

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111720\
 Data File : VN064697.D
 Acq On : 17 Nov 2020 21:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/18/2020 5:16:01 PM

Quant Time: Nov 18 03:38:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	279572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	490699	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	486418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	242476	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	236028	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.94%		
35) Dibromofluoromethane	7.55	113	157554	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.32%		
50) Toluene-d8	10.06	98	618195	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.74%		
62) 4-Bromofluorobenzene	12.37	95	243960	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.92%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	154964	42.581	ug/l	99
3) Chloromethane	2.04	50	171207	38.731	ug/l	98
4) Vinyl Chloride	2.17	62	187319	41.265	ug/l	98
5) Bromomethane	2.53	94	134148	46.259	ug/l	96
6) Chloroethane	2.68	64	132568	45.614	ug/l	98
7) Trichlorofluoromethane	2.99	101	352050	52.669	ug/l	99
8) Diethyl Ether	3.37	74	117168	49.638	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	149674	47.154	ug/l	99
10) Methyl Iodide	3.91	142	182325	49.434	ug/l	99
11) Tert butyl alcohol	4.74	59	111362	207.367	ug/l #	84
12) 1,1-Dichloroethene	3.70	96	140664	47.046	ug/l	93
13) Acrolein	3.57	56	18127	54.417	ug/l	95
14) Allyl chloride	4.28	41	243415	41.617	ug/l	95
15) Acrylonitrile	4.93	53	355736	237.927	ug/l	99
16) Acetone	3.78	43	331825	178.885	ug/l	98
17) Carbon Disulfide	4.01	76	381756	42.695	ug/l	100
18) Methyl Acetate	4.28	43	193586	53.084	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	507627	47.172	ug/l	99
20) Methylene Chloride	4.50	84	171544	46.610	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	159117	46.870	ug/l	97
22) Diisopropyl ether	5.90	45	561003	45.185	ug/l	98
23) Vinyl Acetate	5.85	43	2284125	226.145	ug/l	98
24) 1,1-Dichloroethane	5.80	63	313855	46.002	ug/l	100
25) 2-Butanone	6.78	43	491184	207.822	ug/l	94
26) 2,2-Dichloropropane	6.78	77	272928	44.191	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	185506	47.157	ug/l	97
28) Bromochloromethane	7.15	49	147637	44.024	ug/l	96
29) Tetrahydrofuran	7.17	42	326882	225.428	ug/l	97
30) Chloroform	7.33	83	351110	48.959	ug/l	100
31) Cyclohexane	7.61	56	233089	39.375	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	312902	49.193	ug/l	98
36) 1,1-Dichloropropene	7.75	75	242030	46.689	ug/l	98
37) Ethyl Acetate	6.88	43	215364	41.072	ug/l	98
38) Carbon Tetrachloride	7.73	117	272529	49.190	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	210379	45.272	ug/l	99
40) Benzene	8.00	78	705086	46.287	ug/l	99
41) Methacrylonitrile	7.12	41	95810	41.688	ug/l	98
42) 1,2-Dichloroethane	8.08	62	305084	49.628	ug/l	100
43) Isopropyl Acetate	8.13	43	412062	49.049	ug/l	99
44) Trichloroethene	8.80	130	199890	52.011	ug/l	100
45) 1,2-Dichloropropane	9.08	63	193701	47.657	ug/l	98
46) Dibromomethane	9.17	93	137799	51.502	ug/l	96
47) Bromodichloromethane	9.37	83	289117	50.254	ug/l	97
48) Methyl methacrylate	9.16	41	196950	46.460	ug/l	97
49) 1,4-Dioxane	9.17	88	47493	850.589	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1170556	238.929	ug/l	100
52) Toluene	10.12	92	456106	49.092	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	319878	52.445	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	309144	47.406	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	184269	50.856	ug/l	99
56) Ethyl methacrylate	10.40	69	273748	46.070	ug/l	97
57) 1,3-Dichloropropane	10.68	76	317653	50.226	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	704881	250.211	ug/l	96
59) 2-Hexanone	10.72	43	873091	219.053	ug/l	99
60) Dibromochloromethane	10.87	129	226532	55.841	ug/l	98
61) 1,2-Dibromoethane	10.98	107	199511	54.285	ug/l	100
64) Tetrachloroethene	10.60	164	219422	58.561	ug/l	98
65) Chlorobenzene	11.40	112	507829	47.624	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	196541	49.406	ug/l	98
67) Ethyl Benzene	11.48	91	916702	48.331	ug/l	99
68) m/p-Xylenes	11.59	106	681661	99.097	ug/l	100
69) o-Xylene	11.92	106	319341	48.043	ug/l	99
70) Styrene	11.94	104	570600	51.014	ug/l	98
71) Bromoform	12.10	173	141576	47.463	ug/l #	100
73) Isopropylbenzene	12.22	105	840818	43.627	ug/l	100
74) N-amyl acetate	12.04	43	391248	42.055	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	223086	37.686	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	238440m	40.586	ug/l	
77) Bromobenzene	12.50	156	205267	43.624	ug/l	99
78) n-propylbenzene	12.56	91	1000682	45.543	ug/l	99
79) 2-Chlorotoluene	12.65	91	624411	44.806	ug/l	100
80) 1,3,5-Trimethylbenzene	12.70	105	723712	45.518	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	87017	41.355	ug/l	96
82) 4-Chlorotoluene	12.75	91	671519	46.012	ug/l	99
83) tert-Butylbenzene	12.97	119	568254	45.762	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	755552	47.271	ug/l	100
85) sec-Butylbenzene	13.14	105	751479	47.784	ug/l	98
86) p-Isopropyltoluene	13.26	119	701128	49.564	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	386055	47.463	ug/l	100
88) 1,4-Dichlorobenzene	13.33	146	388532	46.223	ug/l	99
89) n-Butylbenzene	13.59	91	620949	51.054	ug/l	99
90) Hexachloroethane	13.85	117	101080	37.042	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	383200	48.978	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	58786	49.878	ug/l	96

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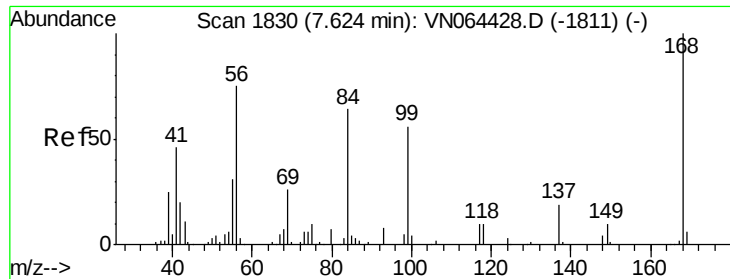
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	204160	52.340	ug/l	100
94) Hexachlorobutadiene	14.98	225	83014	52.113	ug/l	99
95) Naphthalene	15.10	128	666214	50.088	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	196187	52.001	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

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Acq: 17 Nov 2020 21:55

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 279572

Ion Ratio Lower Upper

168 100

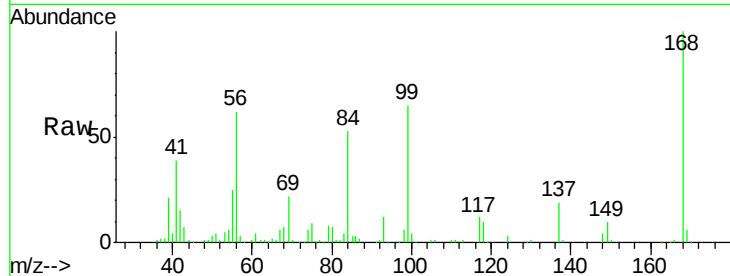
99 64.7 53.4 80.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

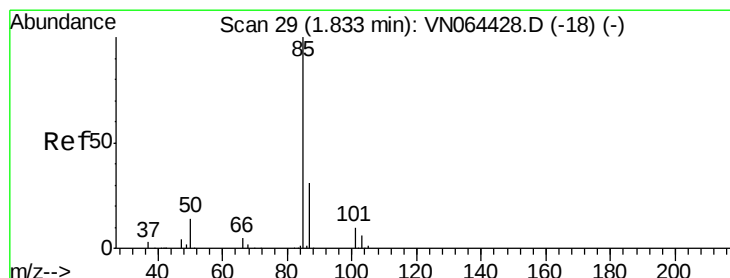
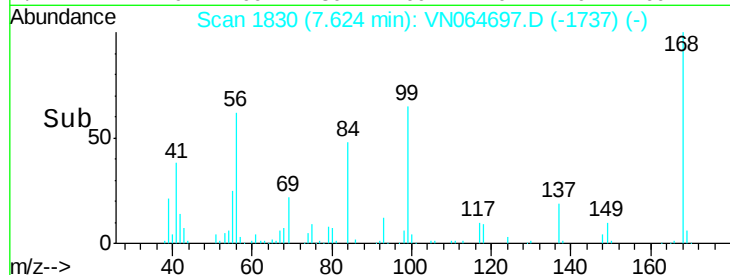
7.62

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 42.581 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064697.D

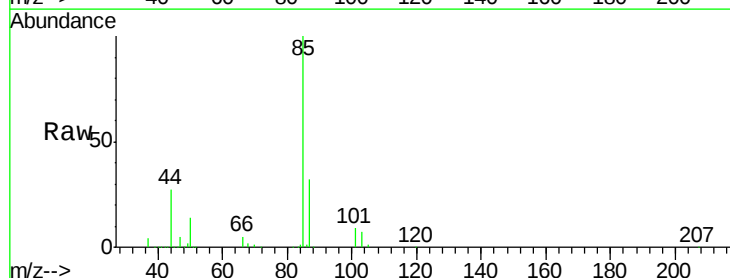
Acq: 17 Nov 2020 21:55

Tgt Ion: 85 Resp: 154964

Ion Ratio Lower Upper

85 100

87 32.2 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

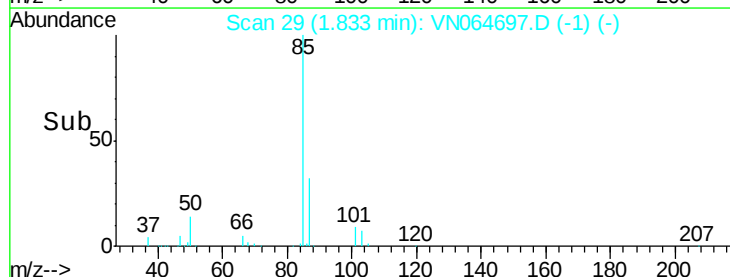
1.83

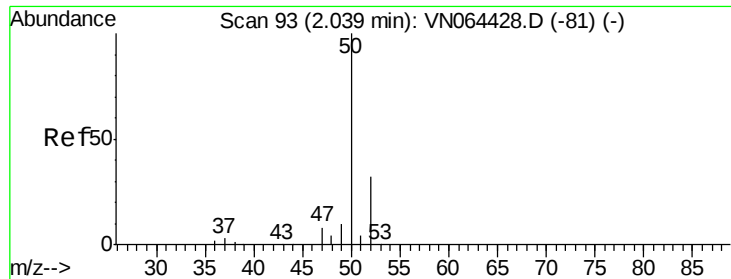
100000

50000

0

Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 38.731 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 171207

Ion Ratio Lower Upper

50 100

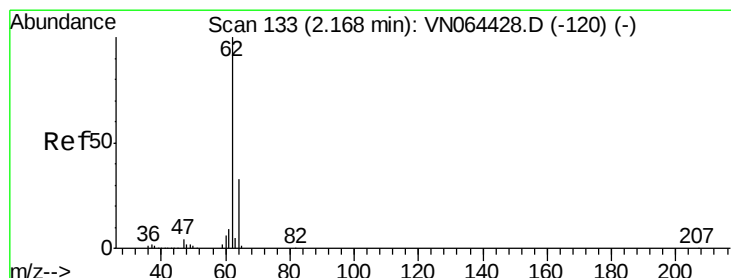
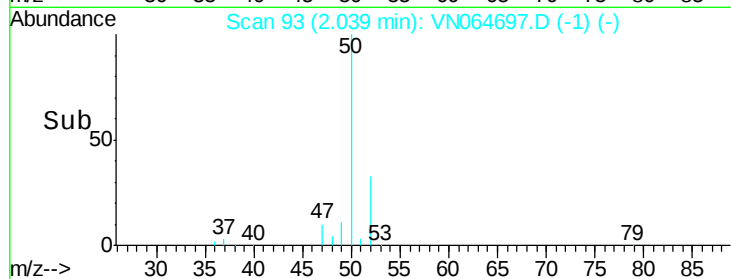
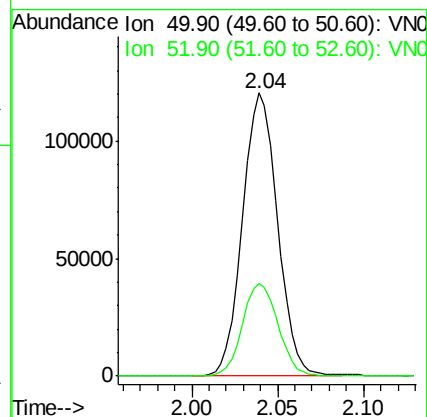
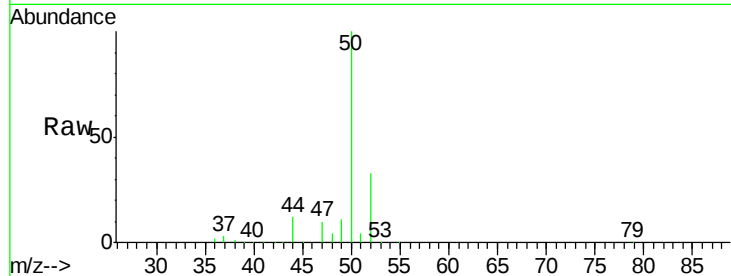
52 32.9 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 41.265 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064697.D

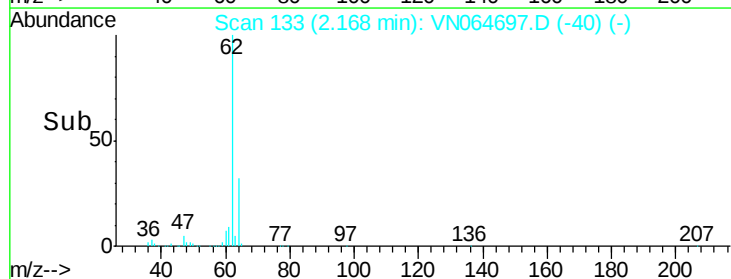
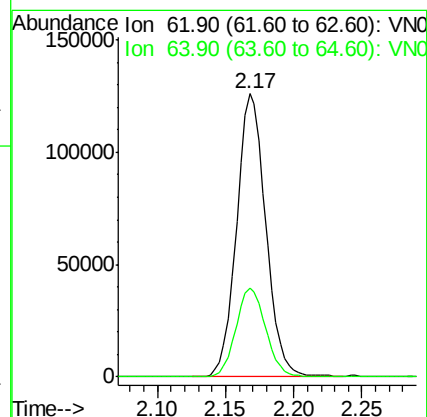
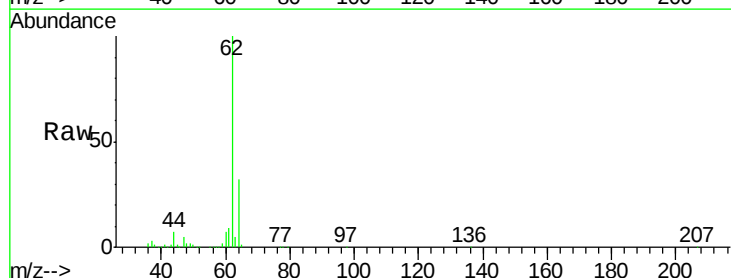
Acq: 17 Nov 2020 21:55

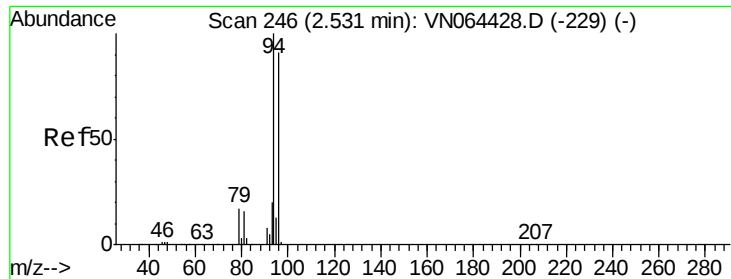
Tgt Ion: 62 Resp: 187319

Ion Ratio Lower Upper

62 100

64 31.5 26.3 39.5





#5

Bromomethane

Concen: 46.259 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN064697.D

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Tot Ion: 94 Resp: 134148

Ion Ratio Lower Upper

94 100

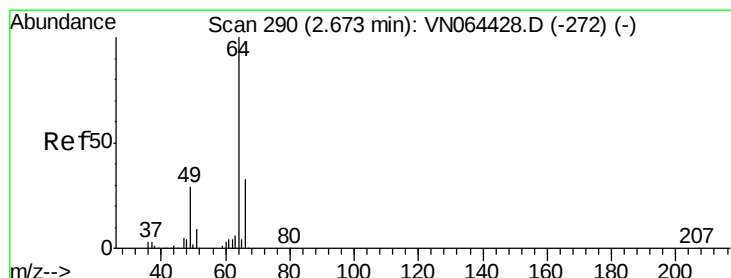
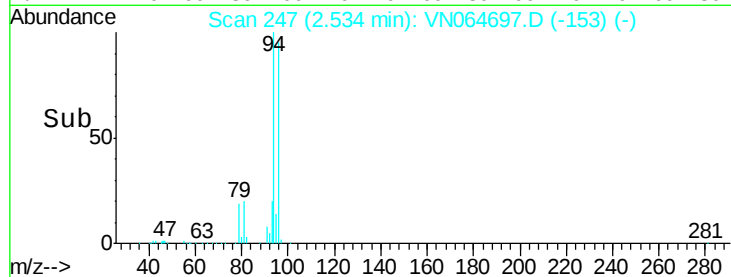
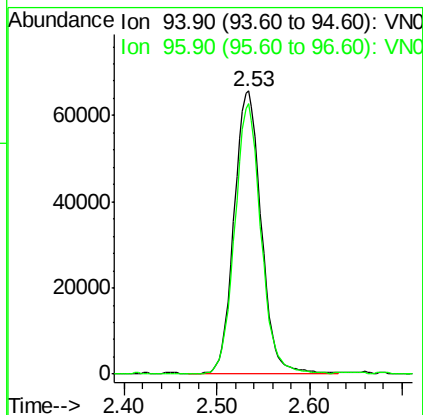
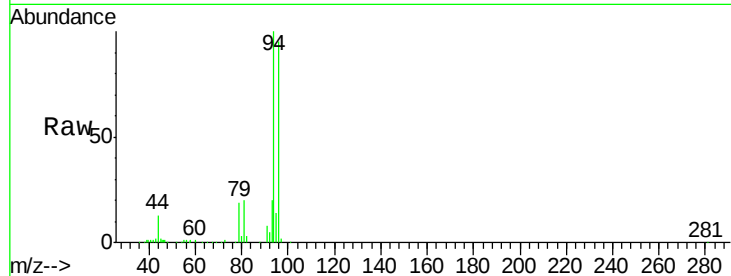
96 95.4 73.1 109.7

Manual Integrations

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#6

Chloroethane

Concen: 45.614 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN064697.D

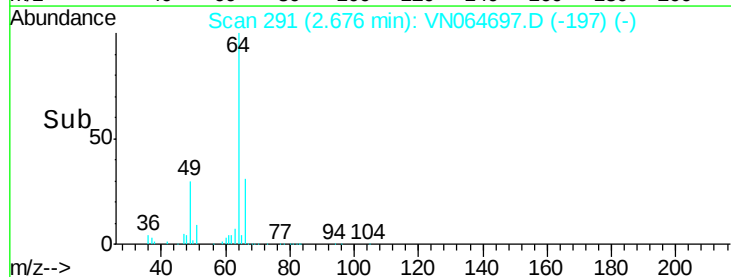
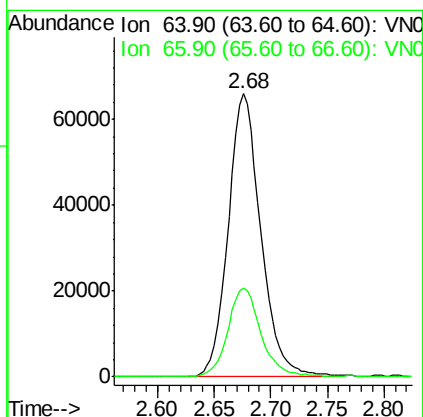
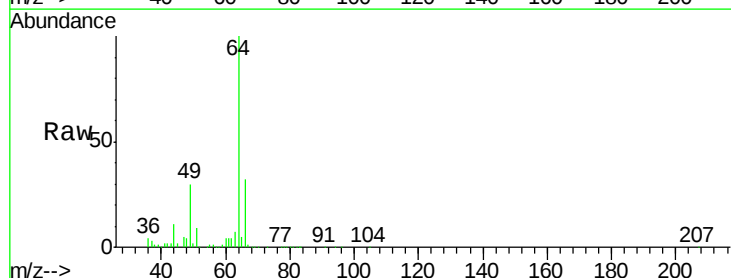
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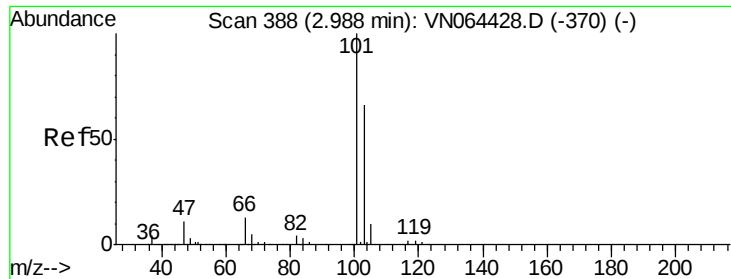
Tgt Ion: 64 Resp: 132568

Ion Ratio Lower Upper

64 100

66 31.6 26.1 39.1





#7

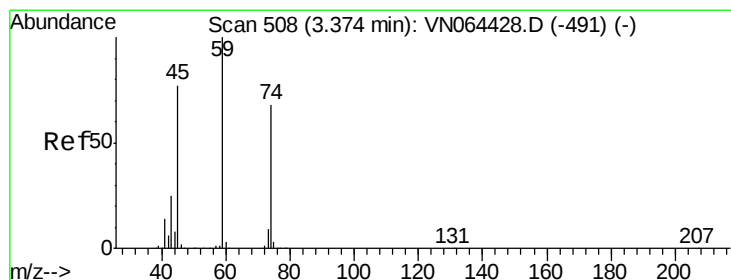
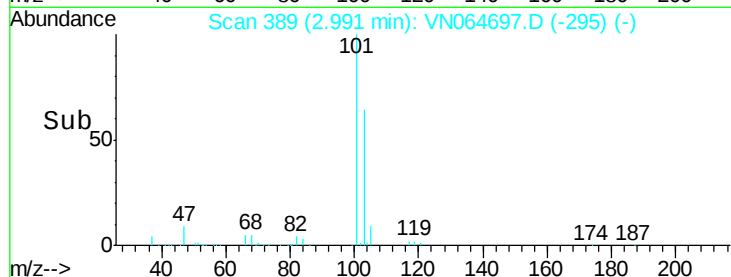
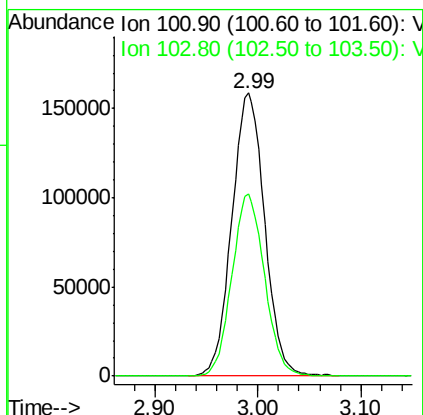
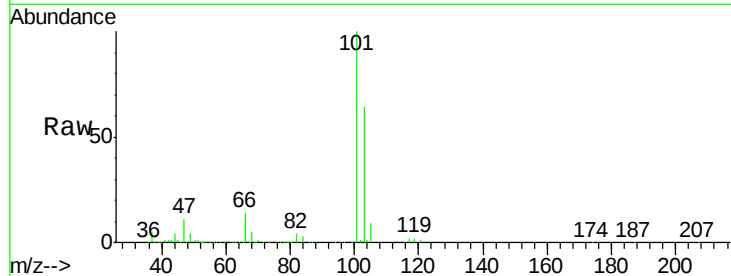
Trichlorofluoromethane
 Concen: 52.669 ug/l
 RT: 2.99 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN064697.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	52.4	78.6

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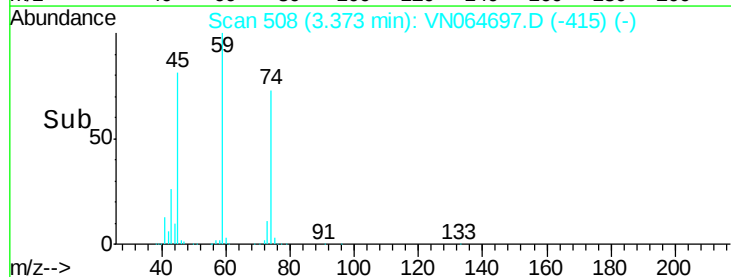
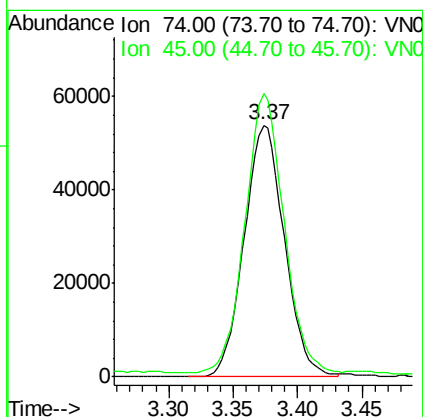
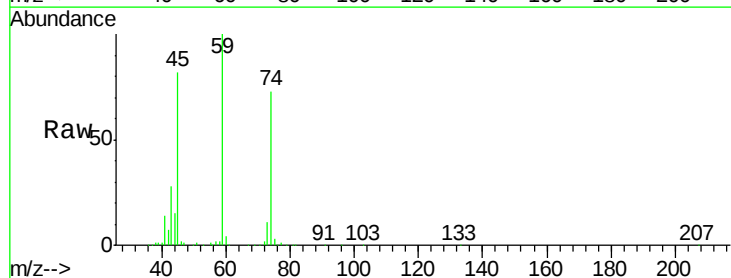
MMDadoda
 11/18/2020 5:16:01 PM

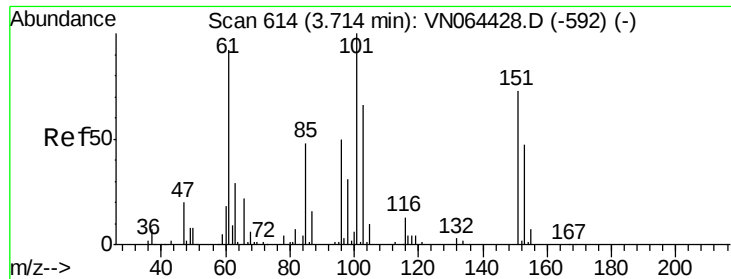


#8

Diethyl Ether
 Concen: 49.638 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.3	55.9	167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.154 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN064697.D

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Instrument :

MSVOA_N

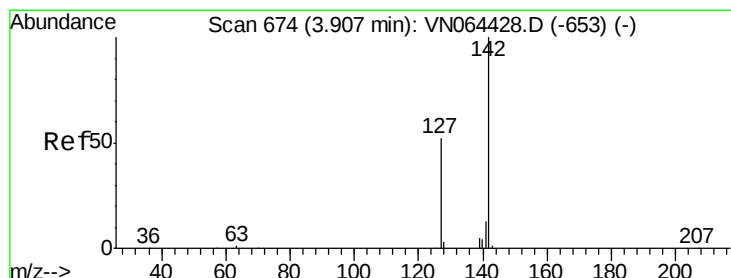
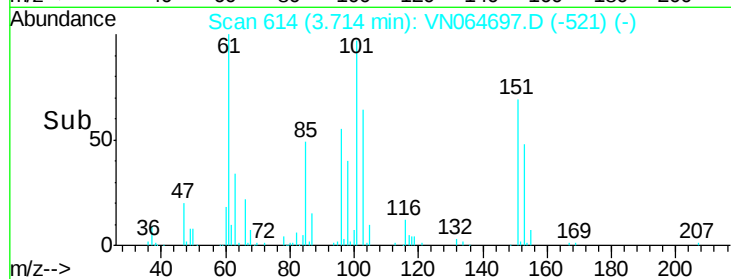
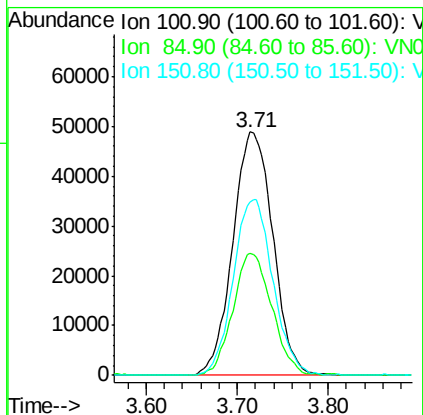
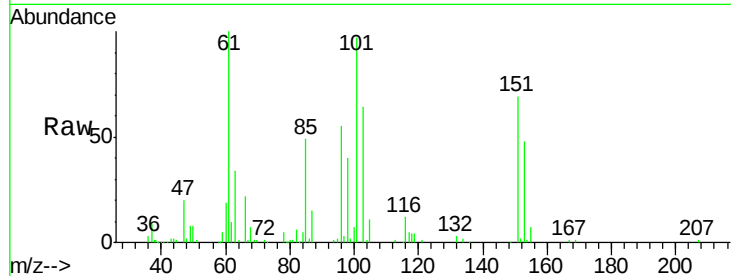
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	149674
Ion Ratio	Lower	Upper	
101	100		
85	48.8	38.6	57.8
151	71.5	57.5	86.3

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#10

Methyl Iodide

Concen: 49.434 ug/l

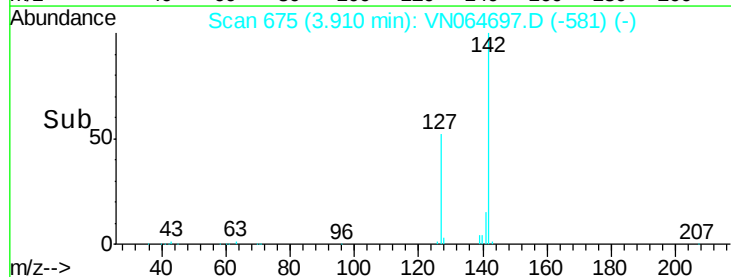
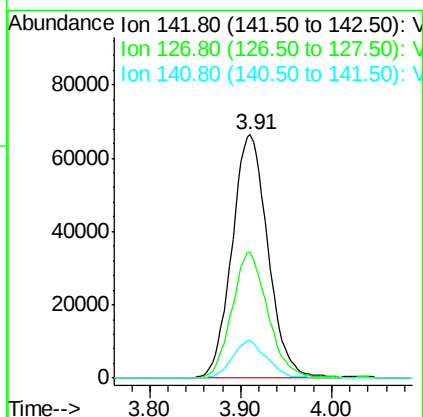
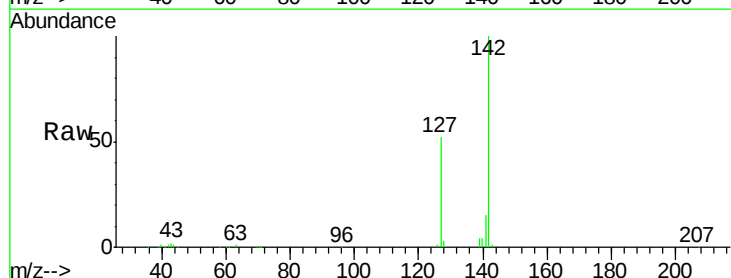
RT: 3.91 min Scan# 675

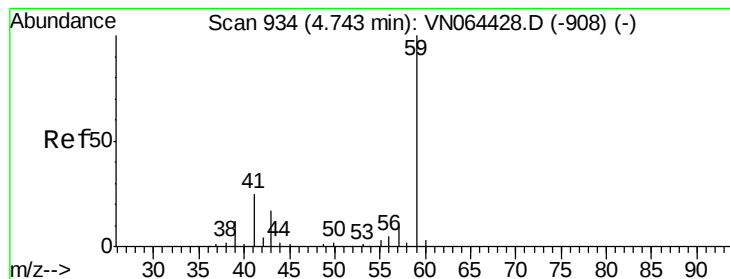
Delta R.T. 0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Tgt Ion:	142	Resp:	182325
Ion Ratio	Lower	Upper	
142	100		
127	51.6	41.8	62.8
141	14.9	11.4	17.2





#11

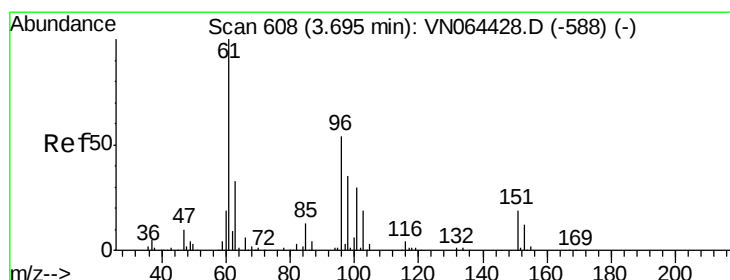
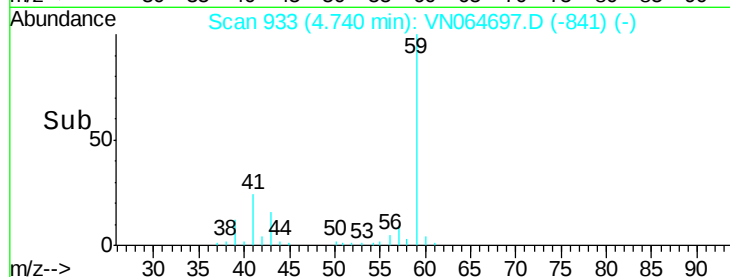
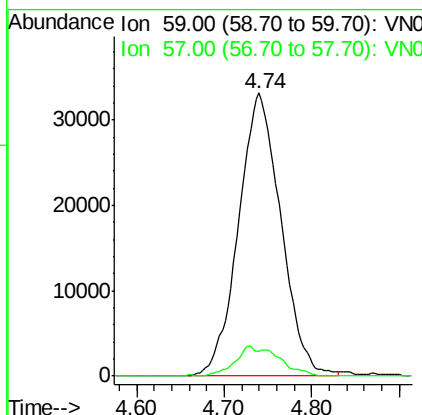
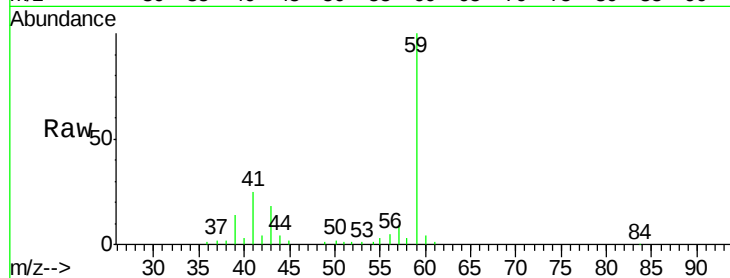
Tert butyl alcohol
Concen: 207.367 ug/l
RT: 4.74 min Scan# 933
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.2	9.0	13.4#

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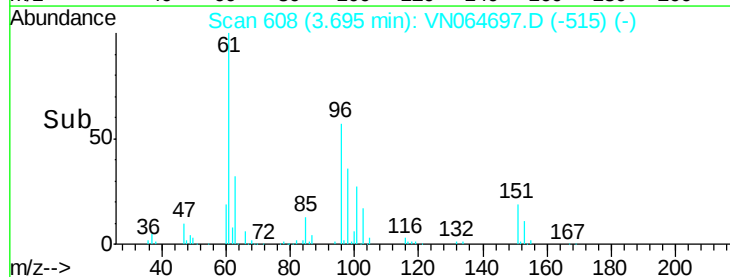
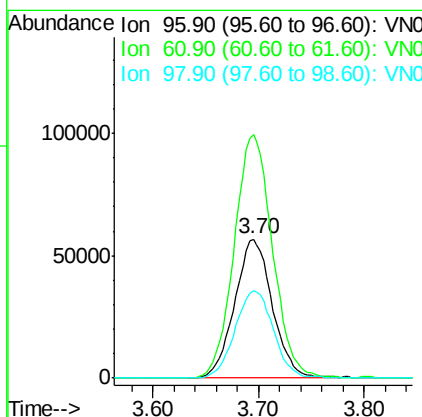
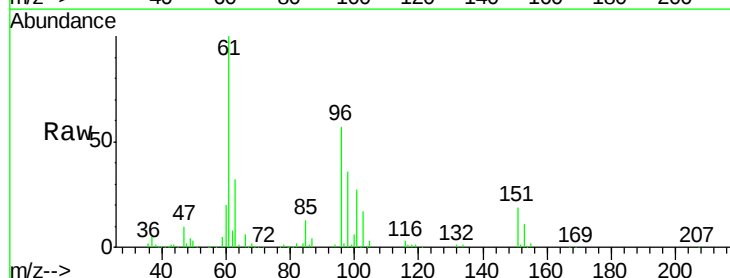
MMDadoda
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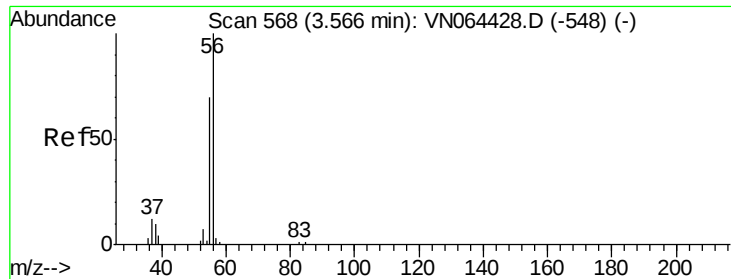


#12

1,1-Dichloroethene
Concen: 47.046 ug/l
RT: 3.70 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.5	149.5	224.3
98	62.6	52.4	78.6





#13

Acrolein

Concen: 54.417 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 18127

Ion Ratio Lower Upper

56 100

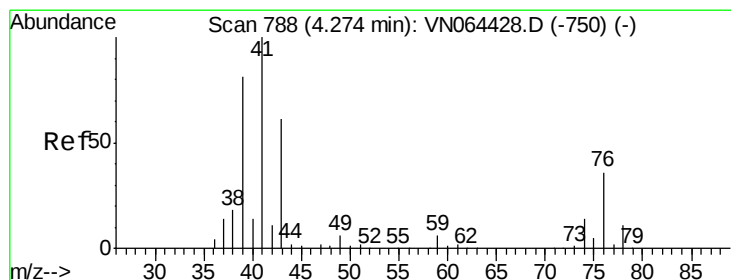
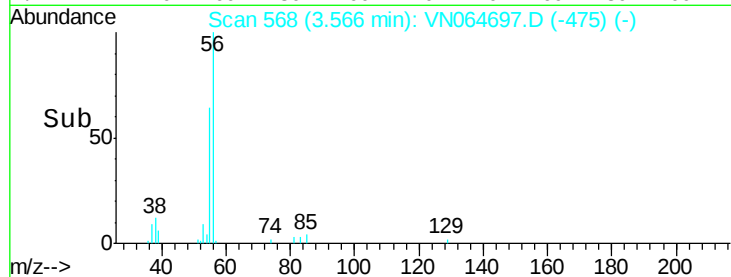
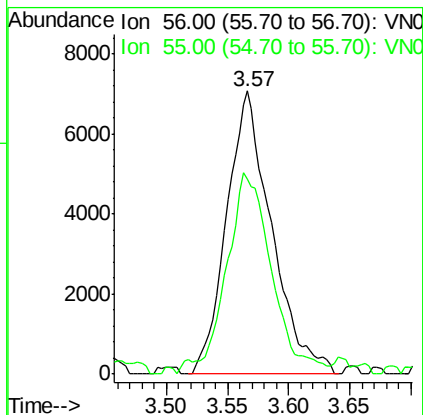
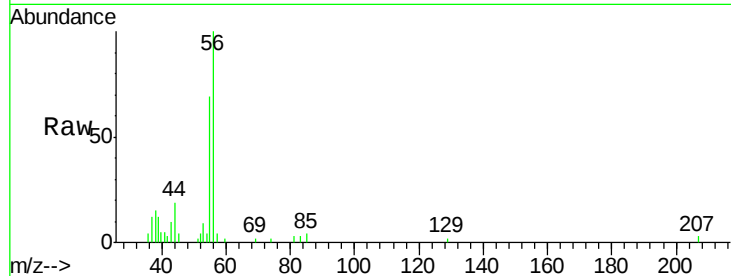
55 65.8 55.9 83.9

Manual Integrations

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#14

Allyl chloride

Concen: 41.617 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

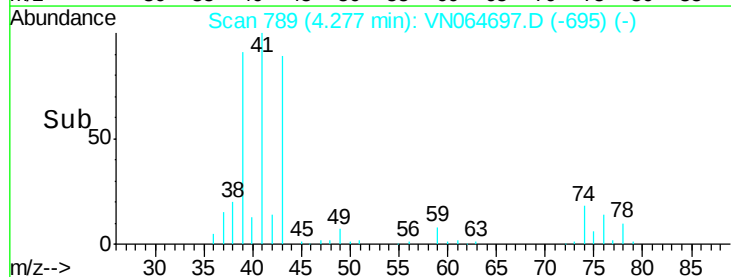
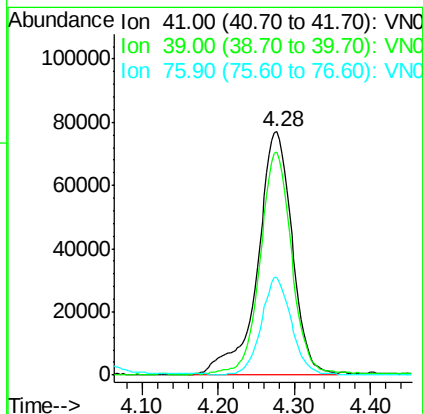
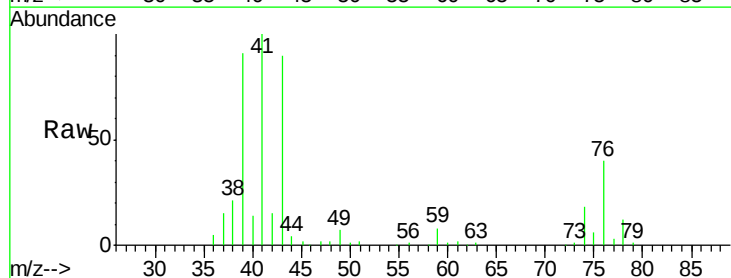
Tgt Ion: 41 Resp: 243415

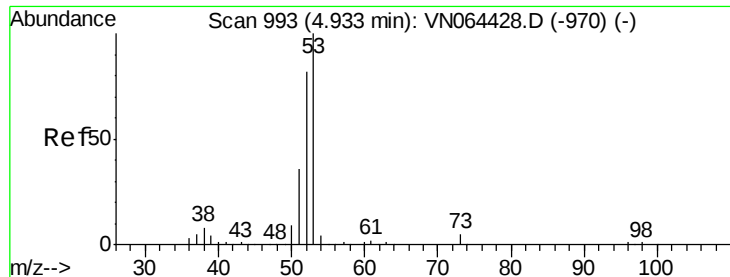
Ion Ratio Lower Upper

41 100

39 82.1 61.8 92.8

76 33.9 25.4 38.0





#15

Acrylonitrile

Concen: 237.927 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Instrument :

MSVOA_N

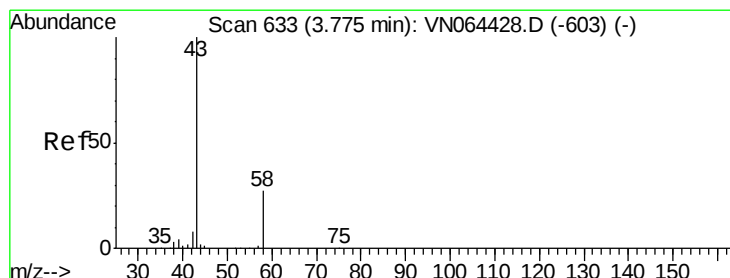
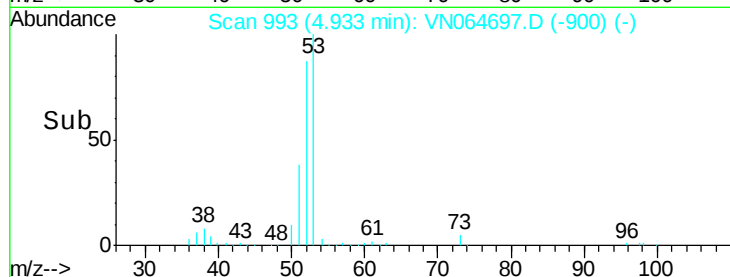
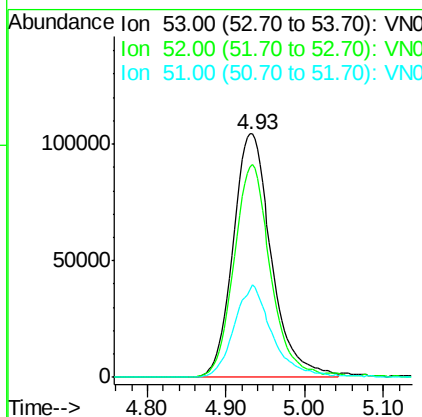
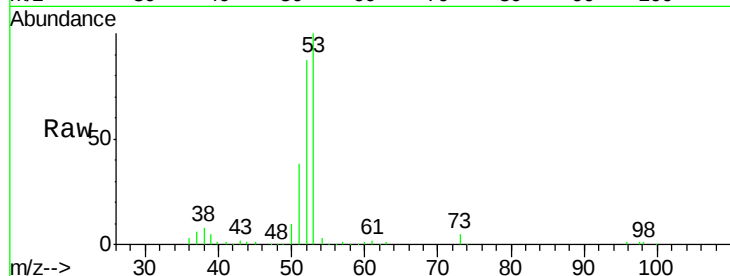
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	355736
Ion	Ratio	Lower	Upper
53	100		
52	83.2	65.6	98.4
51	37.3	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 178.885 ug/l

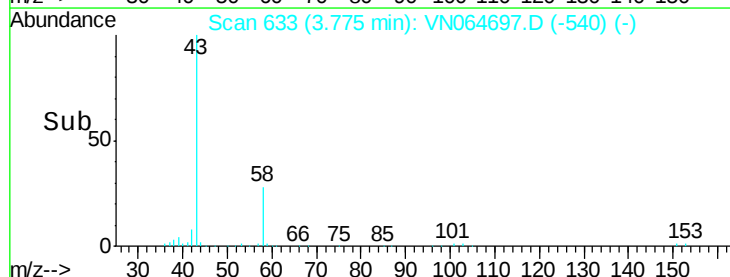
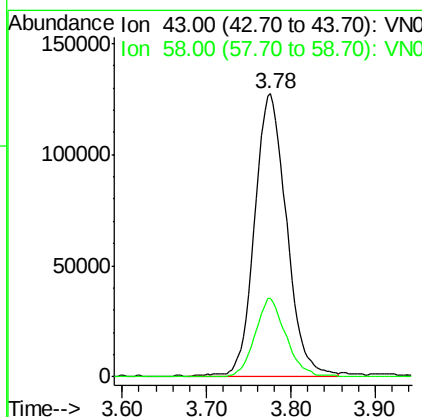
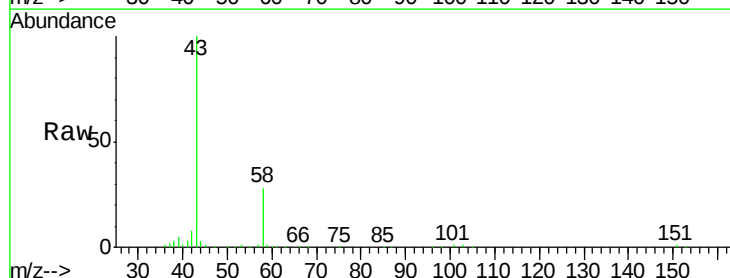
RT: 3.78 min Scan# 633

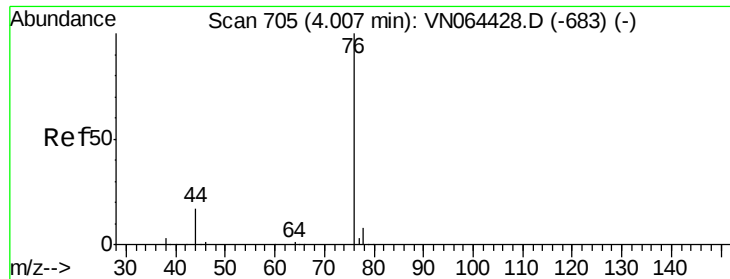
Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Tgt Ion:	43	Resp:	331825
Ion	Ratio	Lower	Upper
43	100		
58	27.6	21.4	32.0





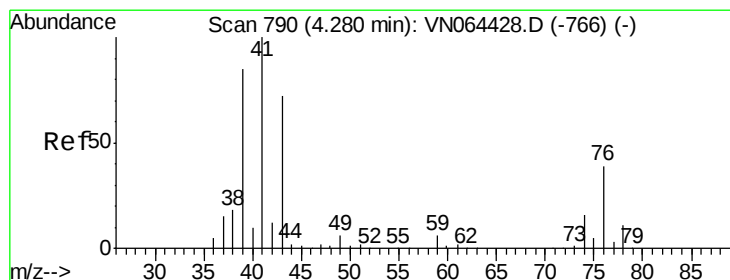
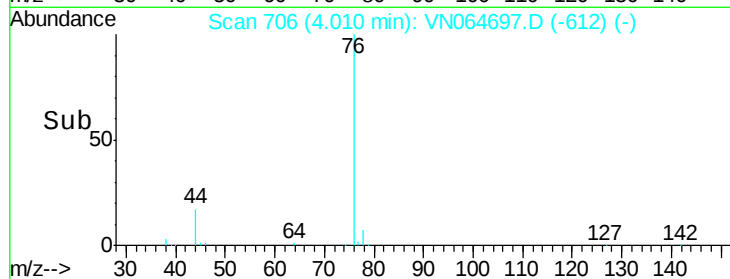
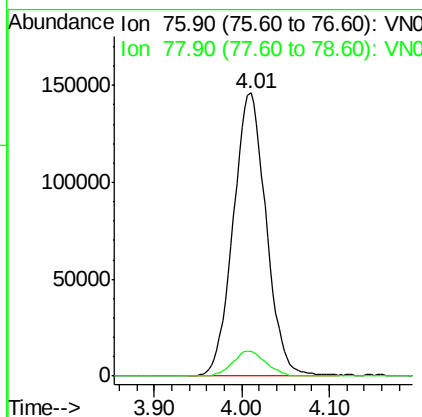
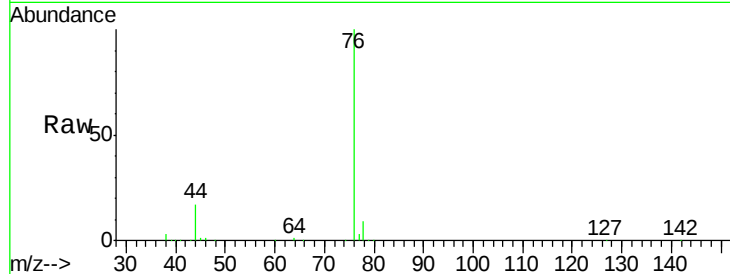
#17
Carbon Disulfide
Concen: 42.695 ug/l
RT: 4.01 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	6.8	10.2

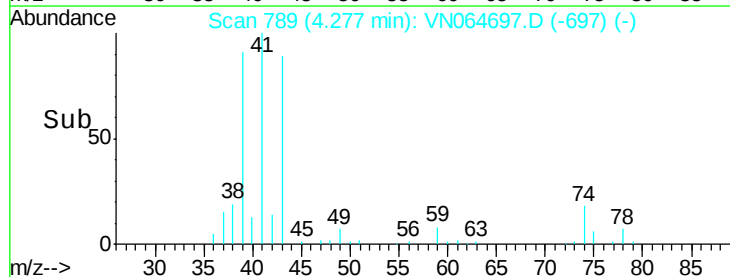
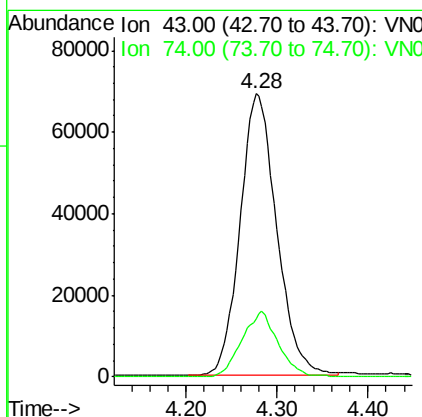
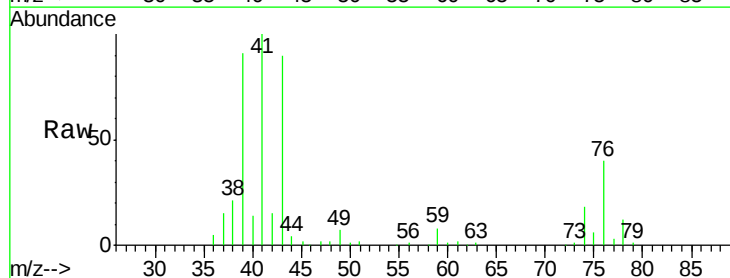
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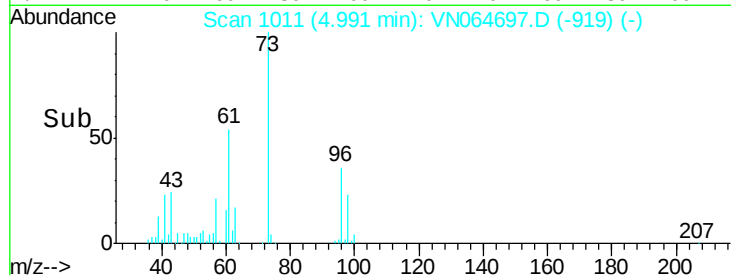
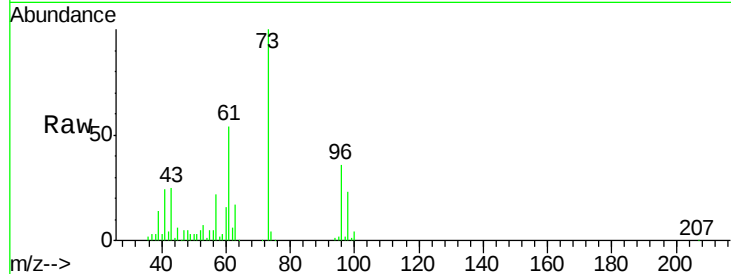
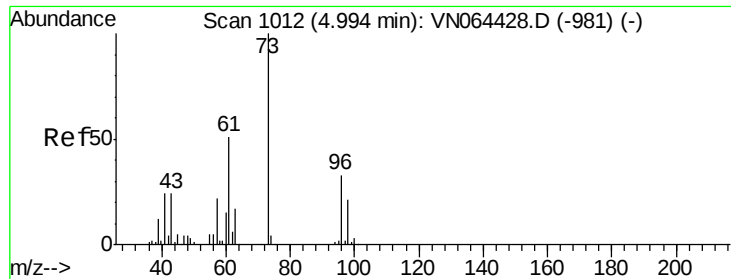
MMDadoda
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#18
Methyl Acetate
Concen: 53.084 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.0	25.4





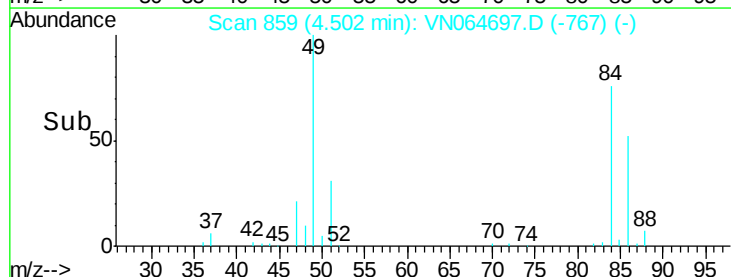
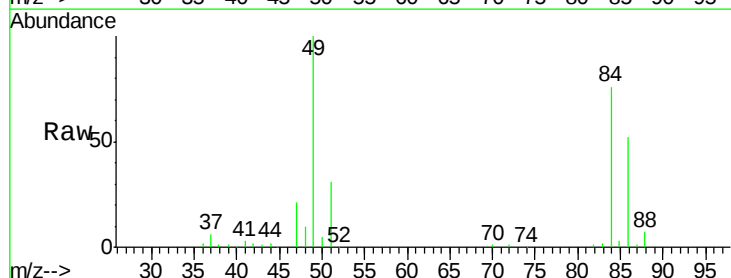
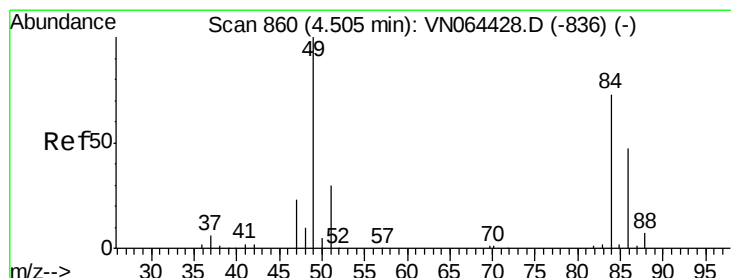
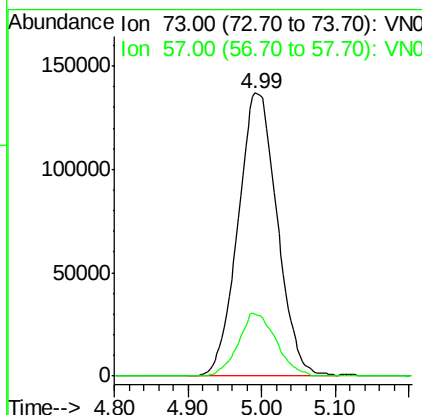
#19
Methvl tert-butvl Ether
Concen: 47.172 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tot Ion: 73 Resp: 507627
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

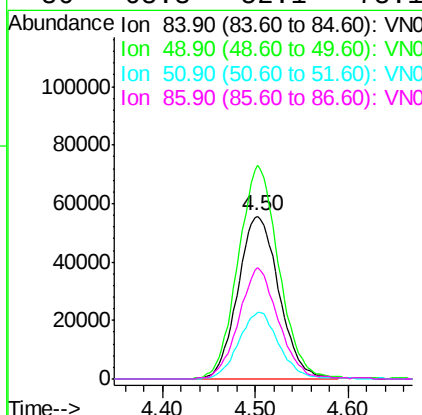
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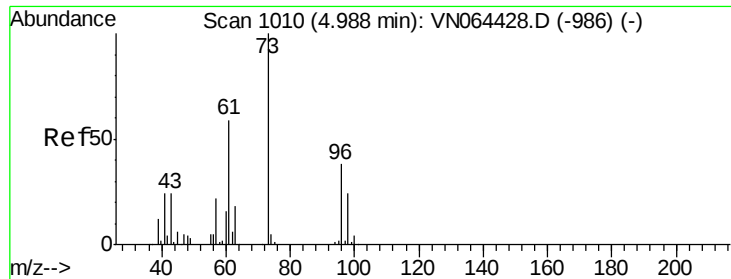
MMDadoda
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#20
Methylene Chloride
Concen: 46.610 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tgt Ion: 84 Resp: 171544
Ion Ratio Lower Upper
84 100
49 130.9 110.1 165.1
51 40.5 33.6 50.4
86 68.3 52.1 78.1





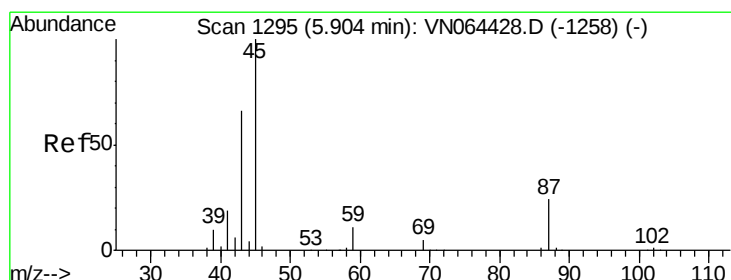
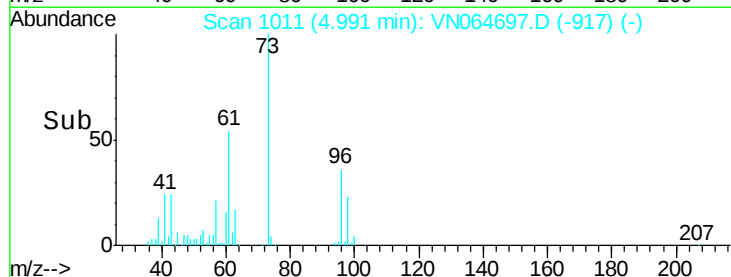
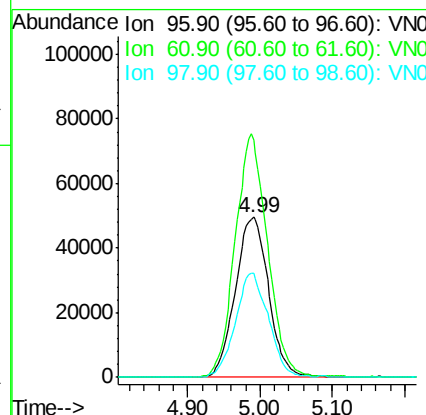
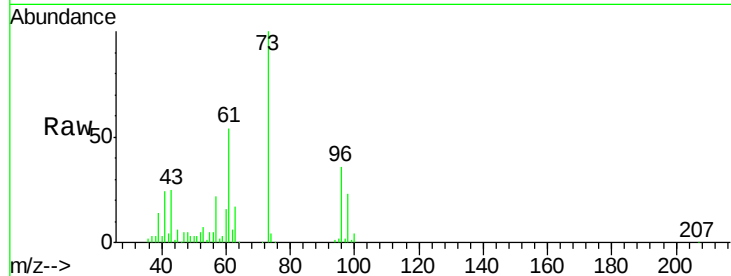
#21
trans-1,2-Dichloroethene
Concen: 46.870 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.3	122.4	183.6
98	64.8	50.4	75.6

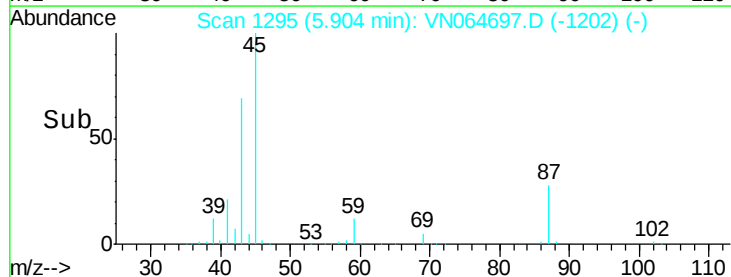
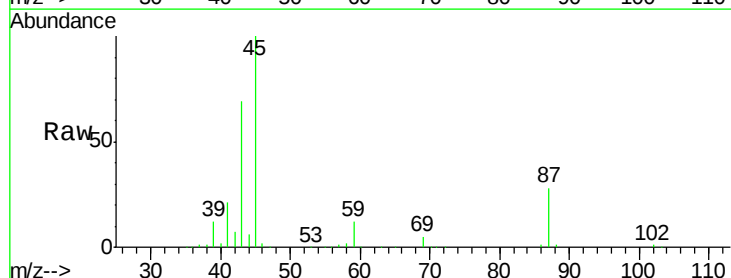
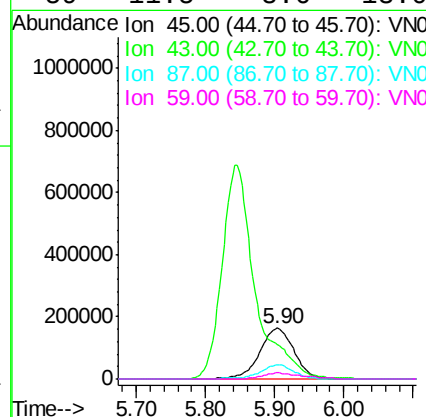
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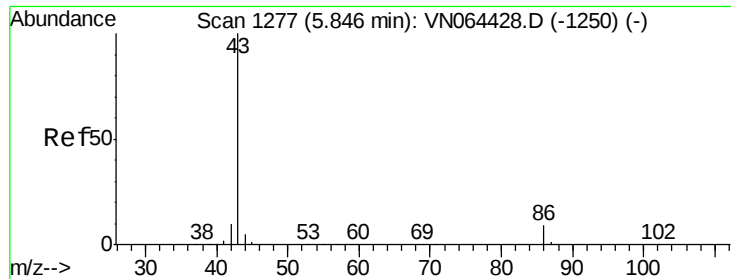
MMDadoda
11/18/2020 5:16:01 PM



#22
Diisopropyl ether
Concen: 45.185 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tgt Ion	Ratio	Lower	Upper
45	100		
43	67.4	53.2	79.8
87	27.9	19.9	29.9
59	11.5	8.6	13.0





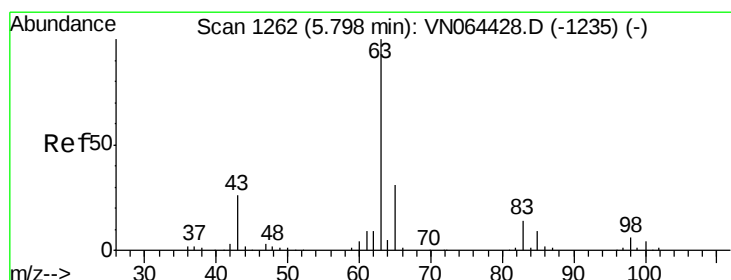
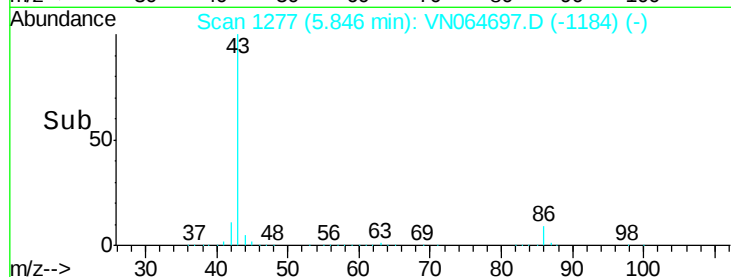
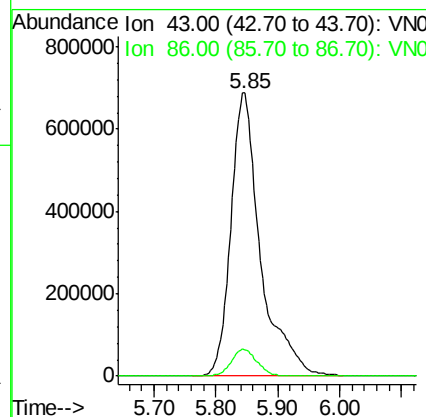
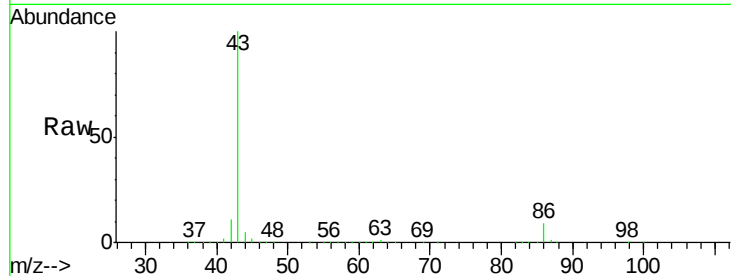
#23
 Vinyl Acetate
 Concen: 226.145 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2284125
 Ion Ratio Lower Upper
 43 100
 86 9.3 6.8 10.2

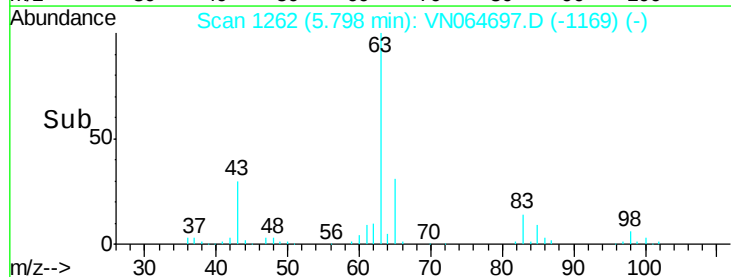
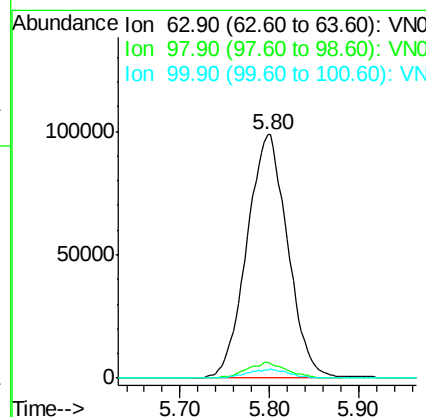
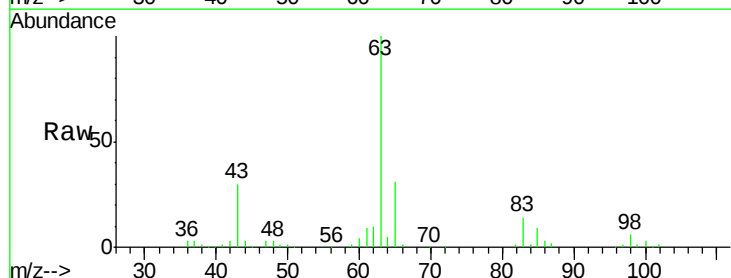
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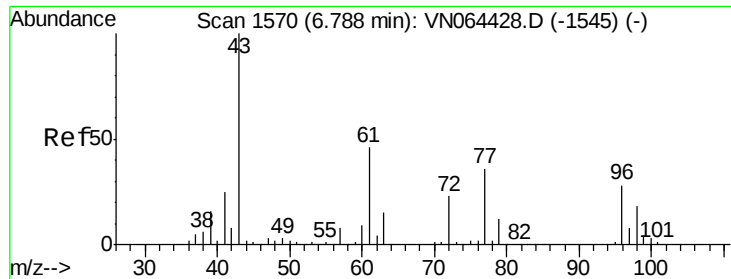
MMDadoda
 11/18/2020 5:16:01 PM



#24
 1,1-Dichloroethane
 Concen: 46.002 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Tgt Ion: 63 Resp: 313855
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.0 9.2
 100 3.4 1.8 5.3





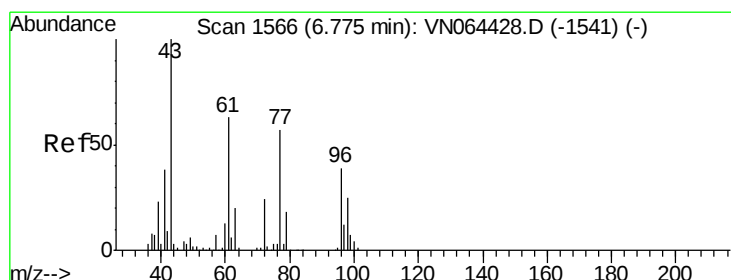
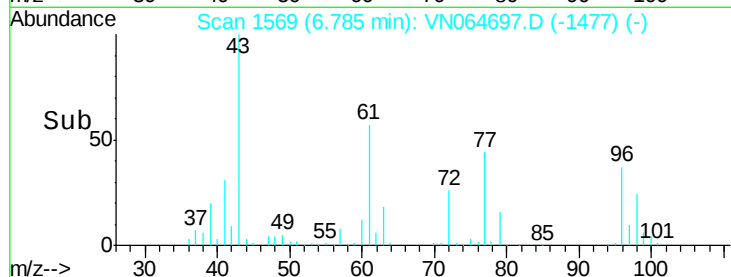
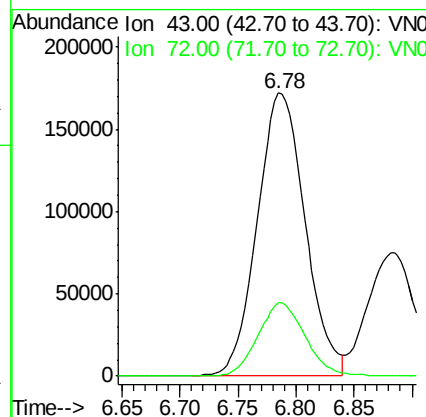
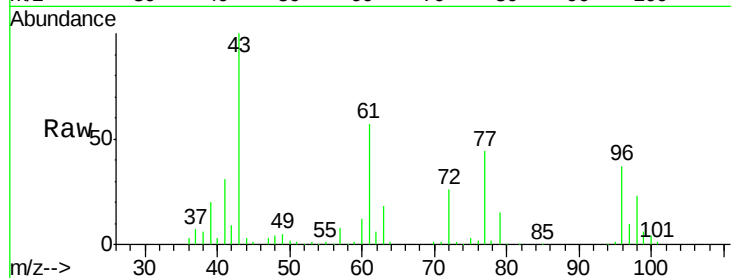
#25
 2-Butanone
 Concen: 207.822 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 491184
 Ion Ratio Lower Upper
 43 100
 72 26.1 18.5 27.7

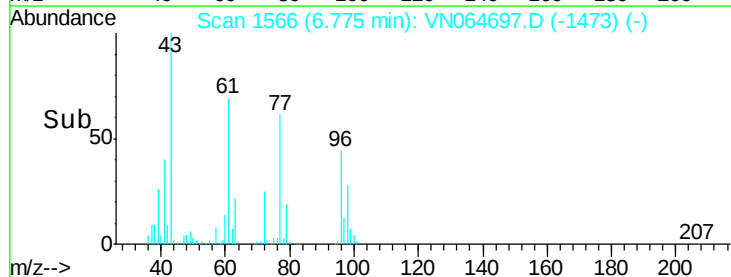
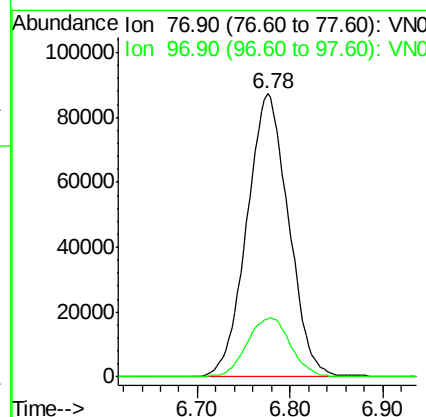
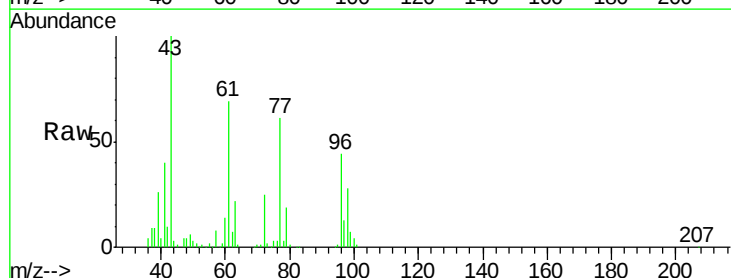
Manual Integrations
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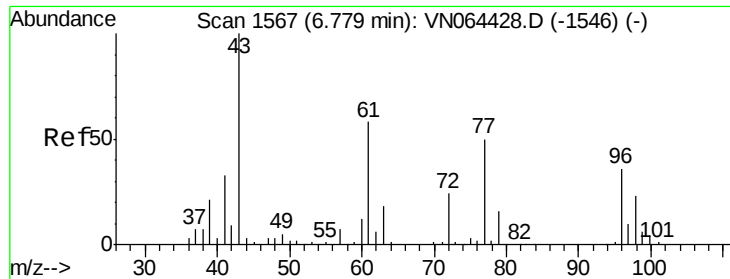
MMDadoda
 11/18/2020 5:16:01 PM



#26
 2,2-Dichloropropane
 Concen: 44.191 ug/l
 RT: 6.78 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Tgt Ion: 77 Resp: 272928
 Ion Ratio Lower Upper
 77 100
 97 21.8 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 47.157 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Instrument :

MSVOA_N

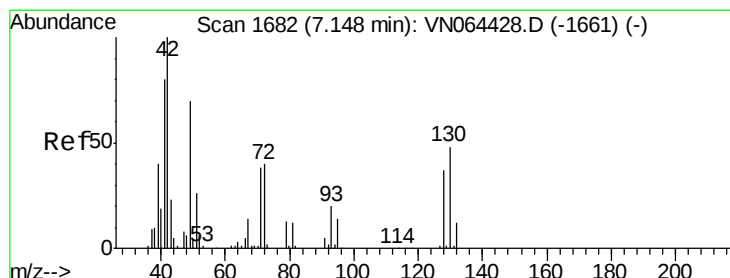
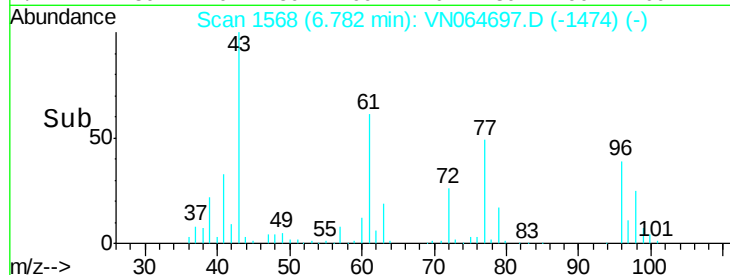
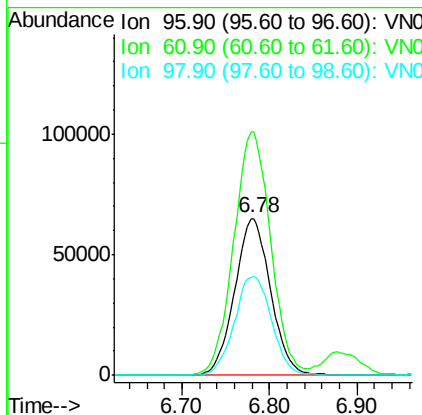
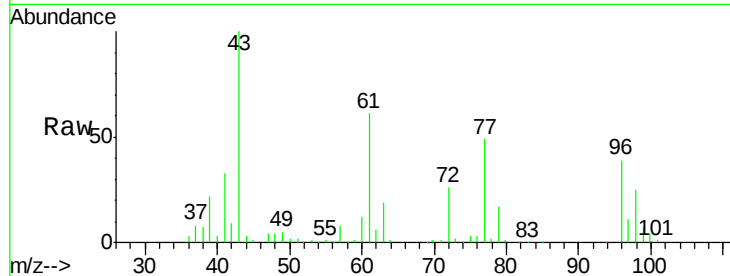
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	185506
Ion Ratio	Lower	Upper	
96	100		
61	159.8	0.0	329.6
98	65.3	0.0	131.2

Manual Integrations
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#28

Bromochloromethane

Concen: 44.024 ug/l

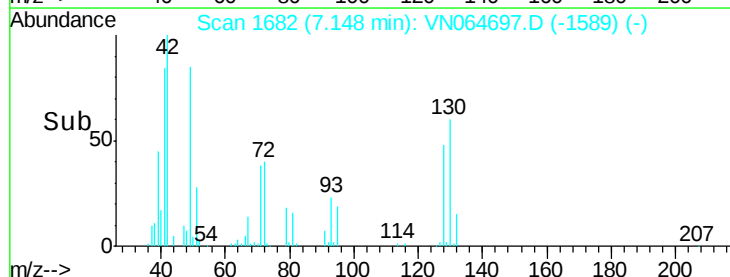
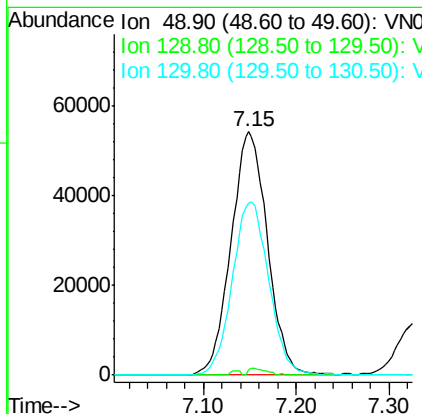
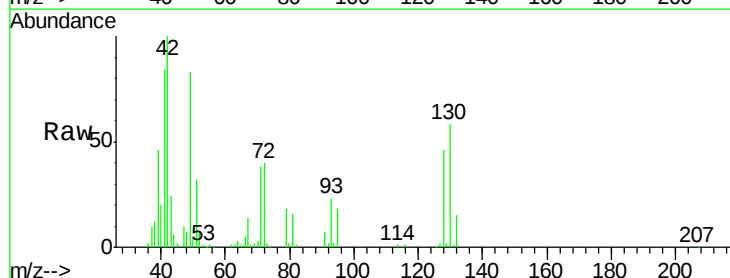
RT: 7.15 min Scan# 1682

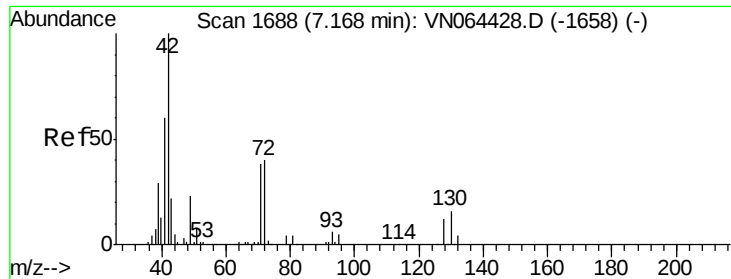
Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Tgt Ion:	49	Resp:	147637
Ion Ratio	Lower	Upper	
49	100		
129	1.3	0.0	3.6
130	71.1	54.2	81.4





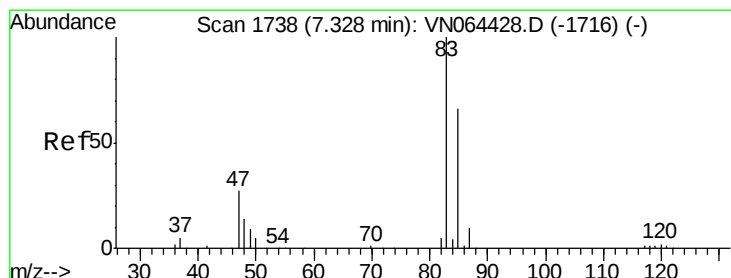
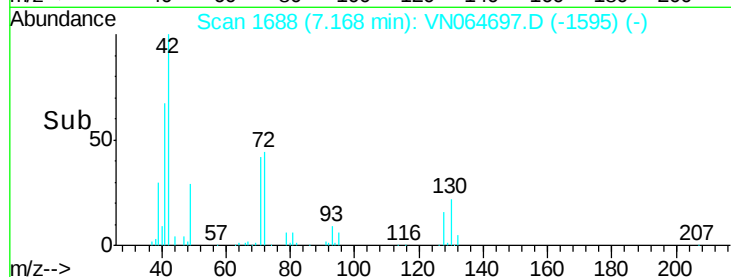
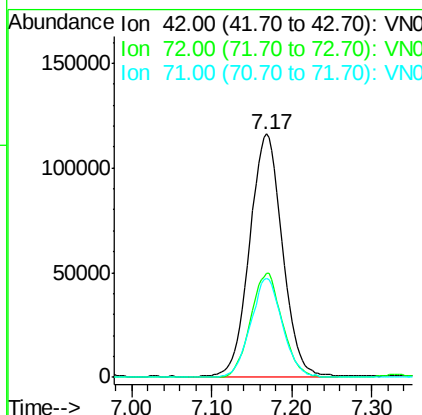
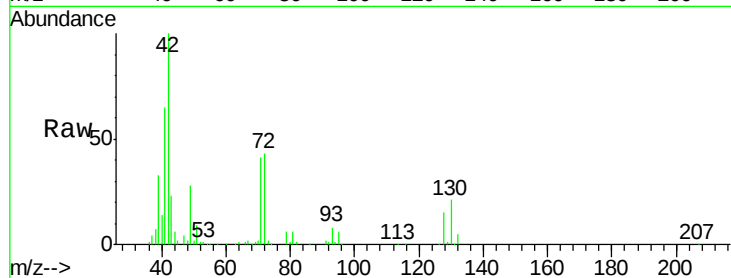
#29
Tetrahydrofuran
Concen: 225.428 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.1	31.7	47.5
71	39.4	29.8	44.6

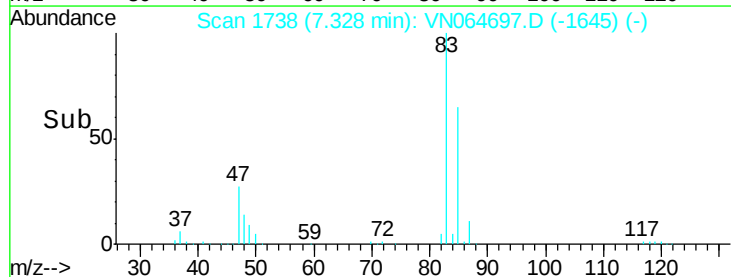
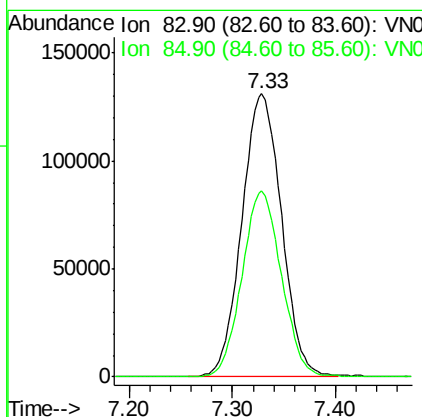
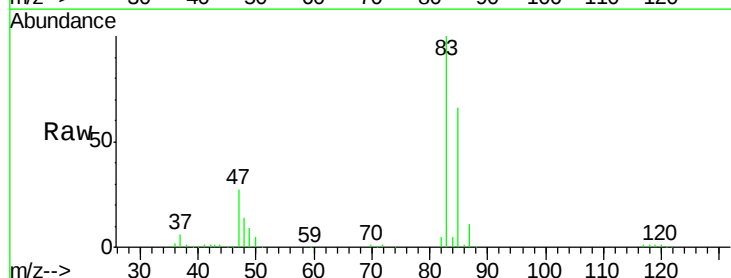
Manual Integrations
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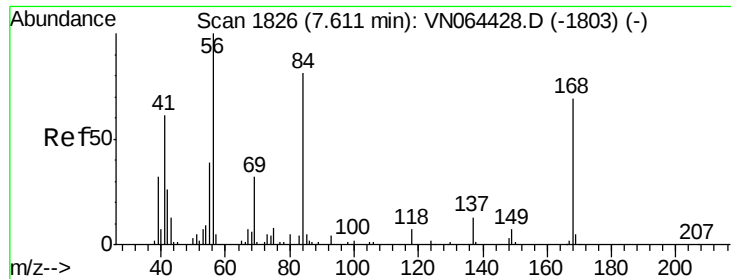
MMDadoda
11/18/2020 5:16:01 PM



#30
Chloroform
Concen: 48.959 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.5	78.7





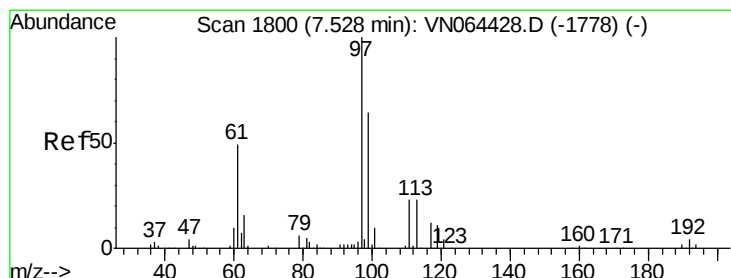
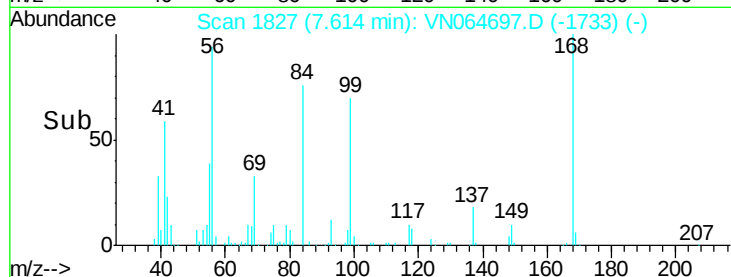
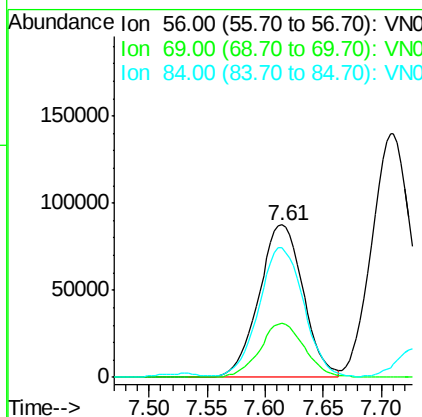
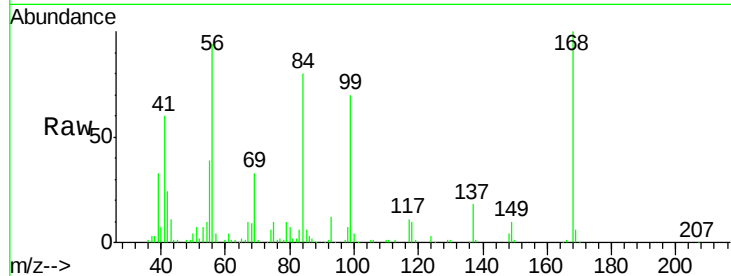
#31
Cvclohexane
Concen: 39.375 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.5	25.6	38.4
84	82.9	63.0	94.6

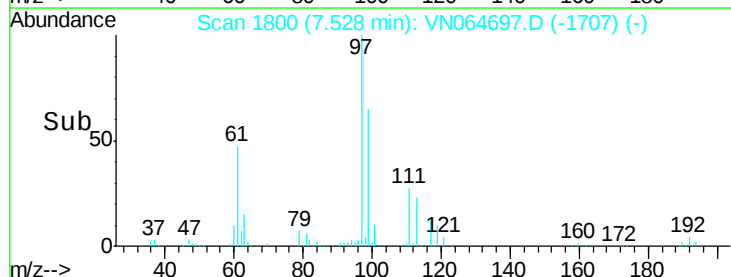
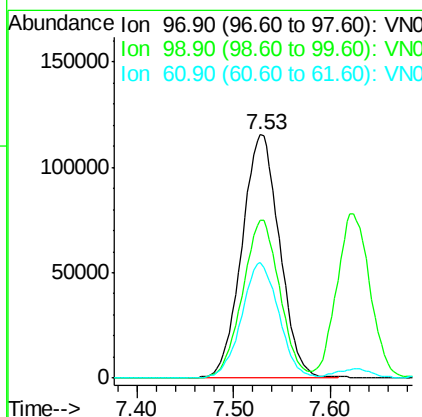
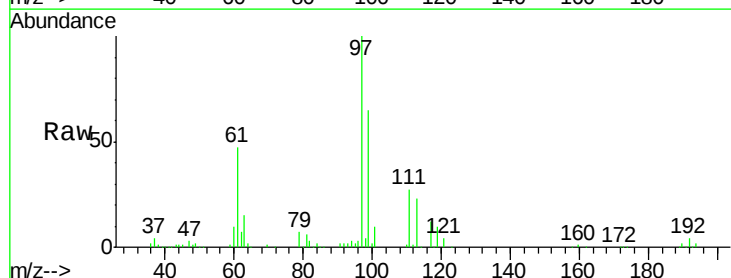
Manual Integrations
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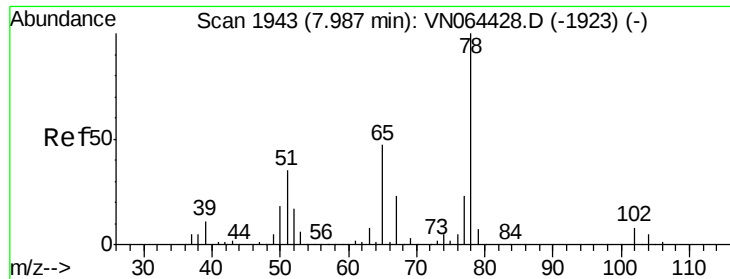
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 49.193 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.3	76.9
61	46.7	39.1	58.7





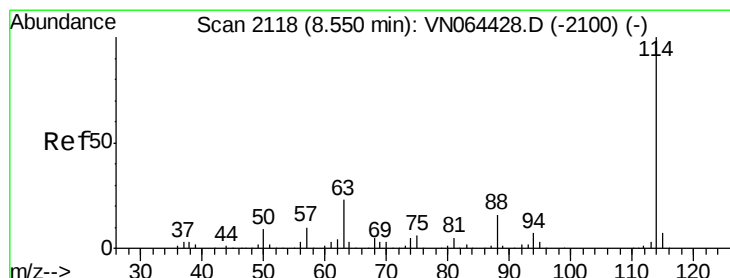
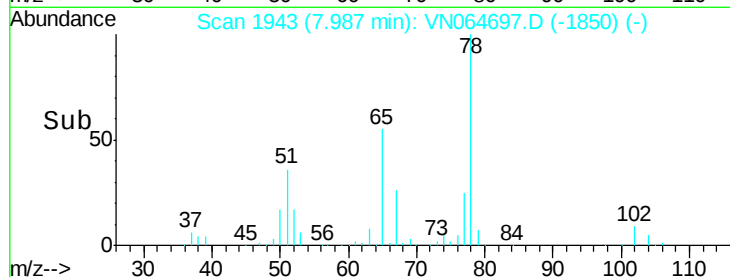
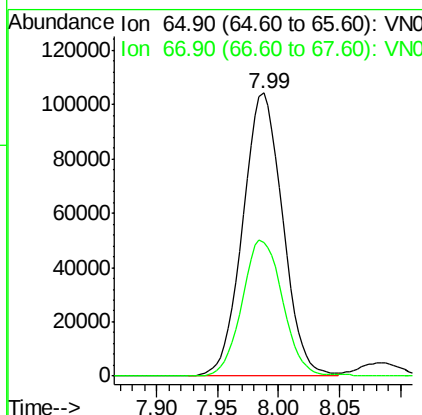
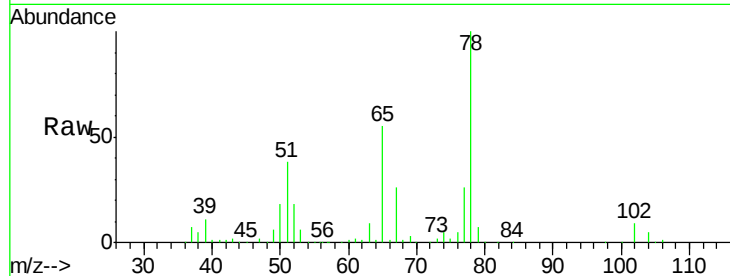
#33
 1,2-Dichloroethane-d4
 Concen: 48.469 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	236028		
67	48.8	0.0	101.6	

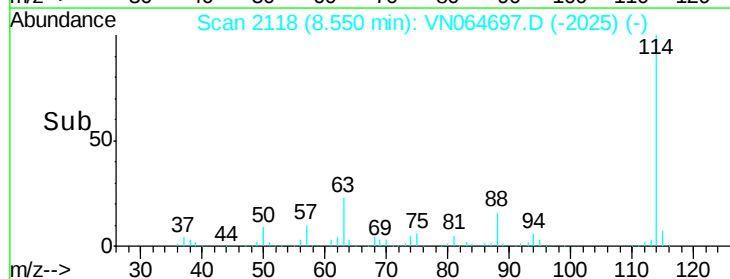
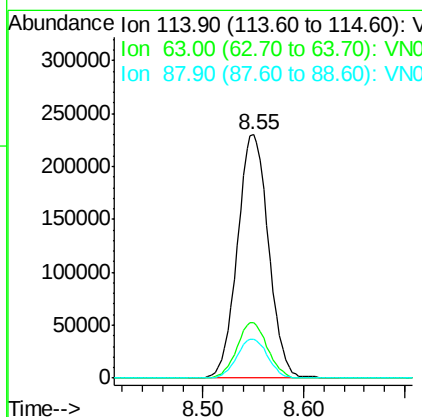
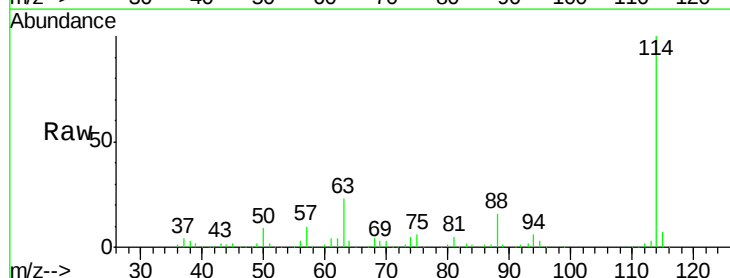
Manual Integrations
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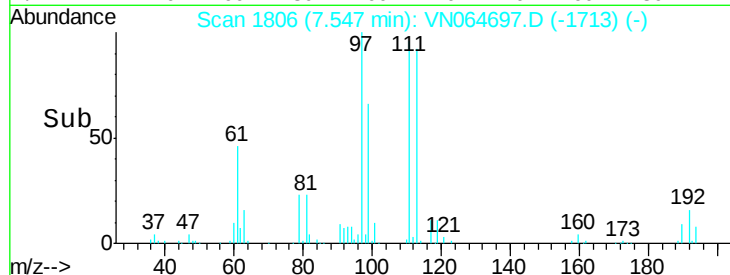
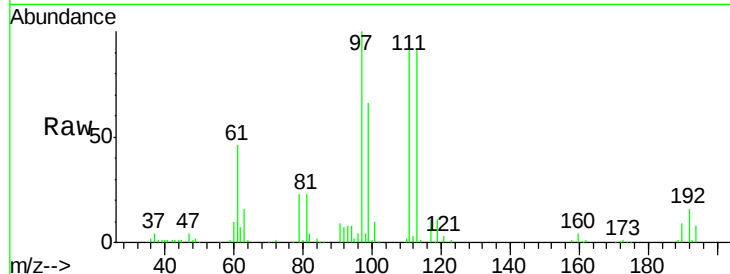
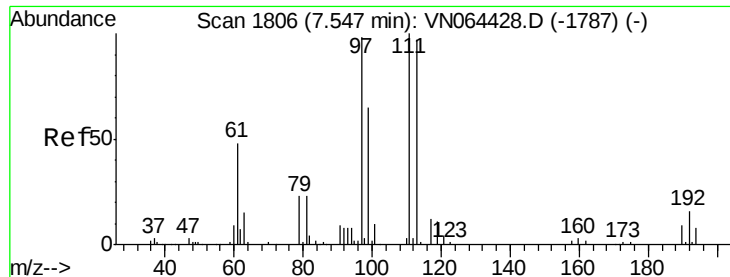
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 11/18/2020 5:16:01 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	490699		
63	22.9	0.0	45.6	
88	16.0	0.0	32.8	





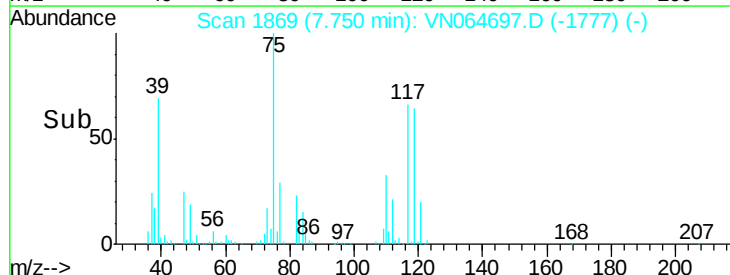
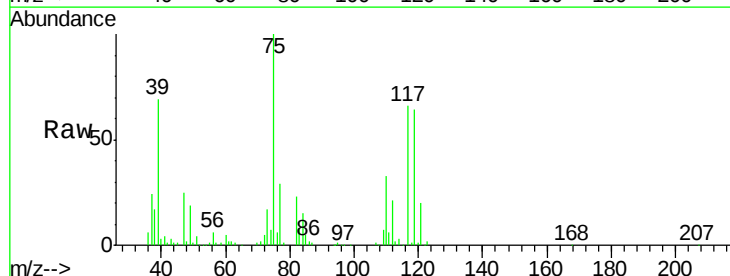
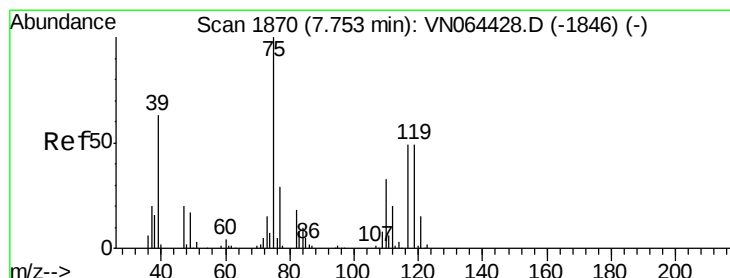
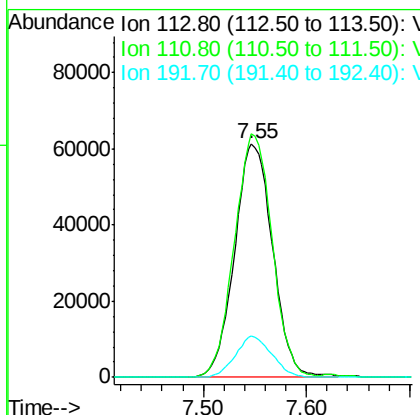
#35
Dibromofluoromethane
Concen: 47.158 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tot Ion	Ratio	Resp	Lower	Upper
113	100	157554		
111	103.1	81.1	121.7	
192	16.9	12.8	19.2	

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

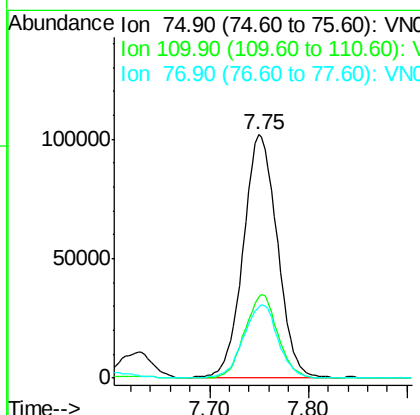
Manual Integrations
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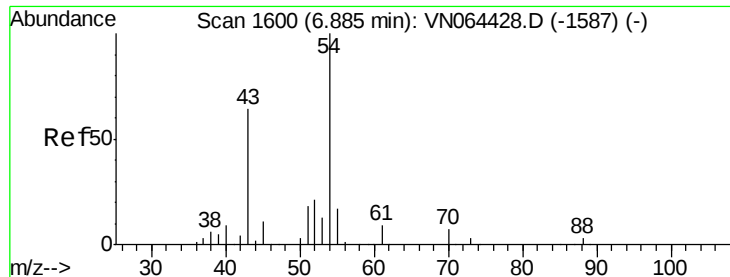
MMDadoda
11/18/2020 5:16:01 PM



#36
1,1-Dichloropropene
Concen: 46.689 ug/l
RT: 7.75 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	242030		
110	33.3	16.0	48.0	
77	30.8	24.0	36.0	





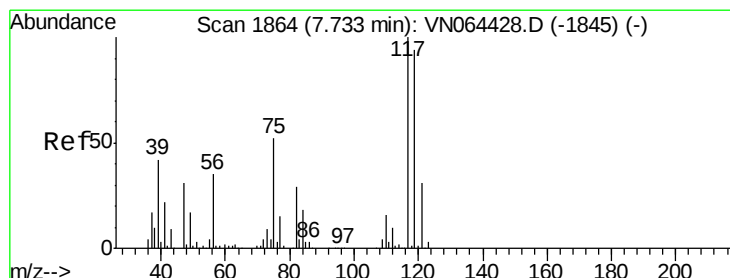
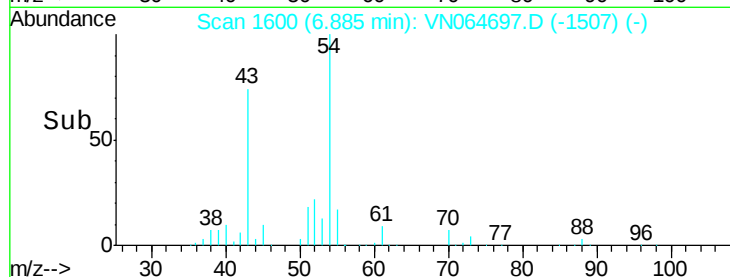
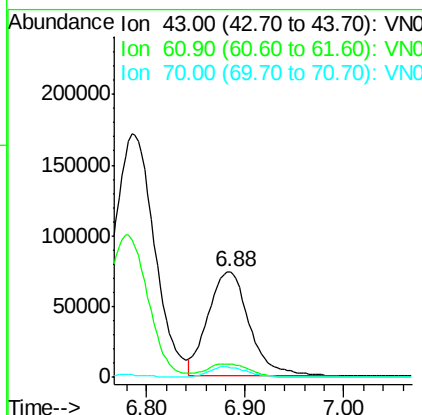
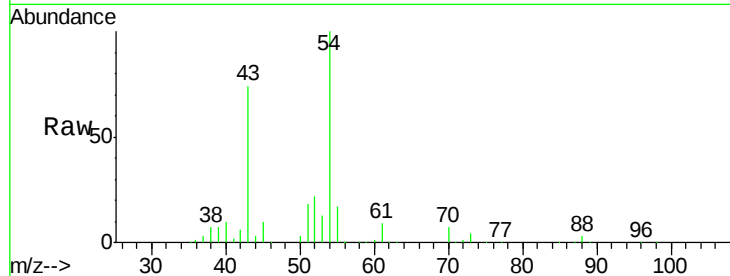
#37
Ethyl Acetate
Concen: 41.072 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.0	15.0
70	9.5	7.1	10.7

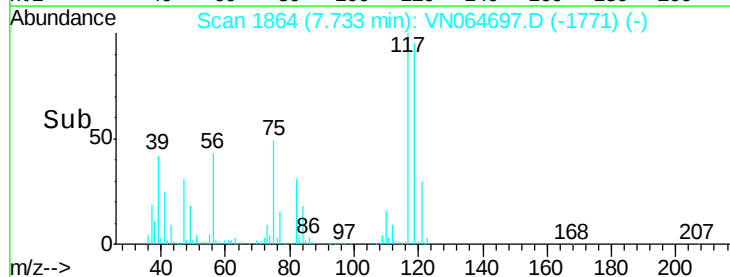
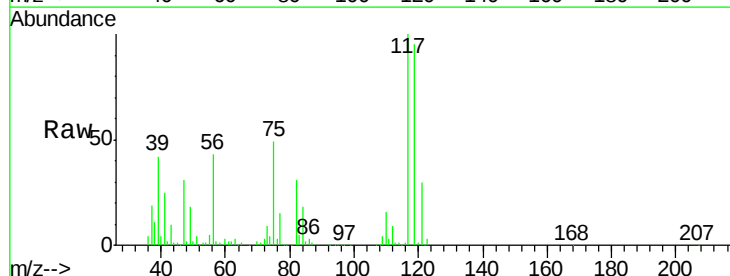
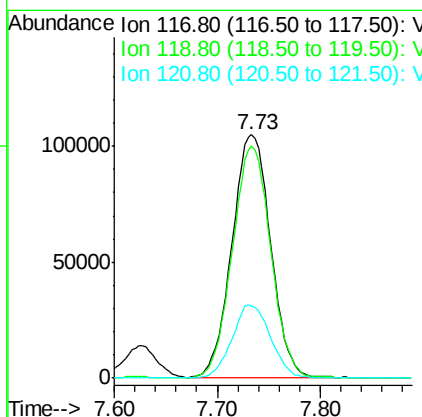
Manual Integrations
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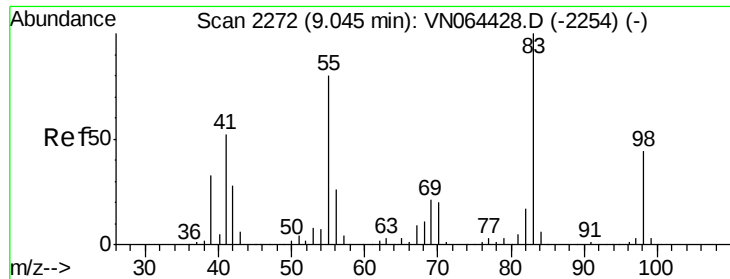
MMDadoda
11/18/2020 5:16:01 PM



#38
Carbon Tetrachloride
Concen: 49.190 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.5	113.3
121	29.9	24.4	36.6





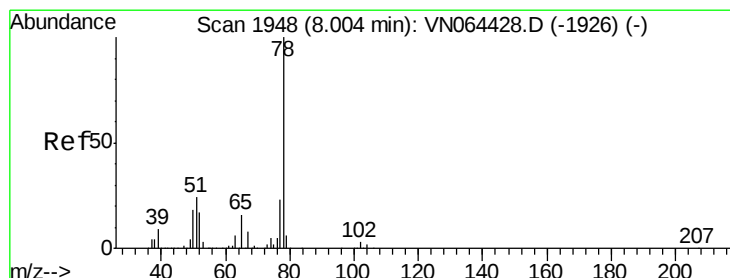
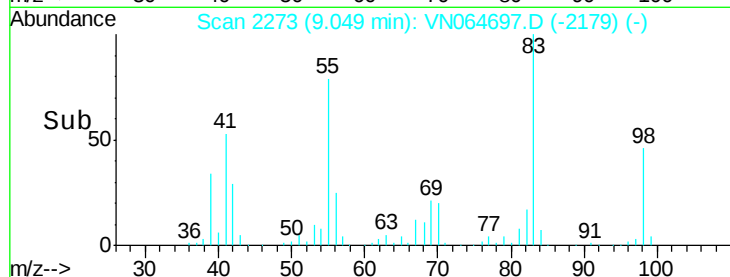
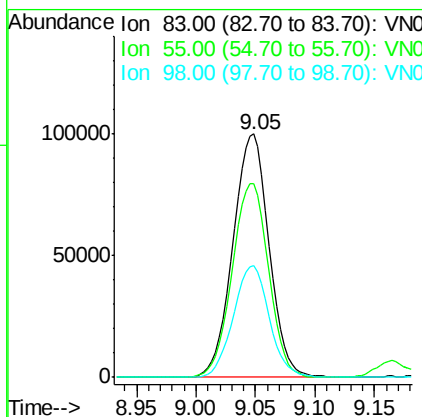
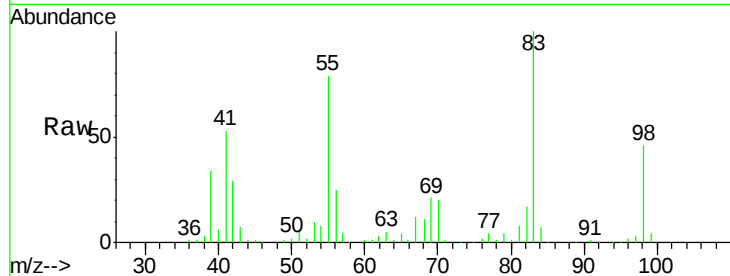
#39
Methvlcvclohexane
Concen: 45.272 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.3	63.8	95.6
98	45.7	35.4	53.2

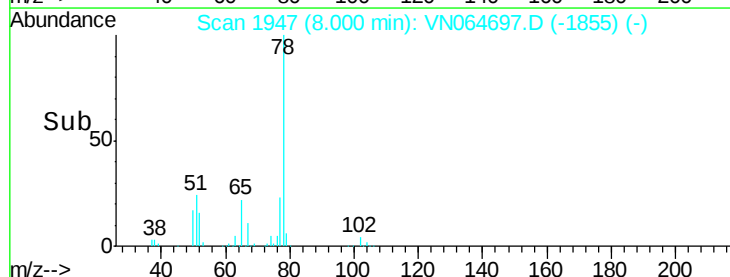
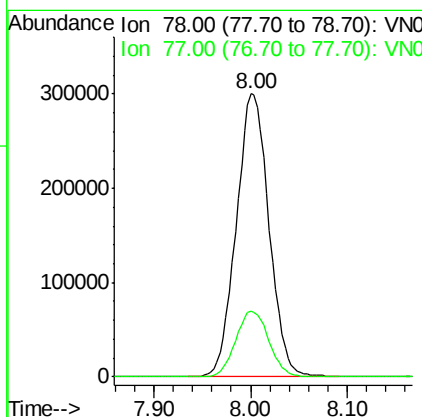
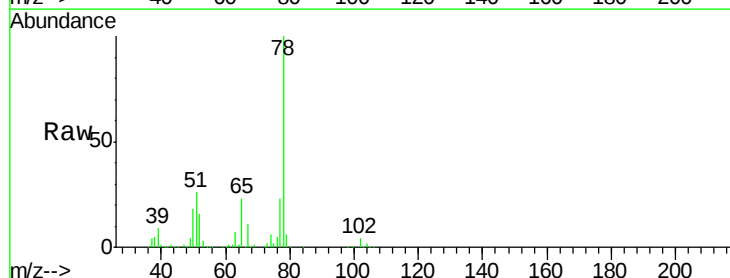
Manual Integrations
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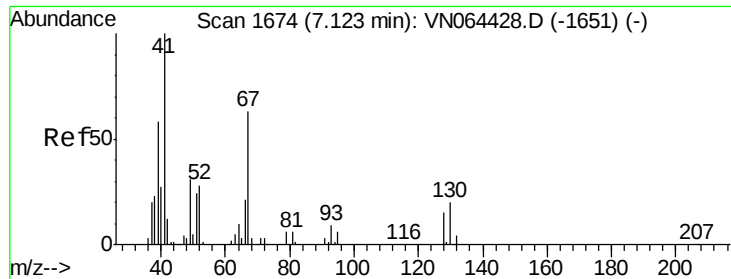
MMDadoda
11/18/2020 5:16:01 PM



#40
Benzene
Concen: 46.287 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.7	28.1





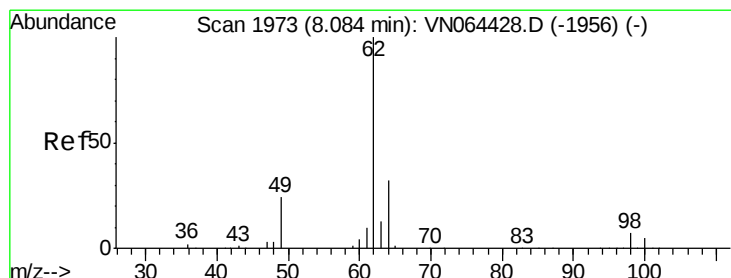
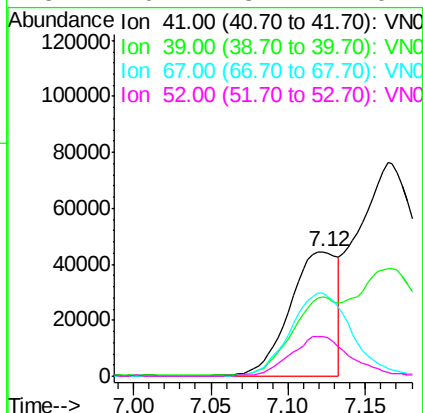
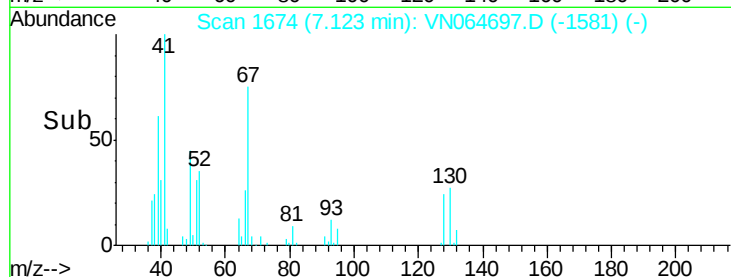
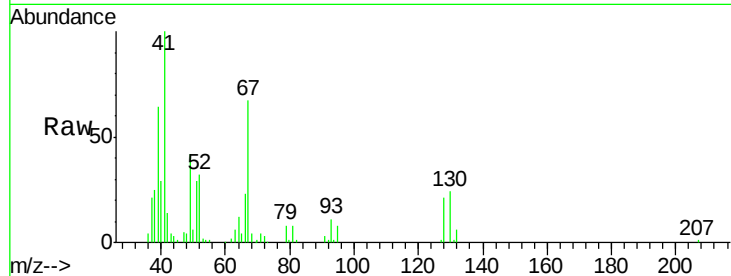
#41
Methacrylonitrile
Concen: 41.688 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	59.0	50.0	75.0	
67	87.1	68.3	102.5	
52	40.7	32.7	49.1	

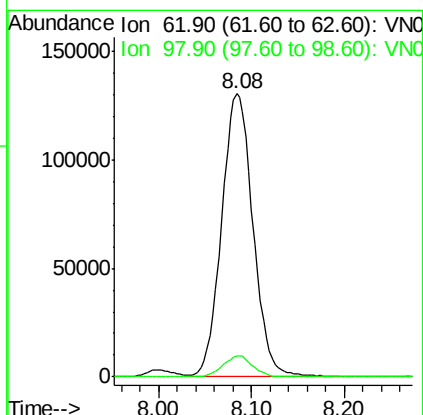
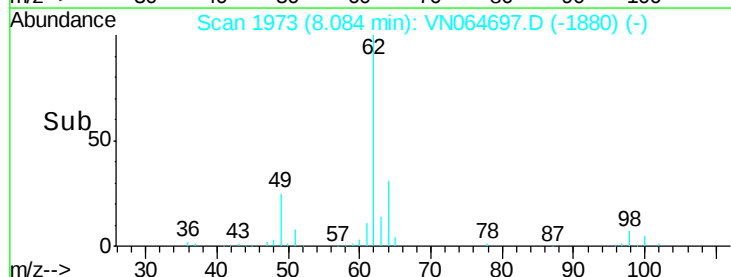
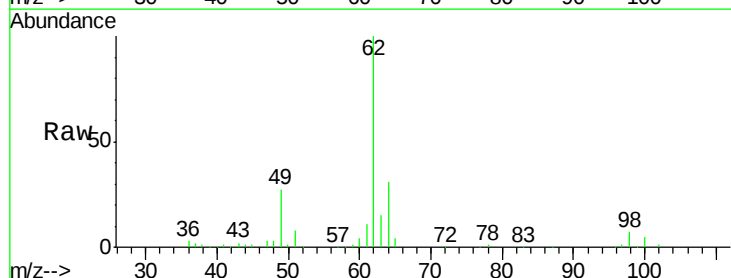
Manual Integrations
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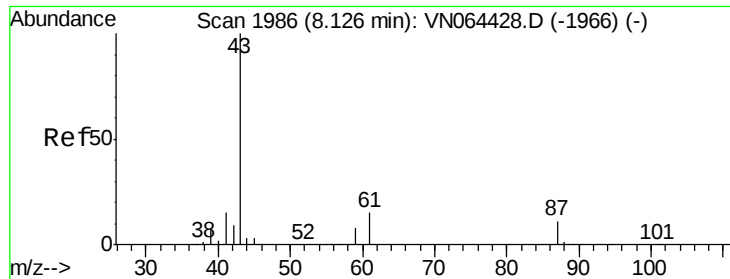
MMDadoda
11/18/2020 5:16:01 PM



#42
1,2-Dichloroethane
Concen: 49.628 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.0	0.0	14.0	





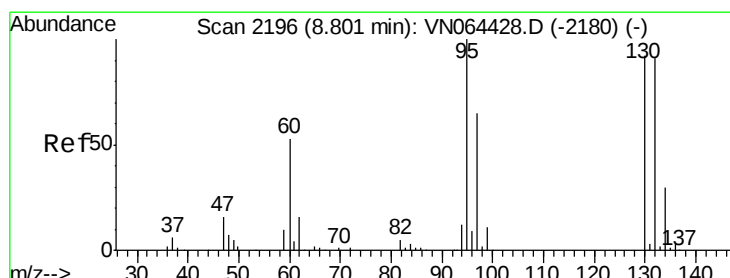
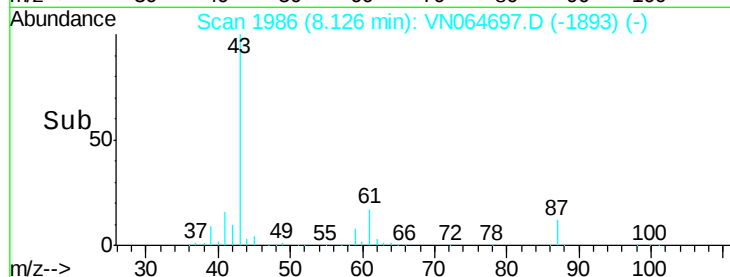
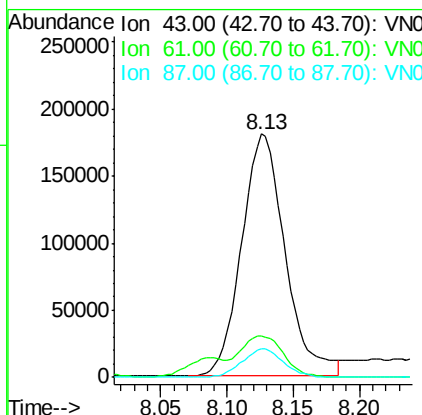
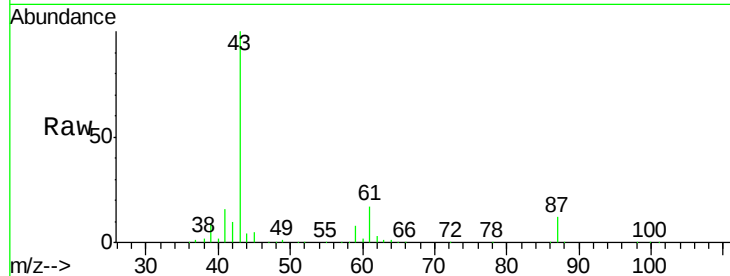
#43
Isopropyl Acetate
Concen: 49.049 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.7	14.0	21.0
87	11.2	9.1	13.7

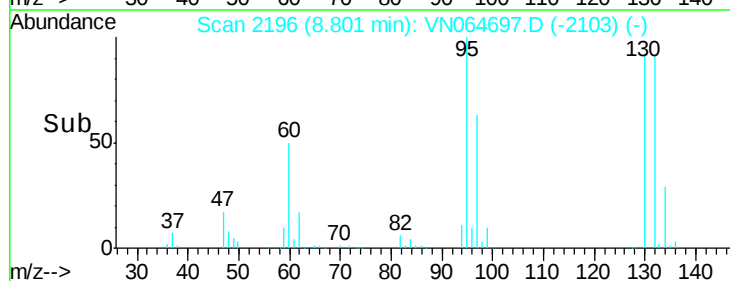
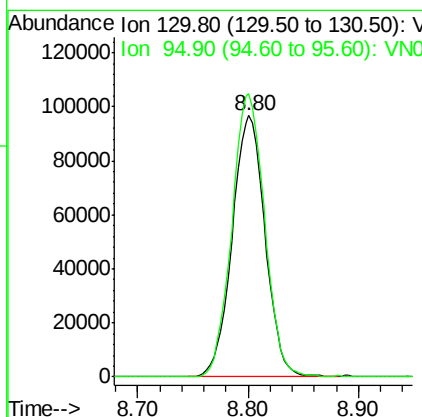
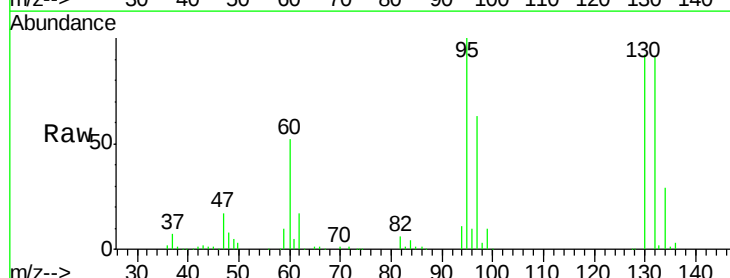
Manual Integrations
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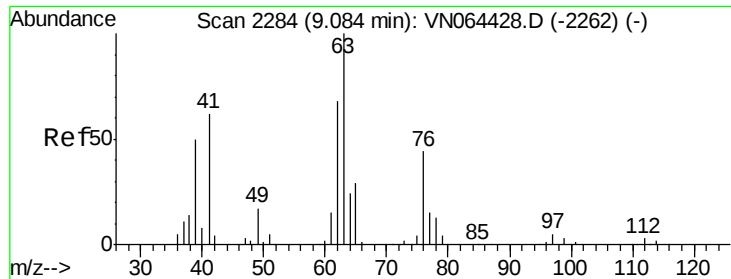
MMDadoda
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#44
Trichloroethene
Concen: 52.011 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	108.1	0.0	216.8





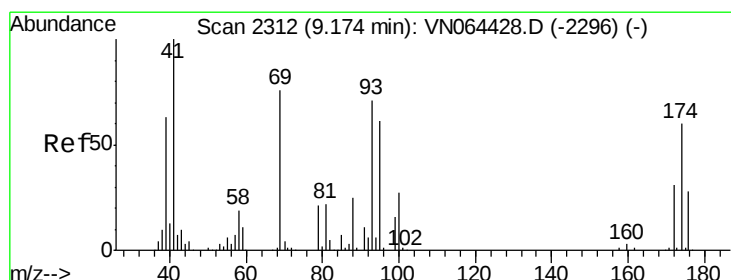
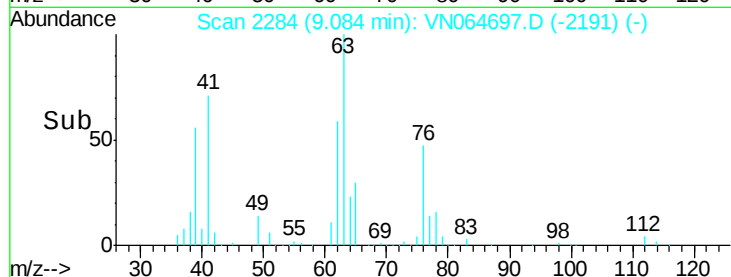
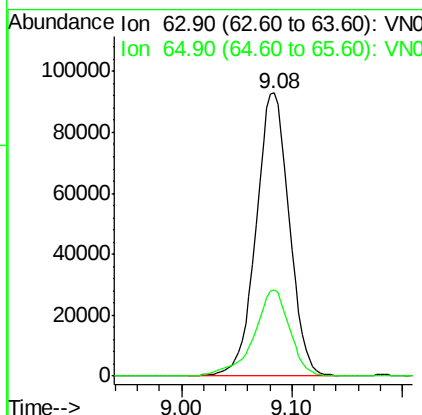
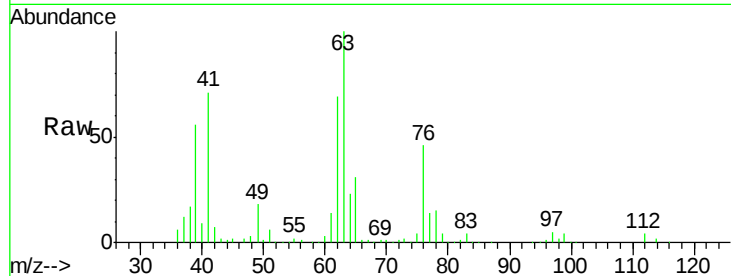
#45
 1,2-Dichloropropane
 Concen: 47.657 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 193701
 Ion Ratio Lower Upper
 63 100
 65 30.7 23.6 35.4

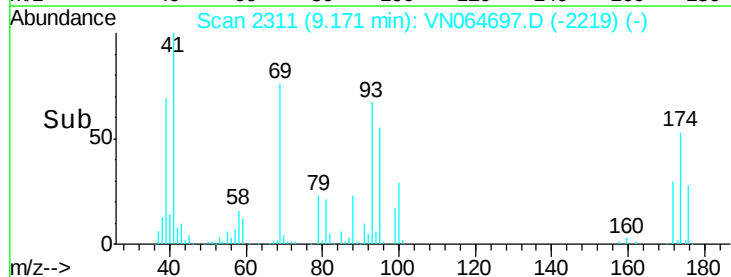
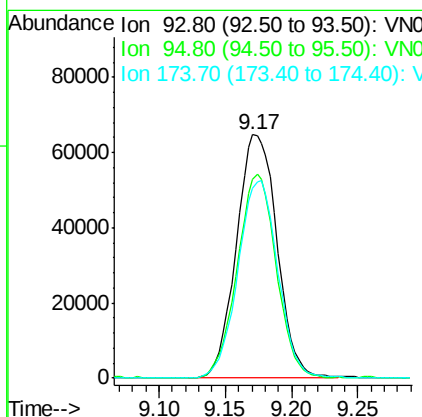
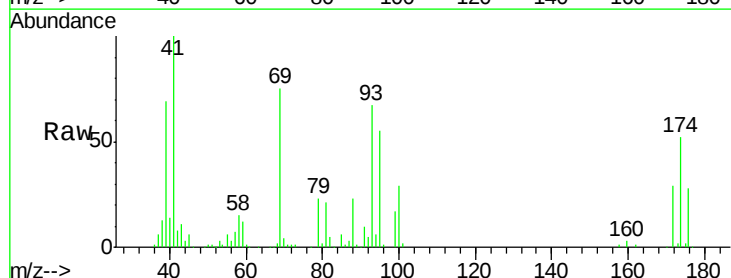
Manual Integrations
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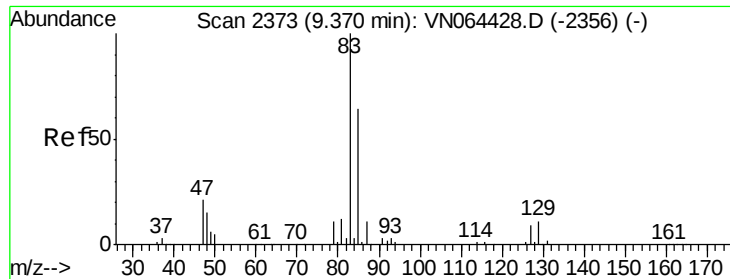
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 11/18/2020 5:16:01 PM



#46
 Dibromomethane
 Concen: 51.502 ug/l
 RT: 9.17 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Tgt Ion: 93 Resp: 137799
 Ion Ratio Lower Upper
 93 100
 95 80.5 66.4 99.6
 174 80.0 67.2 100.8





#47

Bromodichloromethane

Concen: 50.254 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Instrument :

MSVOA_N

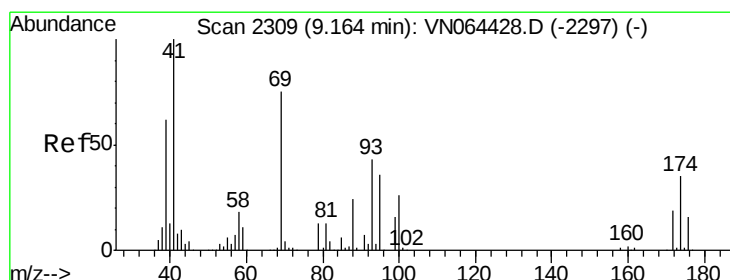
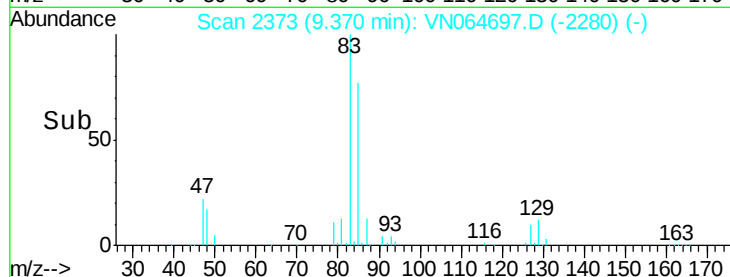
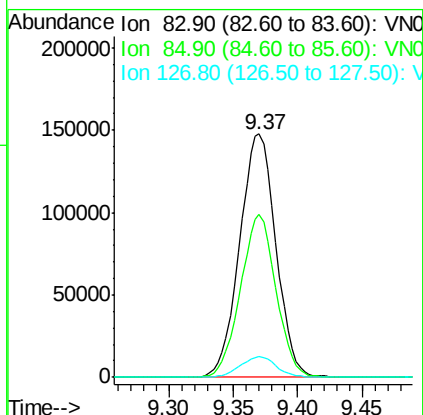
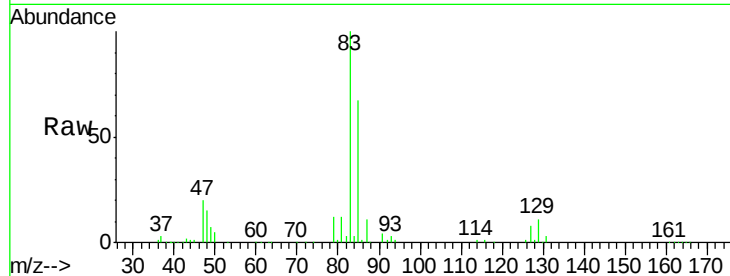
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	289117
Ion Ratio	Lower	Upper	
83	100		
85	66.8	51.2	76.8
127	8.4	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 46.460 ug/l

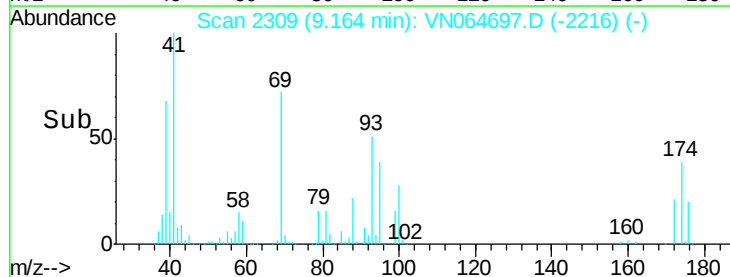
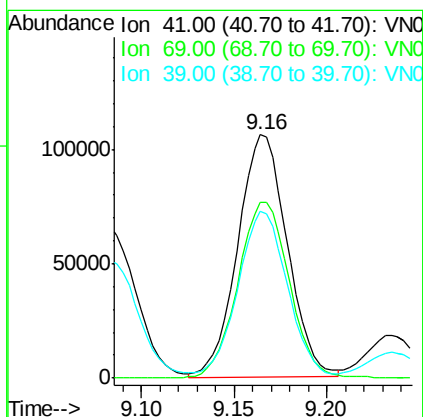
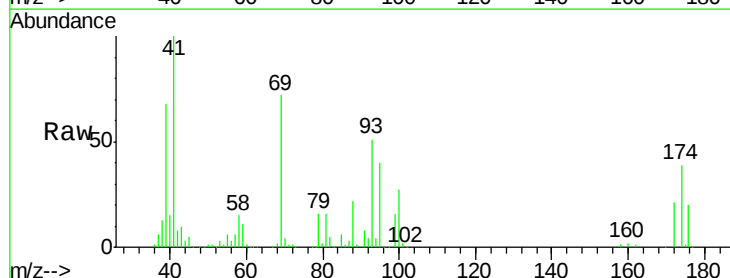
RT: 9.16 min Scan# 2309

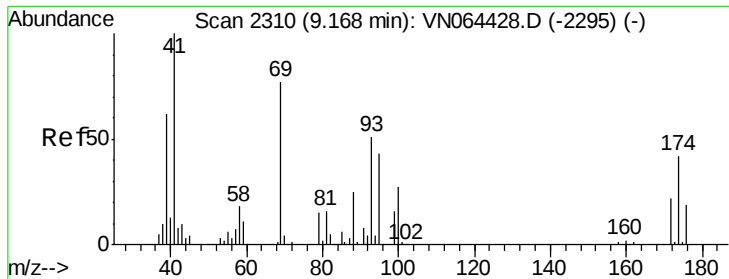
Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Tgt Ion:	41	Resp:	196950
Ion Ratio	Lower	Upper	
41	100		
69	75.5	60.4	90.6
39	68.6	51.2	76.8





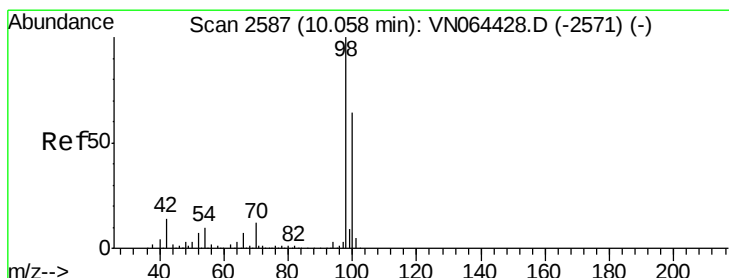
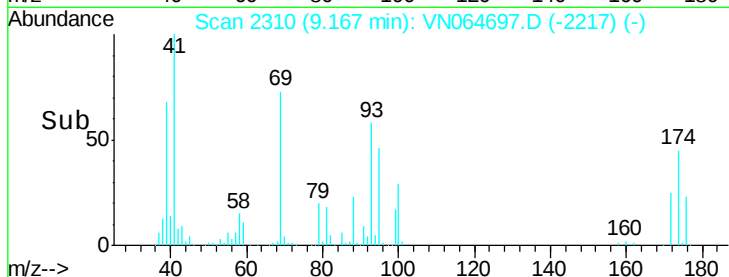
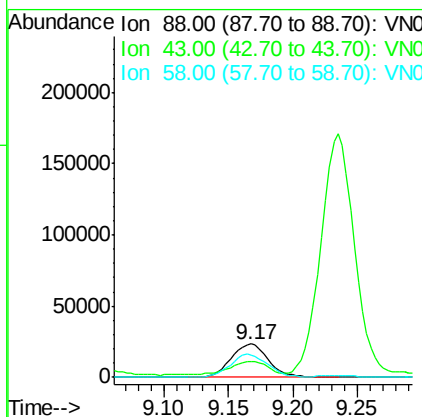
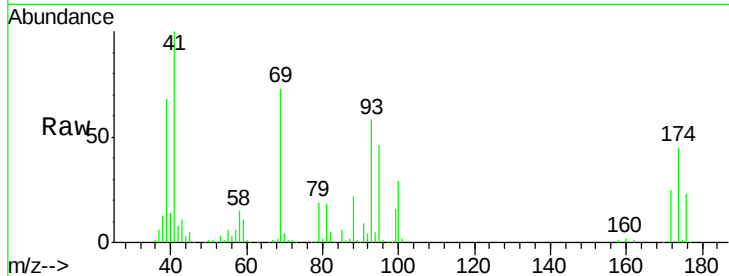
#49
1,4-Dioxane
Concen: 850.589 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 47493
Ion Ratio Lower Upper
88 100
43 39.5 31.0 46.6
58 70.5 58.4 87.6

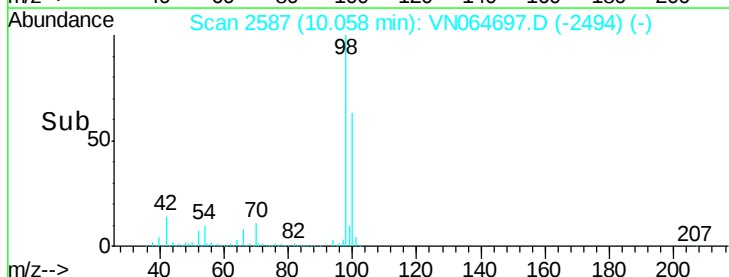
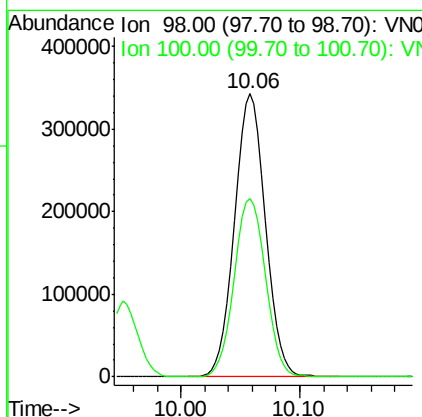
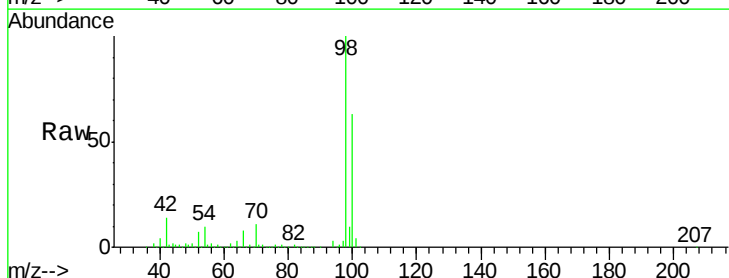
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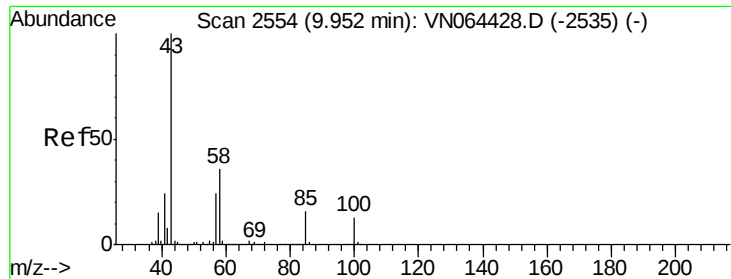
MMDadoda
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#50
Toluene-d8
Concen: 47.874 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tgt Ion: 98 Resp: 618195
Ion Ratio Lower Upper
98 100
100 63.8 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 238.929 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1170556

Ion Ratio Lower Upper

43 100

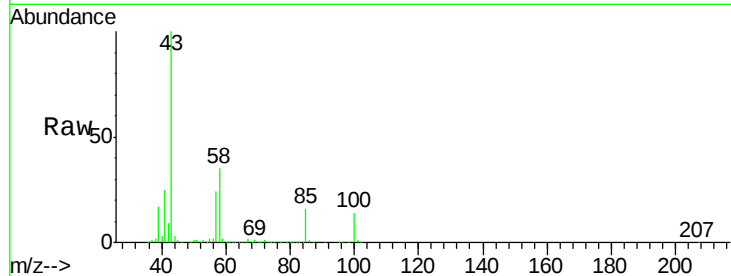
58 35.6 28.4 42.6

Manual Integrations

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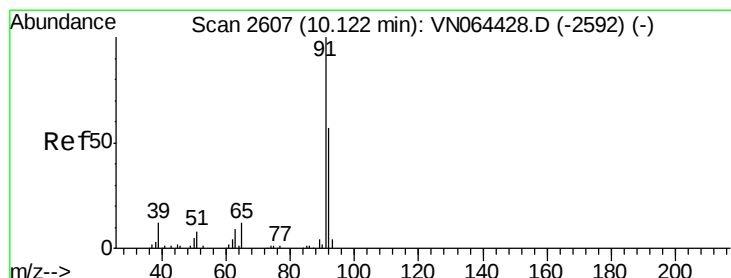
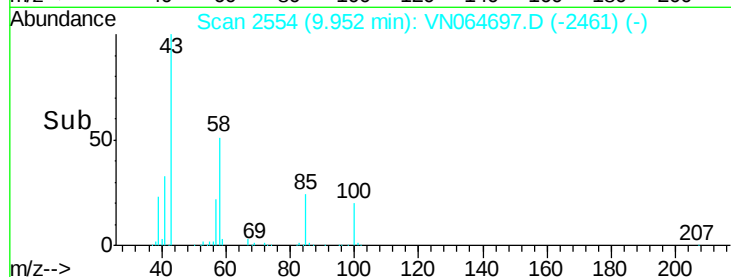
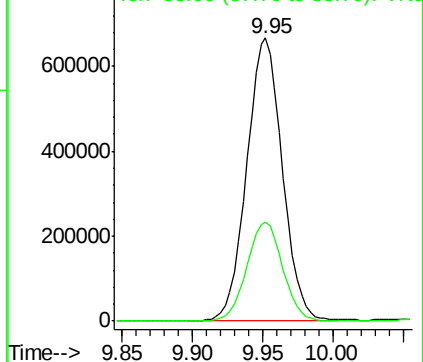
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 49.092 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064697.D

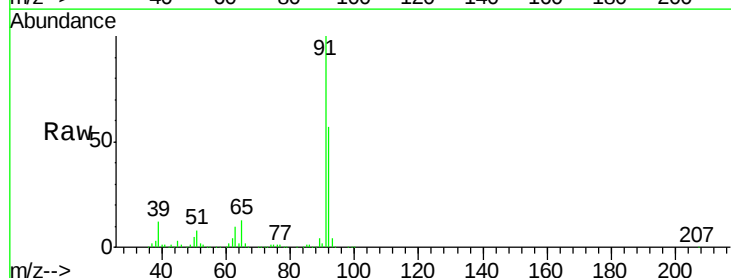
Acq: 17 Nov 2020 21:55

Tgt Ion: 92 Resp: 456106

Ion Ratio Lower Upper

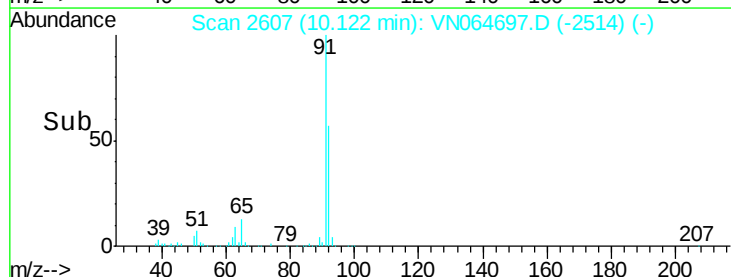
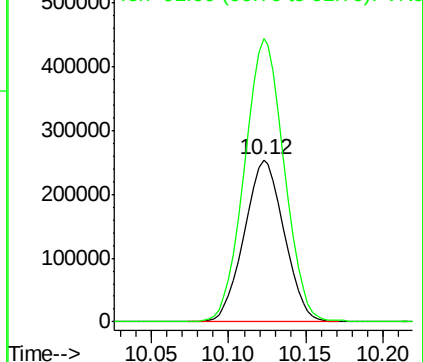
92 100

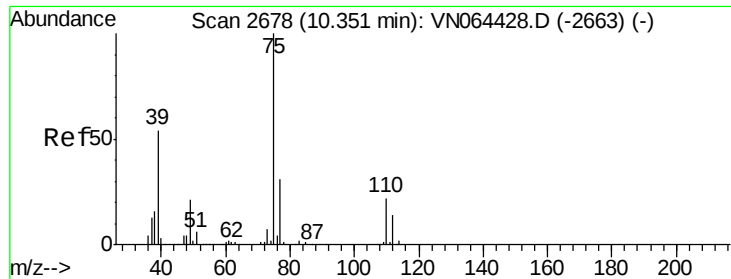
91 174.6 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 52.445 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 319878

Ion Ratio Lower Upper

75 100

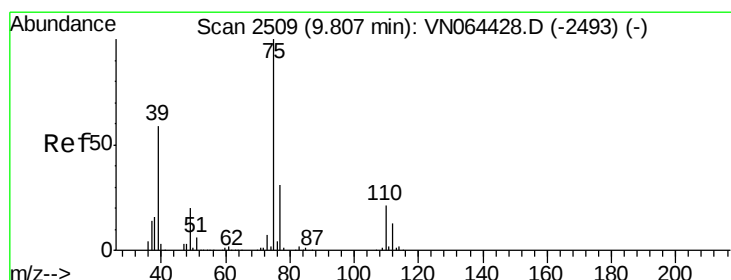
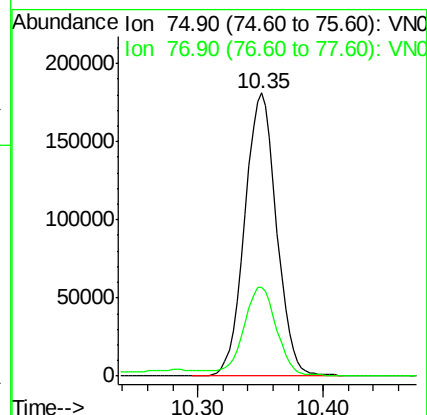
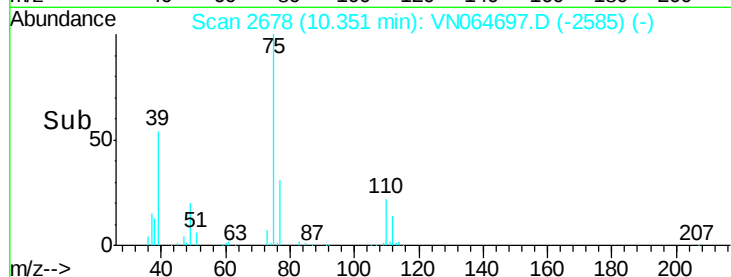
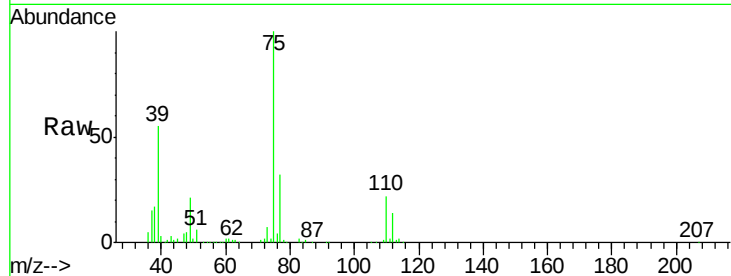
77 31.3 24.8 37.2

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#54

cis-1,3-Dichloropropene

Concen: 47.406 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

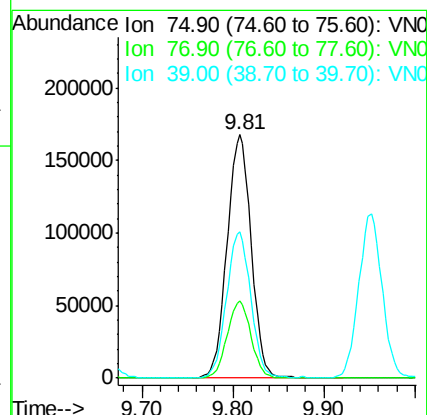
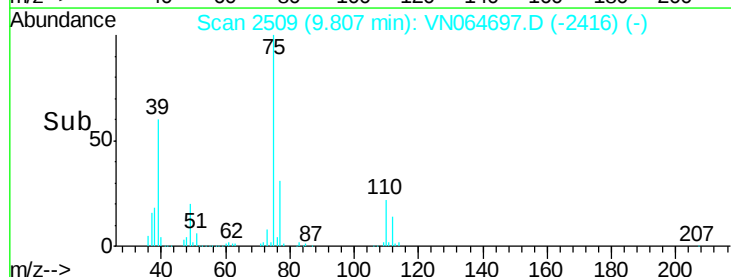
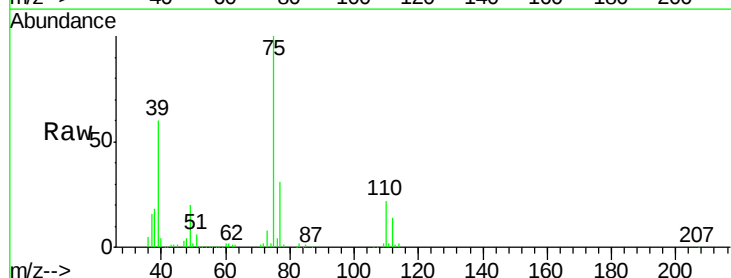
Tgt Ion: 75 Resp: 309144

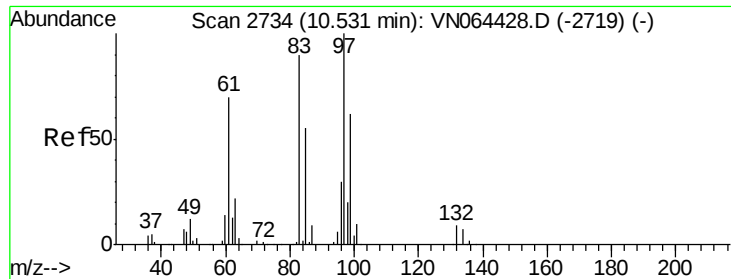
Ion Ratio Lower Upper

75 100

77 31.5 24.9 37.3

39 60.0 47.1 70.7





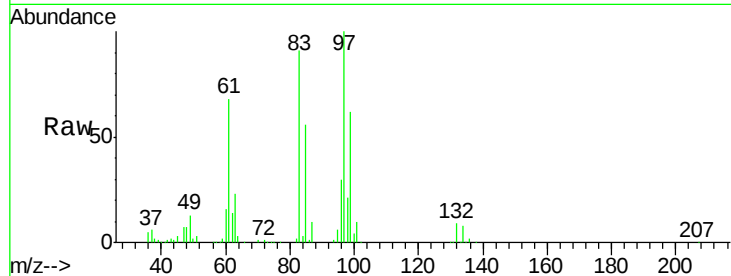
#55
 1,1,2-Trichloroethane
 Concen: 50.856 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		184269		
83	91.5	71.7	107.5		
85	55.9	44.3	66.5		
99	62.1	49.4	74.2		

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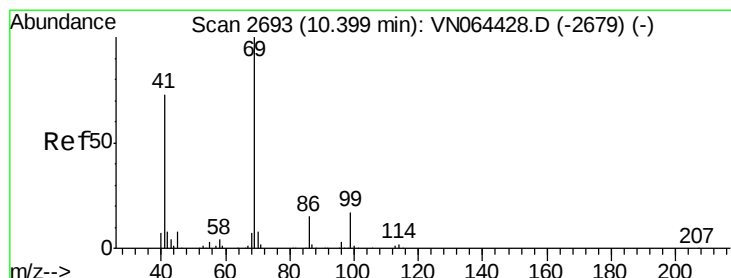
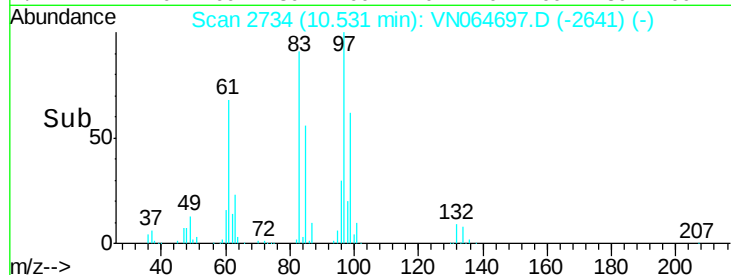
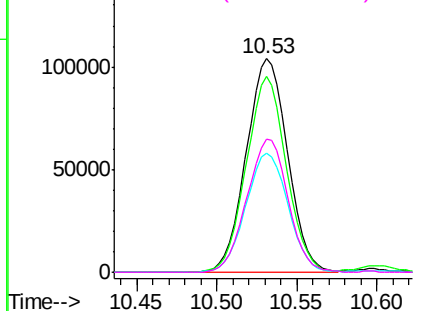


Abundance Ion 96.90 (96.60 to 97.60): VN064697.D (-2641) (-)

Ion 82.90 (82.60 to 83.60): VN064697.D (-2641) (-)

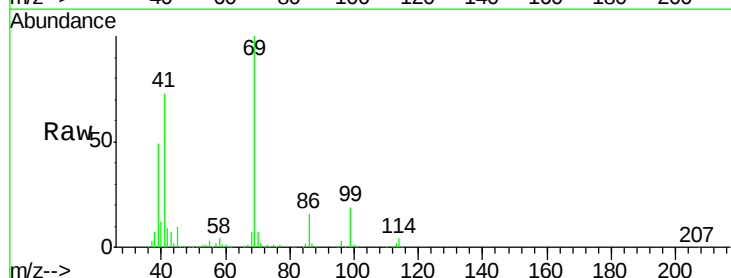
Ion 84.90 (84.60 to 85.60): VN064697.D (-2641) (-)

Ion 98.90 (98.60 to 99.60): VN064697.D (-2641) (-)



#56
 Ethyl methacrylate
 Concen: 46.070 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

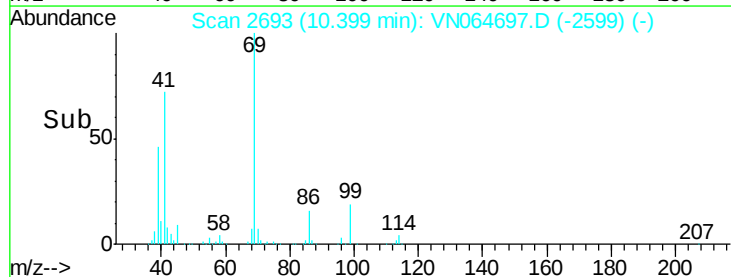
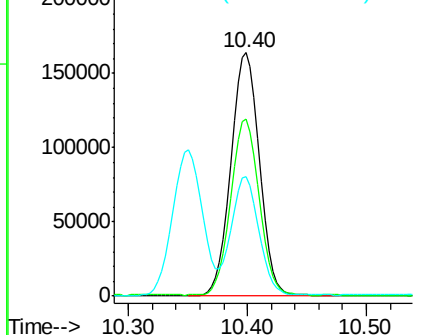
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		273748		
41	71.7	59.3	88.9		
39	46.5	35.4	53.0		

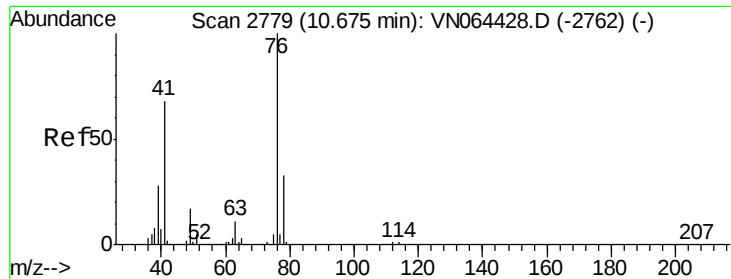


Abundance Ion 69.00 (68.70 to 69.70): VN064697.D (-2599) (-)

Ion 41.00 (40.70 to 41.70): VN064697.D (-2599) (-)

Ion 39.00 (38.70 to 39.70): VN064697.D (-2599) (-)





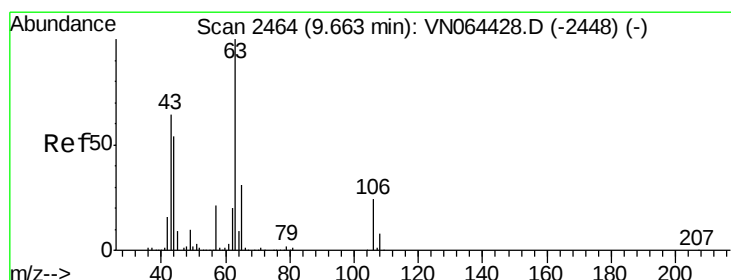
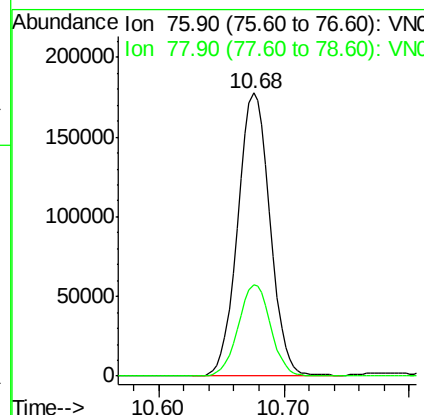
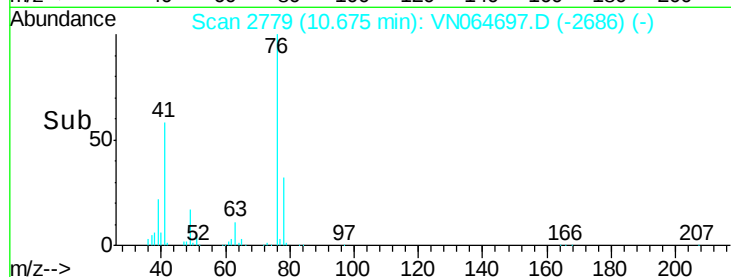
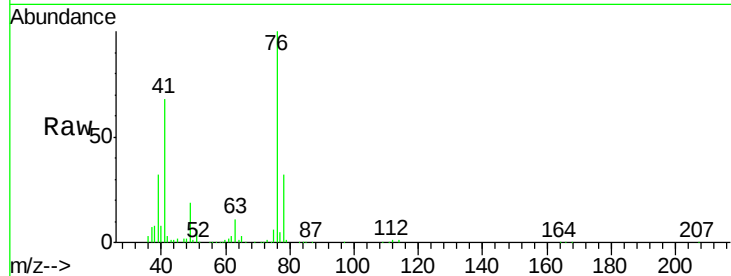
#57
 1,3-Dichloropropane
 Concen: 50.226 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 317653
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6

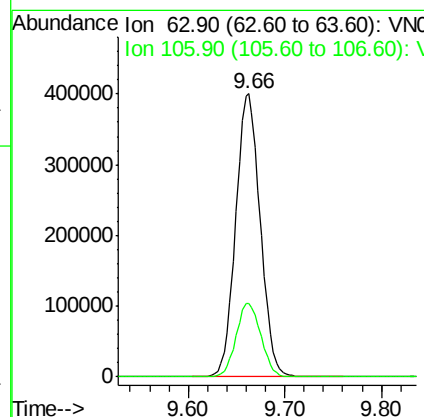
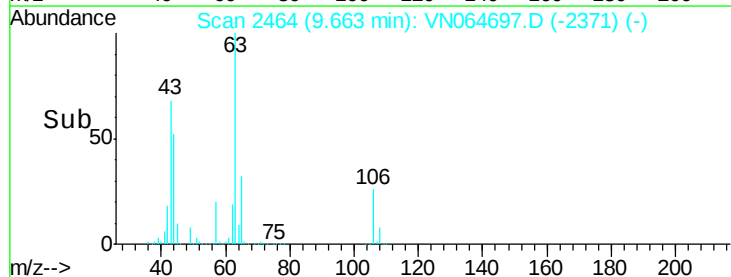
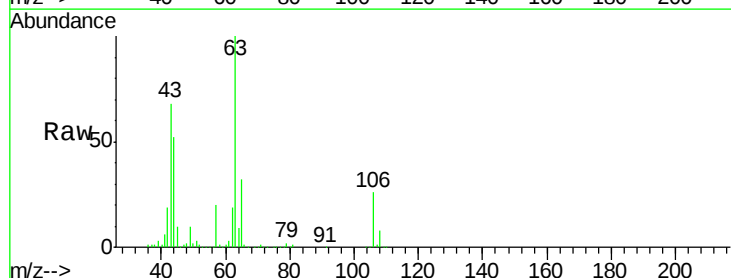
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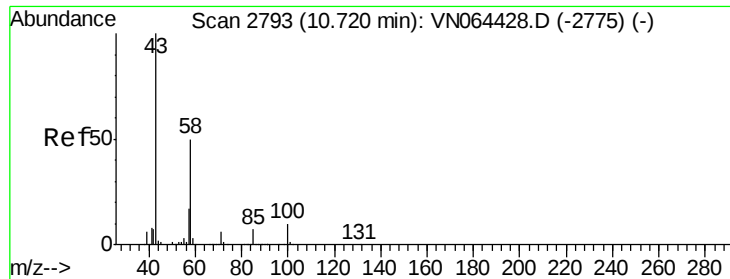
MMDadoda
 11/18/2020 5:16:01 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 250.211 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Tgt Ion: 63 Resp: 704881
 Ion Ratio Lower Upper
 63 100
 106 26.2 19.5 29.3





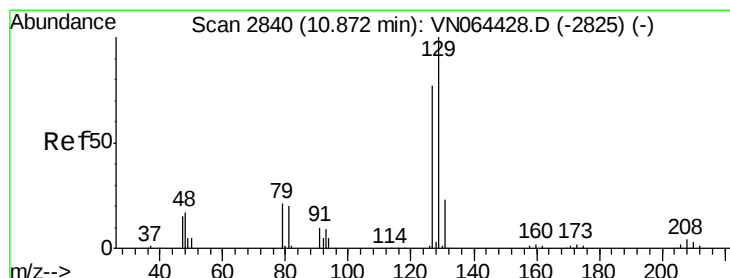
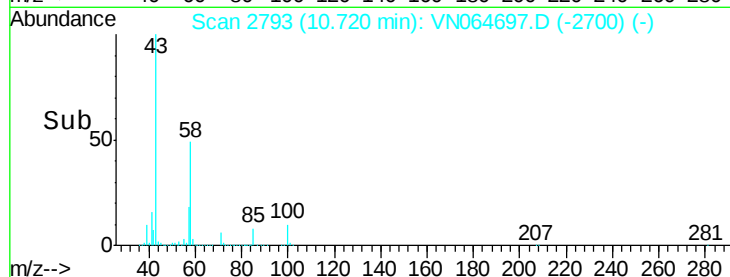
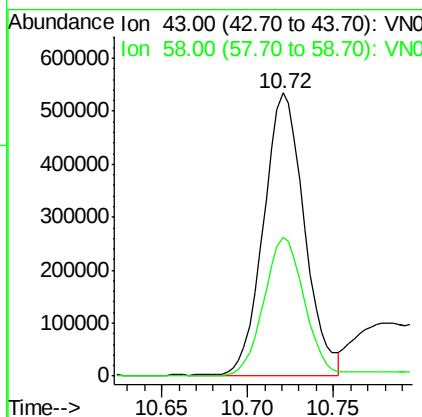
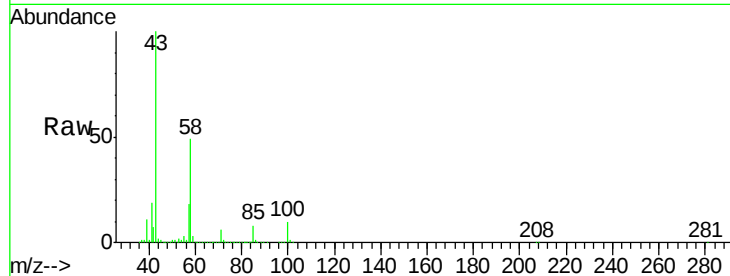
#59
2-Hexanone
Concen: 219.053 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 873091
Ion Ratio Lower Upper
43 100
58 49.0 24.7 74.1

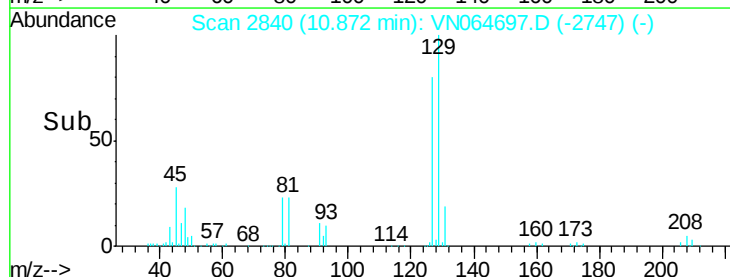
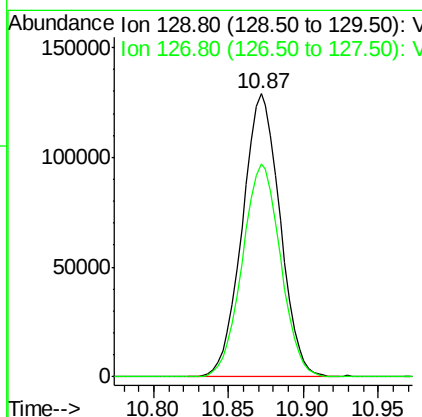
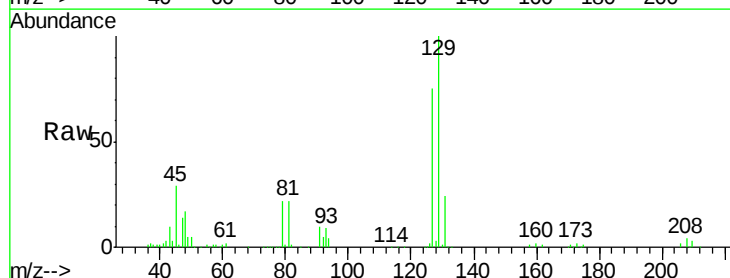
Manual Integrations
APPROVED

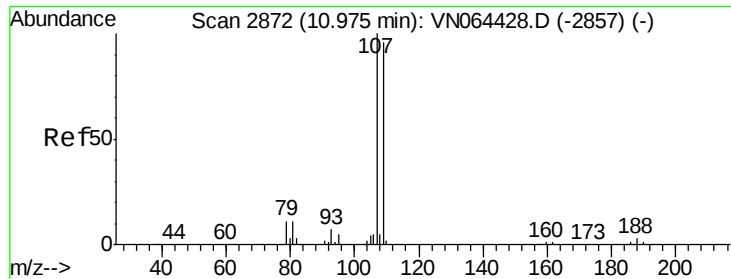
MMDadoda
11/18/2020 5:16:01 PM



#60
Dibromochloromethane
Concen: 55.841 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tgt Ion: 129 Resp: 226532
Ion Ratio Lower Upper
129 100
127 76.2 38.9 116.7





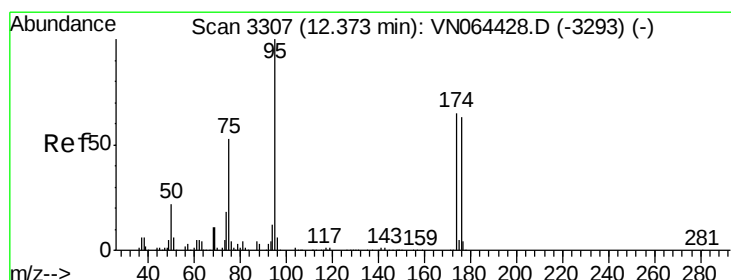
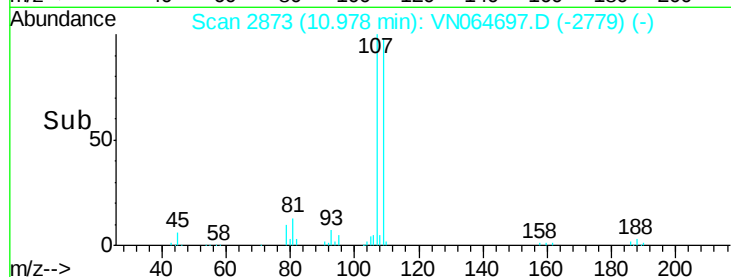
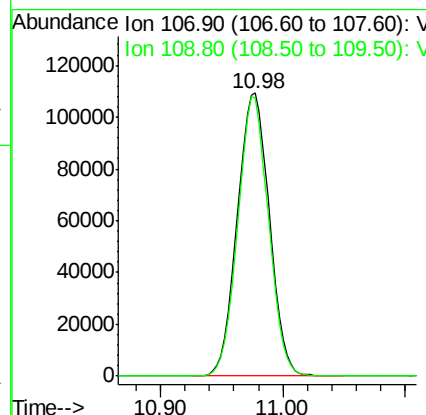
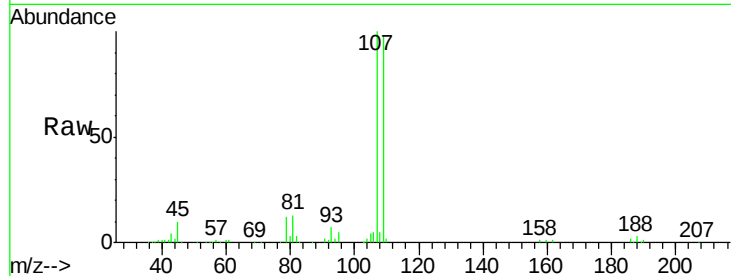
#61
 1,2-Dibromoethane
 Concen: 54.285 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.9	113.9

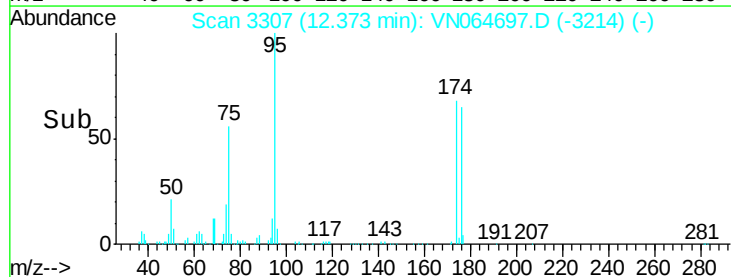
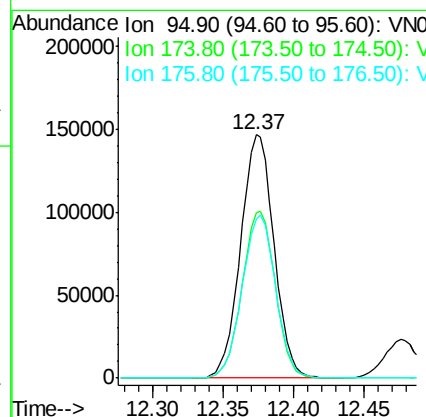
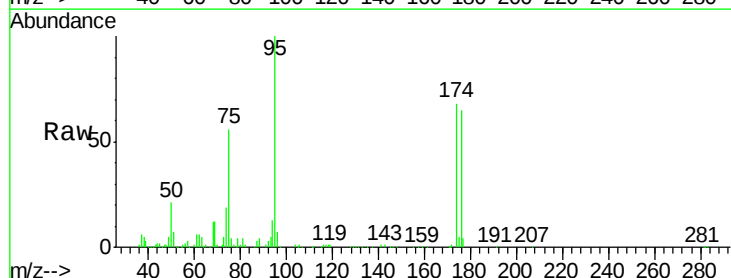
Manual Integrations
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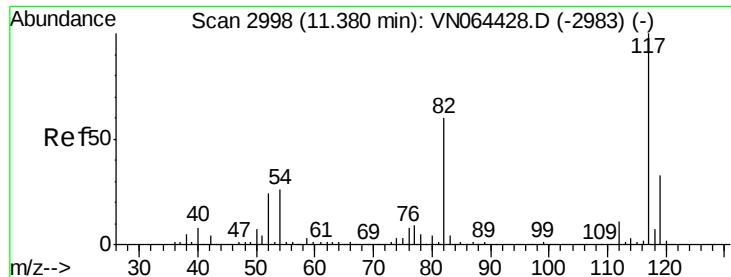
MMDadoda
 11/18/2020 5:16:01 PM



#62
 4-Bromofluorobenzene
 Concen: 49.956 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Tgt Ion	Ratio	Lower	Upper
95	100		
174	68.1	0.0	132.6
176	67.5	0.0	129.2





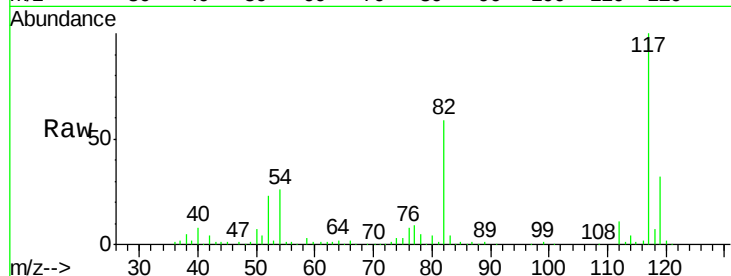
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

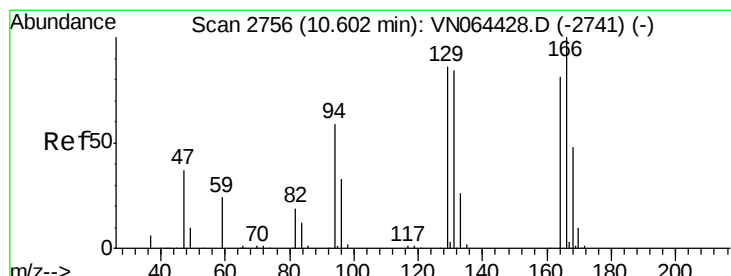
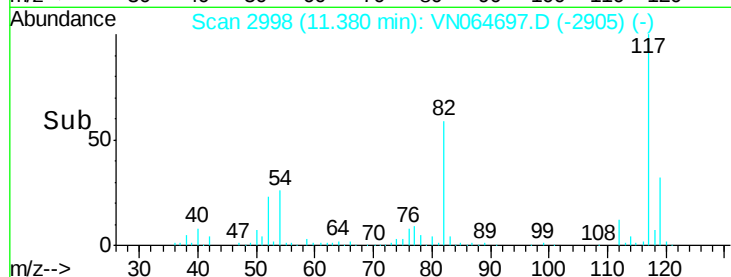
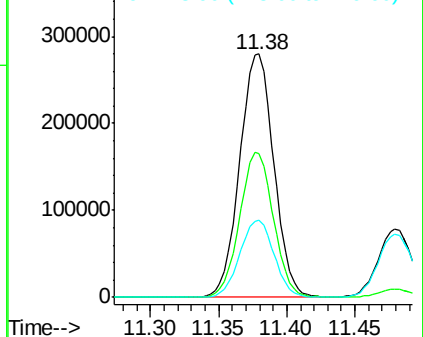
Tot Ion	Ratio	Lower	Upper
117	100		
82	58.8	48.1	72.1
119	31.9	26.2	39.4

Manual Integrations
APPROVED

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11/18/2020 5:16:01 PM



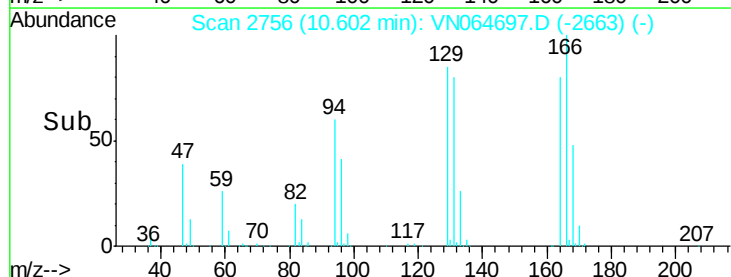
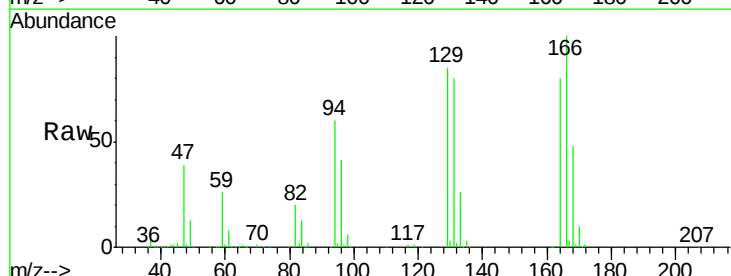
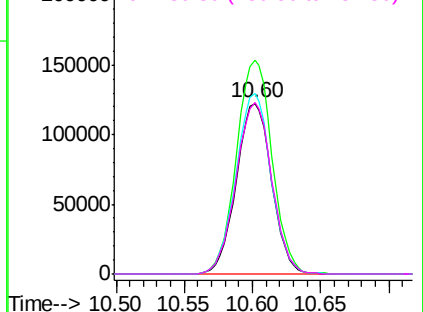
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

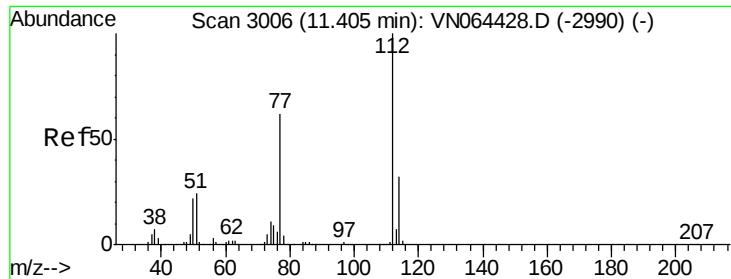


#64
Tetrachloroethene
Concen: 58.561 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.2	98.2	147.2
129	106.1	84.6	127.0
131	100.2	82.2	123.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





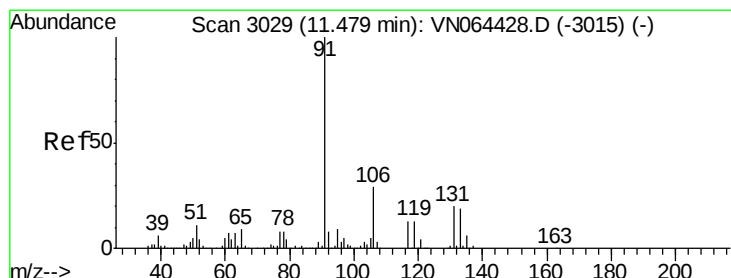
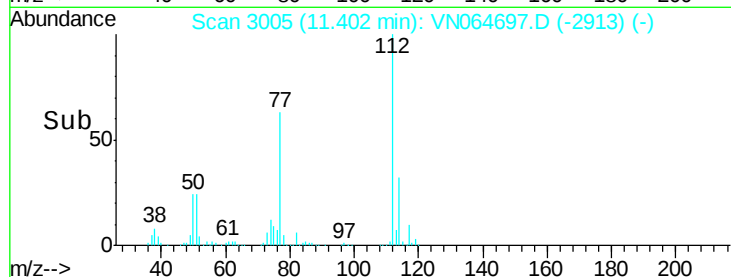
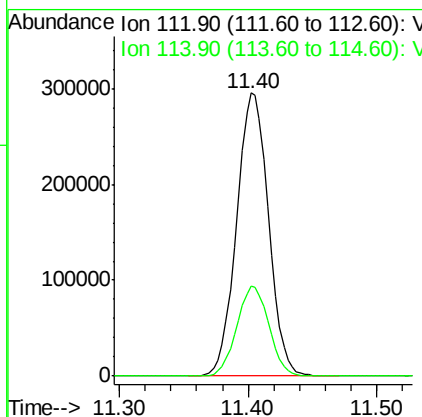
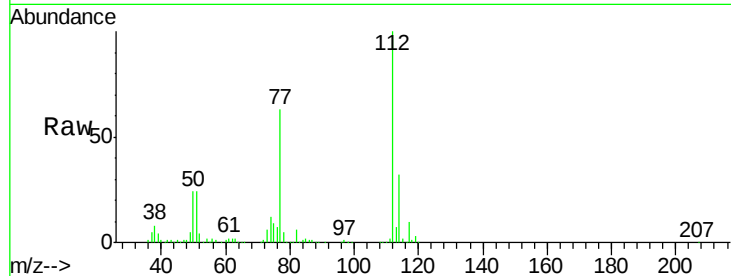
#65
Chlorobenzene
Concen: 47.624 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.6	38.4

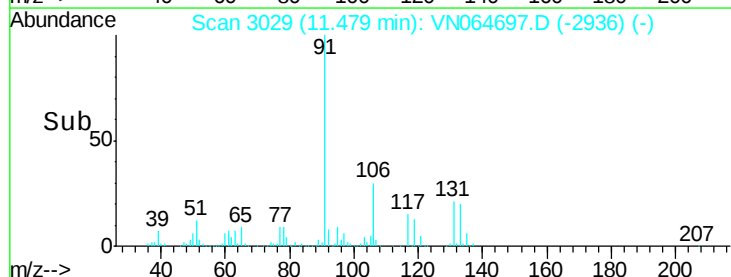
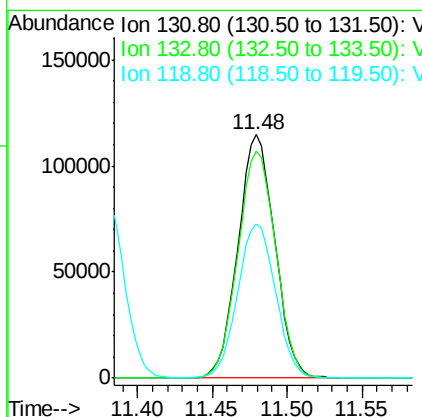
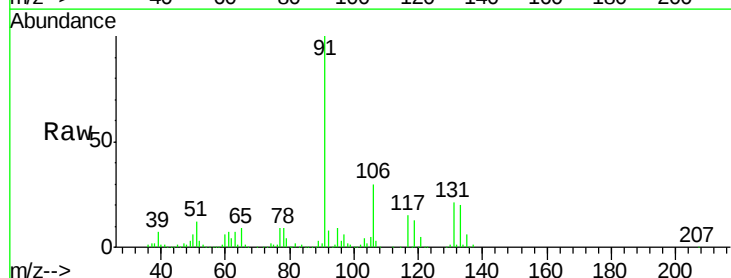
Manual Integrations
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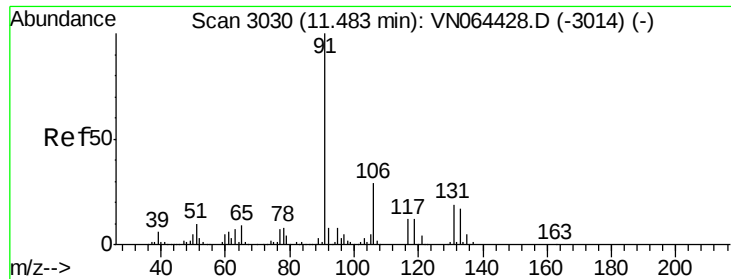
MMDadoda
11/18/2020 5:16:01 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.406 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.1	46.9	140.7
119	64.9	32.1	96.5





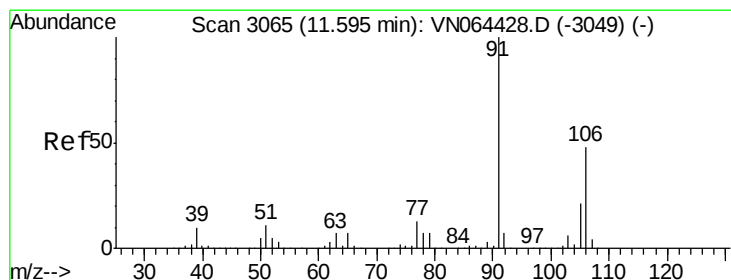
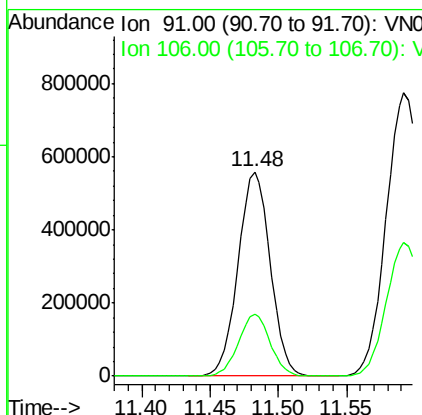
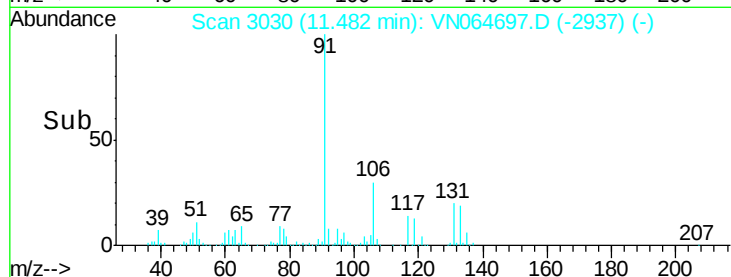
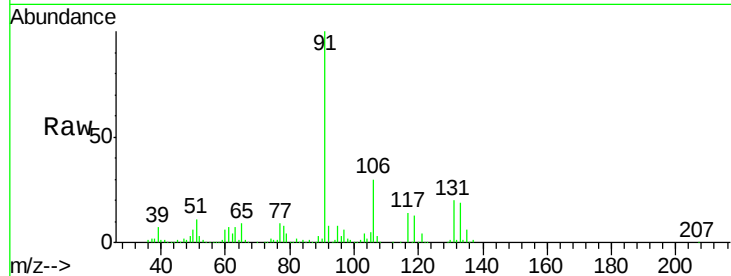
#67
Ethyl Benzene
Concen: 48.331 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 916702
Ion Ratio Lower Upper
91 100
106 30.2 23.6 35.4

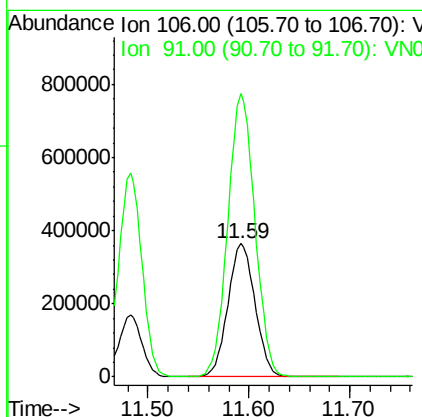
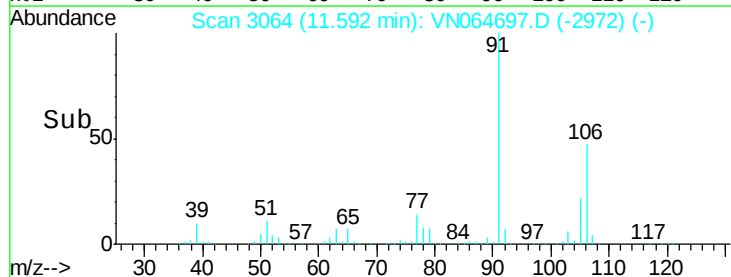
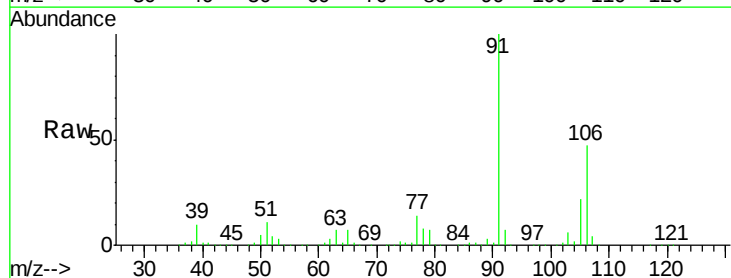
Manual Integrations
APPROVED

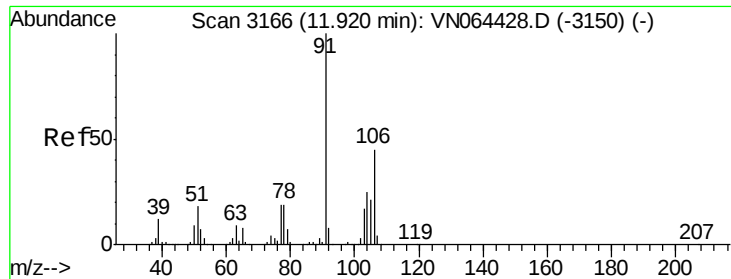
MMDadoda
11/18/2020 5:16:01 PM



#68
m/p-Xylenes
Concen: 99.097 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tgt Ion: 106 Resp: 681661
Ion Ratio Lower Upper
106 100
91 212.4 169.4 254.2





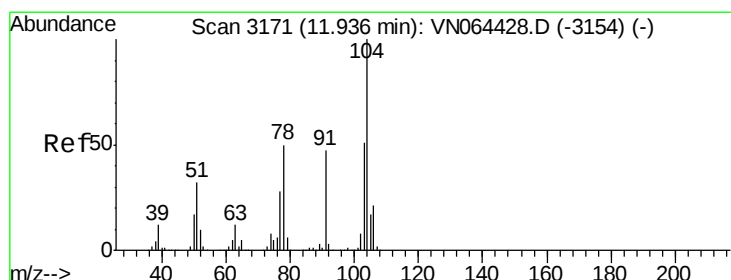
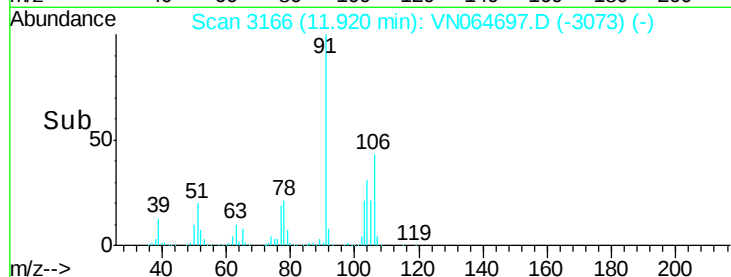
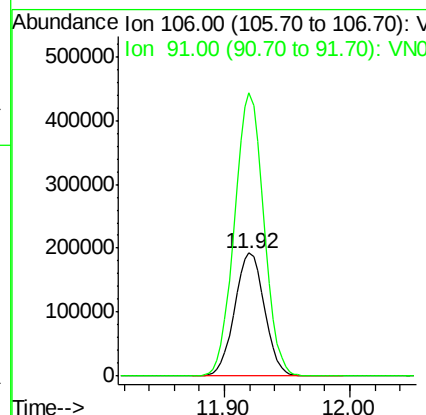
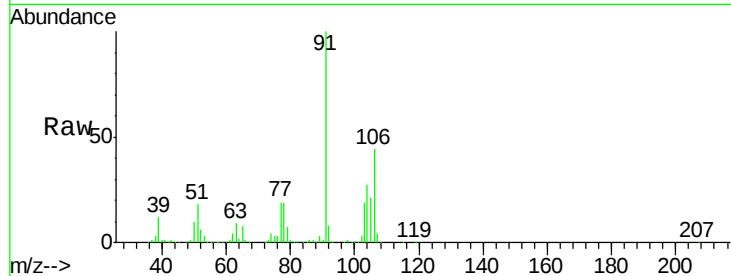
#69
o-Xylene
Concen: 48.043 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 319341
Ion Ratio Lower Upper
106 100
91 225.5 111.7 334.9

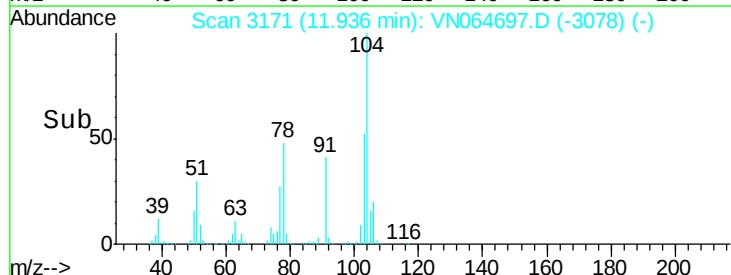
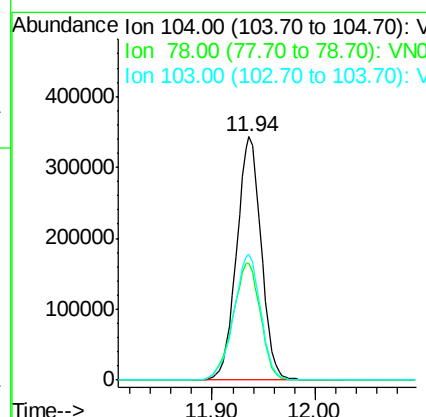
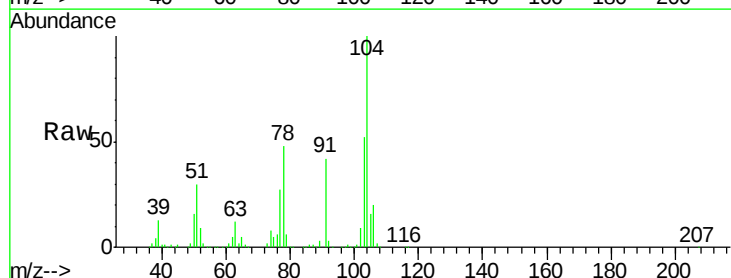
Manual Integrations
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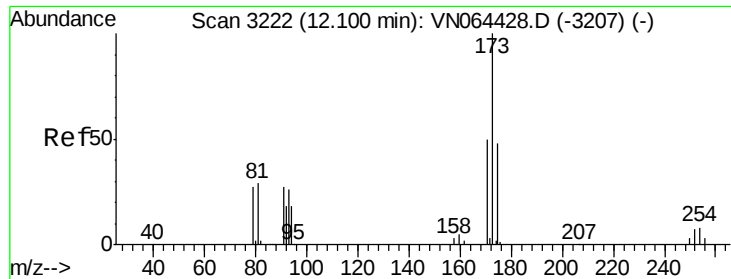
MMDadoda
11/18/2020 5:16:01 PM



#70
Styrene
Concen: 51.014 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tgt Ion:104 Resp: 570600
Ion Ratio Lower Upper
104 100
78 53.9 44.0 66.0
103 56.3 43.8 65.6





#71

Bromoform

Concen: 47.463 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 141576

Ion Ratio Lower Upper

173 100

175 47.7 23.7 71.1

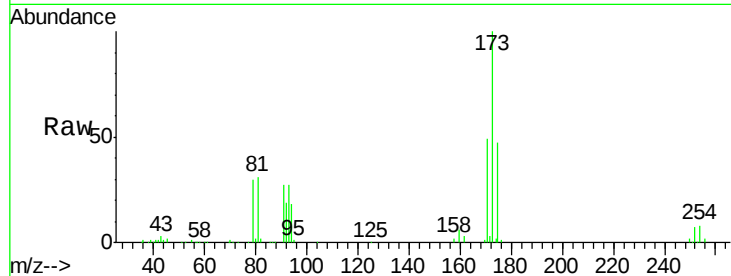
254 0.0 0.0 0.0

Manual Integrations

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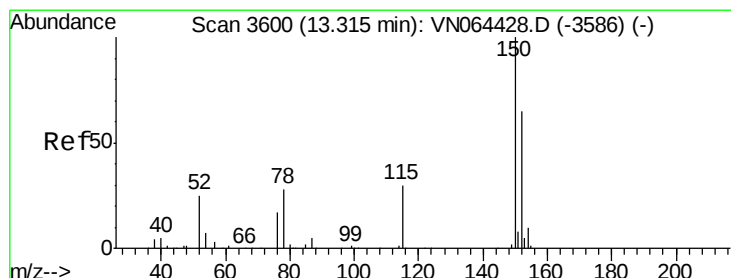
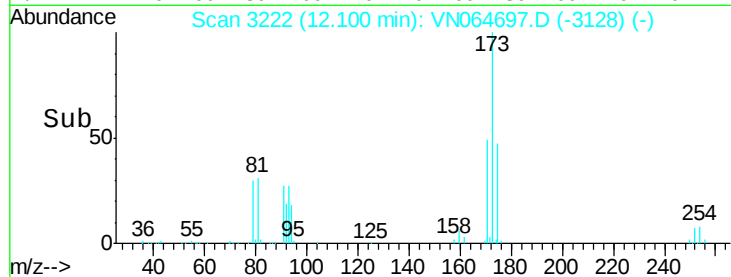
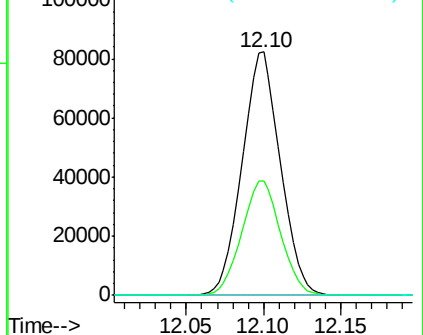
11/18/2020 5:16:01 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

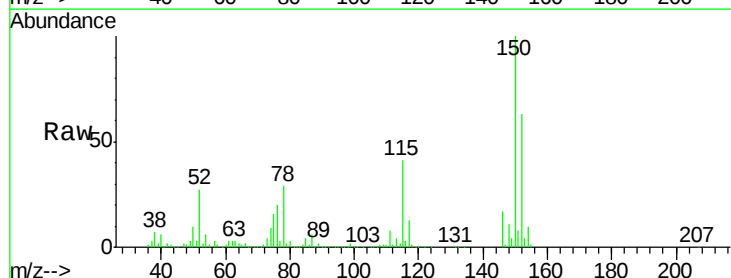
Tgt Ion:152 Resp: 242476

Ion Ratio Lower Upper

152 100

115 65.1 32.0 96.0

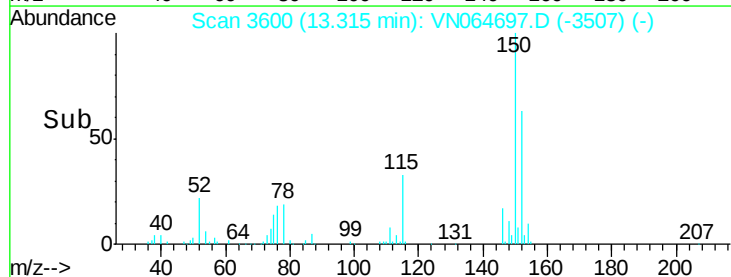
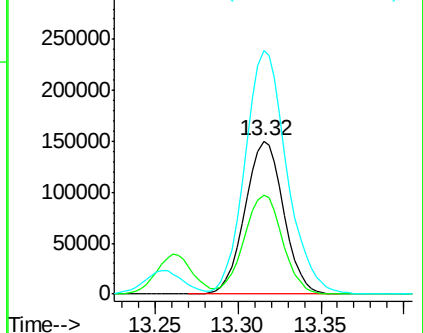
150 173.1 0.0 353.8

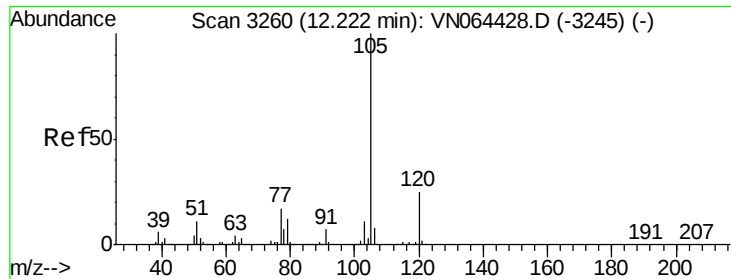


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





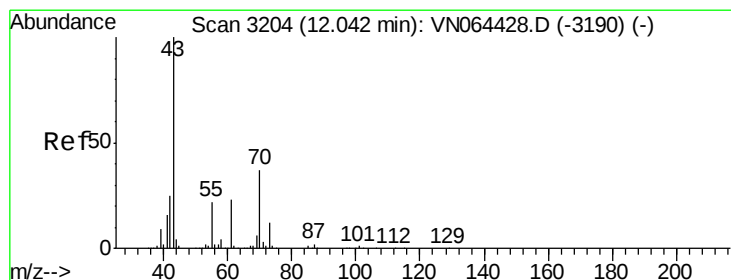
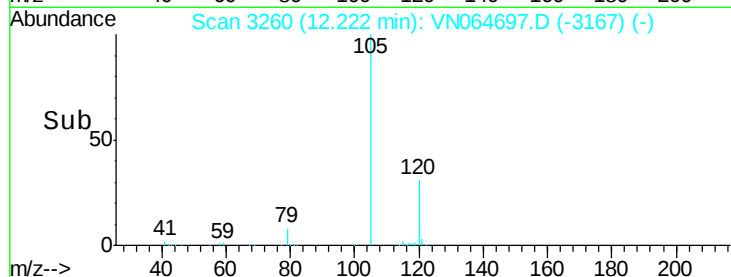
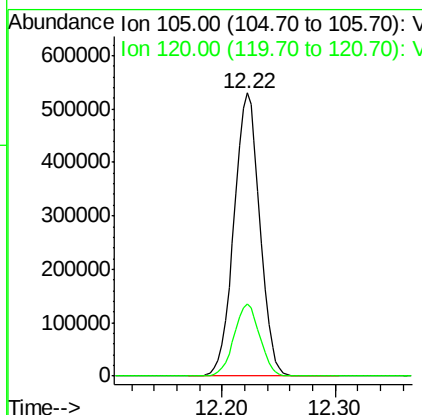
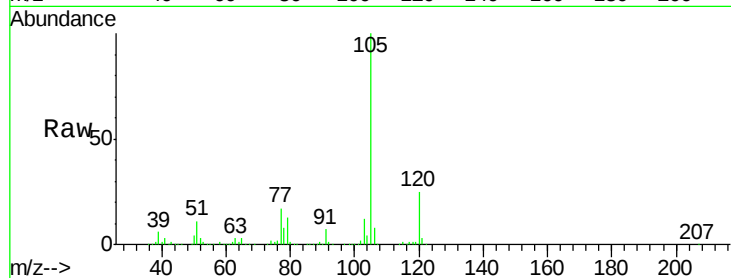
#73
Isopropylbenzene
Concen: 43.627 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.5	12.8	38.3

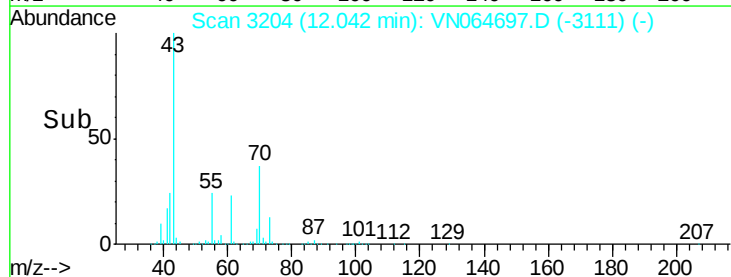
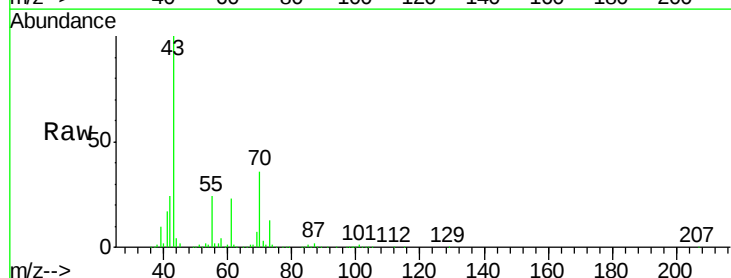
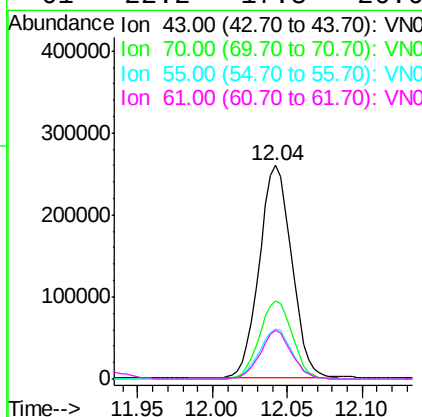
Manual Integrations
APPROVED

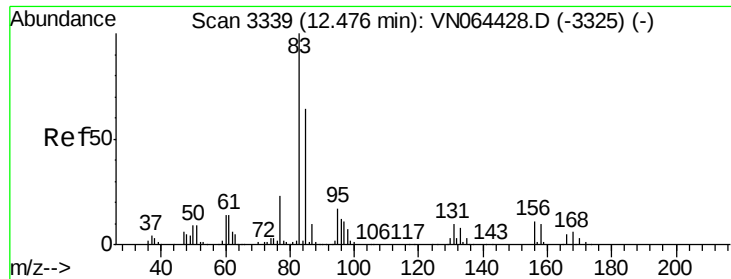
MMDadoda
11/18/2020 5:16:01 PM



#74
N-ethyl acetate
Concen: 42.055 ug/l
RT: 12.04 min Scan# 3204
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tgt Ion	Ratio	Lower	Upper
43	100		
70	37.4	29.6	44.4
55	23.9	18.4	27.6
61	22.2	17.8	26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 37.686 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Instrument :

MSVOA_N

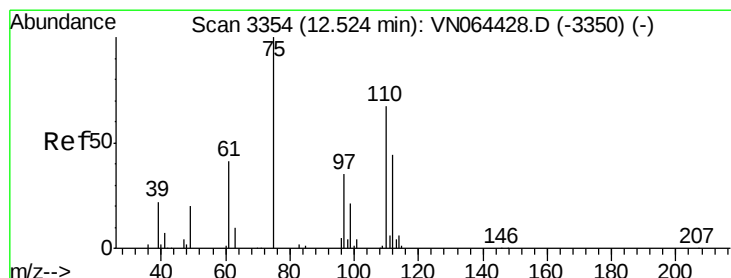
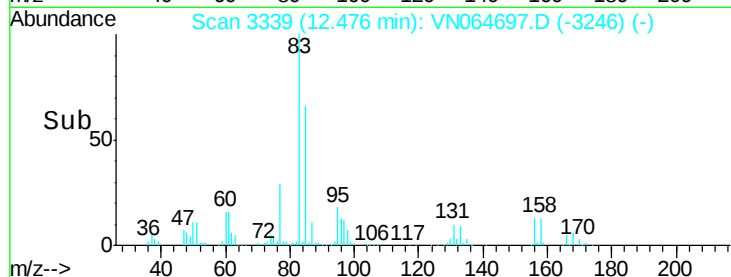
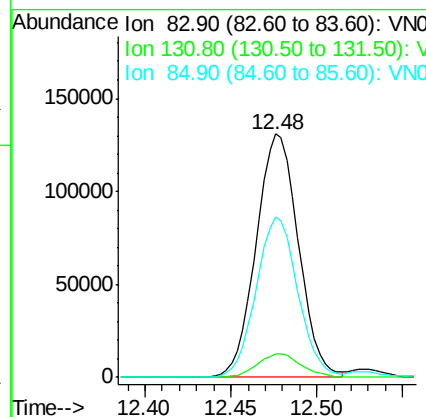
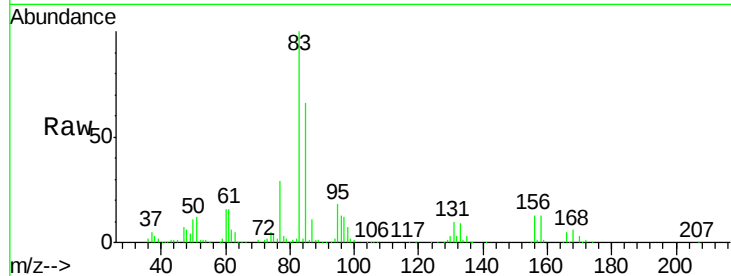
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	223086
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.9	14.7
85	65.0	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 40.586 ug/l m

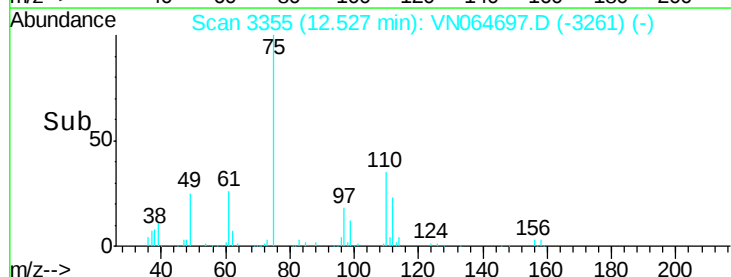
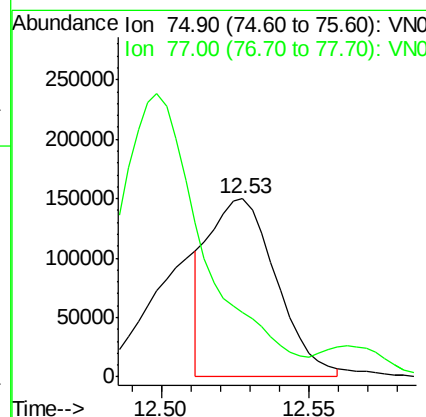
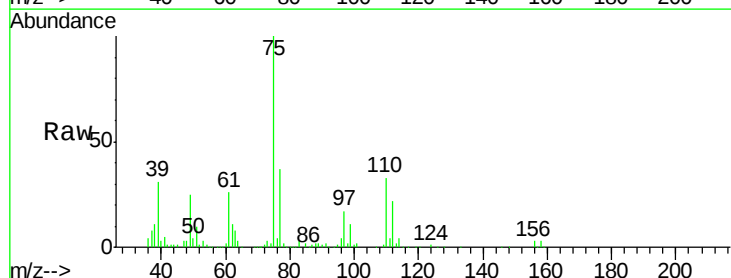
RT: 12.53 min Scan# 3355

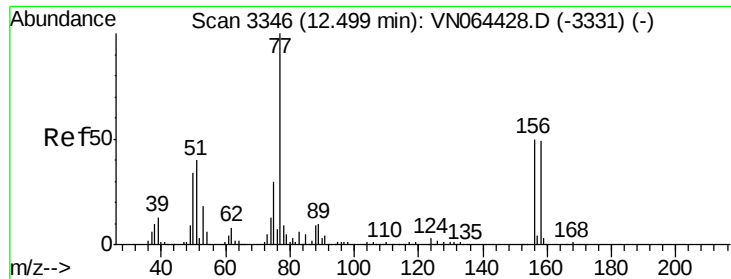
Delta R.T. 0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Tgt Ion:	75	Resp:	238440
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





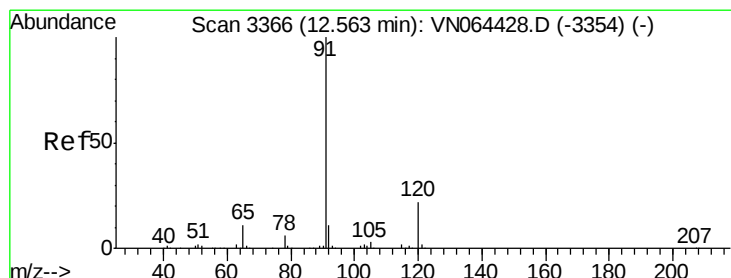
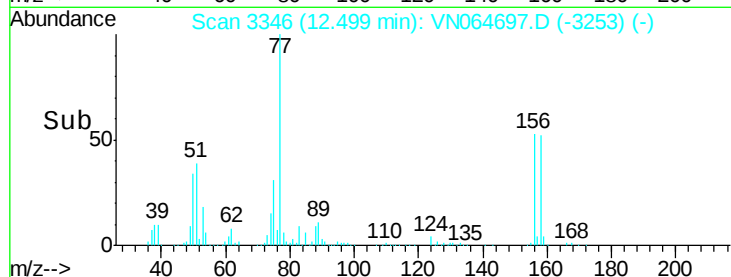
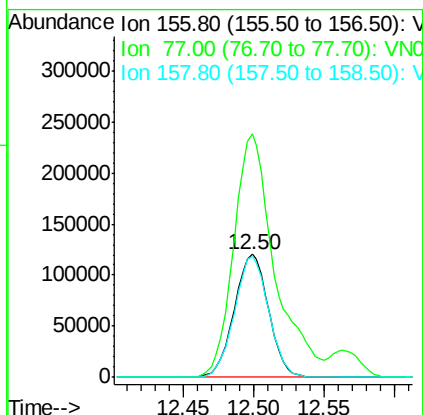
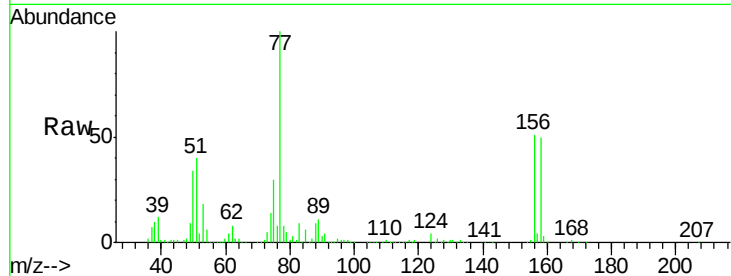
#77
Bromobenzene
Concen: 43.624 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	236.5	119.0	357.0
158	97.6	48.4	145.3

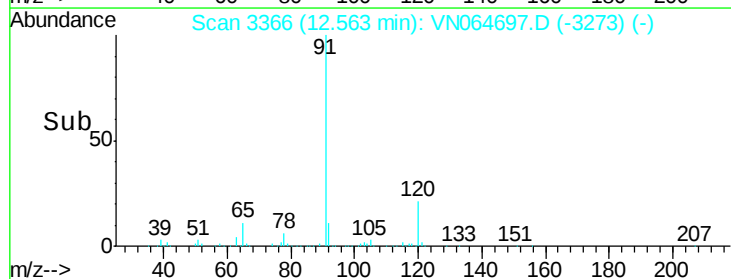
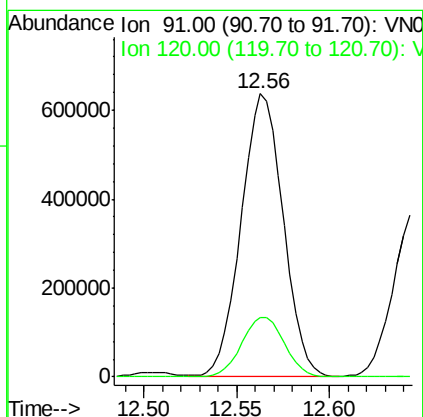
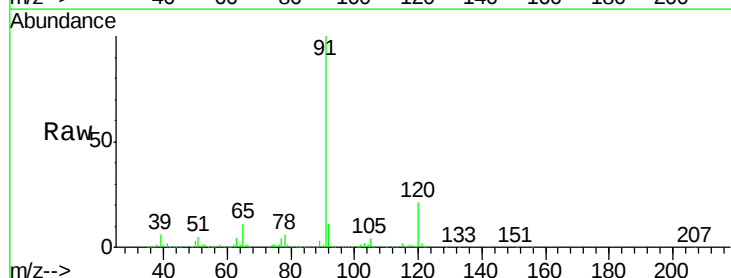
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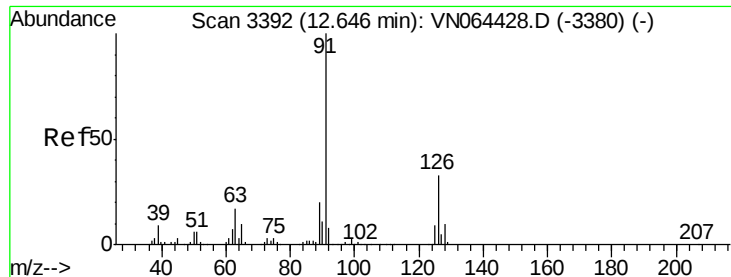
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#78
n-propylbenzene
Concen: 45.543 ug/l
RT: 12.56 min Scan# 3366
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.5	11.0	33.0





#79

2-Chlorotoluene

Concen: 44.806 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064697.D

Acq: 17 Nov 2020 21:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 624411

Ion Ratio Lower Upper

91 100

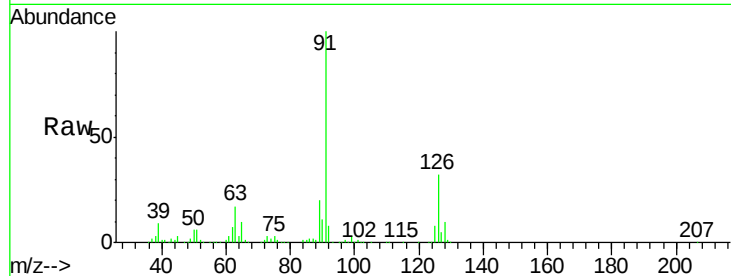
126 32.5 16.4 49.1

Manual Integrations

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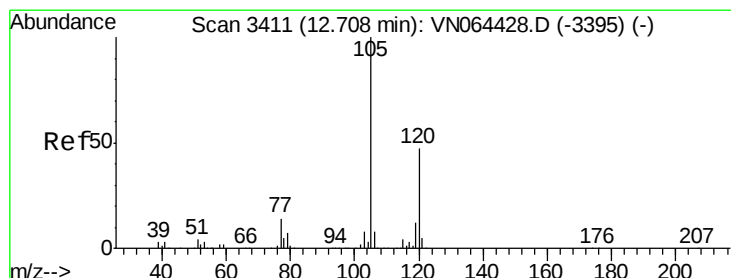
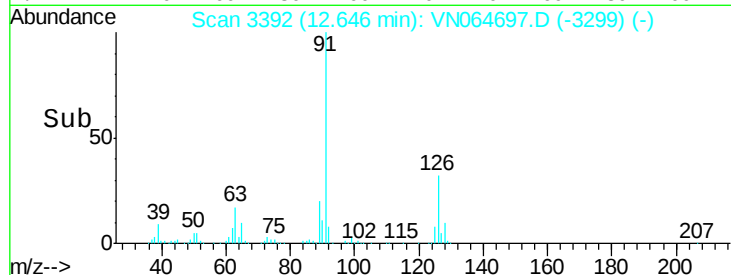
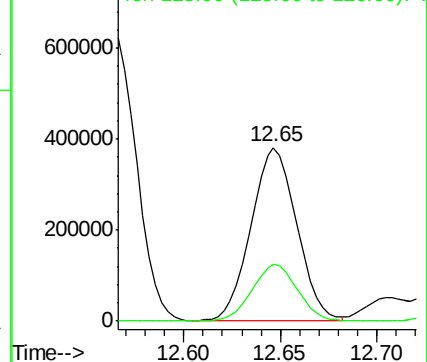
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Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064428.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 45.518 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064697.D

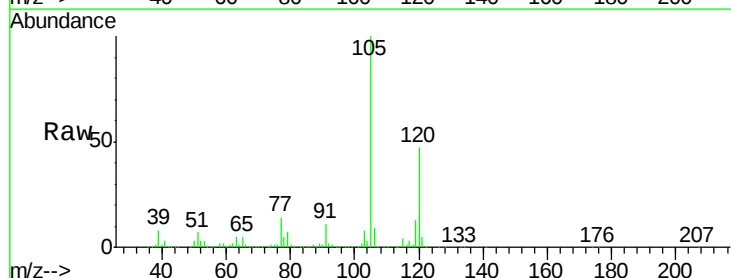
Acq: 17 Nov 2020 21:55

Tgt Ion: 105 Resp: 723712

Ion Ratio Lower Upper

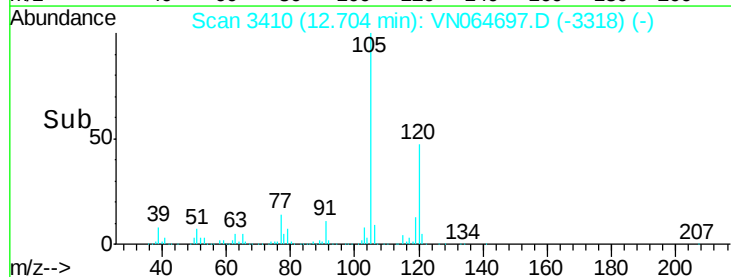
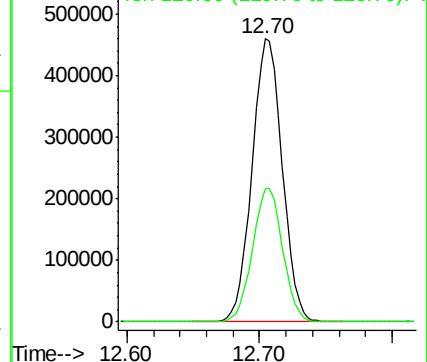
105 100

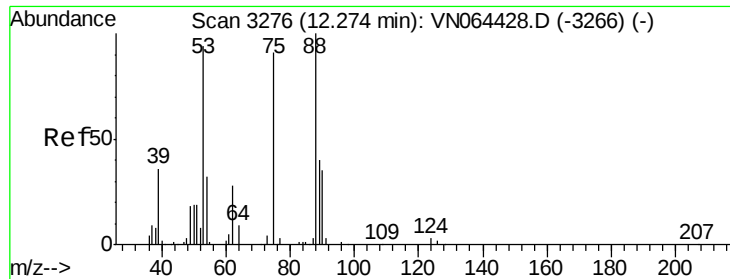
120 47.3 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN064428.D (-3395) (-)

Ion 120.00 (119.70 to 120.70): VN064428.D (-3395) (-)





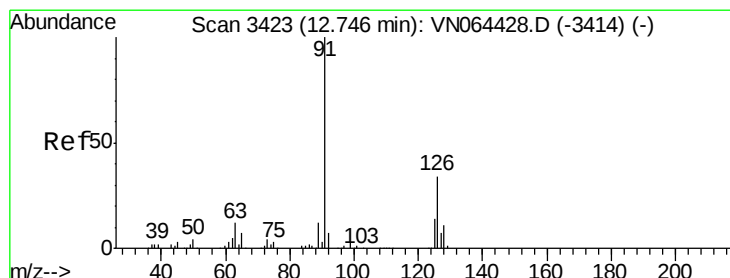
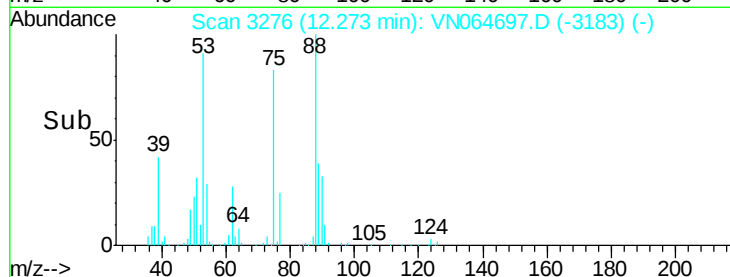
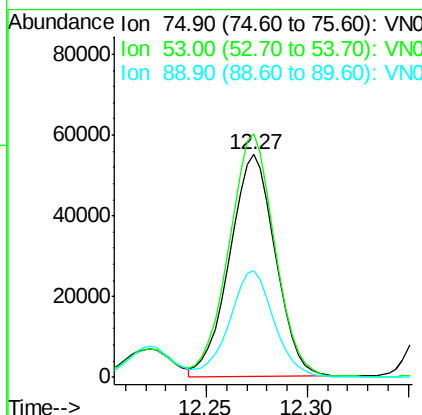
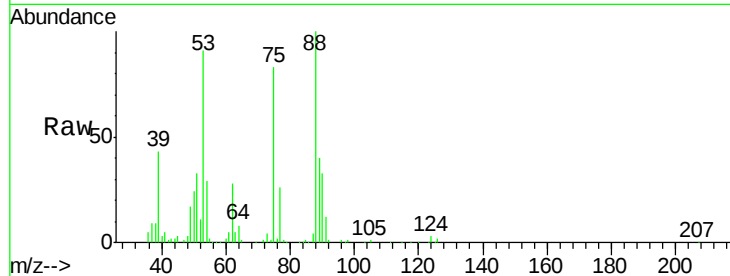
#81
trans-1,4-Dichloro-2-butene
Concen: 41.355 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	110.3	84.0	126.0
89	47.0	36.3	54.5

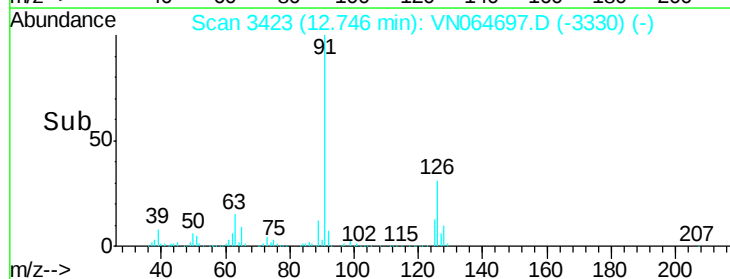
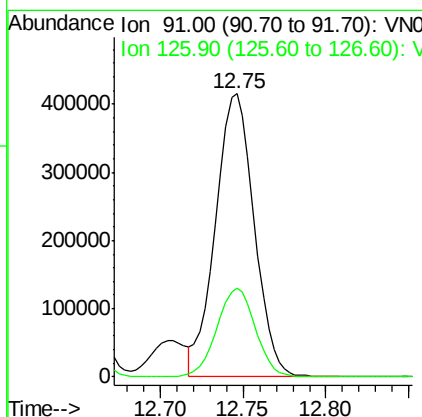
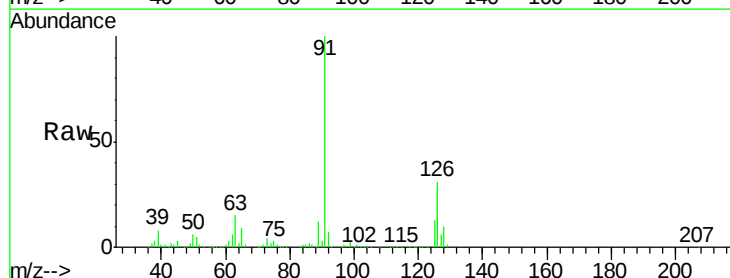
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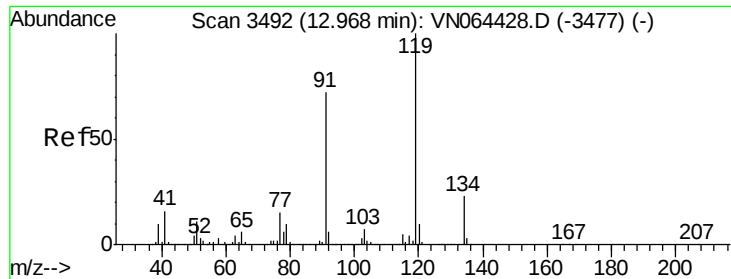
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#82
4-Chlorotoluene
Concen: 46.012 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.4	46.2





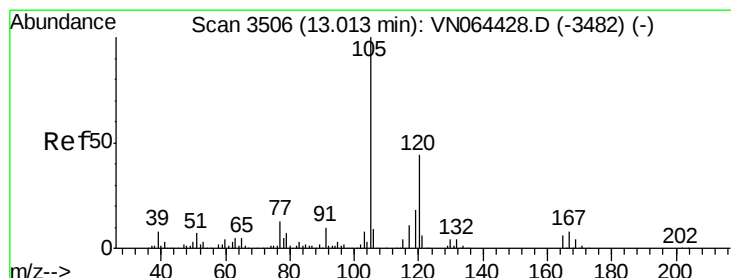
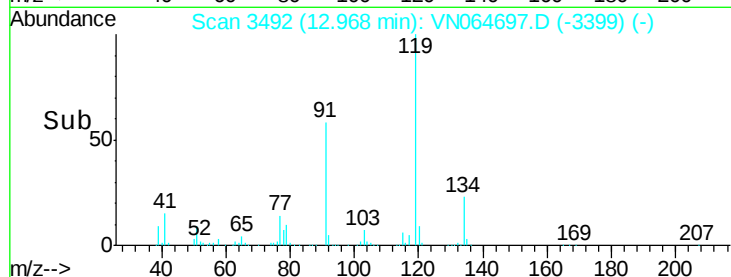
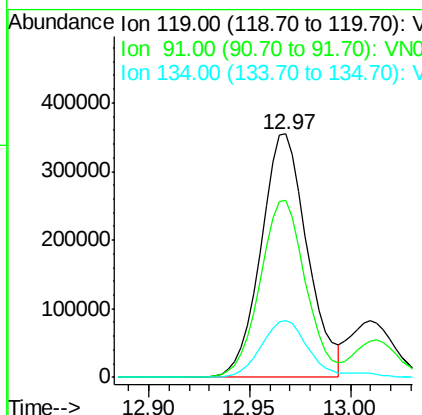
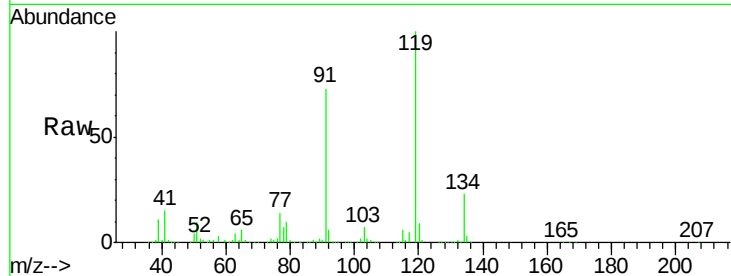
#83
 tert-Butylbenzene
 Concen: 45.762 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.4	36.1	108.3
134	24.3	11.7	35.1

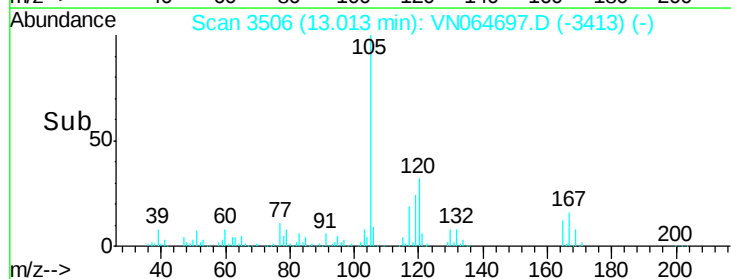
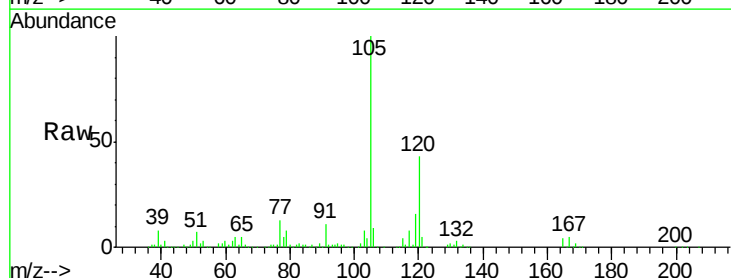
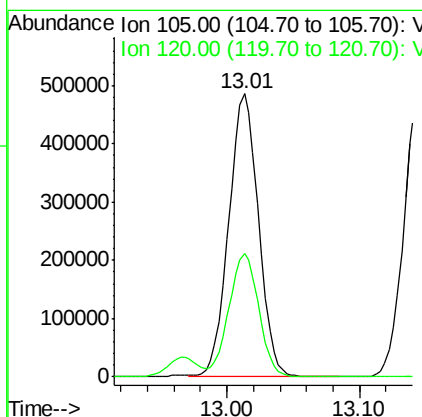
Manual Integrations
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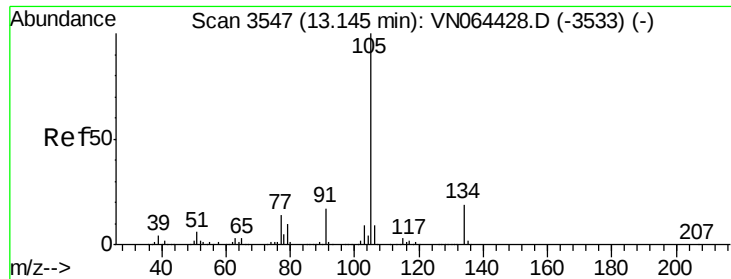
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#84
 1,2,4-Trimethylbenzene
 Concen: 47.271 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	21.9	65.7





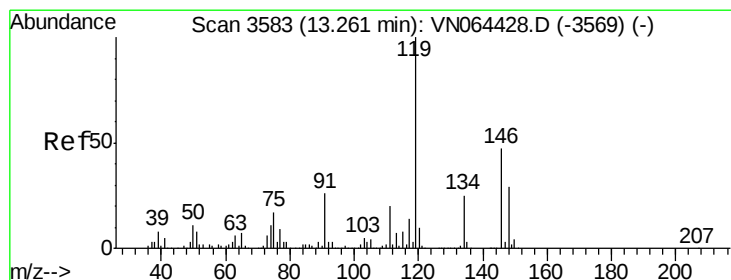
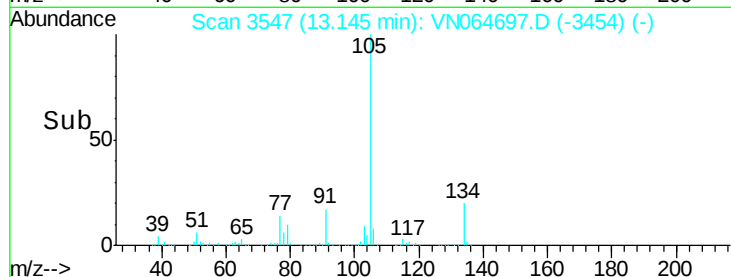
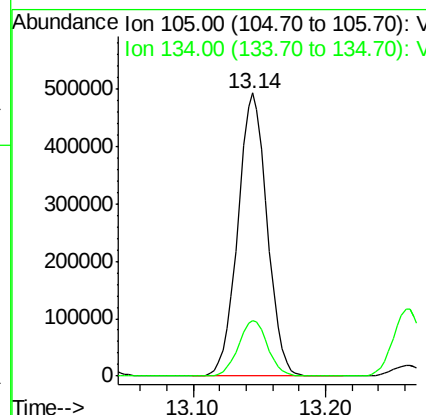
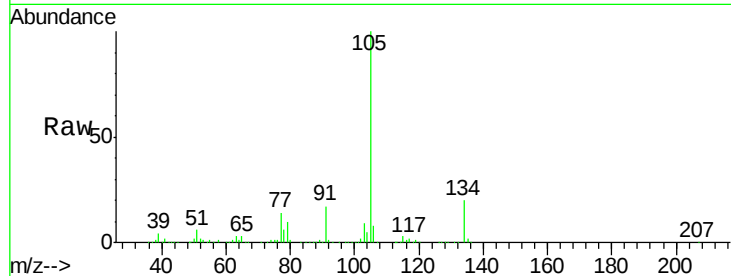
#85
 sec-Butylbenzene
 Concen: 47.784 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.4	28.2

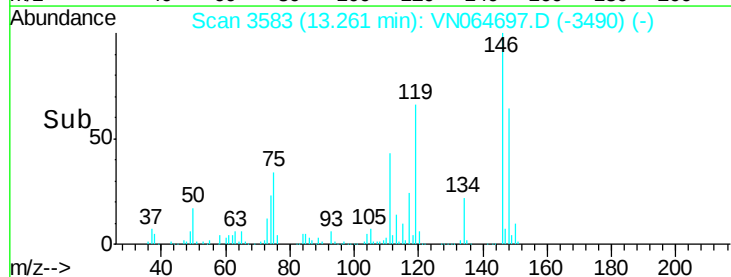
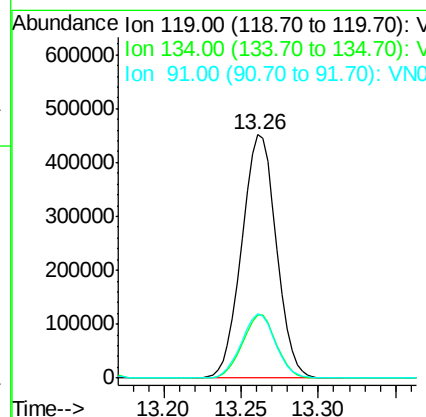
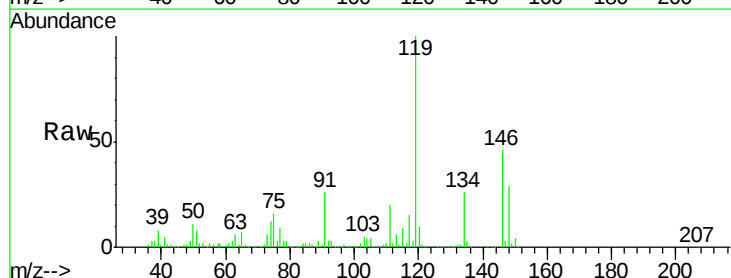
Manual Integrations
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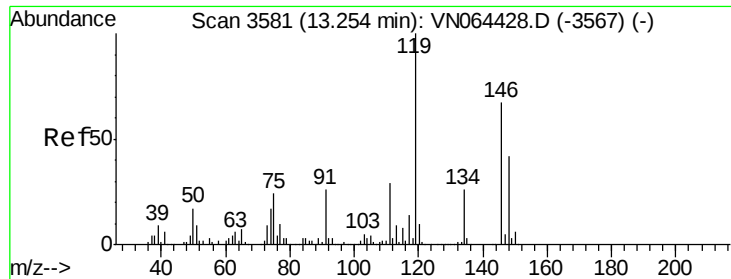
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#86
 p-Isopropyltoluene
 Concen: 49.564 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.6	37.6
91	26.1	12.8	38.3





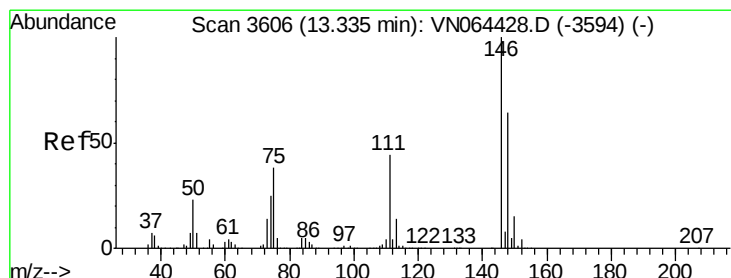
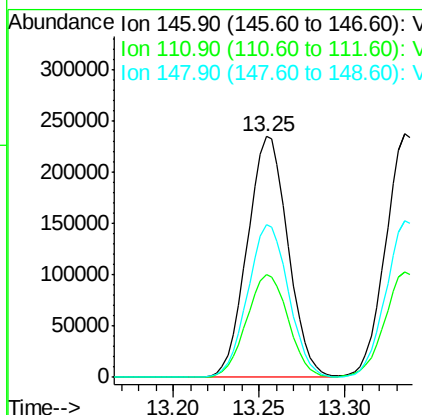
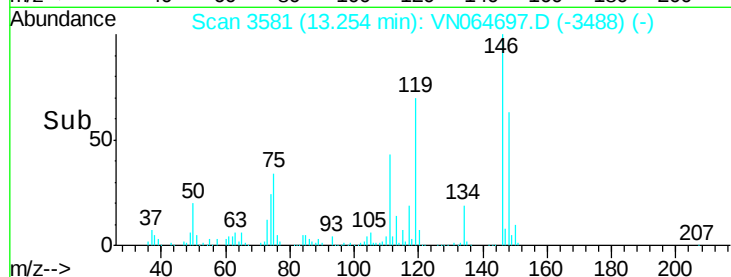
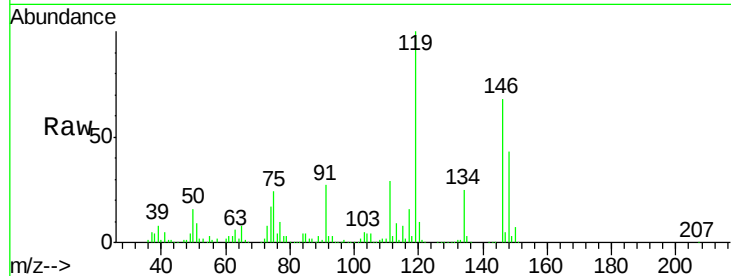
#87
 1,3-Dichlorobenzene
 Concen: 47.463 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	22.1	66.1
148	63.5	31.7	95.1

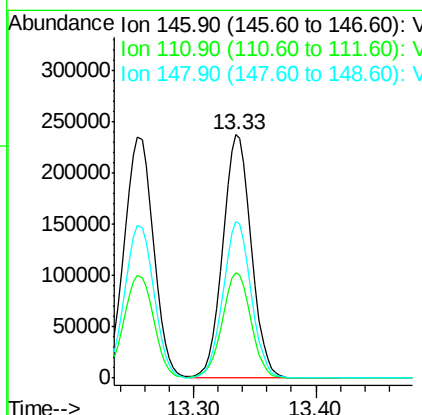
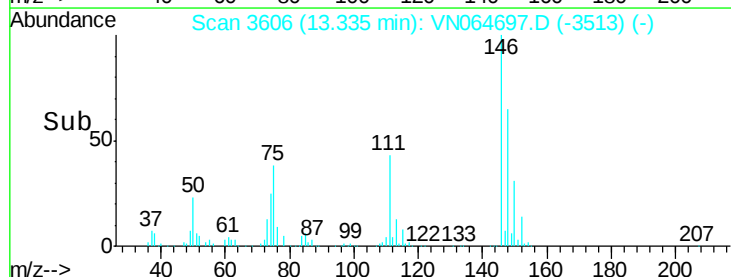
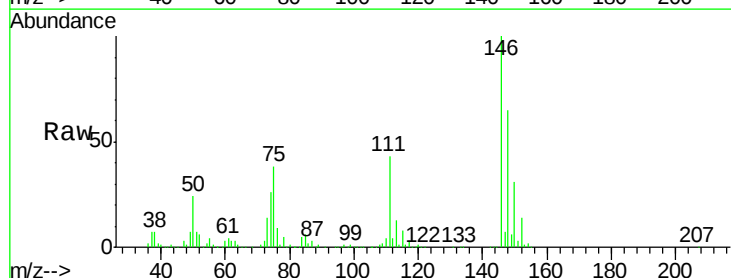
Manual Integrations
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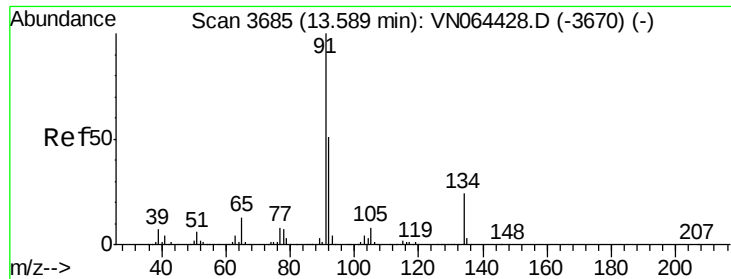
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#88
 1,4-Dichlorobenzene
 Concen: 46.223 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.8	65.3
148	63.6	32.4	97.2





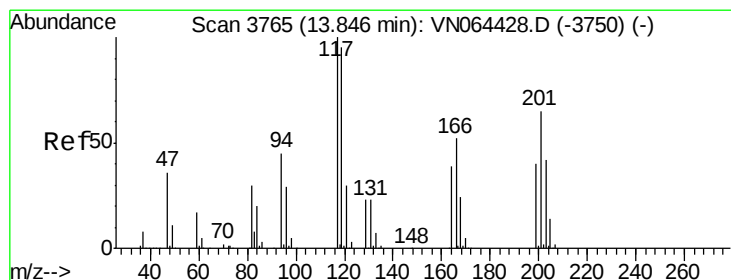
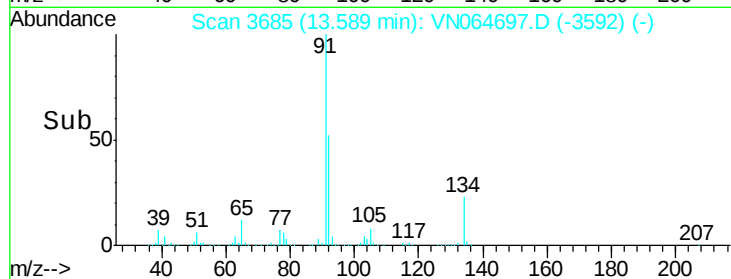
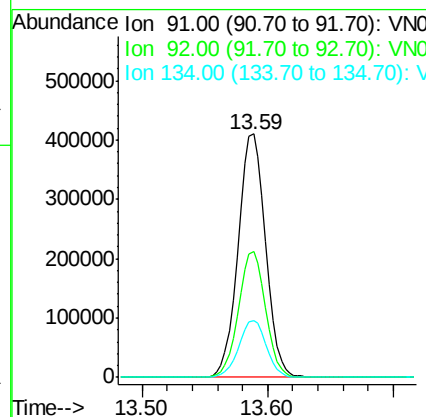
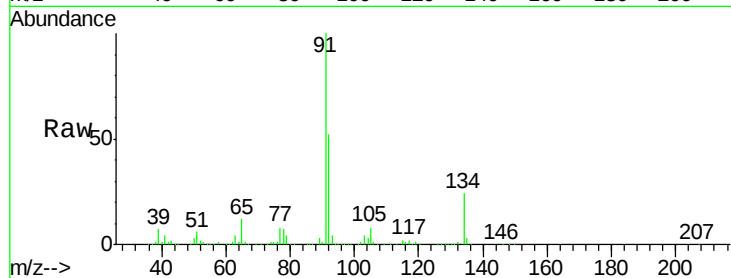
#89
n-Butylbenzene
Concen: 51.054 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.2	25.3	75.9
134	23.4	11.8	35.4

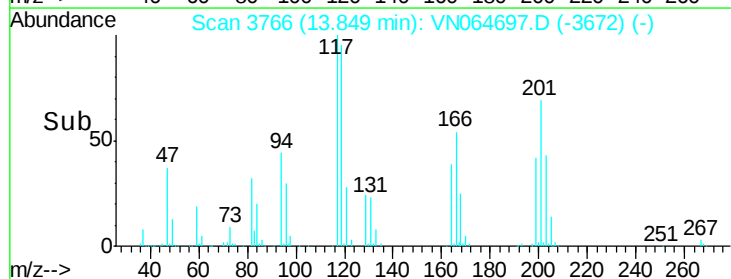
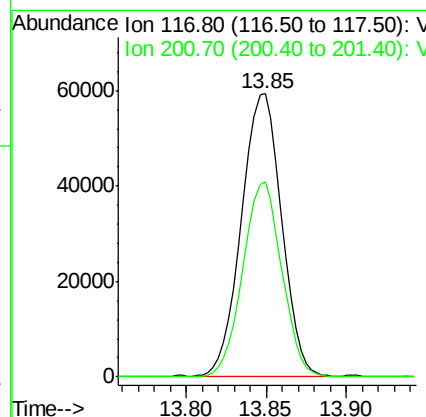
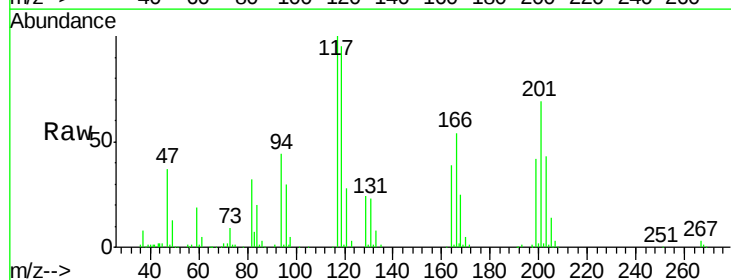
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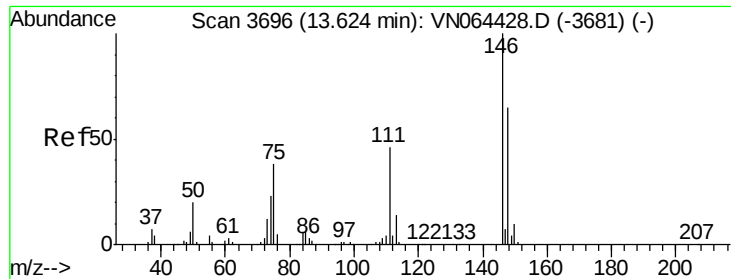
MMDadoda
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#90
Hexachloroethane
Concen: 37.042 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.9	32.5	97.5





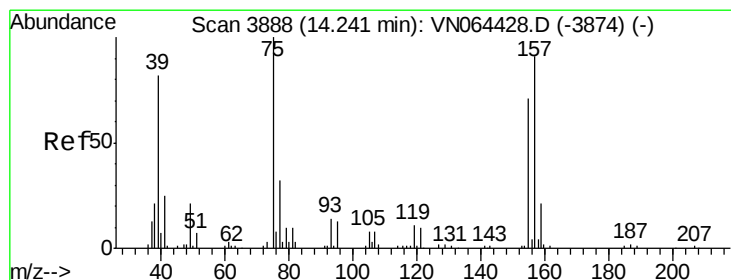
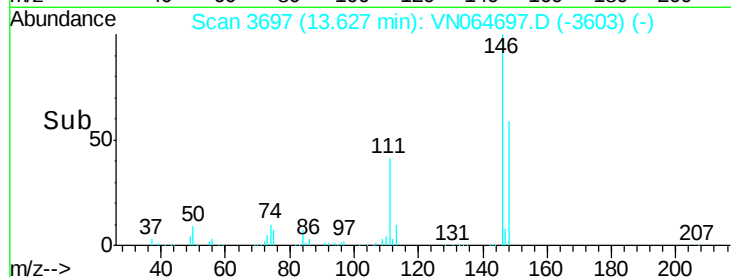
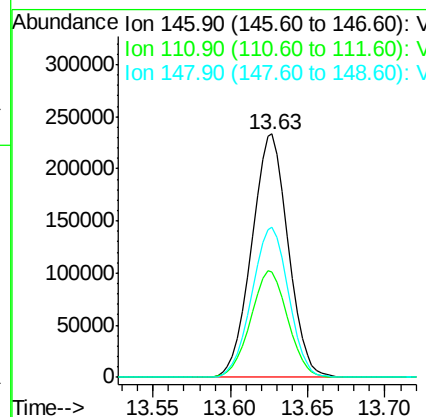
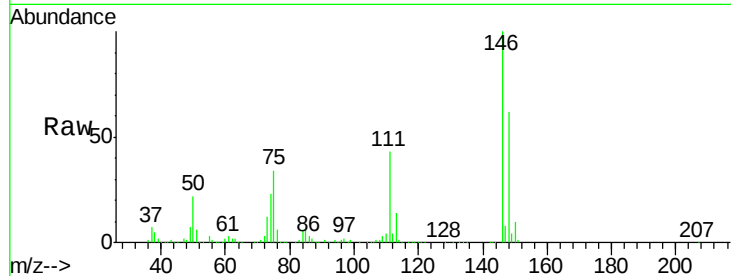
#91
 1,2-Dichlorobenzene
 Concen: 48.978 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.8	22.9	68.7
148	62.3	32.0	96.2

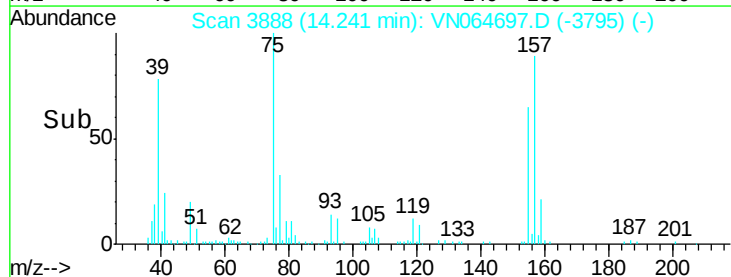
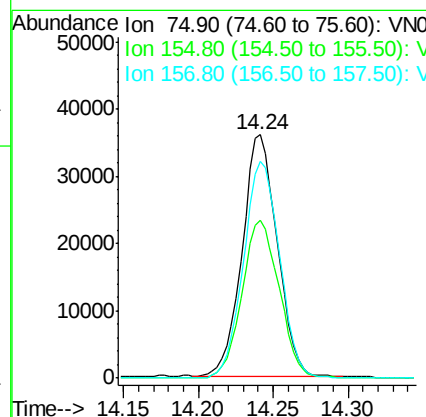
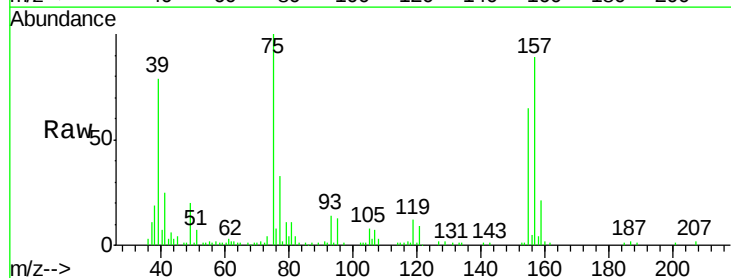
Manual Integrations
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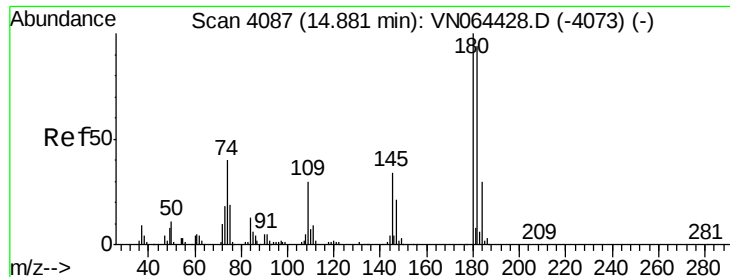
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.878 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.0	34.6	103.9
157	92.1	43.0	128.8





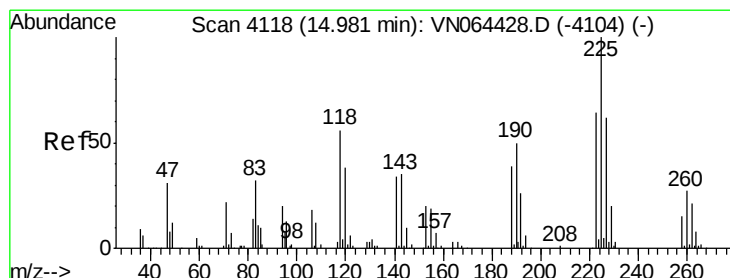
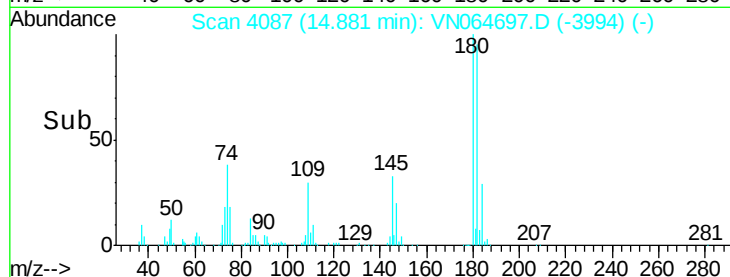
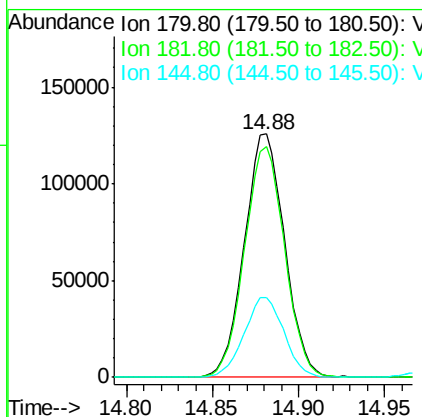
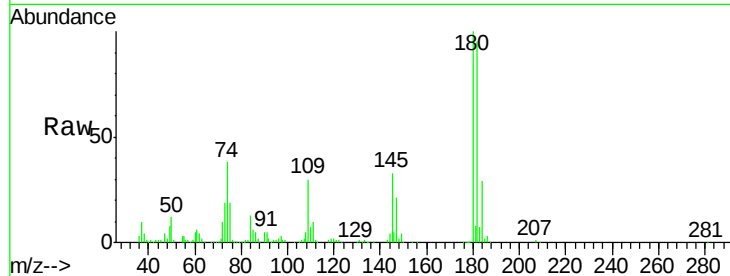
#93
 1,2,4-Trichlorobenzene
 Concen: 52.340 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	204160		
182	94.7	47.3	142.0	
145	32.7	16.7	50.1	

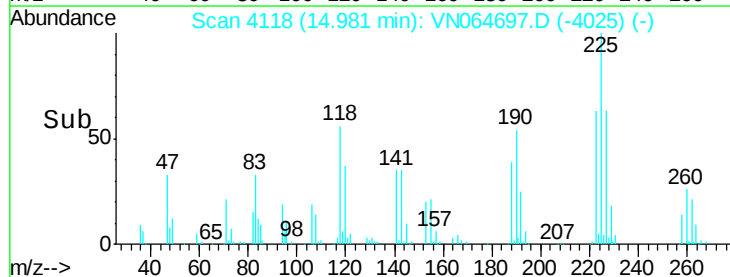
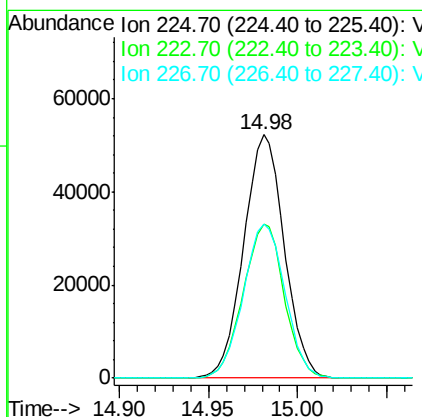
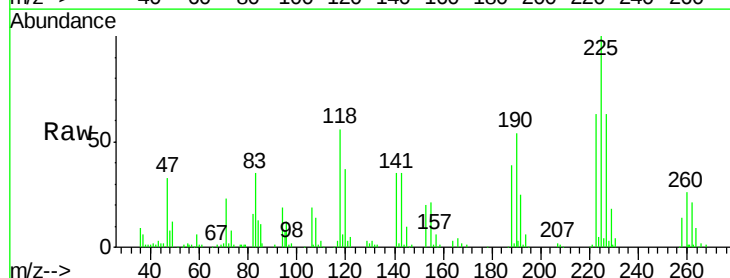
Manual Integrations
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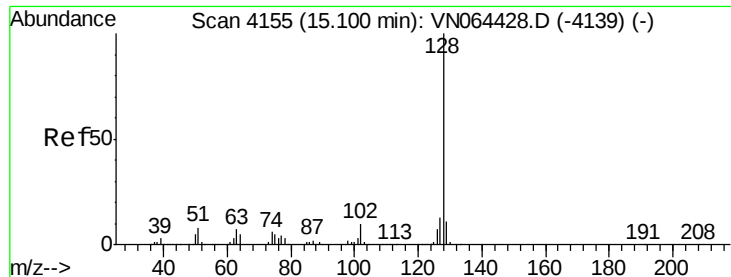
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#94
 Hexachlorobutadiene
 Concen: 52.113 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064697.D
 Acq: 17 Nov 2020 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	83014		
223	63.9	31.8	95.4	
227	64.9	31.8	95.4	





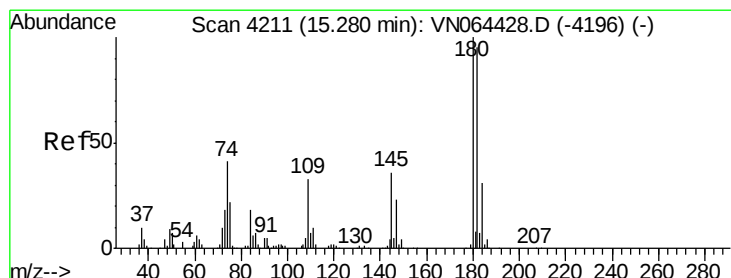
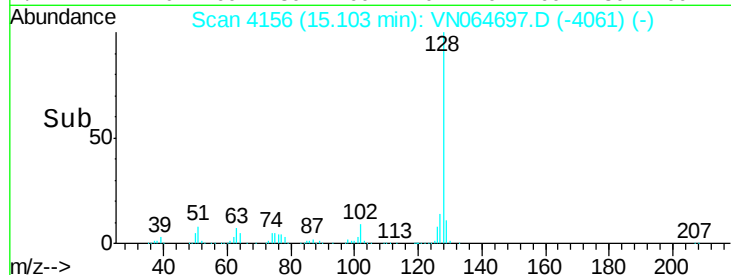
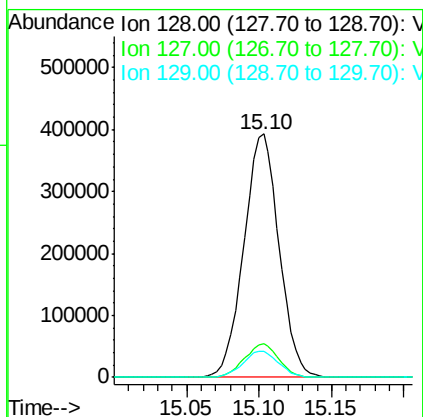
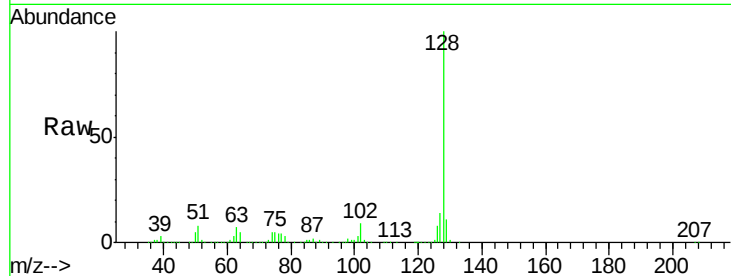
#95
Naphthalene
Concen: 50.088 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.5	15.7
129	10.9	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 52.001 ug/l
RT: 15.28 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN064697.D
Acq: 17 Nov 2020 21:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.7	143.1
145	34.9	18.3	54.8

