

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111120\
 Data File : VN064545.D
 Acq On : 11 Nov 2020 10:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/12/2020 9:12:14 AM

Quant Time: Nov 12 01:53:12 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	324651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	558128	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	534135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	256209	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	266023	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
35) Dibromofluoromethane	7.55	113	189435	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
50) Toluene-d8	10.06	98	715396	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
62) 4-Bromofluorobenzene	12.38	95	277891	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	191493	45.312	ug/l	99
3) Chloromethane	2.04	50	227830	44.383	ug/l	100
4) Vinyl Chloride	2.17	62	244998	46.477	ug/l	98
5) Bromomethane	2.53	94	165920	49.270	ug/l	99
6) Chloroethane	2.67	64	164962	48.879	ug/l	98
7) Trichlorofluoromethane	2.99	101	383846	49.452	ug/l	98
8) Diethyl Ether	3.37	74	133762	48.799	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	180316	48.919	ug/l	99
10) Methyl Iodide	3.91	142	214553	50.094	ug/l	99
11) Tert butyl alcohol	4.75	59	154345	247.498	ug/l	99
12) 1,1-Dichloroethene	3.69	96	163705	47.149	ug/l	100
13) Acrolein	3.57	56	138348	357.651	ug/l	98
14) Allyl chloride	4.27	41	322020	47.411	ug/l	99
15) Acrylonitrile	4.93	53	459011	264.372	ug/l	99
16) Acetone	3.78	43	608736	282.599	ug/l	99
17) Carbon Disulfide	4.00	76	487267	46.929	ug/l	99
18) Methyl Acetate	4.28	43	214978	50.764	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	613992	49.134	ug/l	97
20) Methylene Chloride	4.50	84	202065	47.280	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	191874	48.671	ug/l	97
22) Diisopropyl ether	5.90	45	705203	48.912	ug/l	99
23) Vinyl Acetate	5.85	43	2965786	252.862	ug/l	98
24) 1,1-Dichloroethane	5.80	63	384599	48.544	ug/l	100
25) 2-Butanone	6.79	43	735213	267.878	ug/l	99
26) 2,2-Dichloropropane	6.78	77	354432	49.419	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	223266	48.875	ug/l	97
28) Bromochloromethane	7.15	49	185595	47.659	ug/l	100
29) Tetrahydrofuran	7.17	42	425086	252.447	ug/l	98
30) Chloroform	7.33	83	413789	49.687	ug/l	98
31) Cyclohexane	7.61	56	305500	44.442	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	366915	49.675	ug/l	98
36) 1,1-Dichloropropene	7.75	75	301193	51.082	ug/l	99
37) Ethyl Acetate	6.88	43	288675	48.266	ug/l	99
38) Carbon Tetrachloride	7.73	117	326046	51.740	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	272010	51.463	ug/l	98
40) Benzene	8.00	78	858973	49.577	ug/l	99
41) Methacrylonitrile	7.13	41	138229	52.879	ug/l	89
42) 1,2-Dichloroethane	8.08	62	357815	51.174	ug/l	100
43) Isopropyl Acetate	8.13	43	487671	51.036	ug/l	100
44) Trichloroethene	8.80	130	218759	50.044	ug/l	97
45) 1,2-Dichloropropane	9.08	63	237157	51.299	ug/l	99
46) Dibromomethane	9.17	93	160691	52.802	ug/l	98
47) Bromodichloromethane	9.37	83	339816	51.931	ug/l	99
48) Methyl methacrylate	9.17	41	248661	51.572	ug/l	99
49) 1,4-Dioxane	9.17	88	69456	1093.658	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1506988	270.438	ug/l	99
52) Toluene	10.13	92	548570	51.911	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	361221	52.069	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	374660	50.511	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	214914	52.148	ug/l	98
56) Ethyl methacrylate	10.40	69	319990	47.295	ug/l	99
57) 1,3-Dichloropropane	10.68	76	372920	51.841	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	846668	263.025	ug/l	97
59) 2-Hexanone	10.72	43	1153548	253.802	ug/l	100
60) Dibromochloromethane	10.87	129	249452	54.062	ug/l	100
61) 1,2-Dibromoethane	10.98	107	222434	53.210	ug/l	99
64) Tetrachloroethene	10.60	164	200192	48.656	ug/l	99
65) Chlorobenzene	11.41	112	575439	49.143	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	228159	52.230	ug/l	100
67) Ethyl Benzene	11.48	91	1065112	51.139	ug/l	100
68) m/p-Xylenes	11.59	106	784413	103.848	ug/l	98
69) o-Xylene	11.92	106	369277	50.592	ug/l	98
70) Styrene	11.94	104	652955	53.162	ug/l	99
71) Bromoform	12.10	173	164069	50.020	ug/l #	97
73) Isopropylbenzene	12.22	105	994452	48.833	ug/l	100
74) N-amyl acetate	12.05	43	436564	44.342	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	306643	49.024	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	307301m	49.503	ug/l	
77) Bromobenzene	12.50	156	235791	47.425	ug/l	99
78) n-propylbenzene	12.57	91	1166996	50.265	ug/l	100
79) 2-Chlorotoluene	12.65	91	721803	49.018	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	844042	50.241	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	107486	48.345	ug/l	96
82) 4-Chlorotoluene	12.75	91	768157	49.812	ug/l	100
83) tert-Butylbenzene	12.97	119	655465	49.955	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	858172	50.814	ug/l	99
85) sec-Butylbenzene	13.14	105	883028	53.139	ug/l	100
86) p-Isopropyltoluene	13.26	119	788283	52.739	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	424567	49.400	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	431310	48.562	ug/l	99
89) n-Butylbenzene	13.59	91	678964	52.832	ug/l	100
90) Hexachloroethane	13.85	117	152628	52.934	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	424797	51.384	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	64899	52.113	ug/l	96

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	191368	46.731	ug/l	99
94) Hexachlorobutadiene	14.98	225	89443	53.140	ug/l	98
95) Naphthalene	15.10	128	595087	42.903	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	192278	48.434	ug/l	99

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

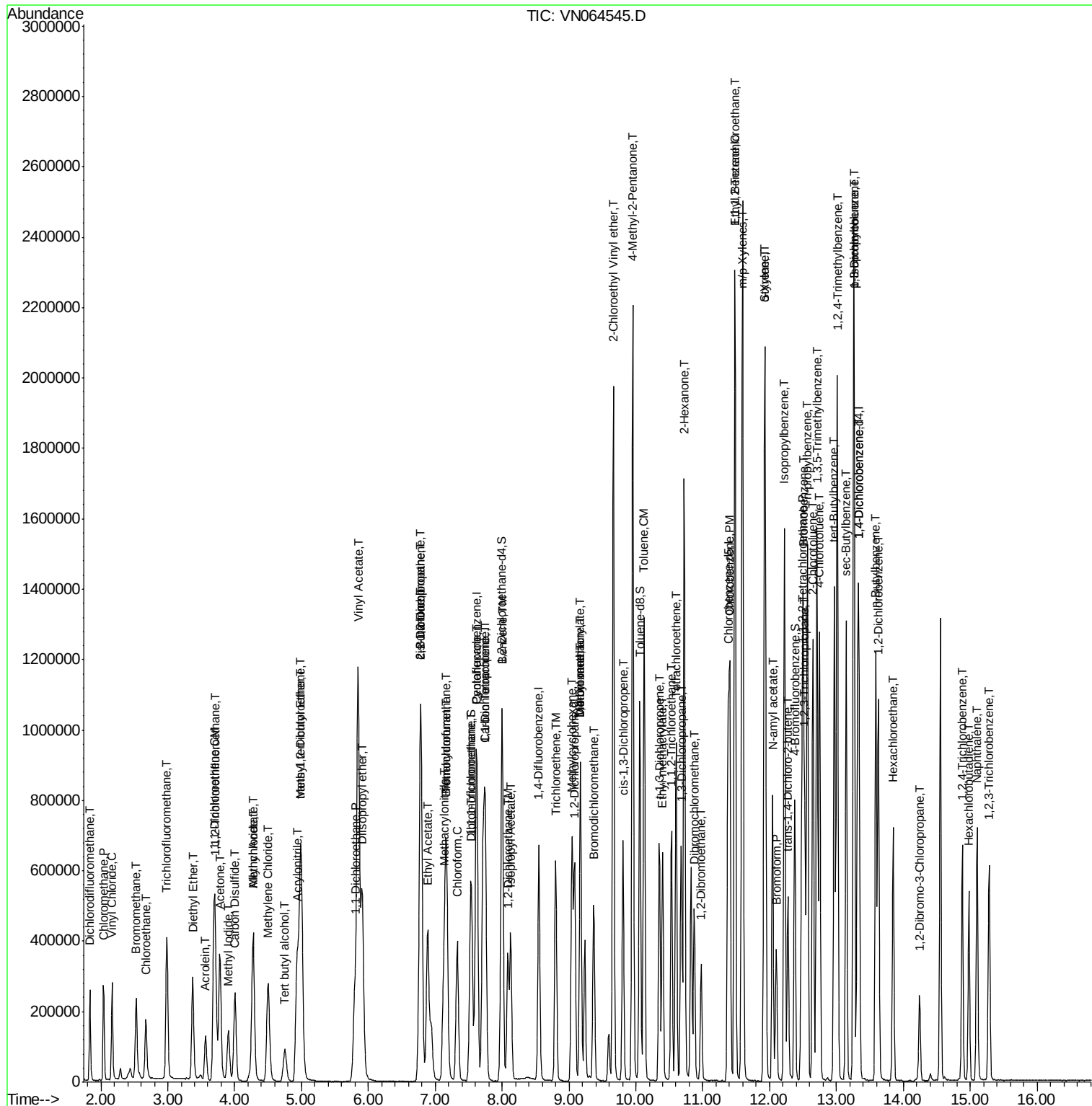
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111120\
Data File : VN064545.D
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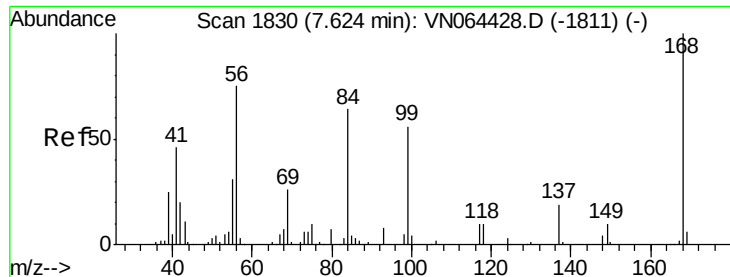
Instrument :
MSVOA_N
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064545.D

Acq: 11 Nov 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 324651

Ion Ratio Lower Upper

168 100

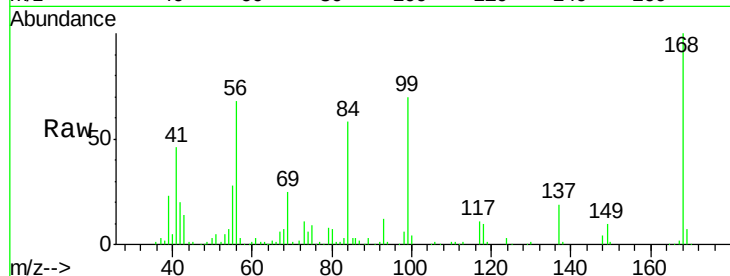
99 69.9 53.4 80.2

Manual Integrations

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11/12/2020 9:12:14 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

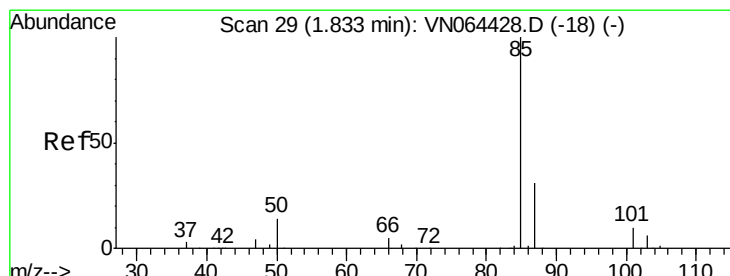
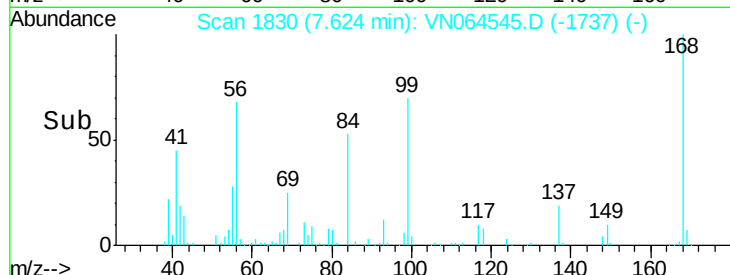
150000

100000

50000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 45.312 ug/l

RT: 1.84 min Scan# 30

Delta R.T. 0.00 min

Lab File: VN064545.D

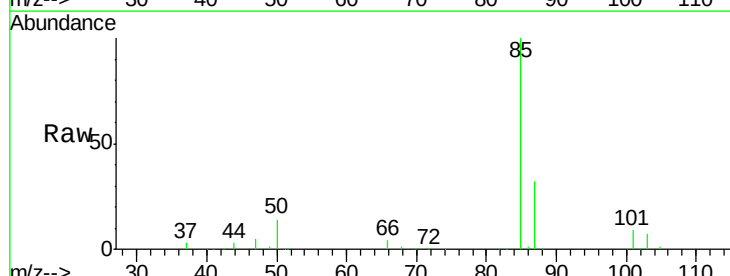
Acq: 11 Nov 2020 10:23

Tgt Ion: 85 Resp: 191493

Ion Ratio Lower Upper

85 100

87 32.2 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.84

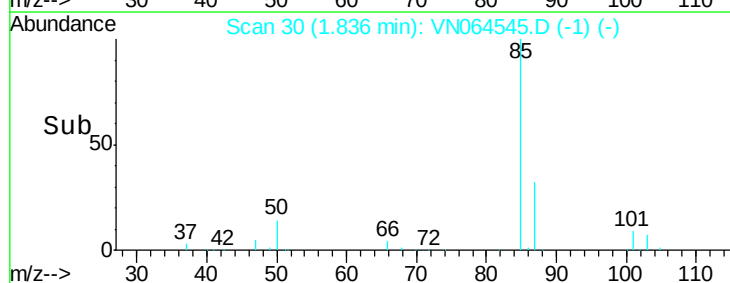
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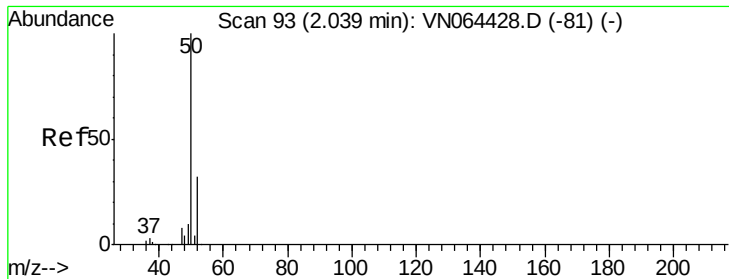
100000

50000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 44.383 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064545.D

Acq: 11 Nov 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 227830

Ion Ratio Lower Upper

50 100

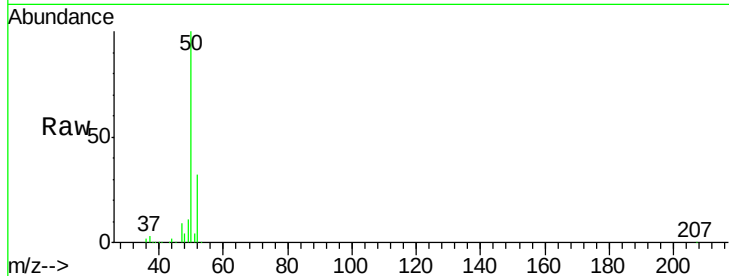
52 31.6 25.3 37.9

Manual Integrations

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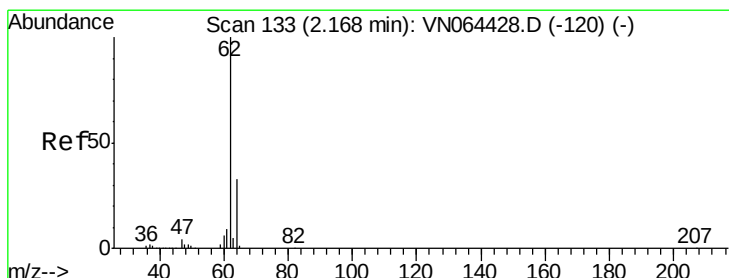
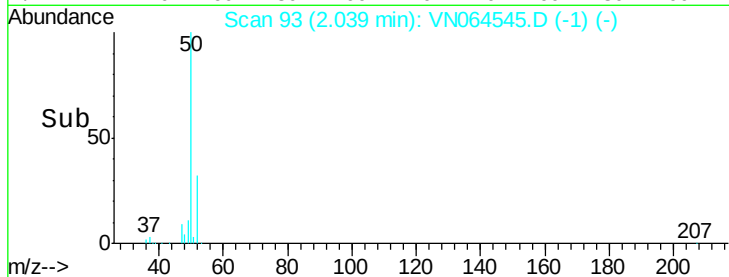
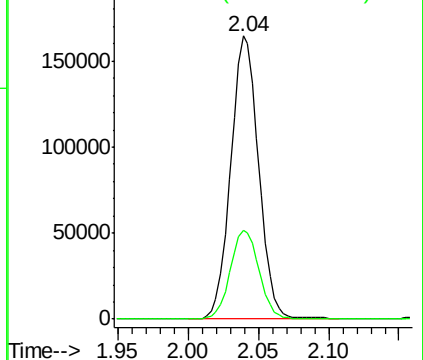
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 46.477 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064545.D

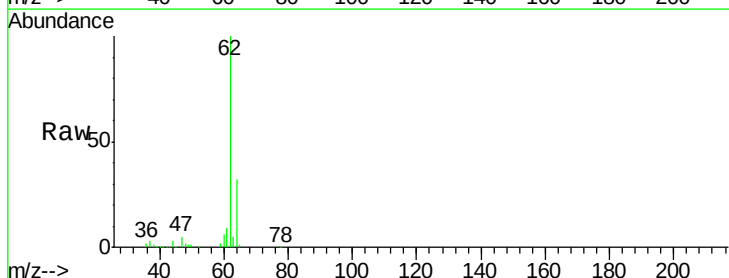
Acq: 11 Nov 2020 10:23

Tgt Ion: 62 Resp: 244998

Ion Ratio Lower Upper

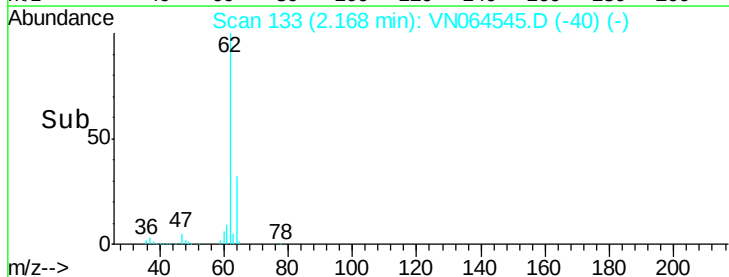
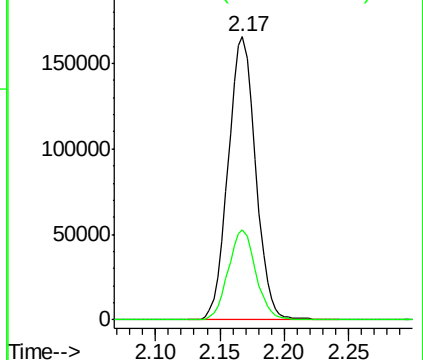
62 100

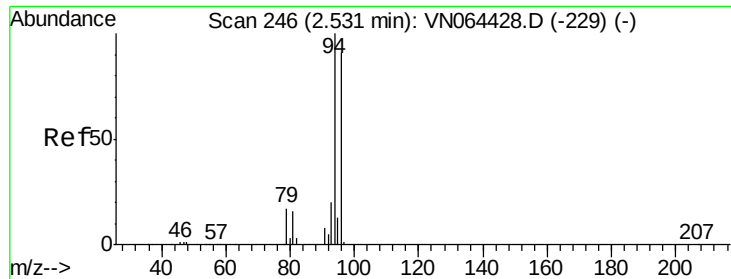
64 31.6 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 49.270 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN064545.D

Acq: 11 Nov 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 165920

Ion Ratio Lower Upper

94 100

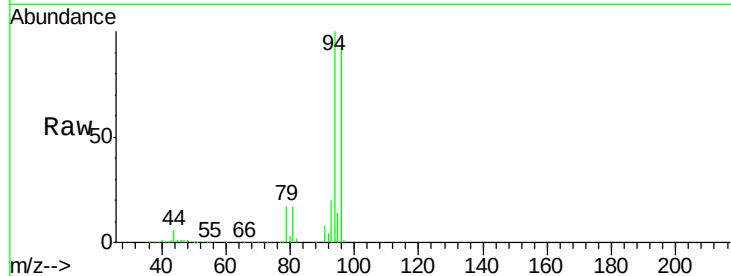
96 92.1 73.1 109.7

Manual Integrations

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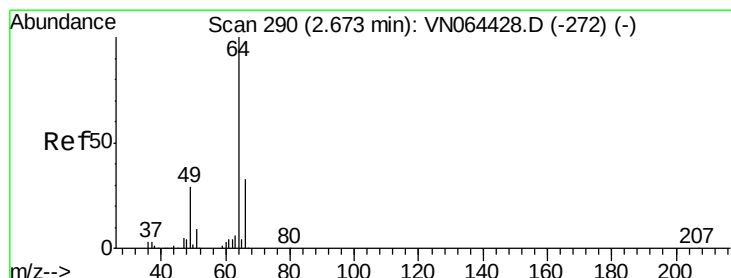
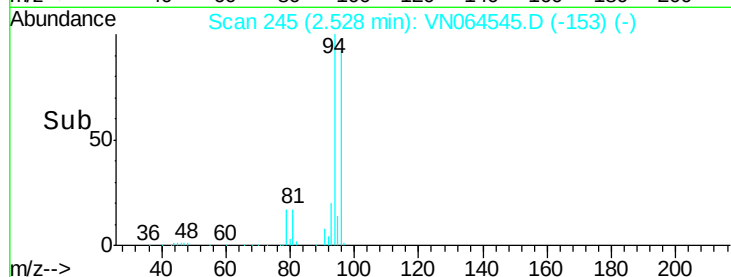
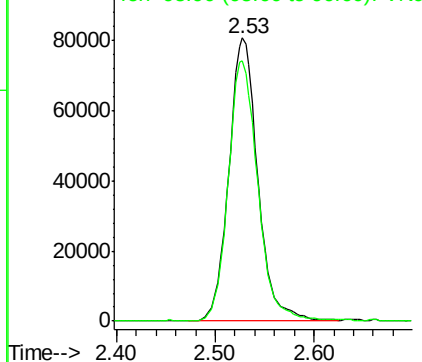
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 48.879 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN064545.D

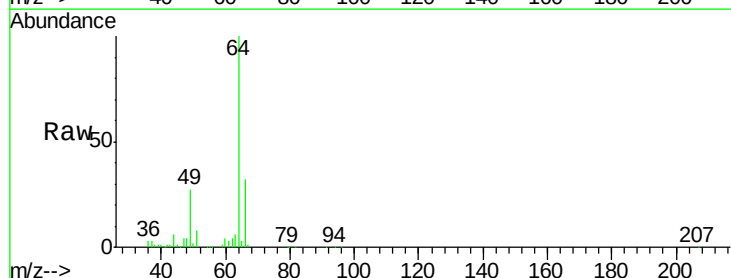
Acq: 11 Nov 2020 10:23

Tgt Ion: 64 Resp: 164962

Ion Ratio Lower Upper

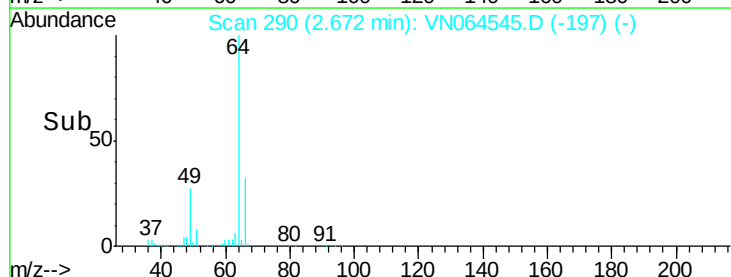
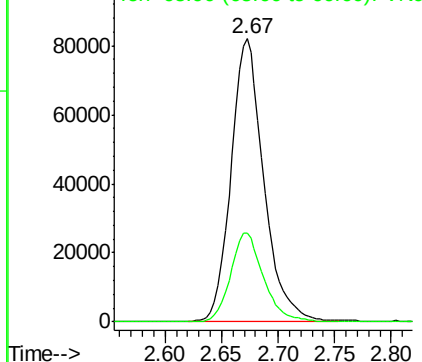
64 100

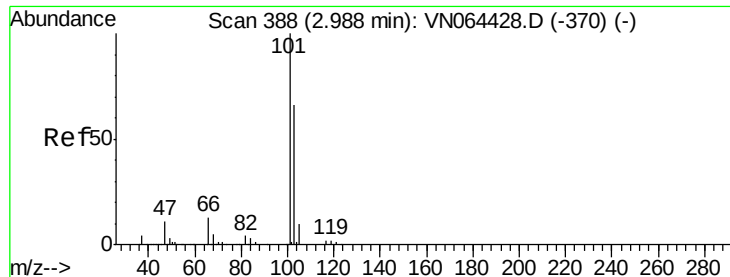
66 31.6 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

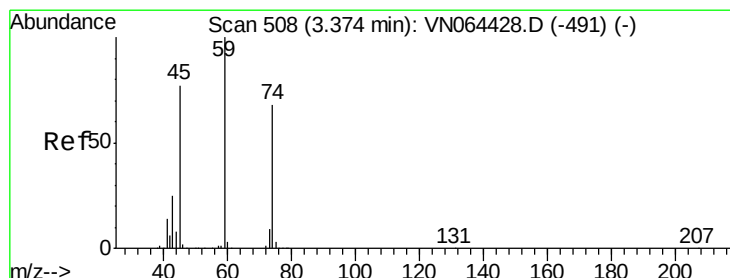
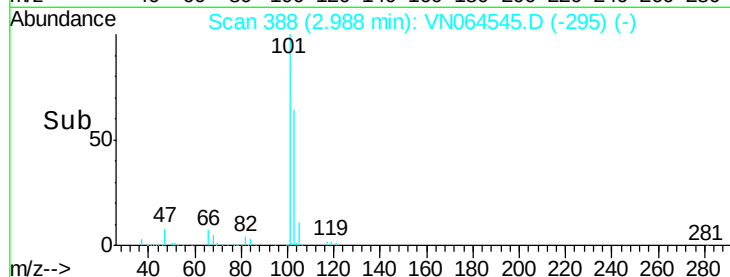
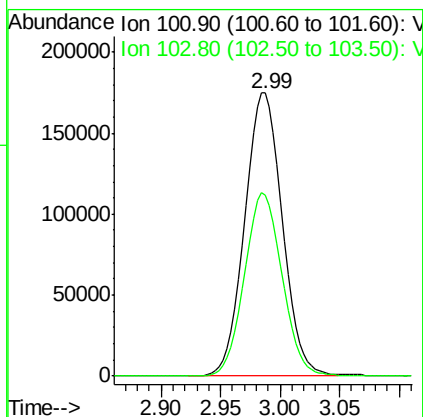
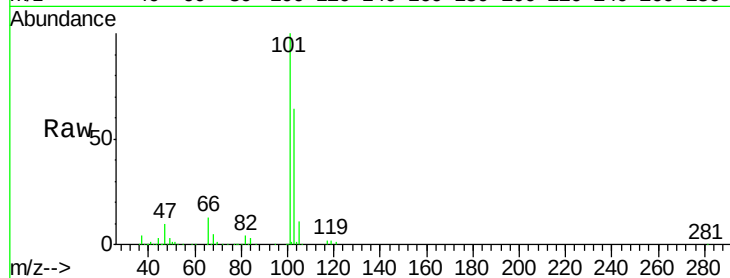
Trichlorofluoromethane
Concen: 49.452 ug/l
RT: 2.99 min Scan# 388
Delta R.T. -0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	52.4	78.6

Manual Integrations
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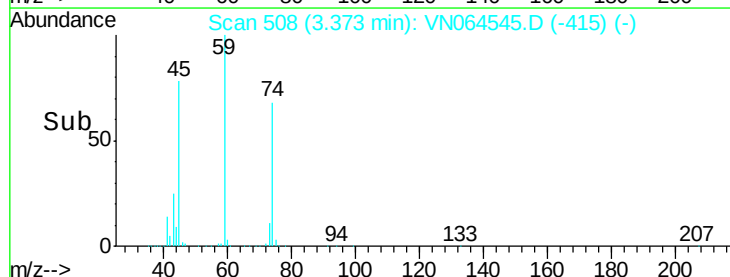
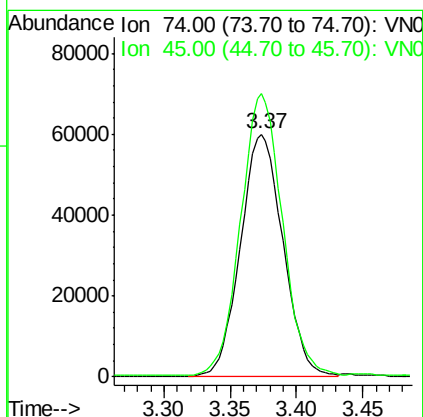
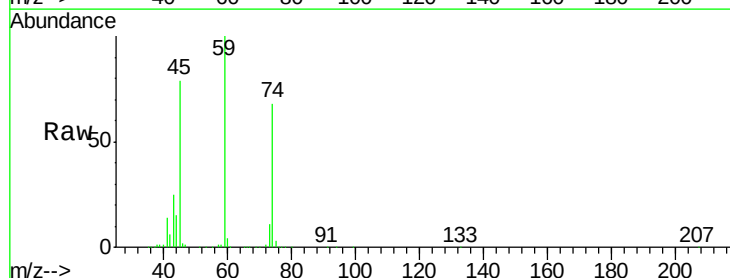
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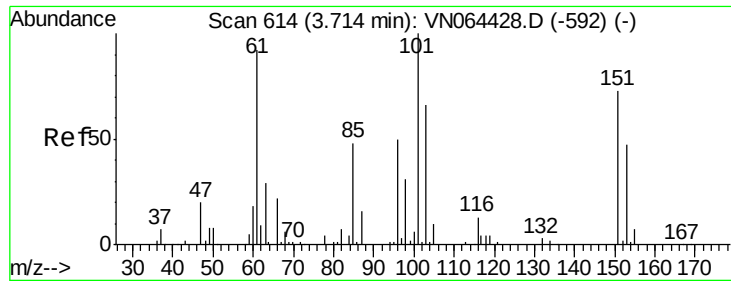


#8

Diethyl Ether
Concen: 48.799 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	114.3	55.9	167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.919 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN064545.D

Acq: 11 Nov 2020 10:23

Instrument :

MSVOA_N

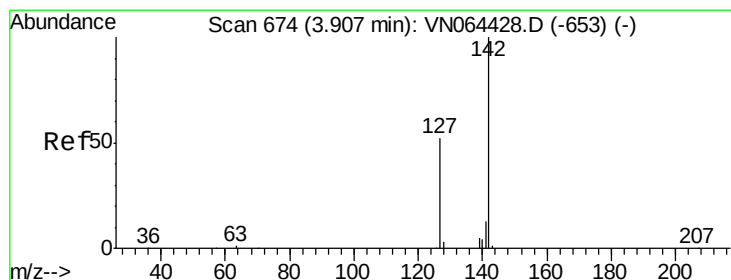
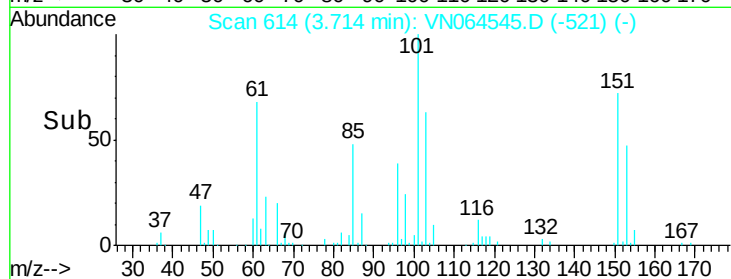
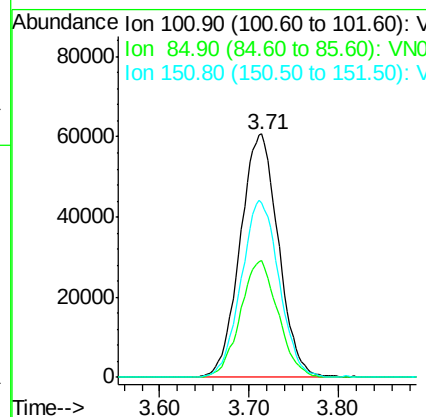
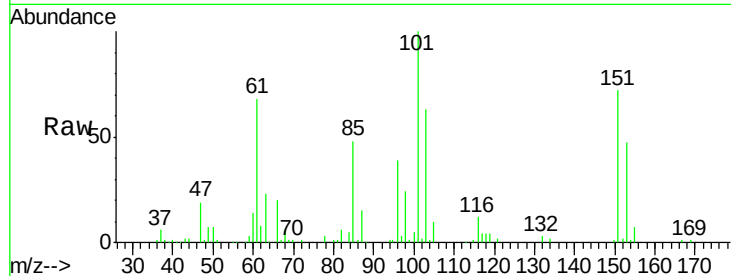
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	180316
Ion Ratio	Lower	Upper	
101	100		
85	47.2	38.6	57.8
151	72.2	57.5	86.3

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#10

Methyl Iodide

Concen: 50.094 ug/l

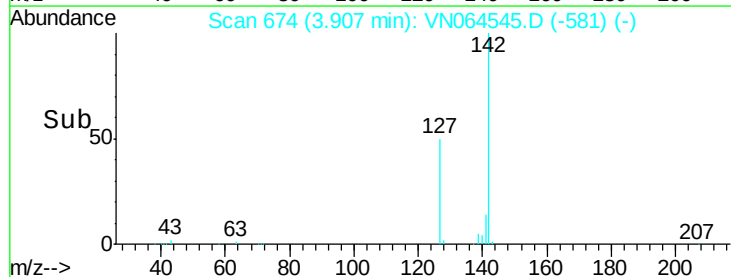
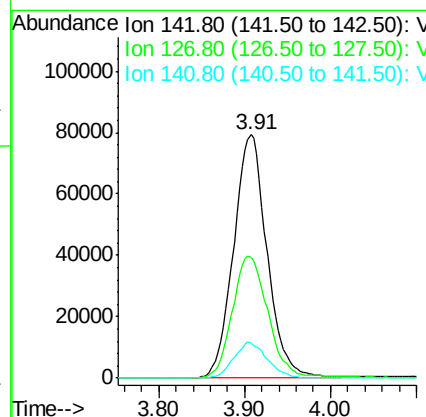
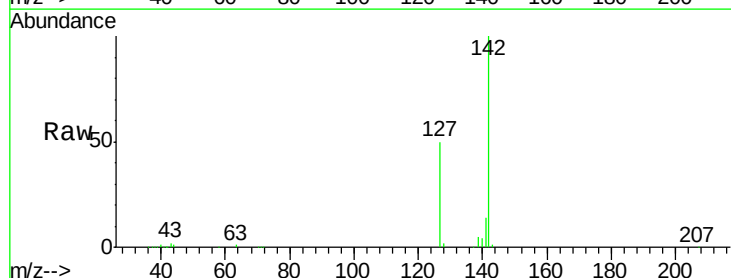
RT: 3.91 min Scan# 674

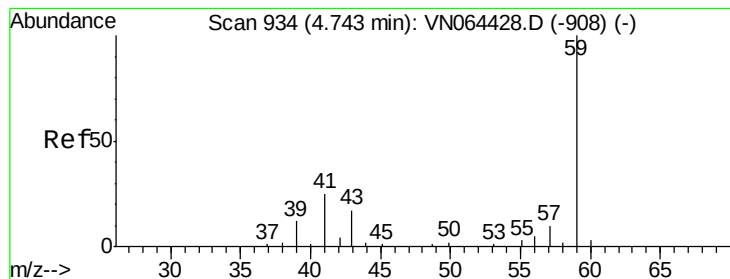
Delta R.T. -0.00 min

Lab File: VN064545.D

Acq: 11 Nov 2020 10:23

Tgt Ion:	142	Resp:	214553
Ion Ratio	Lower	Upper	
142	100		
127	53.2	41.8	62.8
141	14.7	11.4	17.2





#11

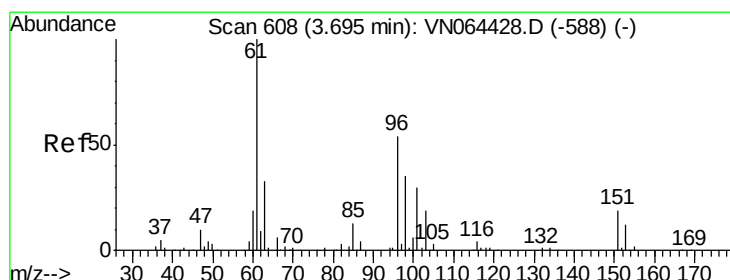
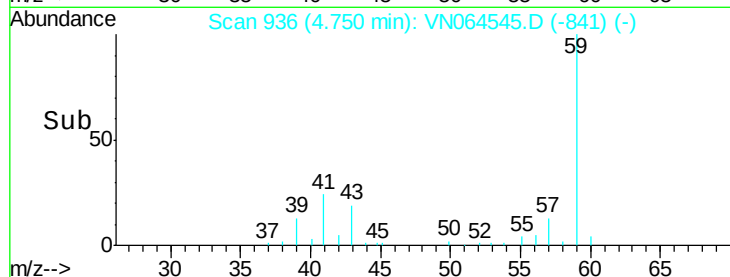
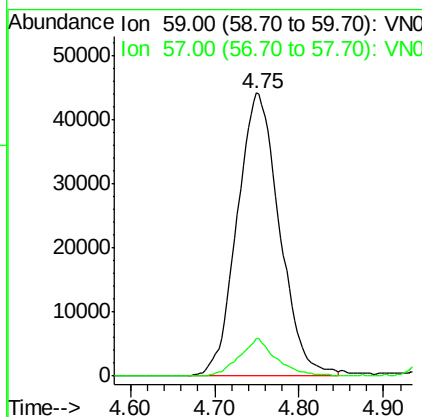
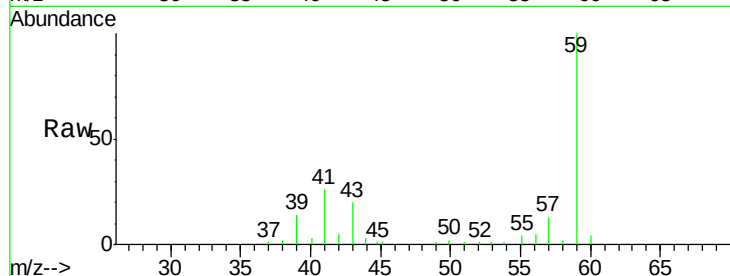
Tert butyl alcohol
 Concen: 247.498 ug/l
 RT: 4.75 min Scan# 936
 Delta R.T. 0.01 min
 Lab File: VN064545.D
 Acq: 11 Nov 2020 10:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	154345		
57	11.6		9.0	13.4

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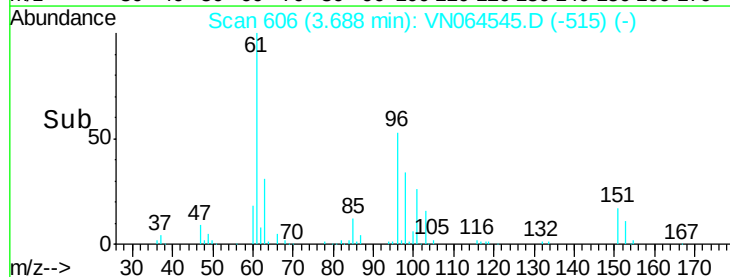
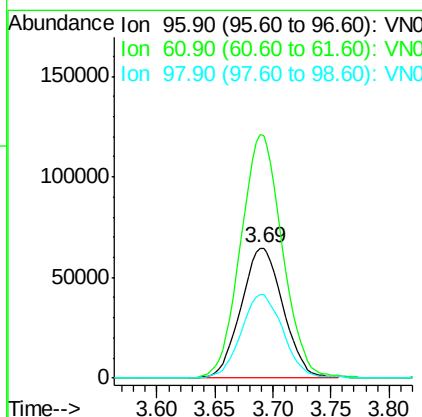
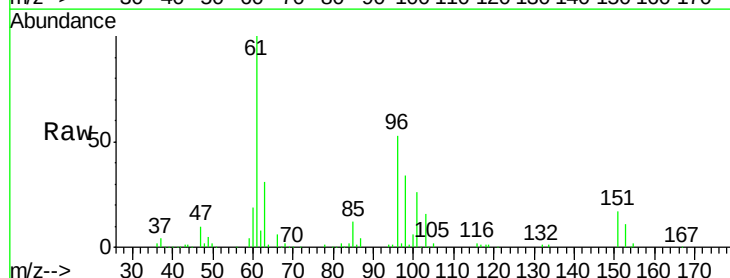
MMDadoda
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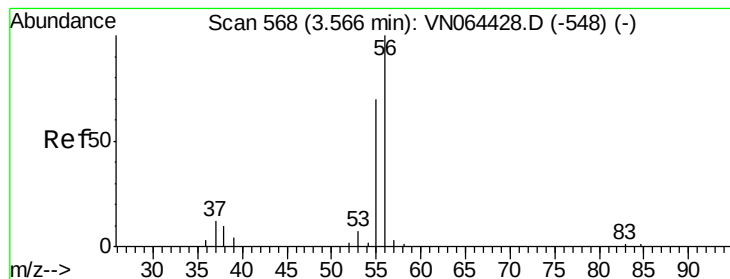


#12

1,1-Dichloroethene
 Concen: 47.149 ug/l
 RT: 3.69 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VN064545.D
 Acq: 11 Nov 2020 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	163705		
61	187.0		149.5	224.3
98	64.4		52.4	78.6





#13

Acrolein

Concen: 357.651 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064545.D

Acq: 11 Nov 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 138348

Ion Ratio Lower Upper

56 100

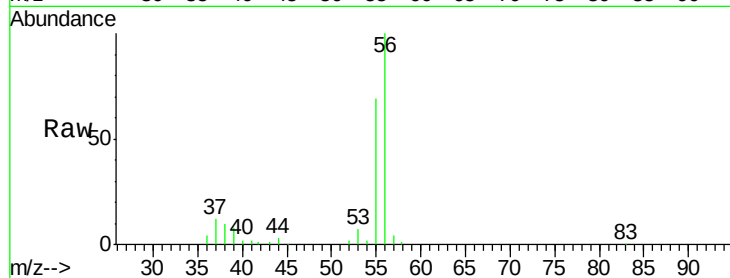
55 71.8 55.9 83.9

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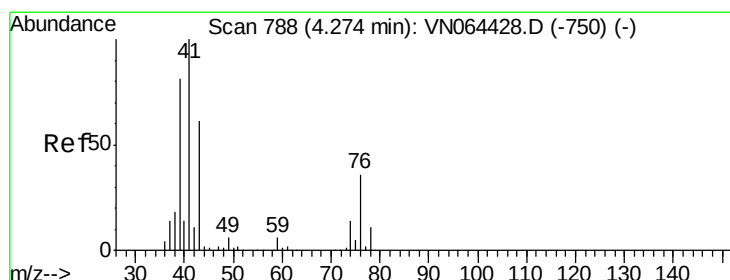
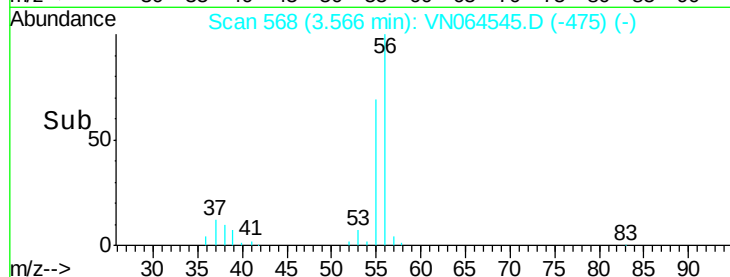
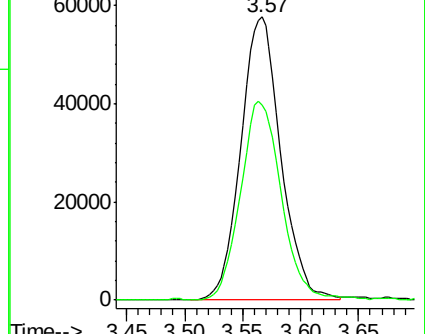
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 47.411 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064545.D

Acq: 11 Nov 2020 10:23

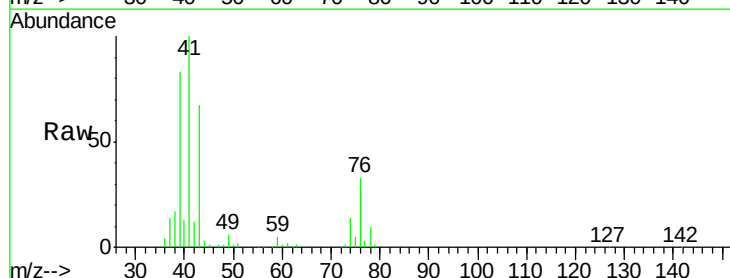
Tgt Ion: 41 Resp: 322020

Ion Ratio Lower Upper

41 100

39 78.2 61.8 92.8

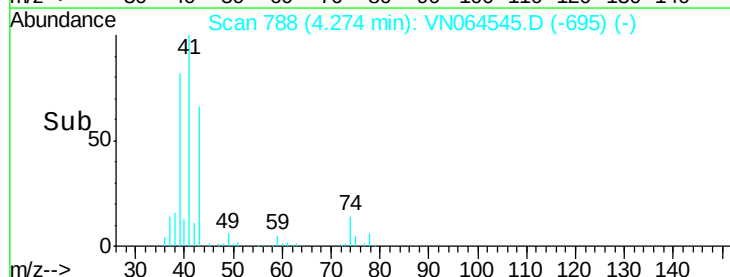
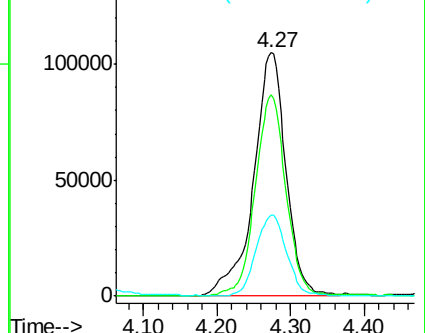
76 31.0 25.4 38.0

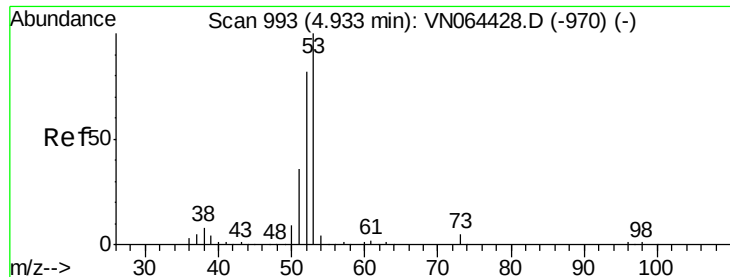


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 264.372 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064545.D

Acq: 11 Nov 2020 10:23

Instrument :

MSVOA_N

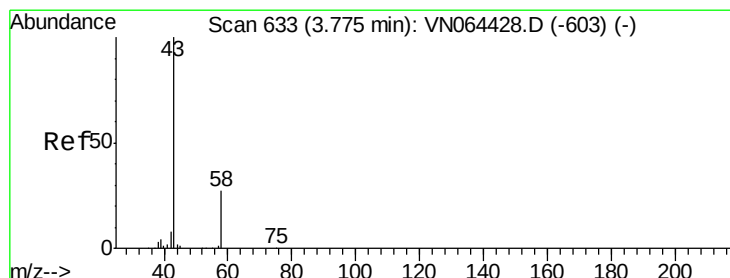
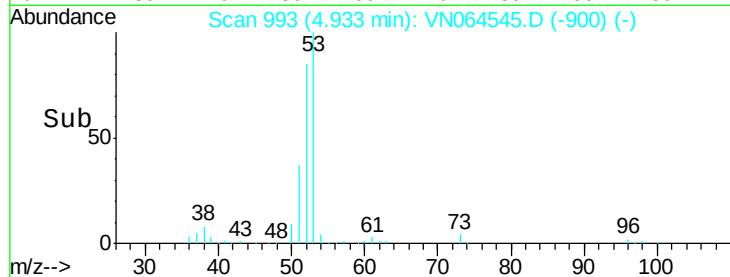
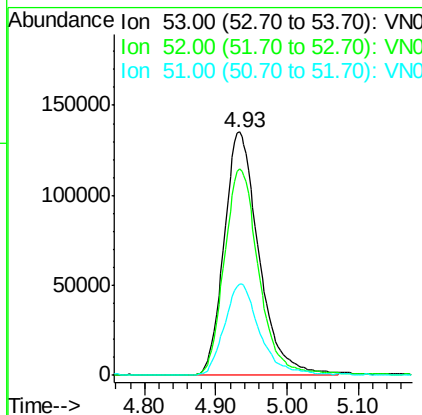
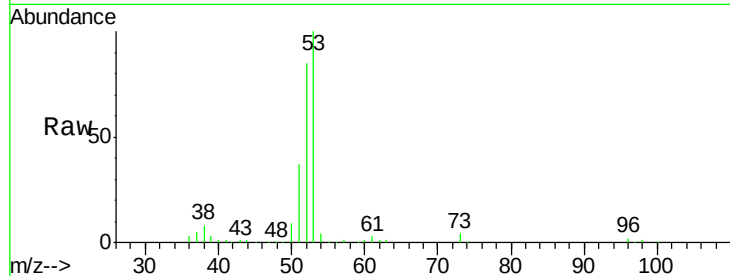
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	459011
Ion Ratio	Lower	Upper	
53	100		
52	83.0	65.6	98.4
51	38.1	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 282.599 ug/l

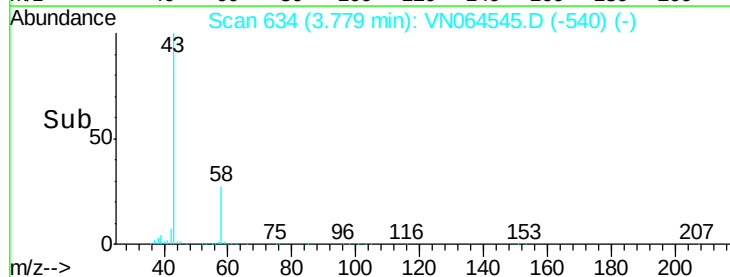
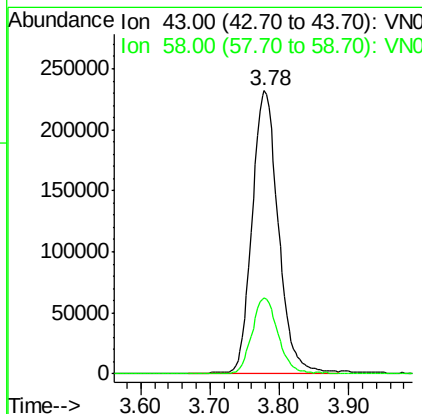
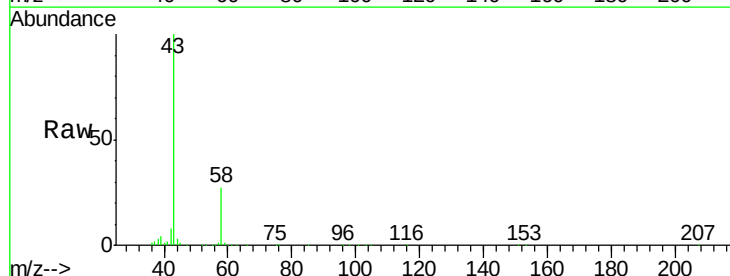
RT: 3.78 min Scan# 634

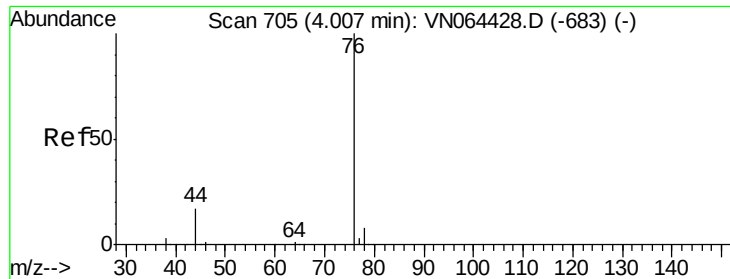
Delta R.T. 0.00 min

Lab File: VN064545.D

Acq: 11 Nov 2020 10:23

Tgt Ion:	43	Resp:	608736
Ion Ratio	Lower	Upper	
43	100		
58	27.0	21.4	32.0





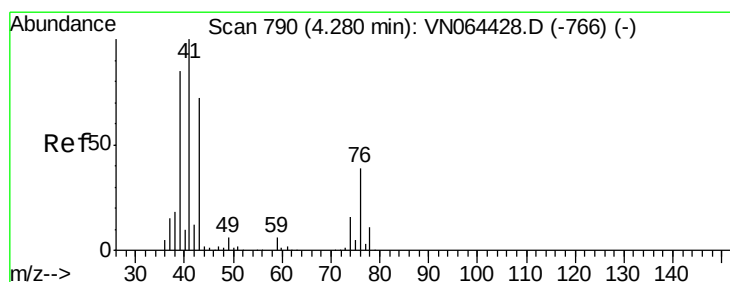
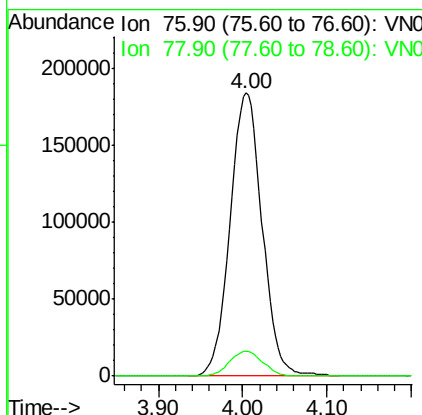
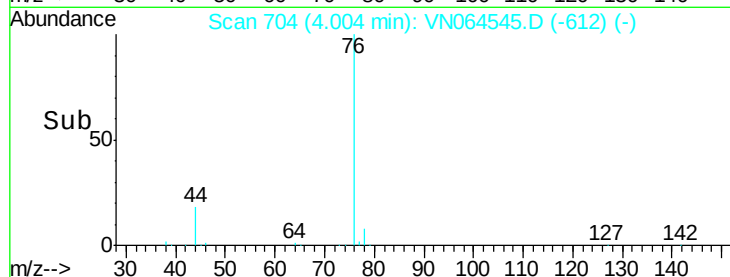
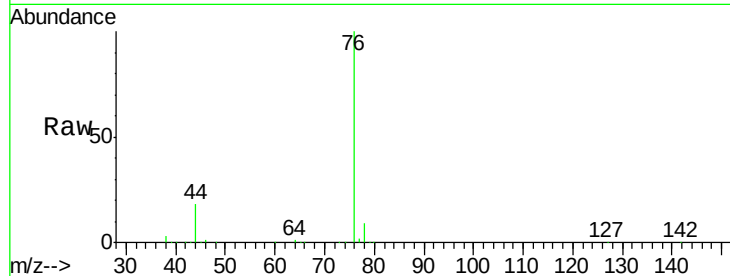
#17
Carbon Disulfide
Concen: 46.929 ug/l
RT: 4.00 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	6.8	10.2

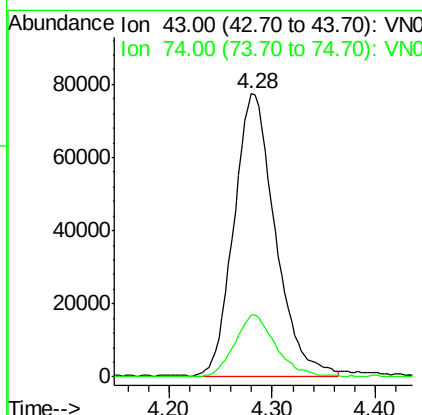
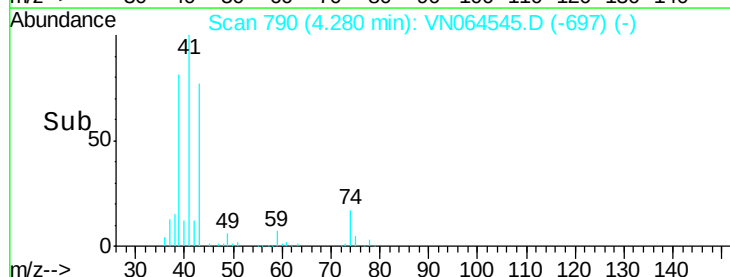
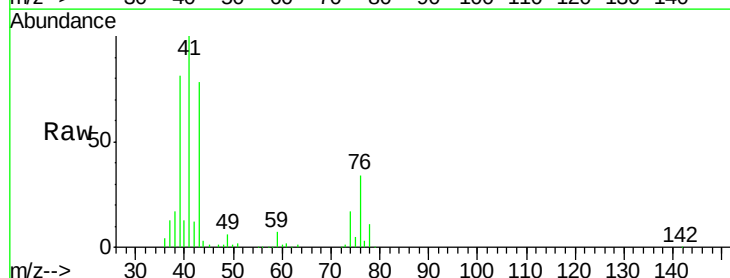
Manual Integrations
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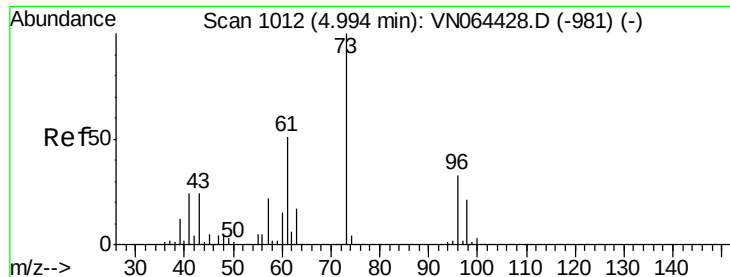
MMDadoda
11/12/2020 9:12:14 AM



#18
Methyl Acetate
Concen: 50.764 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.0	17.0	25.4





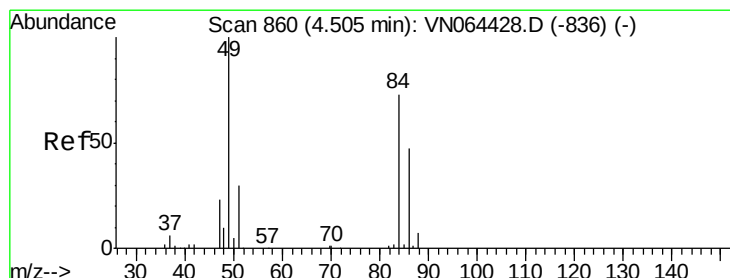
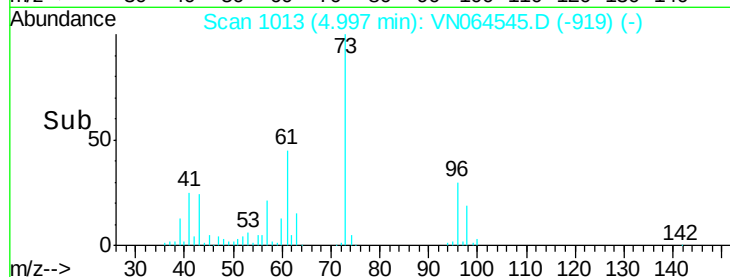
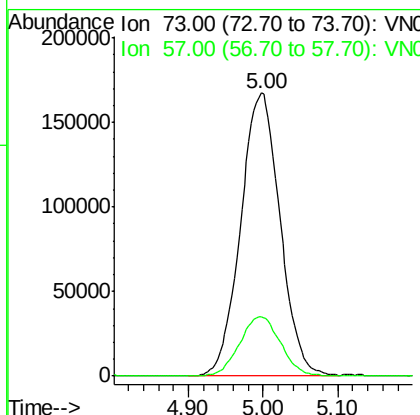
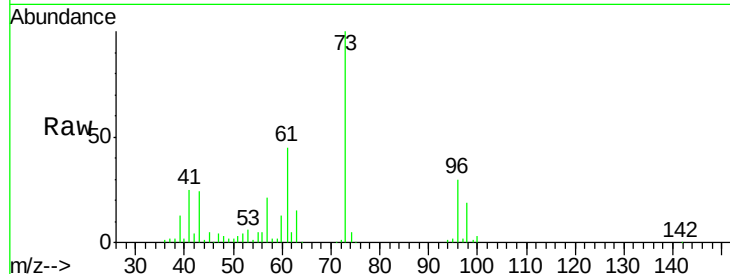
#19
Methyl tert-butyl Ether
Concen: 49.134 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 613992
Ion Ratio Lower Upper
73 100
57 20.7 17.7 26.5

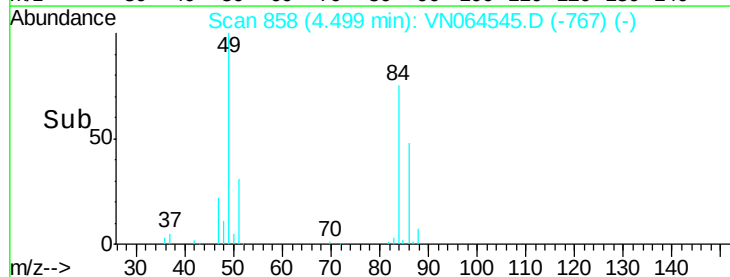
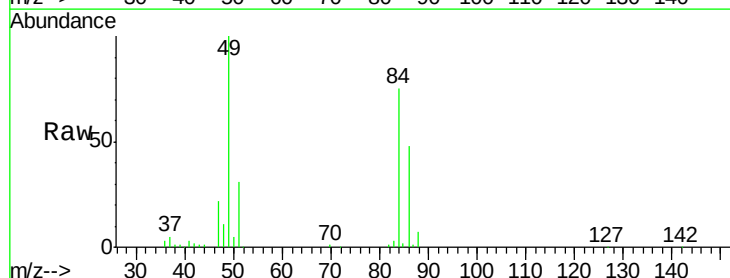
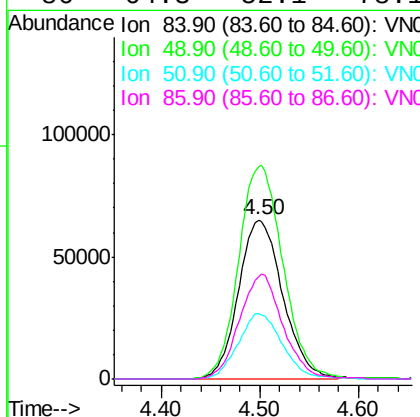
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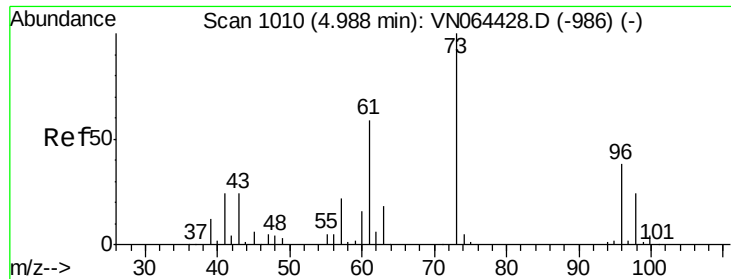
MMDadoda
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#20
Methylene Chloride
Concen: 47.280 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Tgt Ion: 84 Resp: 202065
Ion Ratio Lower Upper
84 100
49 133.1 110.1 165.1
51 41.3 33.6 50.4
86 64.3 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 48.671 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VN064545.D

Acq: 11 Nov 2020 10:23

Instrument :

MSVOA_N

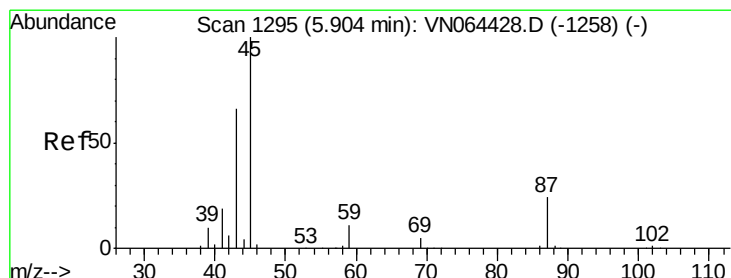
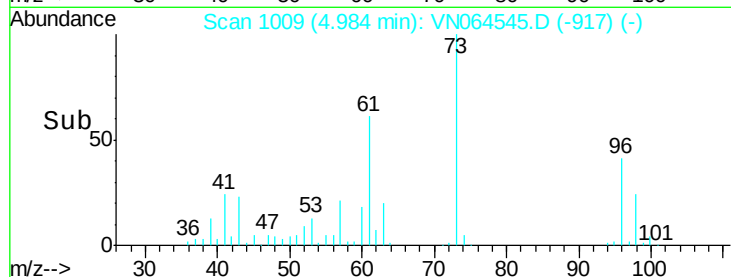
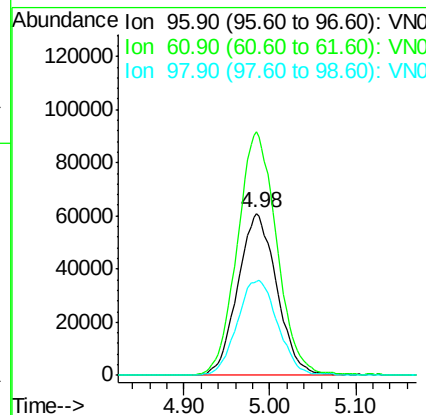
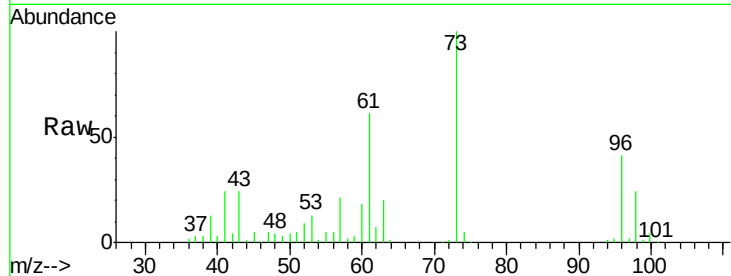
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	191874
Ion	Ratio	Lower	Upper
96	100		
61	150.6	122.4	183.6
98	57.7	50.4	75.6

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#22

Diisopropyl ether

Concen: 48.912 ug/l

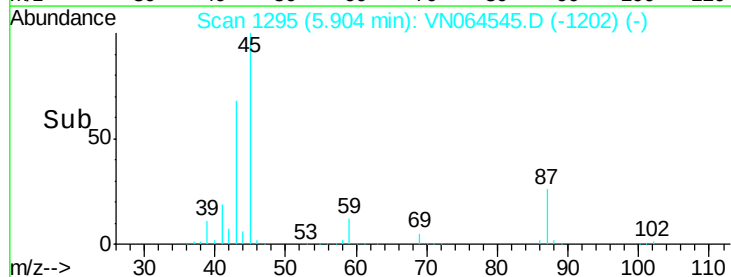
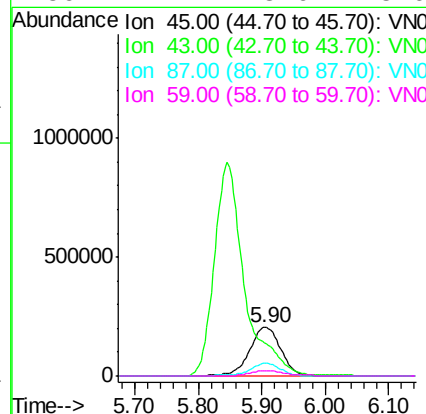
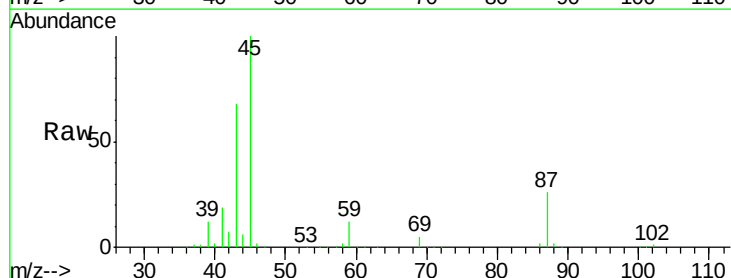
RT: 5.90 min Scan# 1295

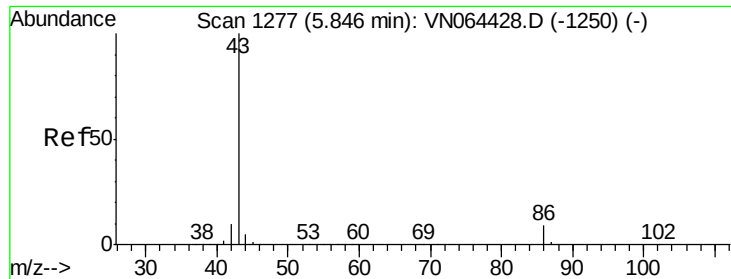
Delta R.T. -0.00 min

Lab File: VN064545.D

Acq: 11 Nov 2020 10:23

Tgt Ion:	45	Resp:	705203
Ion	Ratio	Lower	Upper
45	100		
43	66.3	53.2	79.8
87	26.0	19.9	29.9
59	11.7	8.6	13.0





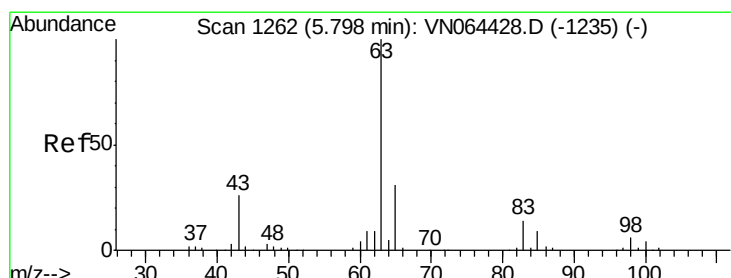
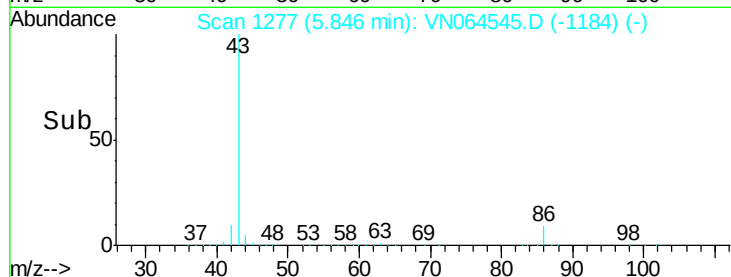
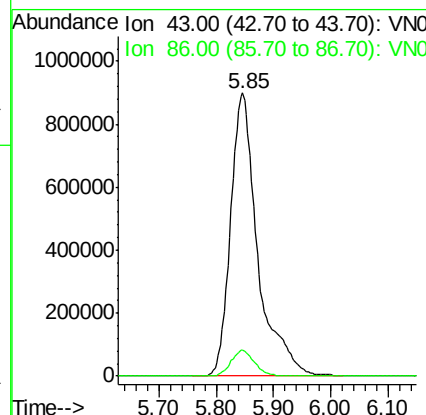
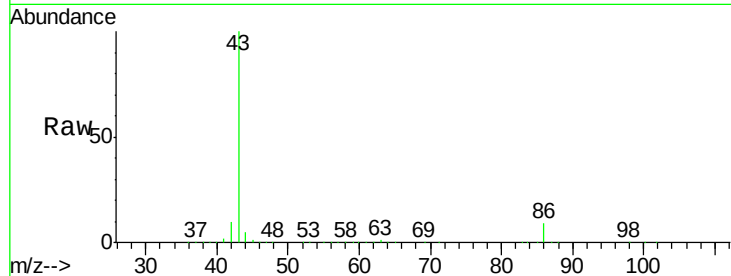
#23
 Vinyl Acetate
 Concen: 252.862 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VN064545.D
 Acq: 11 Nov 2020 10:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2965786
 Ion Ratio Lower Upper
 43 100
 86 9.1 6.8 10.2

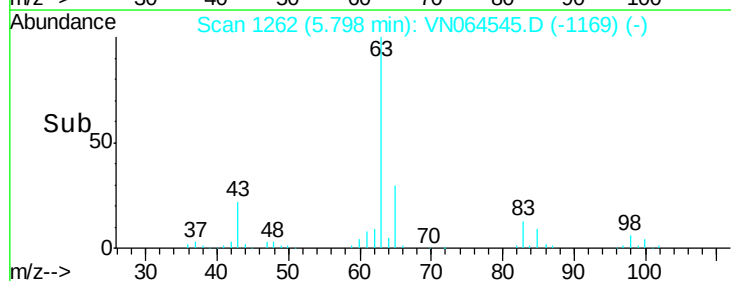
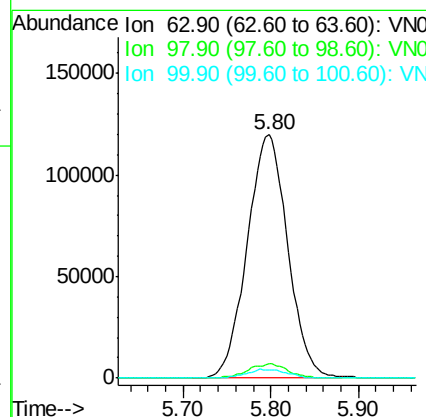
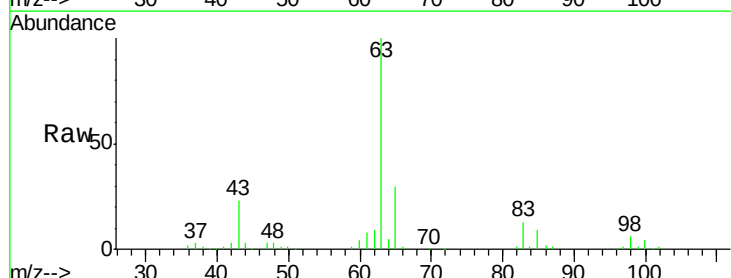
Manual Integrations
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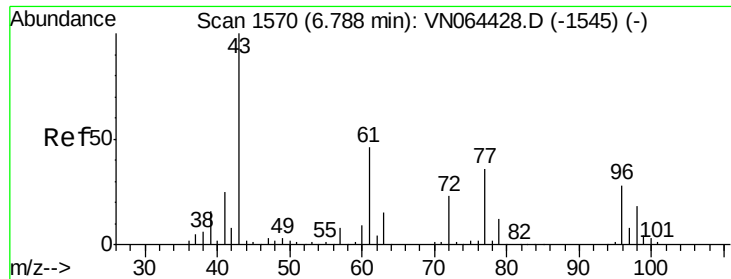
MMDadoda
 11/12/2020 9:12:14 AM



#24
 1,1-Dichloroethane
 Concen: 48.544 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN064545.D
 Acq: 11 Nov 2020 10:23

Tgt Ion: 63 Resp: 384599
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.0 9.2
 100 3.5 1.8 5.3





#25

2-Butanone

Concen: 267.878 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN064545.D

Acq: 11 Nov 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 735213

Ion Ratio Lower Upper

43 100

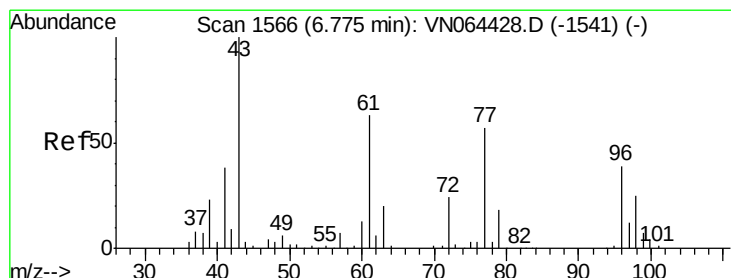
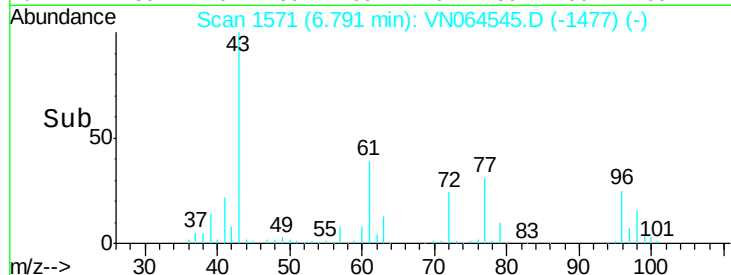
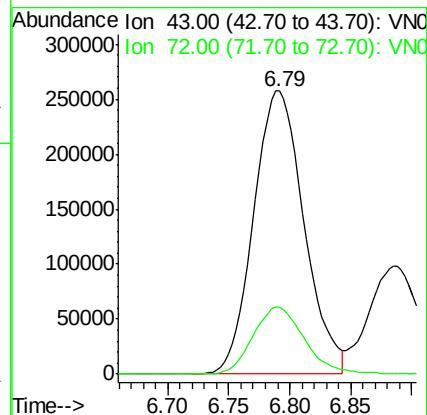
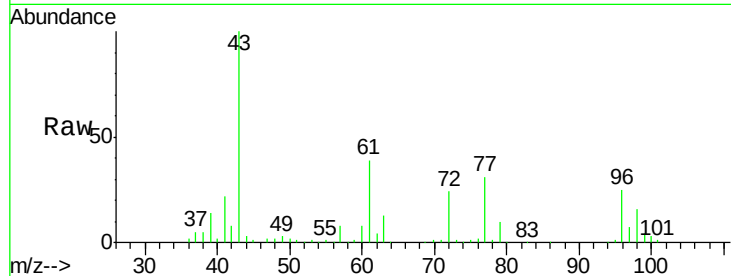
72 23.7 18.5 27.7

Manual Integrations

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MMDadoda

11/12/2020 9:12:14 AM



#26

2,2-Dichloropropane

Concen: 49.419 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064545.D

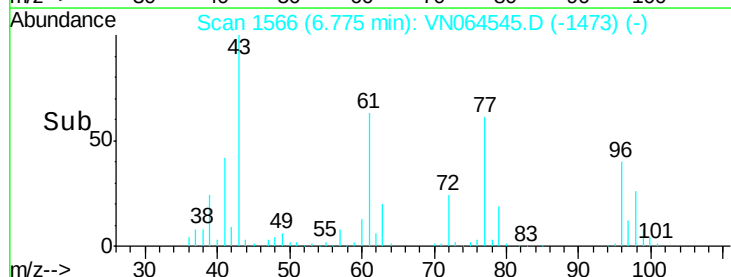
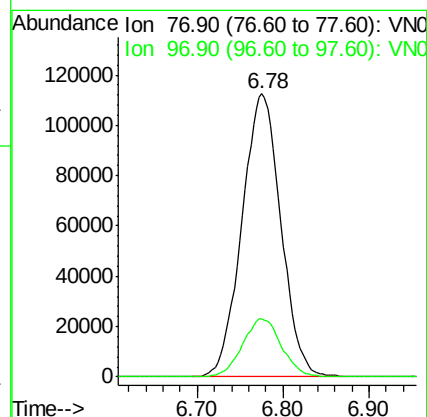
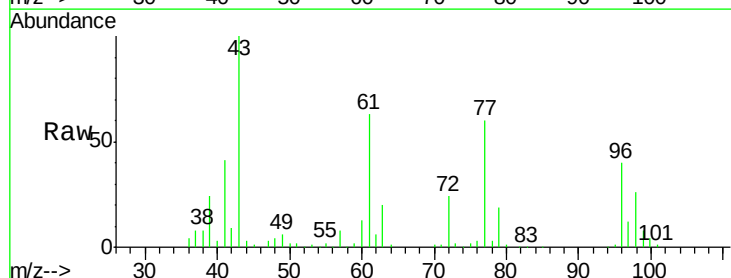
Acq: 11 Nov 2020 10:23

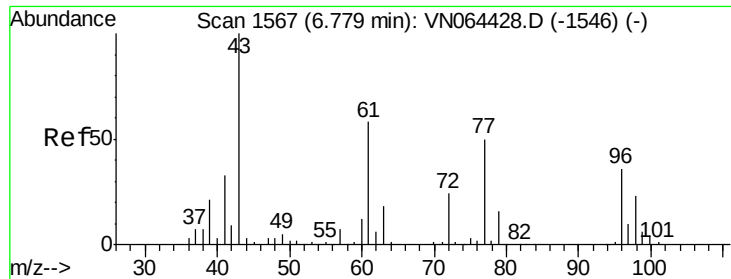
Tgt Ion: 77 Resp: 354432

Ion Ratio Lower Upper

77 100

97 20.5 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 48.875 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN064545.D

Acq: 11 Nov 2020 10:23

Instrument :

MSVOA_N

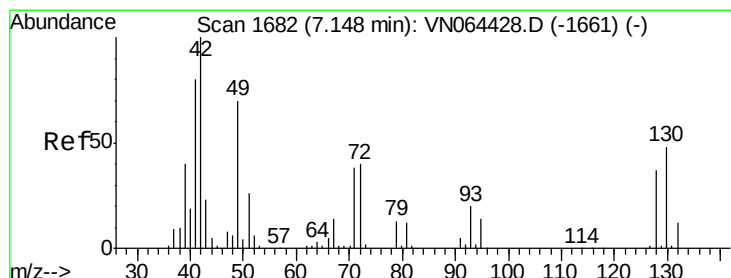
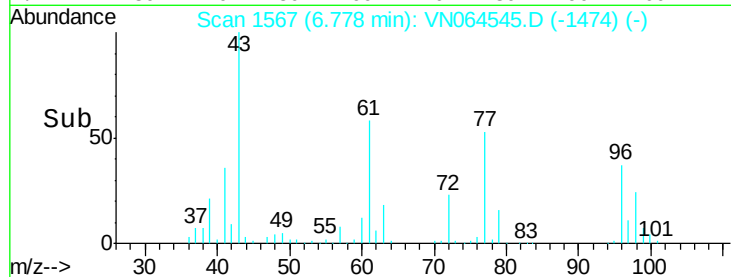
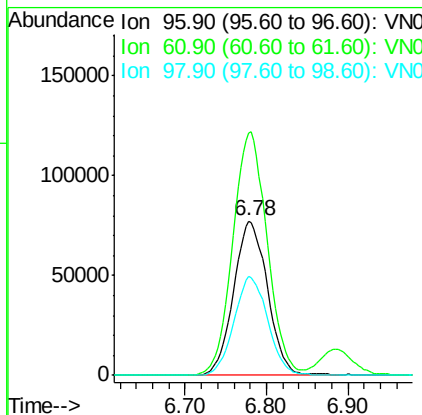
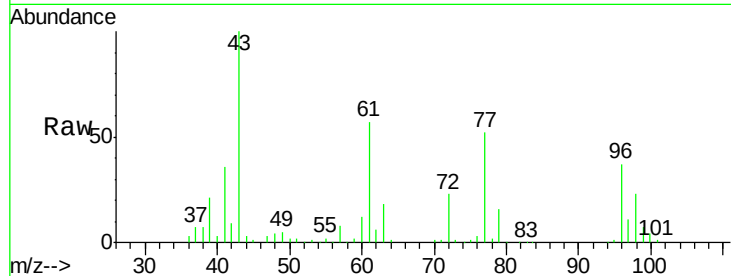
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	223266
Ion Ratio	Lower	Upper	
96	100		
61	159.7	0.0	329.6
98	63.7	0.0	131.2

Manual Integrations
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#28

Bromochloromethane

Concen: 47.659 ug/l

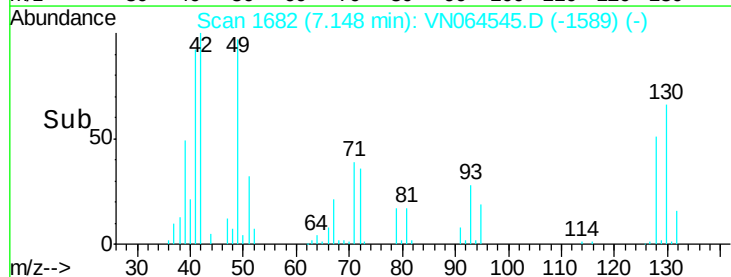
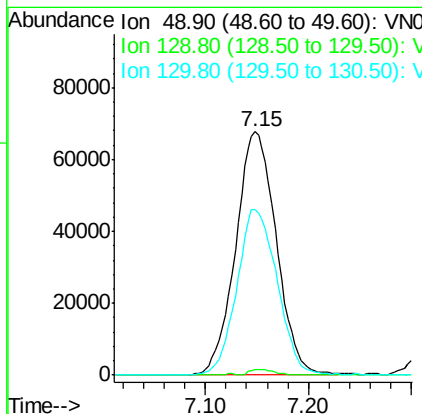
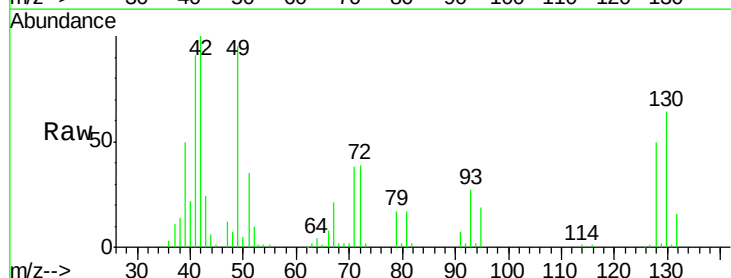
RT: 7.15 min Scan# 1682

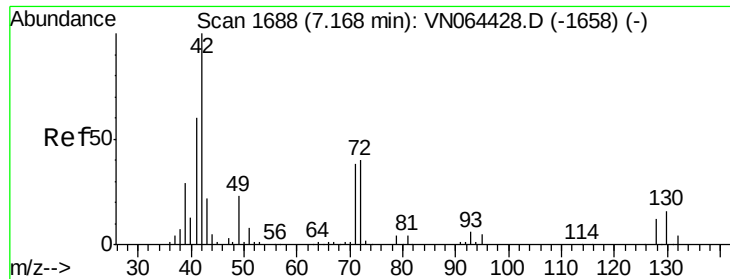
Delta R.T. -0.00 min

Lab File: VN064545.D

Acq: 11 Nov 2020 10:23

Tgt Ion:	49	Resp:	185595
Ion Ratio	Lower	Upper	
49	100		
129	1.4	0.0	3.6
130	67.5	54.2	81.4





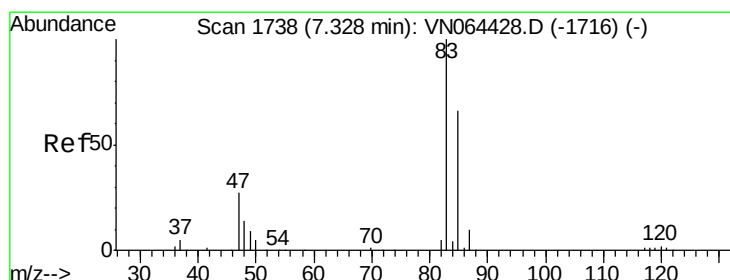
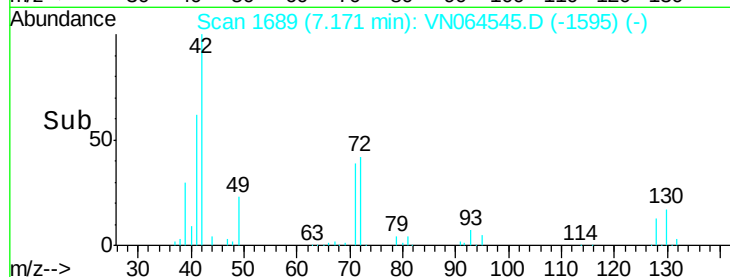
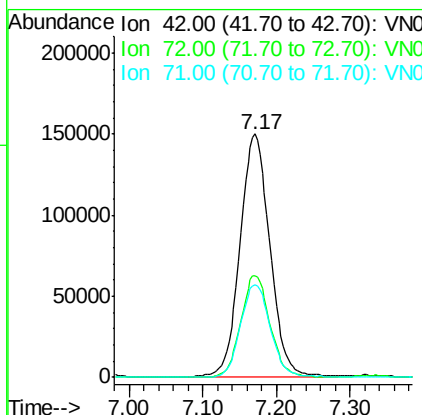
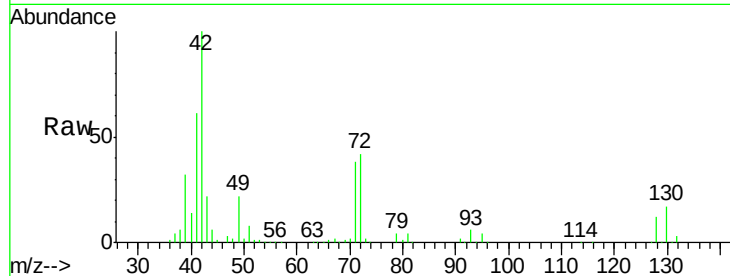
#29
Tetrahydrofuran
Concen: 252.447 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.9	31.7	47.5
71	38.0	29.8	44.6

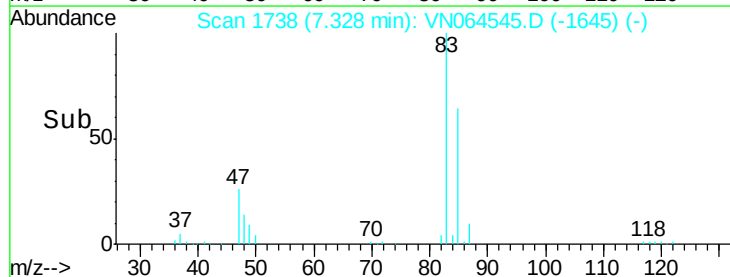
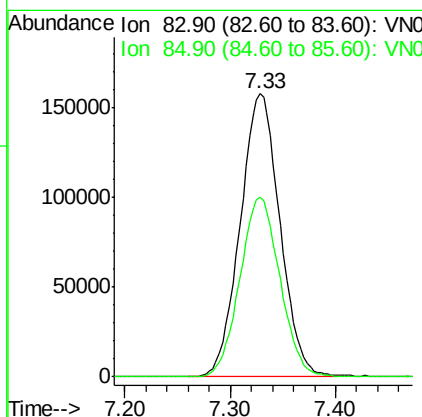
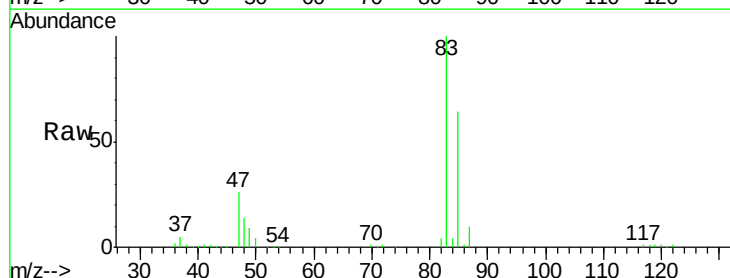
Manual Integrations
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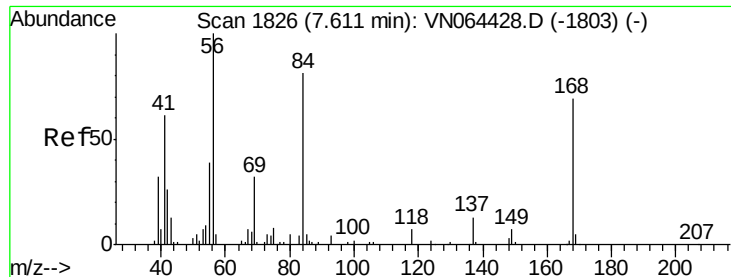
MMDadoda
11/12/2020 9:12:14 AM



#30
Chloroform
Concen: 49.687 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.5	78.7





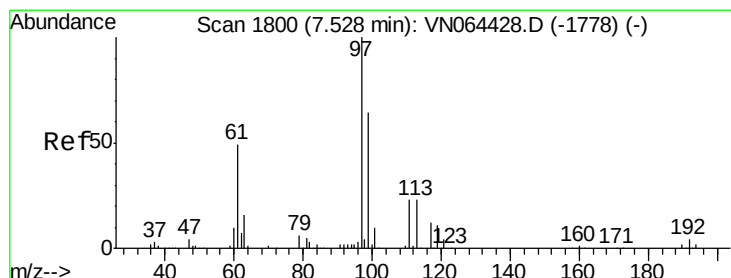
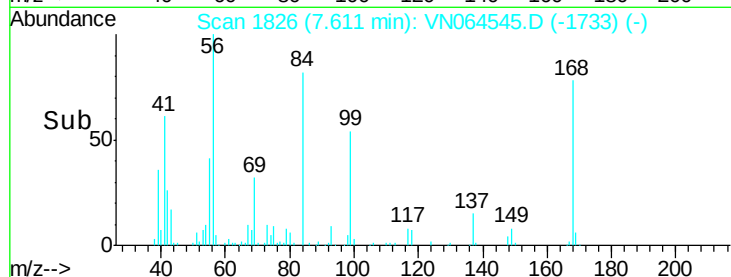
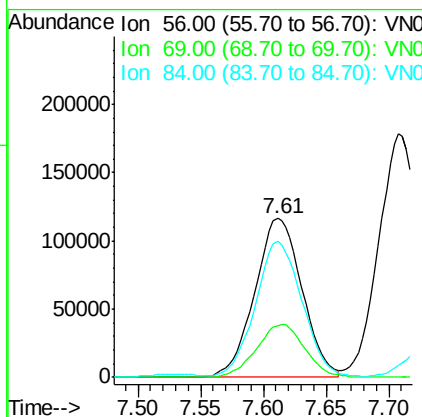
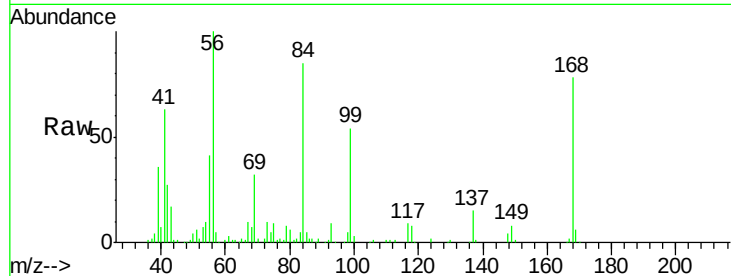
#31
Cyclohexane
Concen: 44.442 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.0	25.6	38.4
84	83.7	63.0	94.6

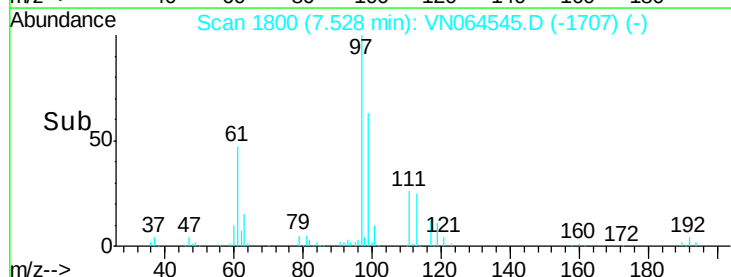
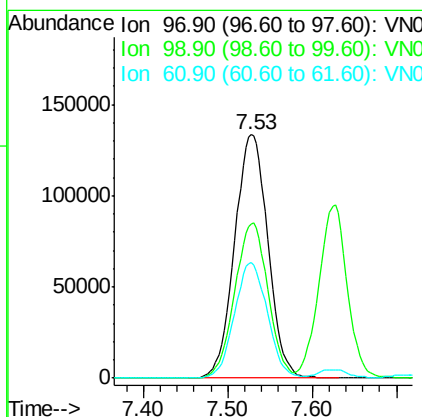
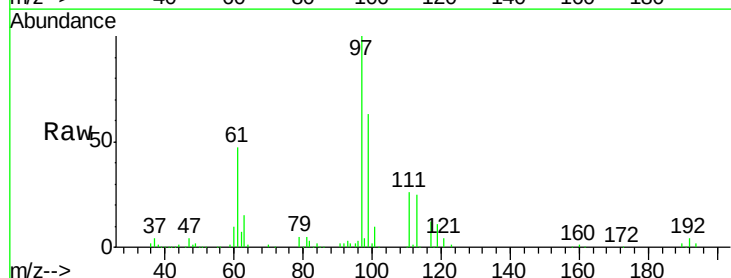
Manual Integrations
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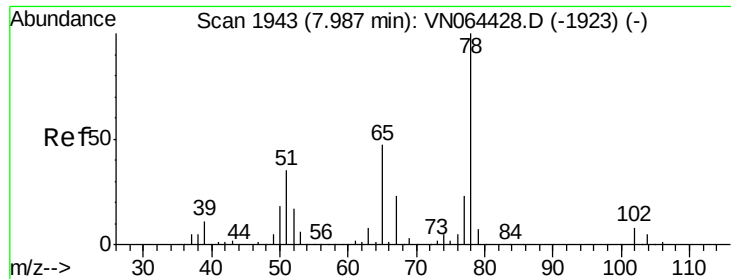
MMDadoda
11/12/2020 9:12:14 AM



#32
1,1,1-Trichloroethane
Concen: 49.675 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.3	76.9
61	47.0	39.1	58.7





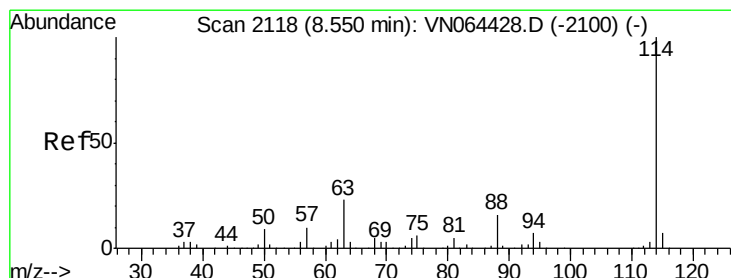
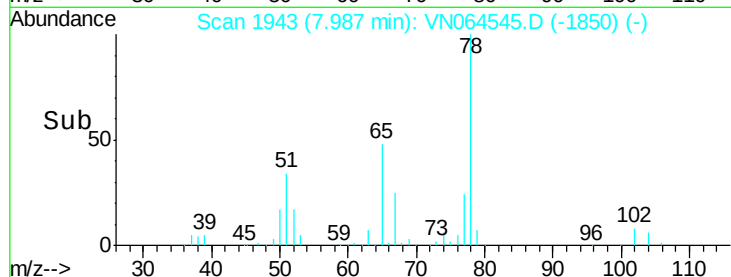
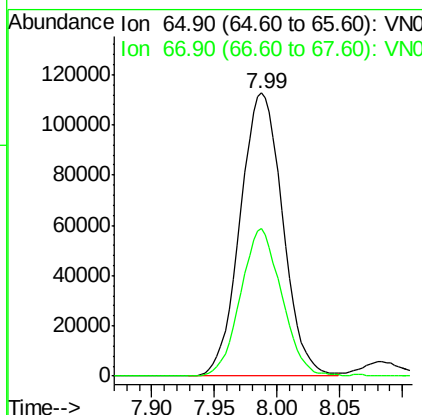
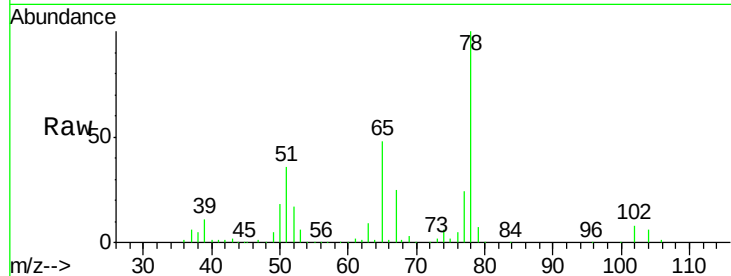
#33
 1,2-Dichloroethane-d4
 Concen: 47.043 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064545.D
 Acq: 11 Nov 2020 10:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	266023		
67	50.4	0.0	101.6	

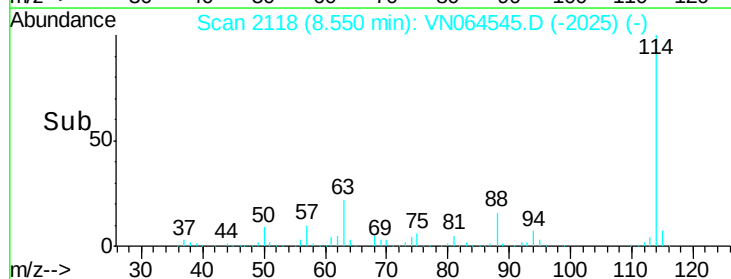
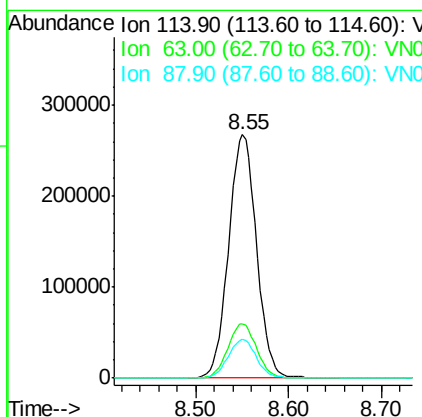
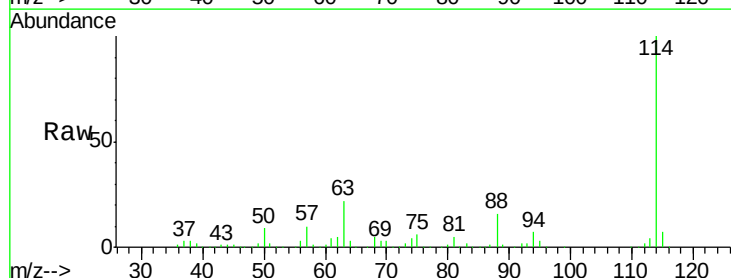
Manual Integrations
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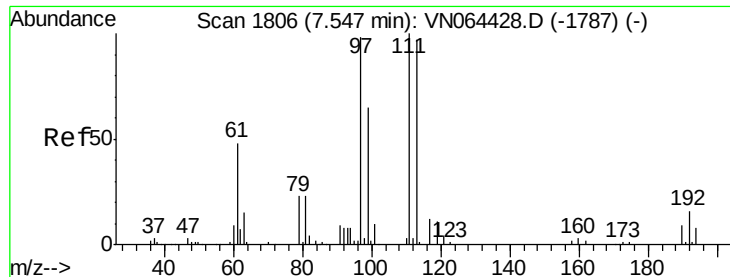
MMDadoda
 11/12/2020 9:12:14 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064545.D
 Acq: 11 Nov 2020 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	558128		
63	22.5	0.0	45.6	
88	15.9	0.0	32.8	





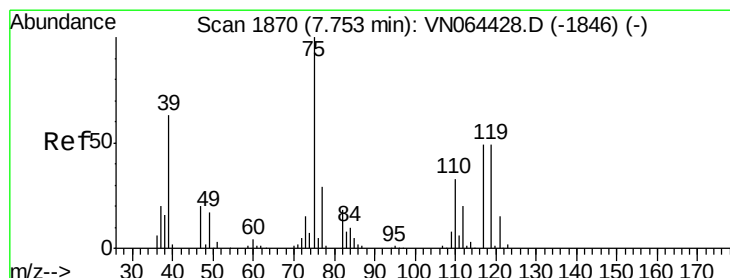
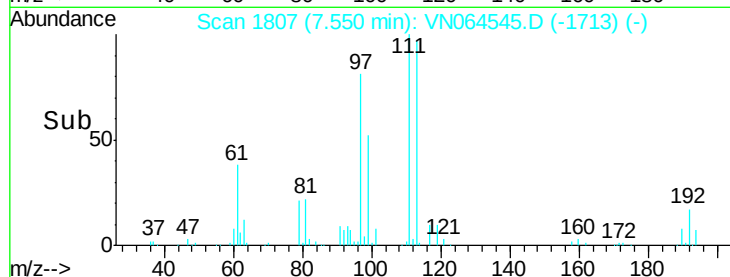
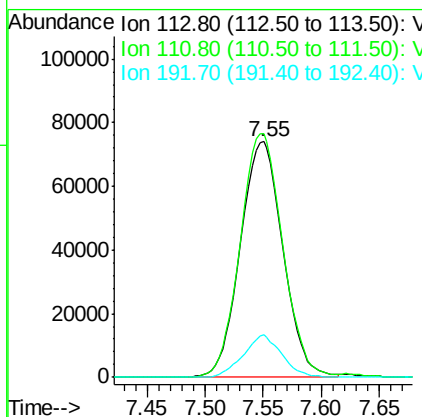
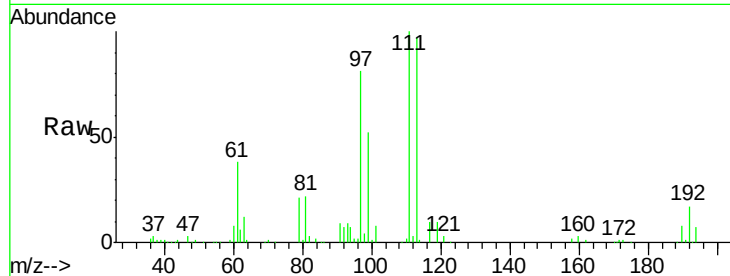
#35
 Dibromofluoromethane
 Concen: 49.850 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064545.D
 Acq: 11 Nov 2020 10:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	189435		
111	103.2	81.1	121.7	
192	16.4	12.8	19.2	

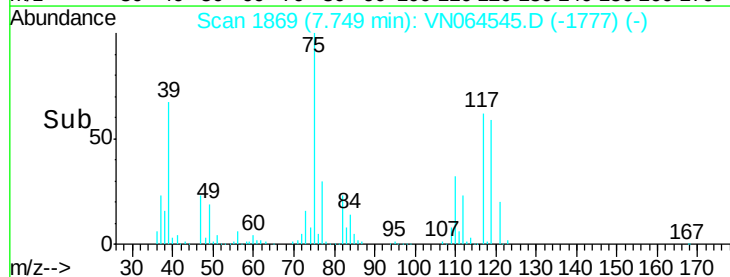
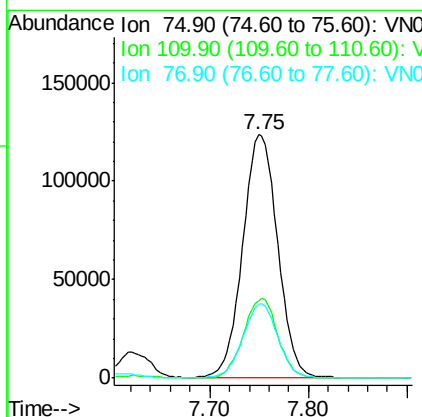
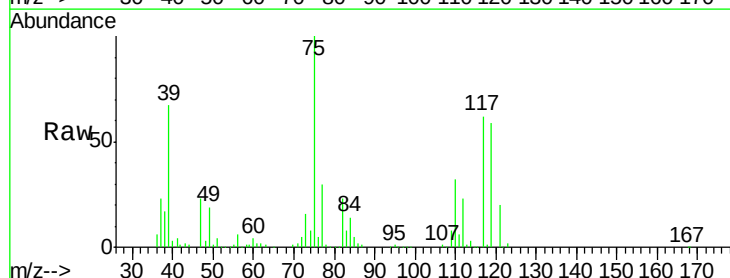
Manual Integrations
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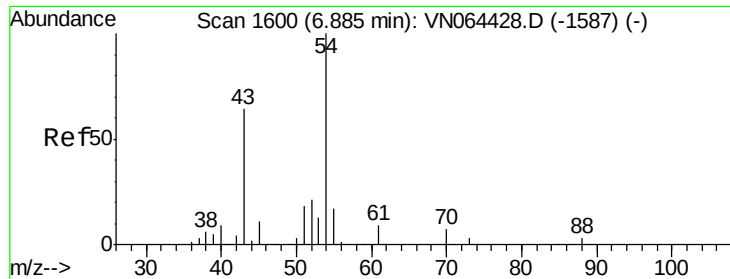
MMDadoda
 11/12/2020 9:12:14 AM



#36
 1,1-Dichloropropene
 Concen: 51.082 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064545.D
 Acq: 11 Nov 2020 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	301193		
110	32.4	16.0	48.0	
77	30.9	24.0	36.0	





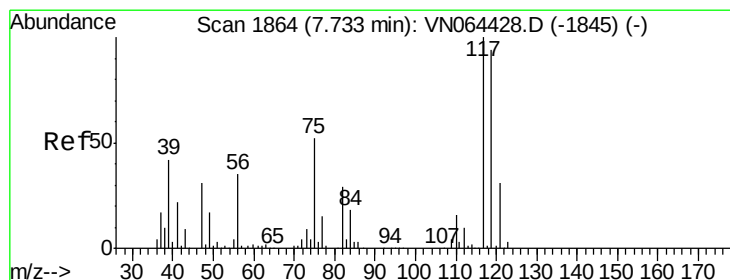
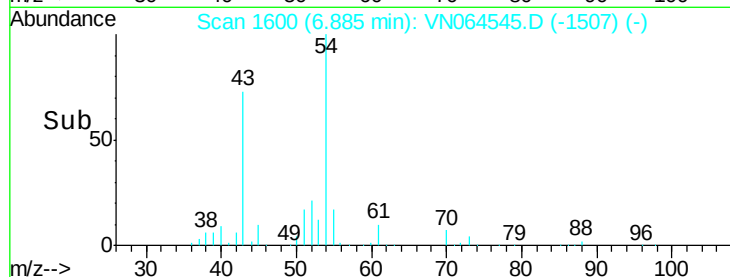
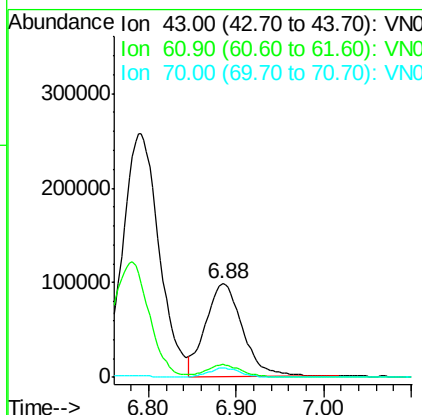
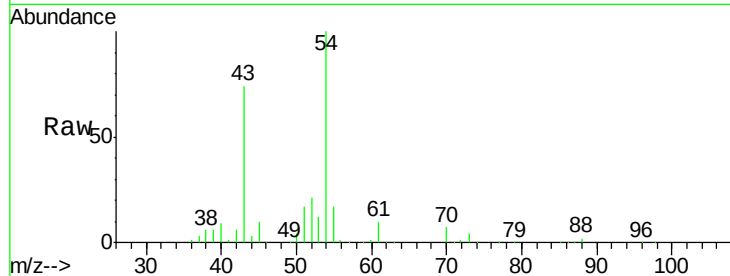
#37
Ethyl Acetate
Concen: 48.266 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.0	15.0
70	9.0	7.1	10.7

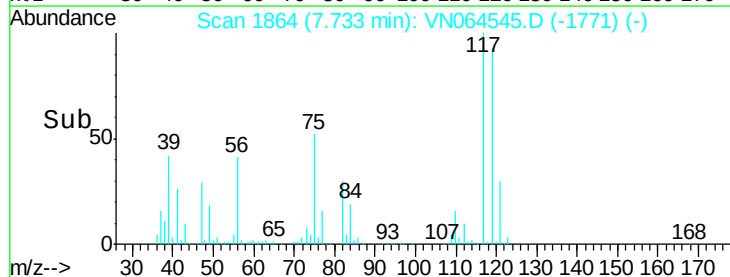
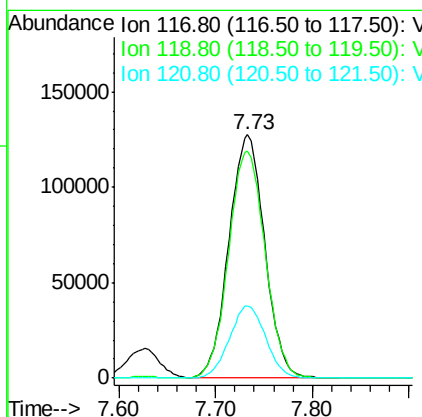
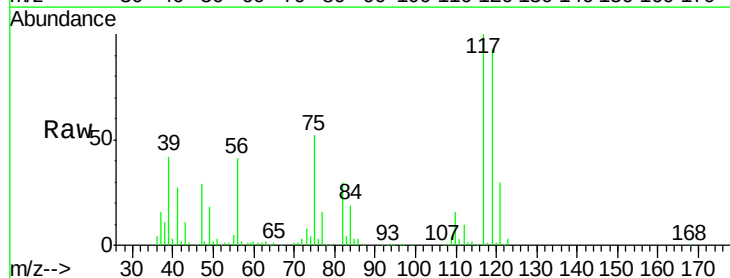
Manual Integrations
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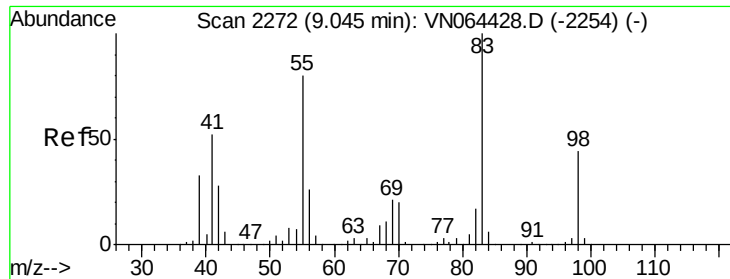
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#38
Carbon Tetrachloride
Concen: 51.740 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	75.5	113.3
121	29.8	24.4	36.6





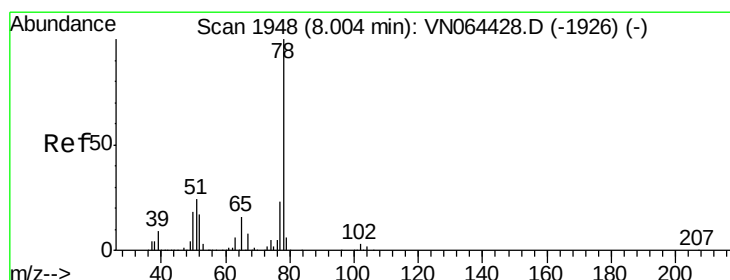
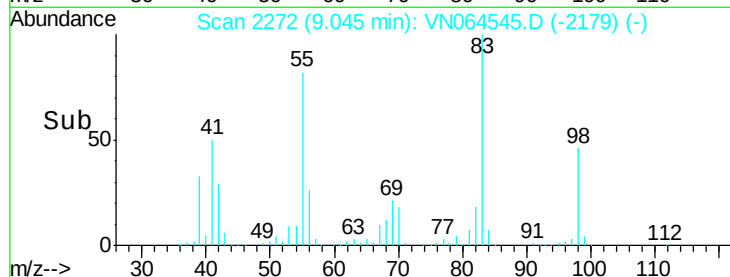
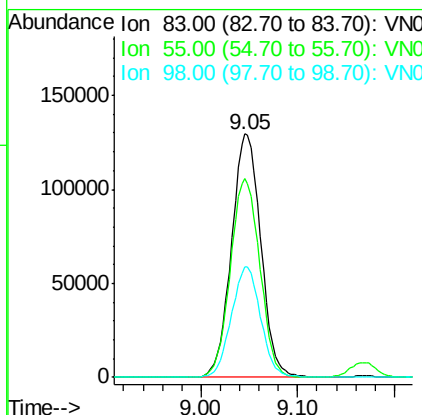
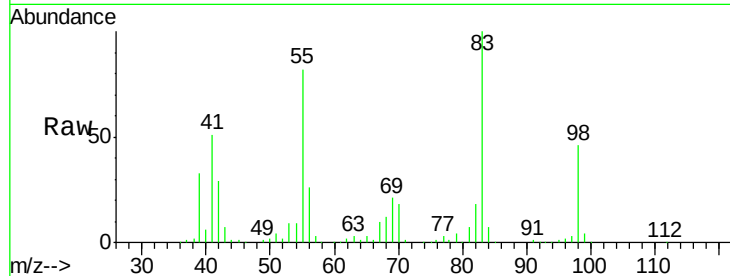
#39
Methylvlcyclohexane
Concen: 51.463 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	272010		
55	81.6		63.8	95.6
98	45.5		35.4	53.2

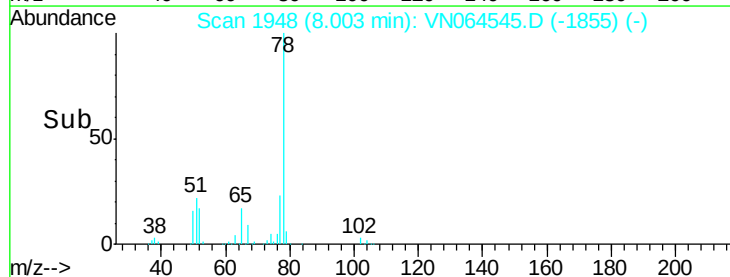
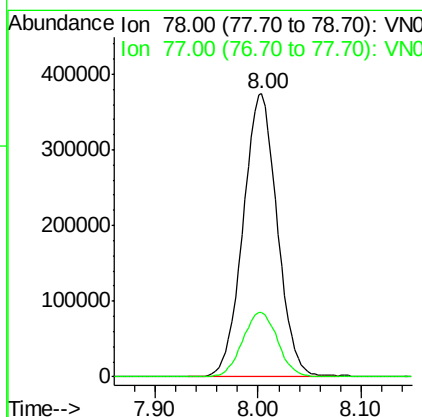
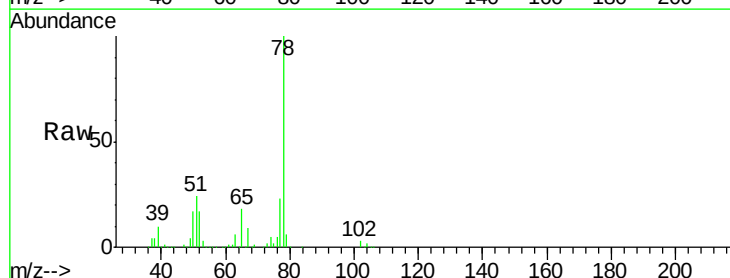
Manual Integrations
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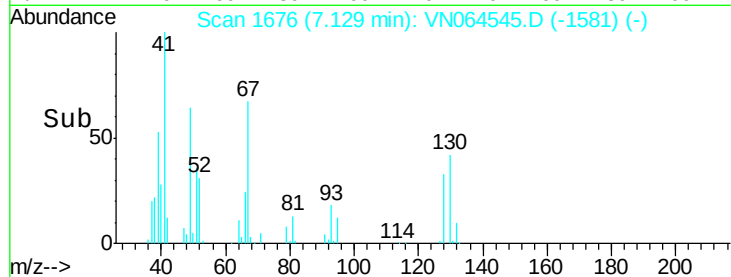
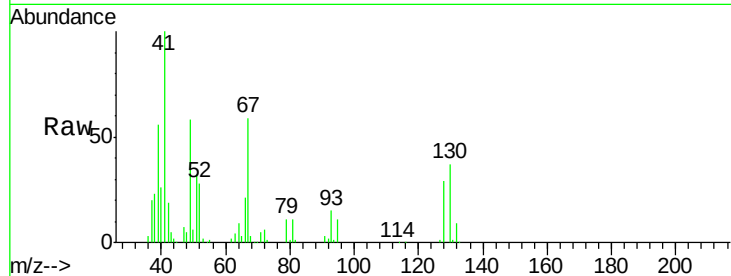
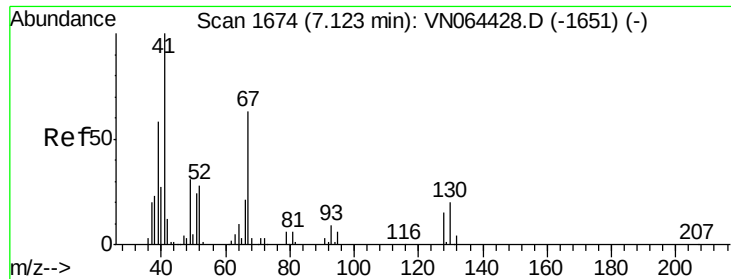
MMDadoda
11/12/2020 9:12:14 AM



#40
Benzene
Concen: 49.577 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	858973		
77	22.9		18.7	28.1





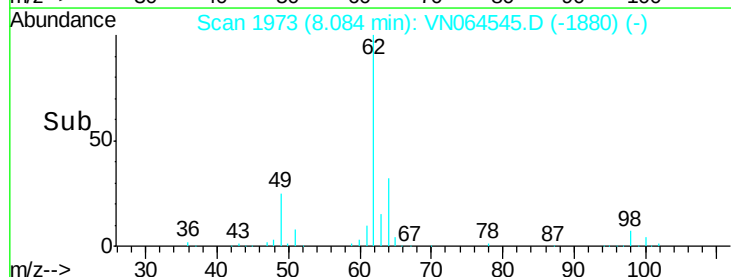
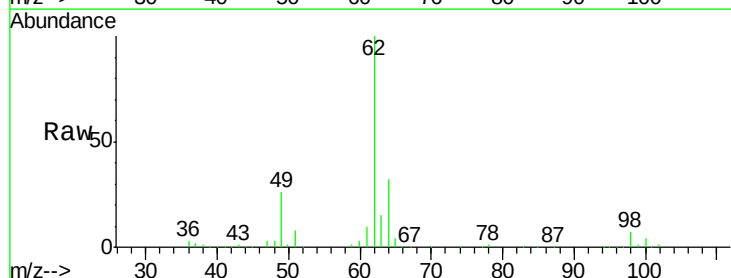
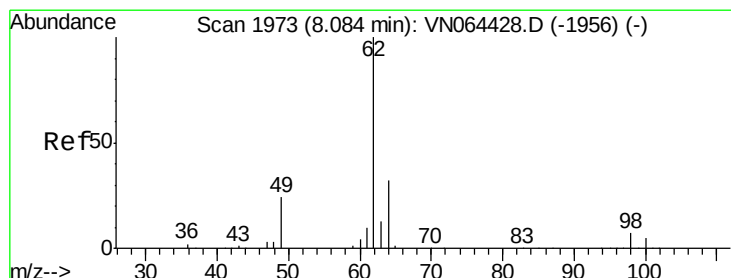
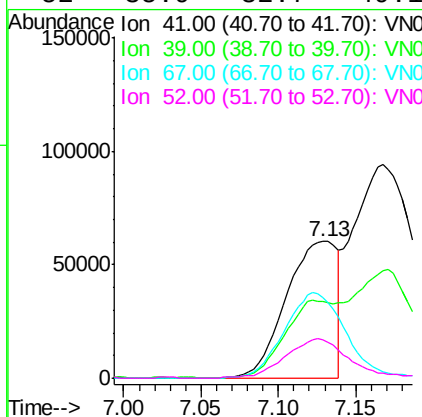
#41
Methacrylonitrile
Concen: 52.879 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.01 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Tot Ion	41	Resp	138229
Ion Ratio	Lower	Upper	
41	100		
39	52.1	50.0	75.0
67	75.2	68.3	102.5
52	35.9	32.7	49.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

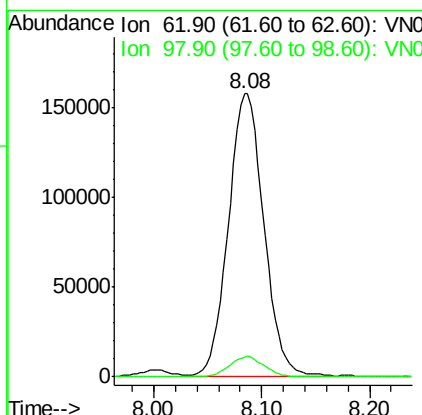
Manual Integrations
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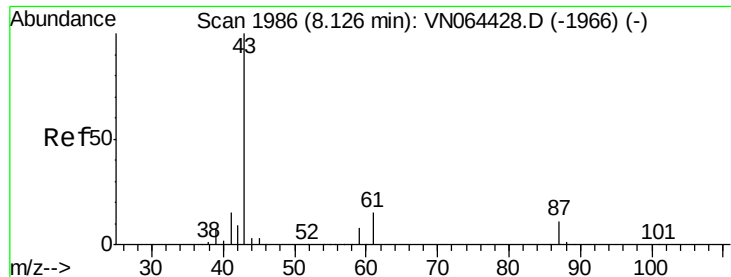
MMDadoda
11/12/2020 9:12:14 AM



#42
1,2-Dichloroethane
Concen: 51.174 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Tgt Ion	62	Resp	357815
Ion Ratio	Lower	Upper	
62	100		
98	7.1	0.0	14.0





#43

Isopropyl Acetate

Concen: 51.036 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064545.D

Acq: 11 Nov 2020 10:23

Instrument :

MSVOA_N

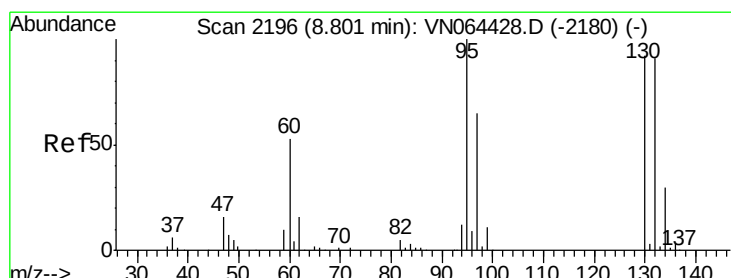
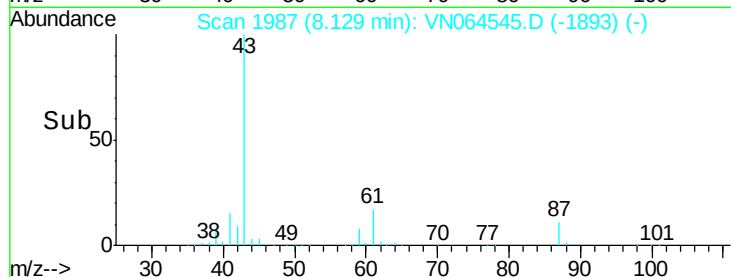
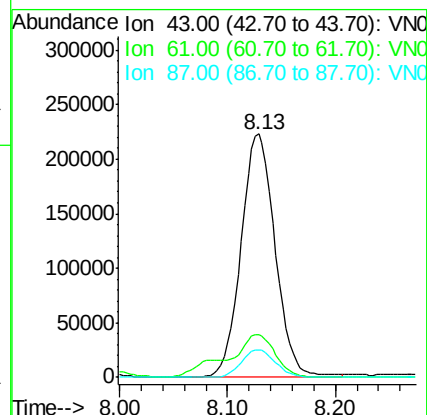
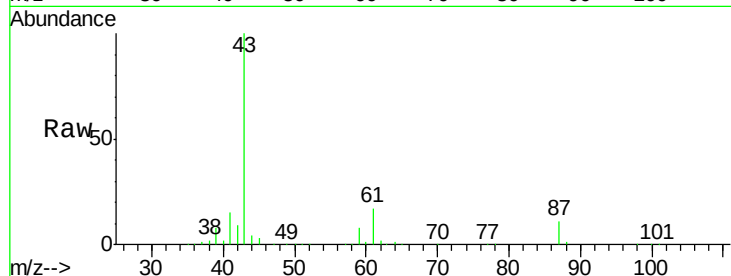
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	487671
Ion	Ratio	Lower	Upper
43	100		
61	17.4	14.0	21.0
87	11.4	9.1	13.7

Manual Integrations
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#44

Trichloroethene

Concen: 50.044 ug/l

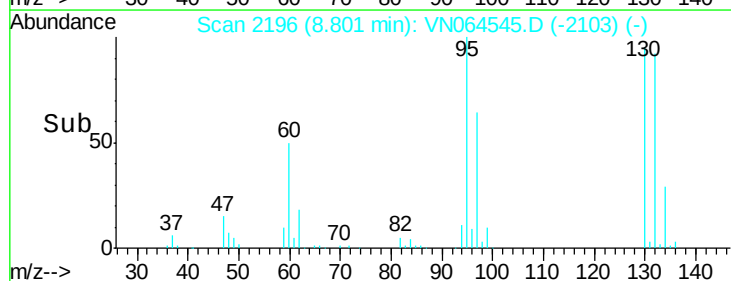
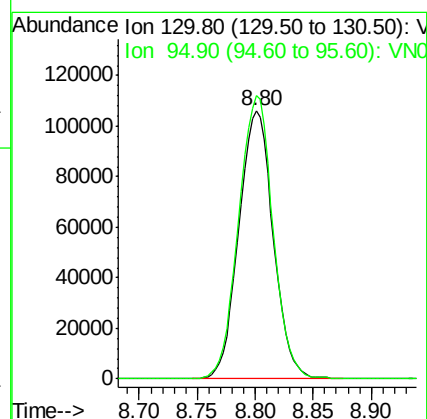
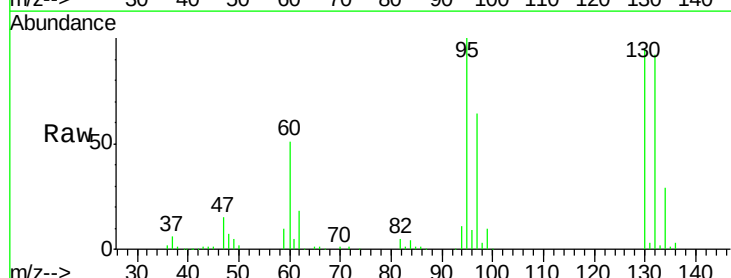
RT: 8.80 min Scan# 2196

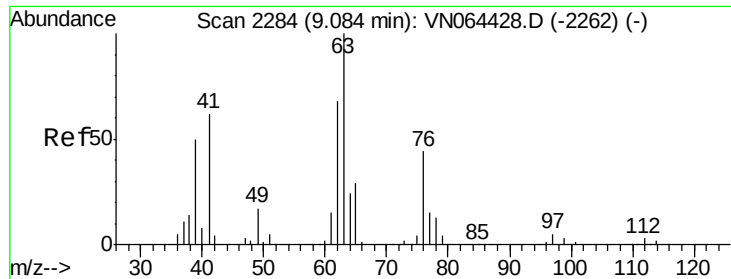
Delta R.T. -0.00 min

Lab File: VN064545.D

Acq: 11 Nov 2020 10:23

Tgt Ion:	130	Resp:	218759
Ion	Ratio	Lower	Upper
130	100		
95	105.6	0.0	216.8





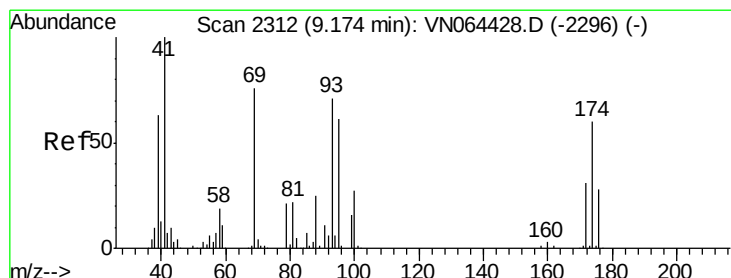
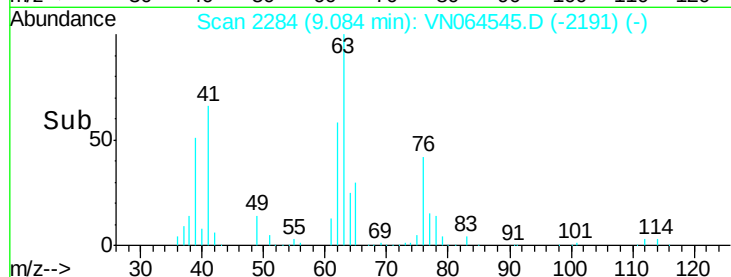
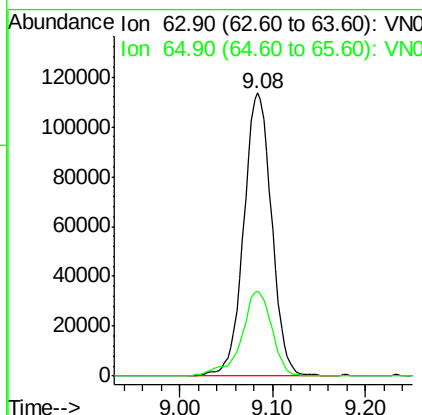
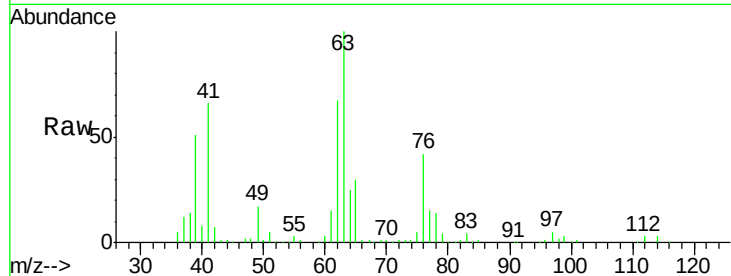
#45
 1,2-Dichloropropane
 Concen: 51.299 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064545.D
 Acq: 11 Nov 2020 10:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 237157
 Ion Ratio Lower Upper
 63 100
 65 30.2 23.6 35.4

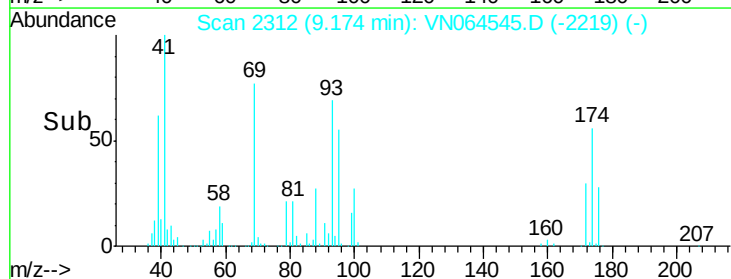
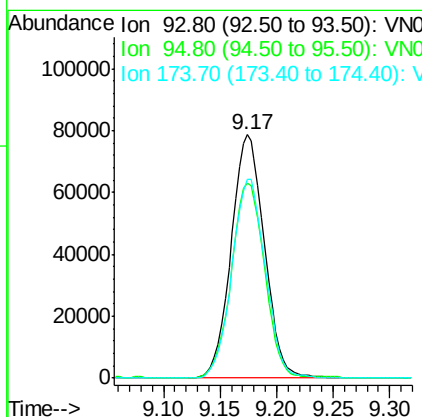
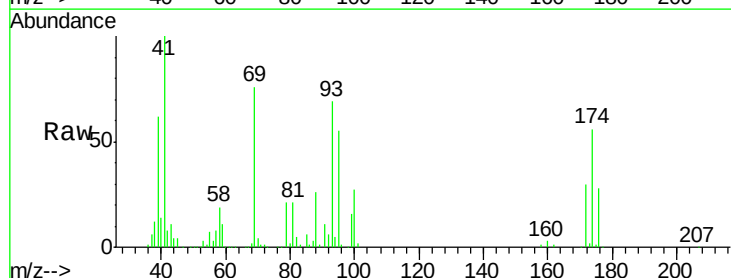
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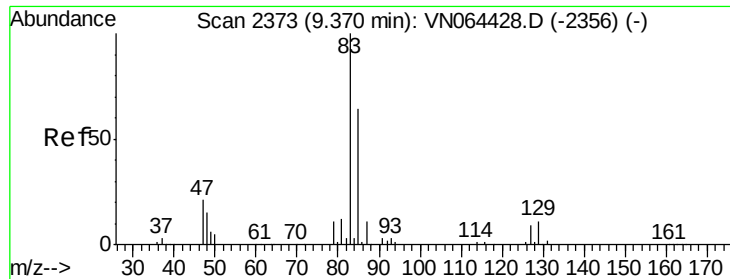
MMDadoda
 11/12/2020 9:12:14 AM



#46
 Dibromomethane
 Concen: 52.802 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064545.D
 Acq: 11 Nov 2020 10:23

Tgt Ion: 93 Resp: 160691
 Ion Ratio Lower Upper
 93 100
 95 80.4 66.4 99.6
 174 82.2 67.2 100.8





#47

Bromodichloromethane

Concen: 51.931 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064545.D

Acq: 11 Nov 2020 10:23

Instrument :

MSVOA_N

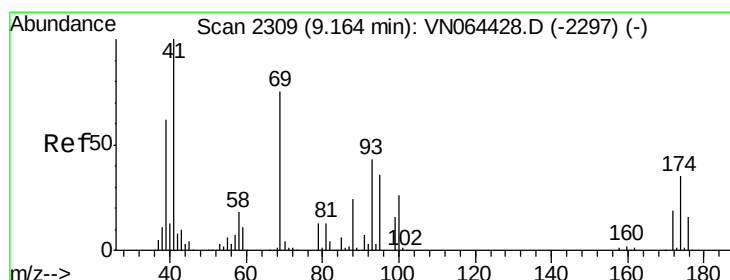
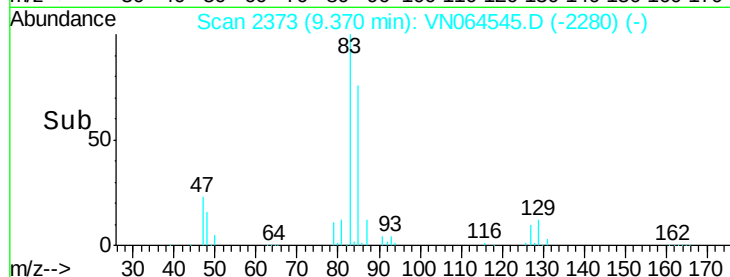
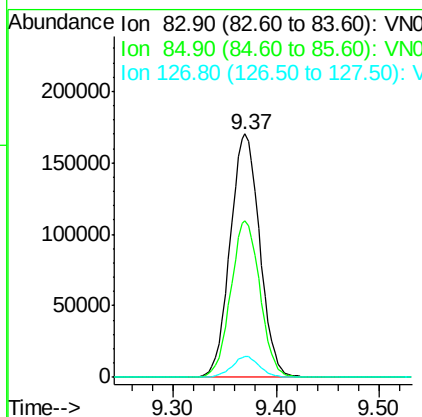
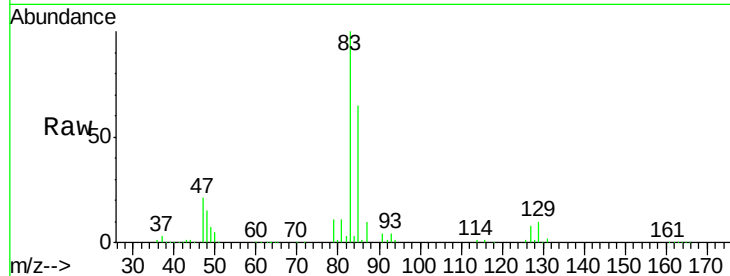
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	339816
Ion Ratio	Lower	Upper	
83	100		
85	64.6	51.2	76.8
127	8.4	6.9	10.3

Manual Integrations
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MMDadoda
11/12/2020 9:12:14 AM



#48

Methyl methacrylate

Concen: 51.572 ug/l

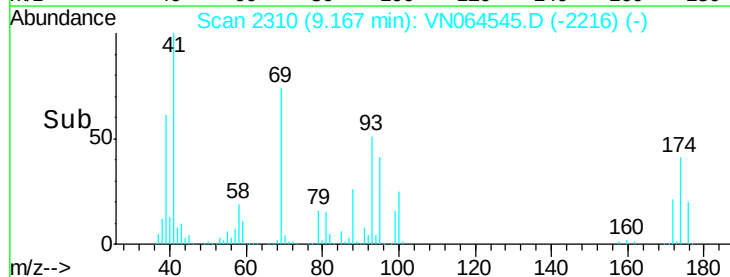
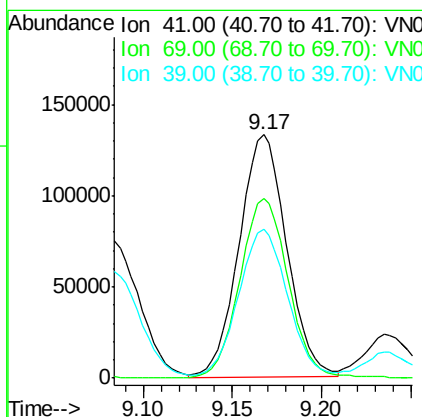
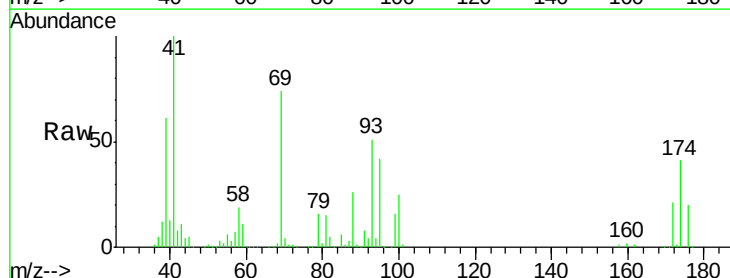
RT: 9.17 min Scan# 2310

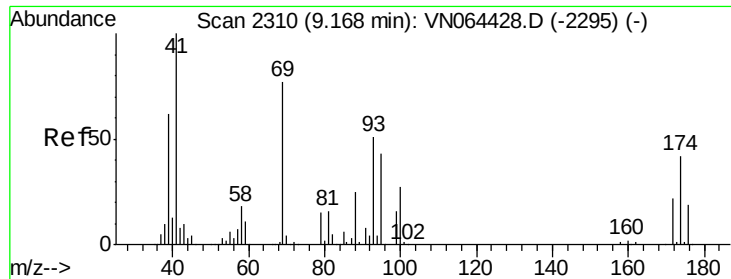
Delta R.T. 0.00 min

Lab File: VN064545.D

Acq: 11 Nov 2020 10:23

Tgt Ion:	41	Resp:	248661
Ion Ratio	Lower	Upper	
41	100		
69	75.6	60.4	90.6
39	63.2	51.2	76.8





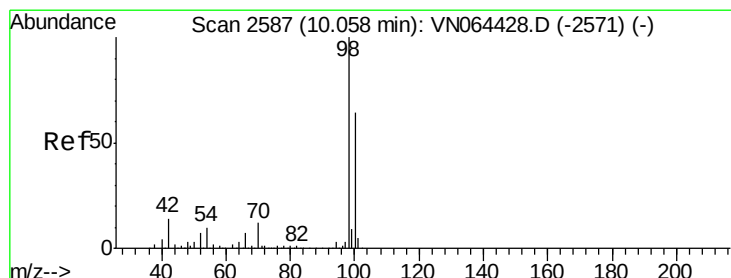
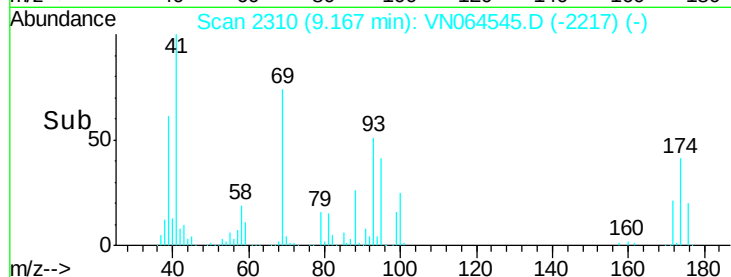
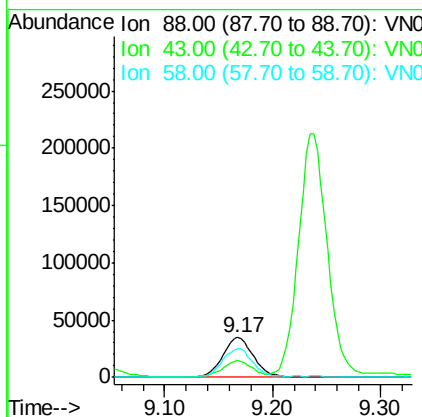
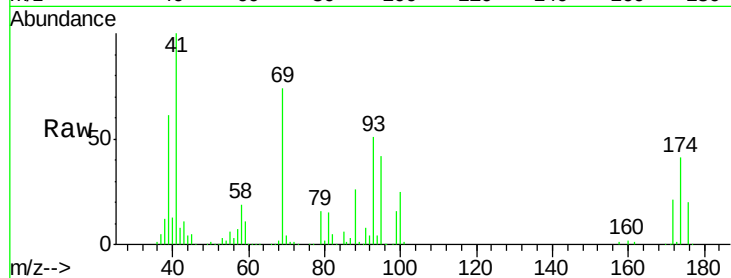
#49
1,4-Dioxane
Concen: 1093.658 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	69456
Ion Ratio	Lower	Upper	
88	100		
43	36.7	31.0	46.6
58	71.3	58.4	87.6

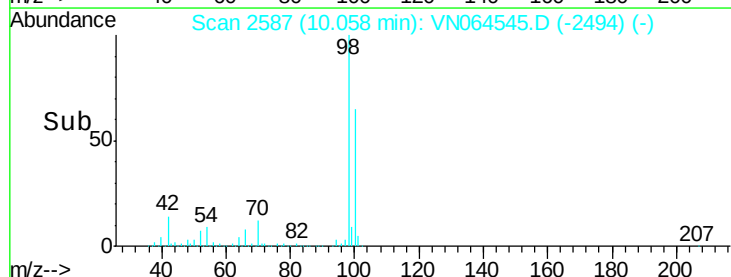
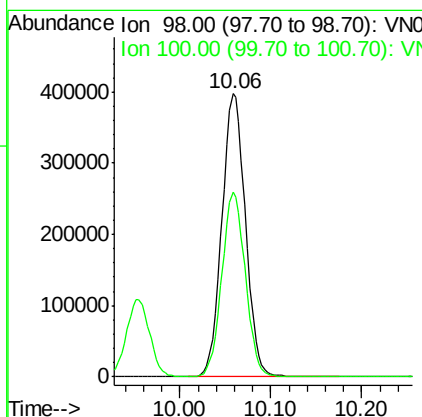
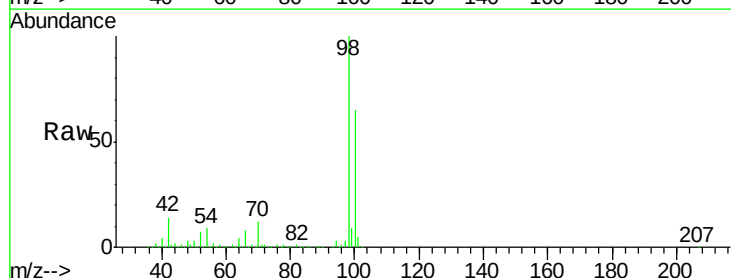
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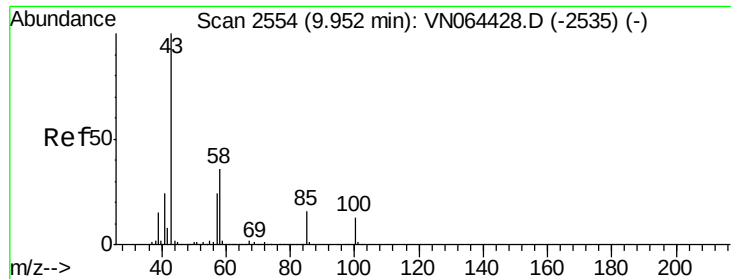
MMDadoda
11/12/2020 9:12:14 AM



#50
Toluene-d8
Concen: 48.708 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Tgt Ion	98	Resp	715396
Ion Ratio	Lower	Upper	
98	100		
100	64.6	50.7	76.1





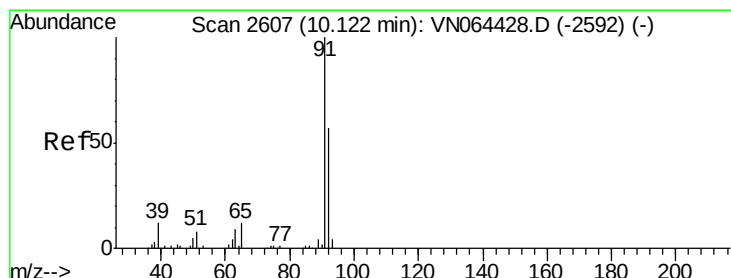
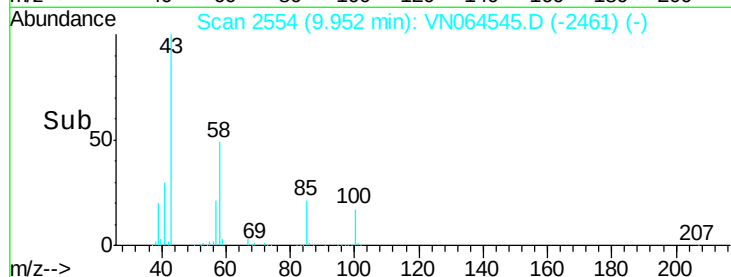
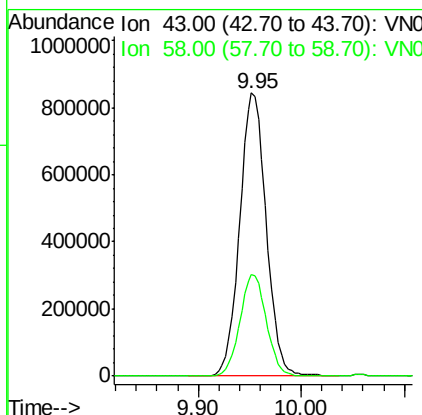
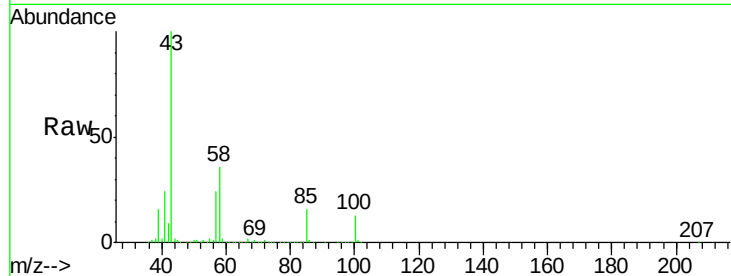
#51
 4-Methyl-2-Pentanone
 Concen: 270.438 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN064545.D
 Acq: 11 Nov 2020 10:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1506988
 Ion Ratio Lower Upper
 43 100
 58 35.9 28.4 42.6

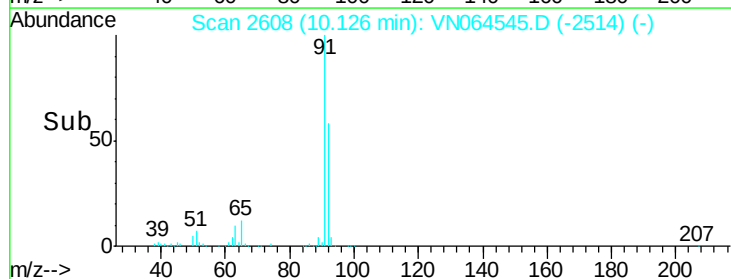
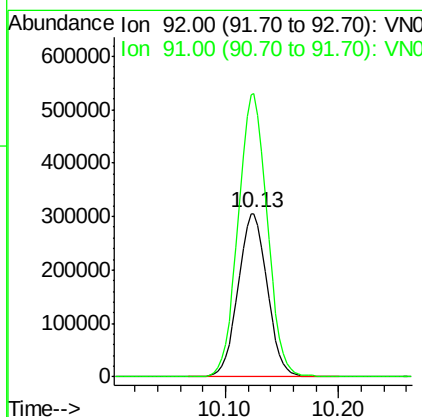
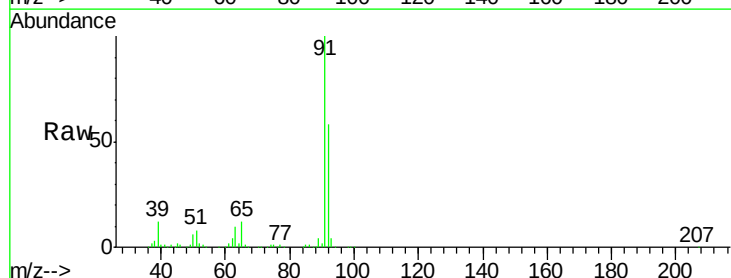
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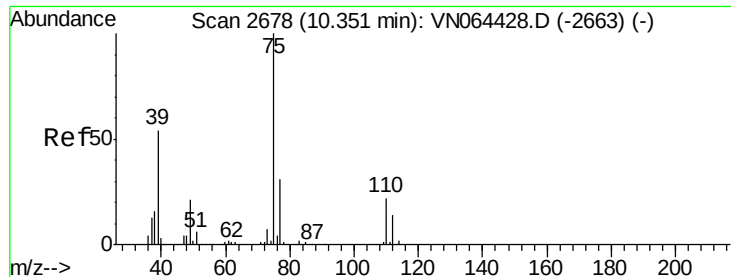
MMDadoda
 11/12/2020 9:12:14 AM



#52
 Toluene
 Concen: 51.911 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN064545.D
 Acq: 11 Nov 2020 10:23

Tgt Ion: 92 Resp: 548570
 Ion Ratio Lower Upper
 92 100
 91 173.1 139.6 209.4





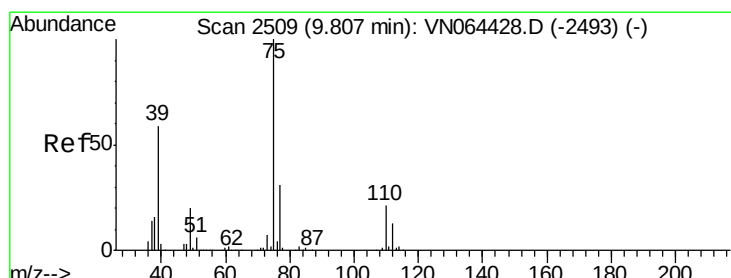
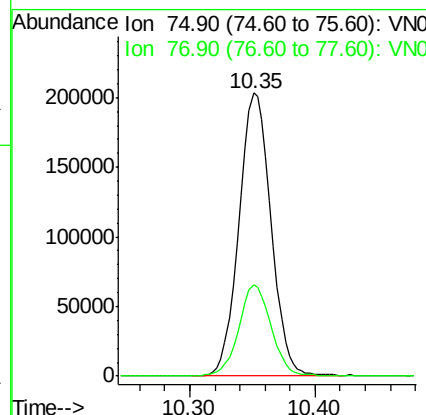
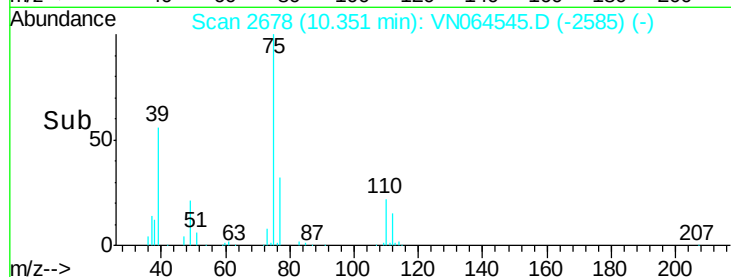
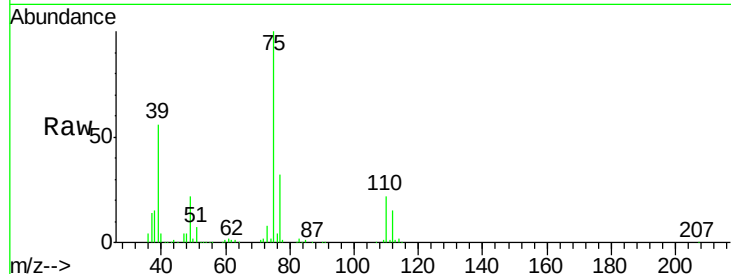
#53
t-1,3-Dichloropropene
Concen: 52.069 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.8	37.2

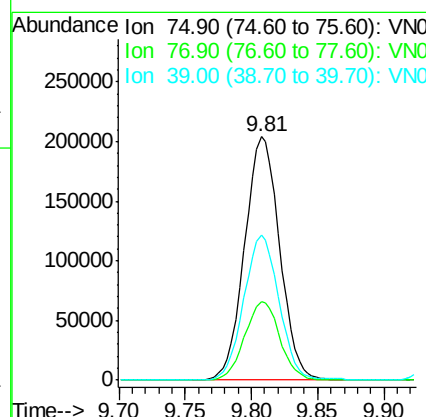
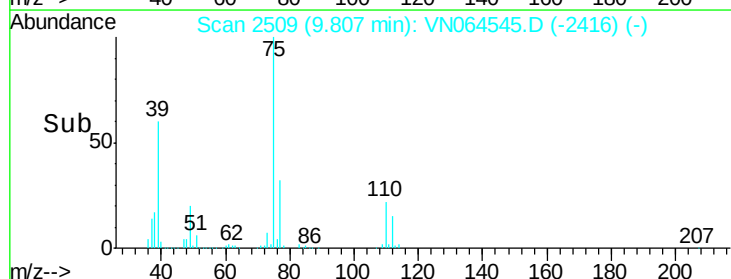
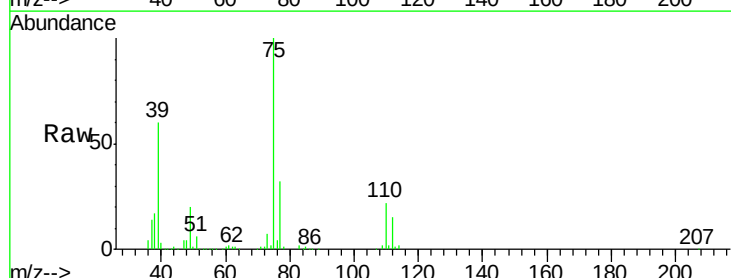
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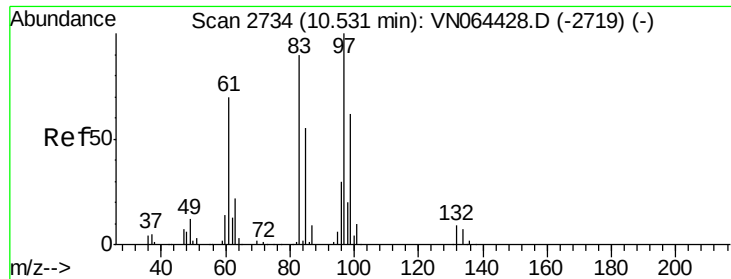
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 50.511 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.9	37.3
39	59.7	47.1	70.7





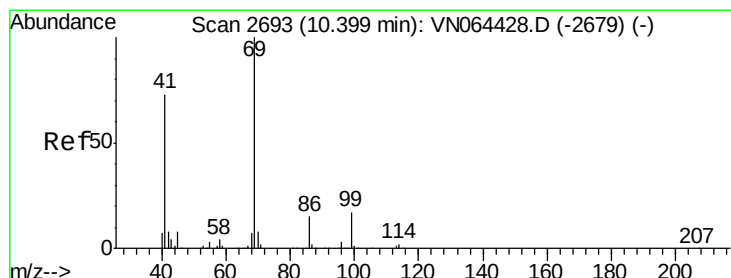
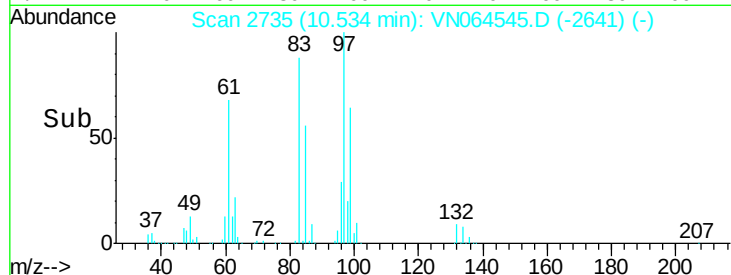
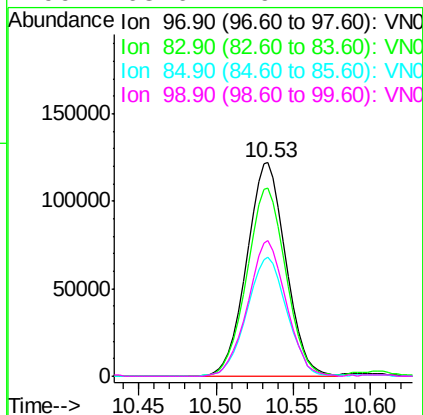
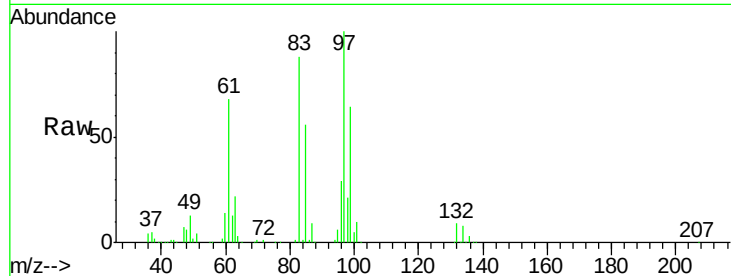
#55
 1,1,2-Trichloroethane
 Concen: 52.148 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064545.D
 Acq: 11 Nov 2020 10:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	214914
Ion	Ratio	Lower	Upper
97	100		
83	87.9	71.7	107.5
85	56.0	44.3	66.5
99	63.6	49.4	74.2

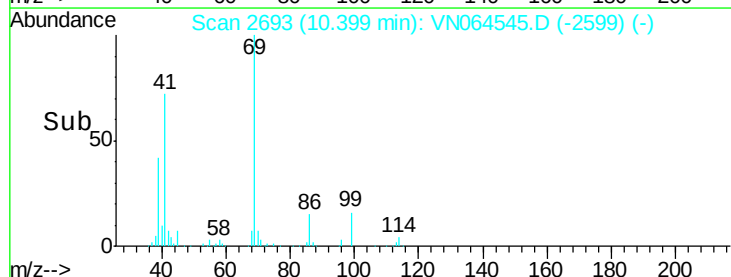
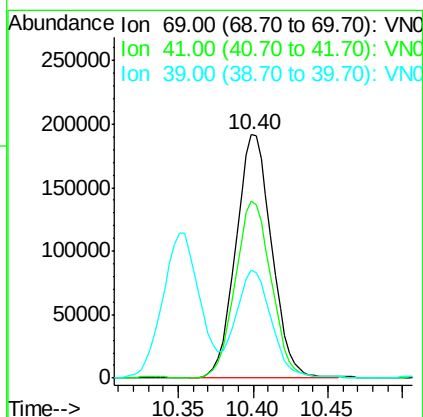
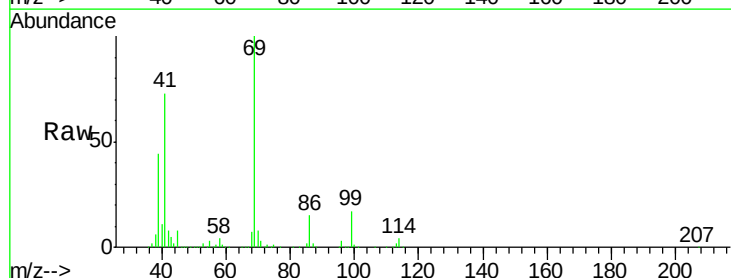
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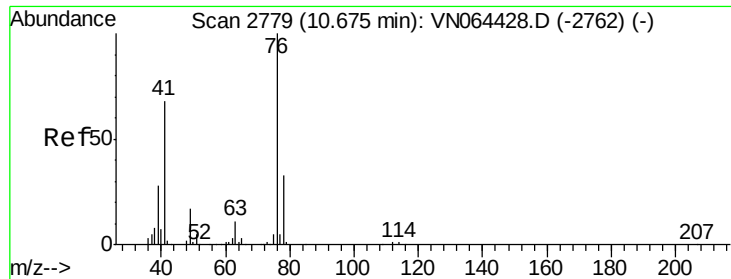
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 11/12/2020 9:12:14 AM



#56
 Ethyl methacrylate
 Concen: 47.295 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064545.D
 Acq: 11 Nov 2020 10:23

Tgt Ion:	69	Resp:	319990
Ion	Ratio	Lower	Upper
69	100		
41	72.8	59.3	88.9
39	43.3	35.4	53.0





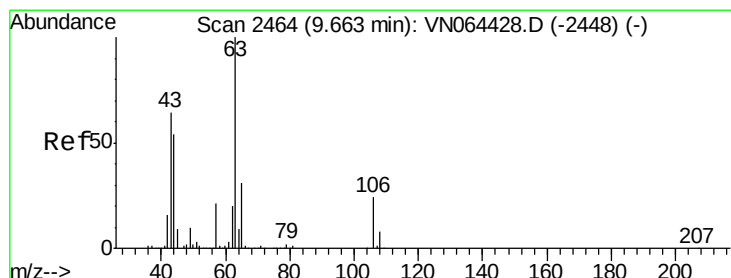
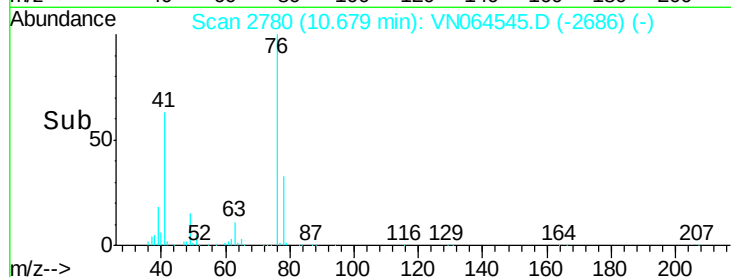
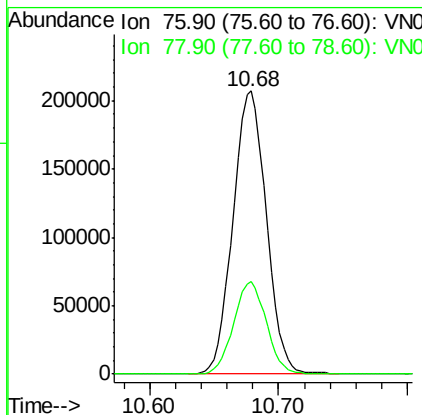
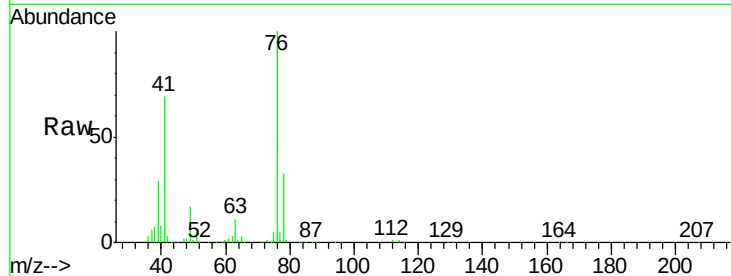
#57
 1,3-Dichloropropane
 Concen: 51.841 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064545.D
 Acq: 11 Nov 2020 10:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 372920
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6

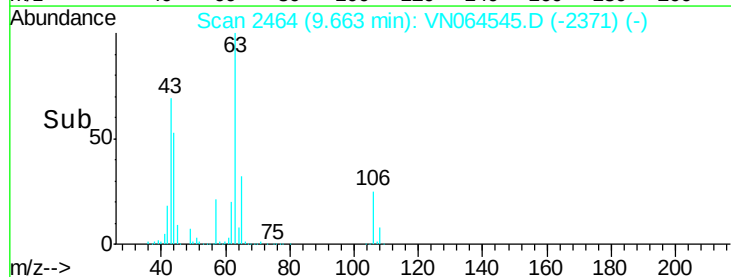
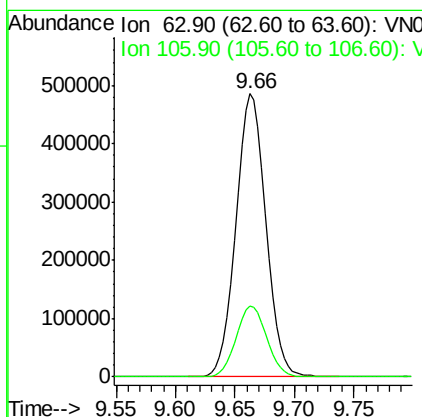
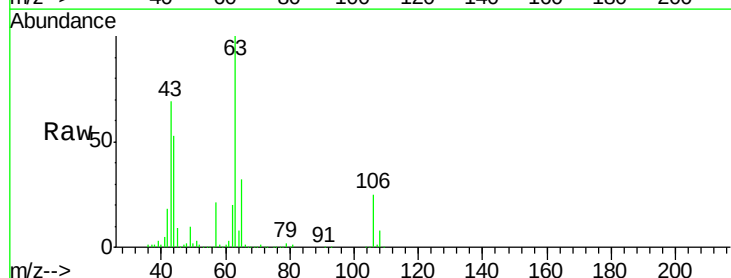
Manual Integrations
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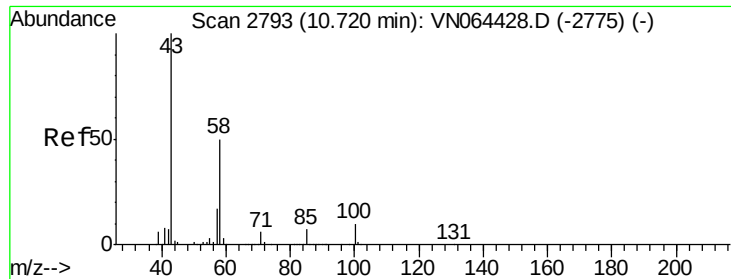
MMDadoda
 11/12/2020 9:12:14 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 263.025 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064545.D
 Acq: 11 Nov 2020 10:23

Tgt Ion: 63 Resp: 846668
 Ion Ratio Lower Upper
 63 100
 106 25.7 19.5 29.3





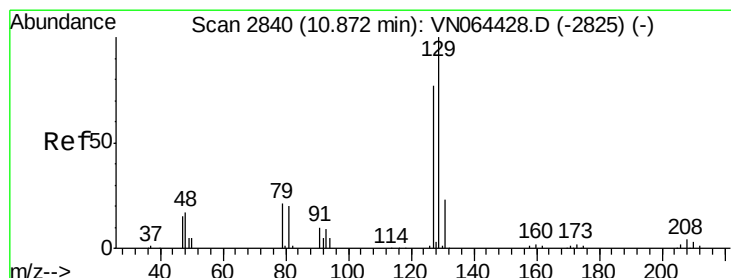
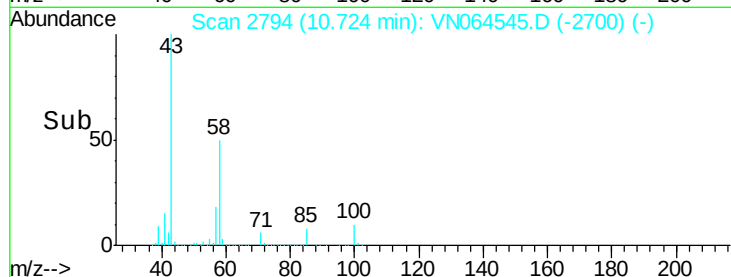
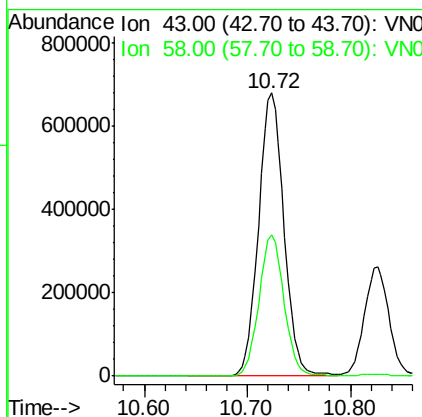
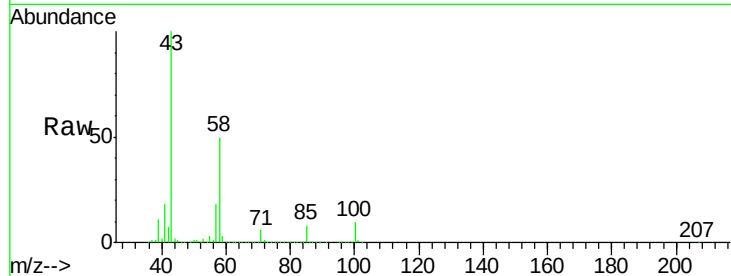
#59
2-Hexanone
Concen: 253.802 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1153548
Ion Ratio Lower Upper
43 100
58 49.4 24.7 74.1

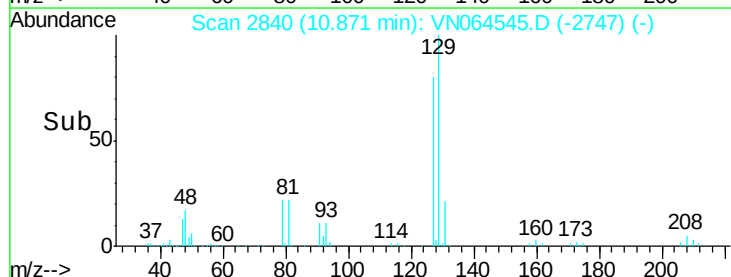
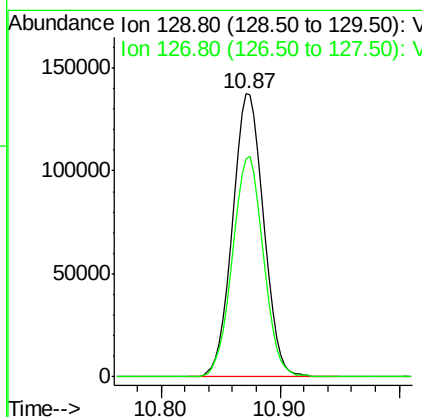
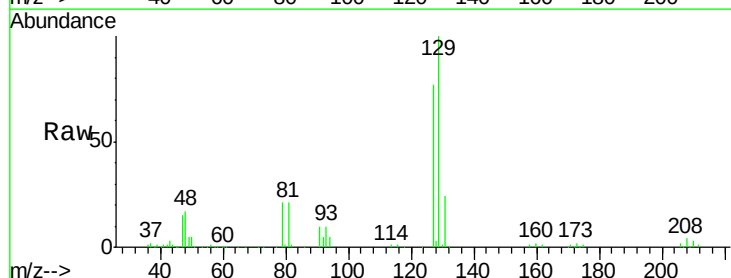
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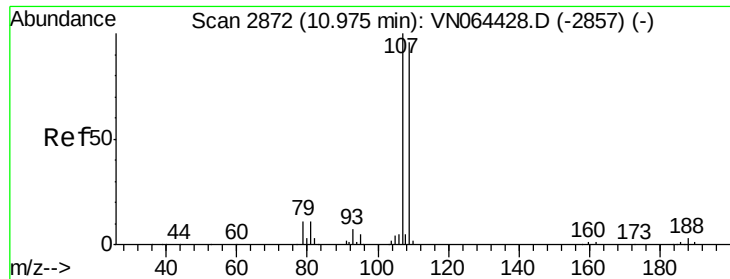
MMDadoda
11/12/2020 9:12:14 AM



#60
Dibromochloromethane
Concen: 54.062 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Tgt Ion:129 Resp: 249452
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.7





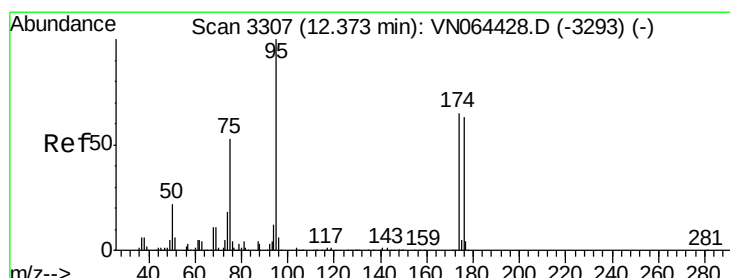
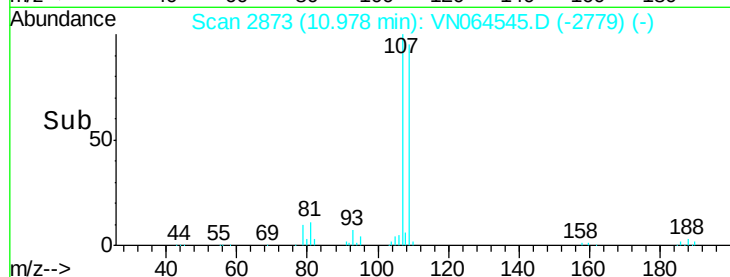
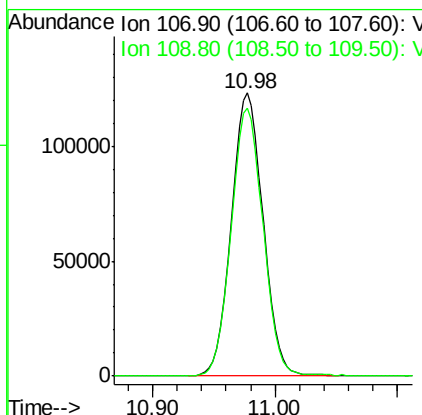
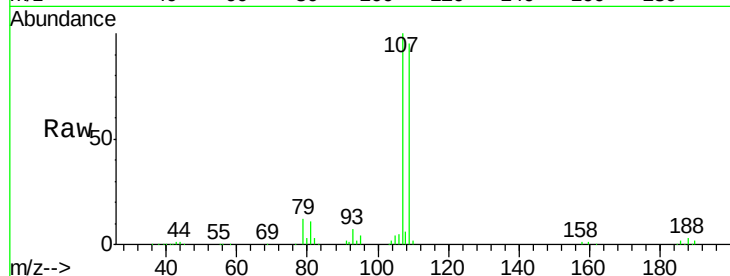
#61
 1,2-Dibromoethane
 Concen: 53.210 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064545.D
 Acq: 11 Nov 2020 10:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.5	75.9	113.9

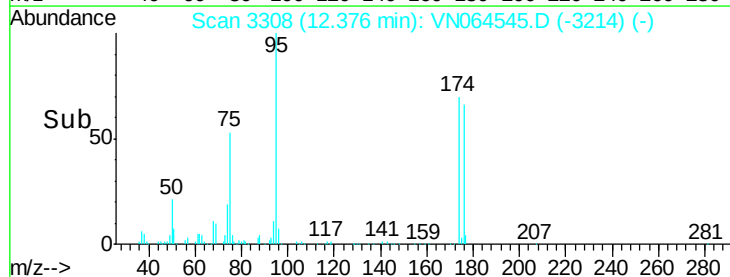
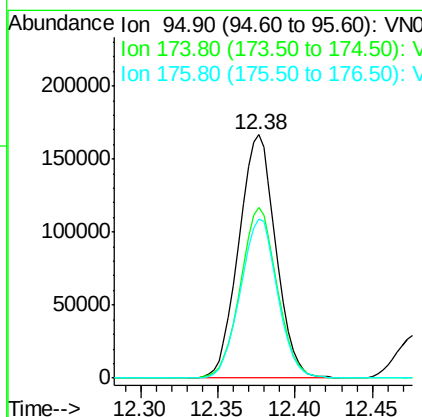
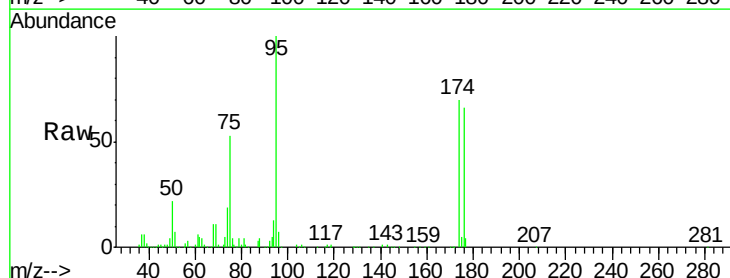
Manual Integrations
 APPROVED

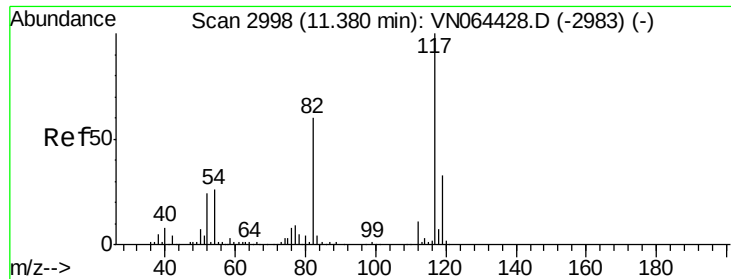
MMDadoda
 11/12/2020 9:12:14 AM



#62
 4-Bromofluorobenzene
 Concen: 50.029 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064545.D
 Acq: 11 Nov 2020 10:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	69.6	0.0	132.6
176	65.6	0.0	129.2





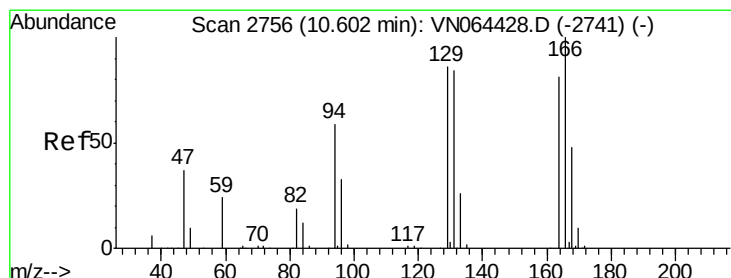
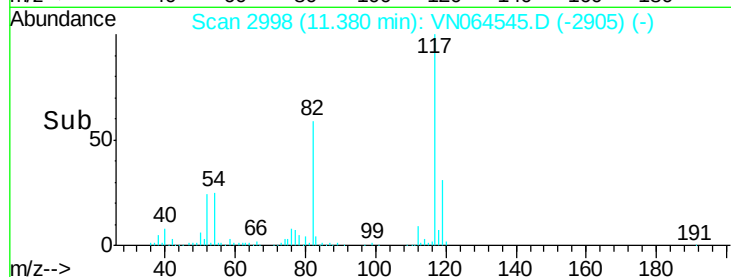
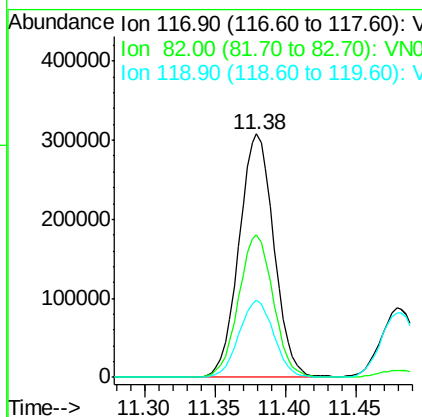
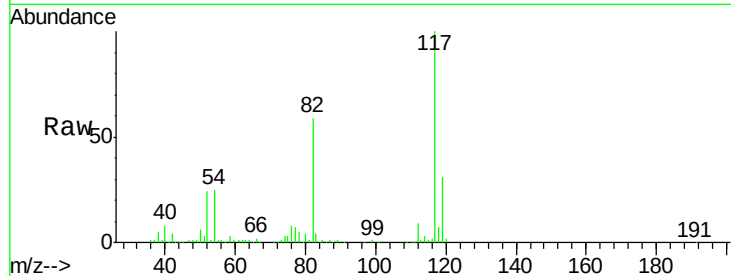
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	534135		
82	58.7		48.1	72.1
119	31.5		26.2	39.4

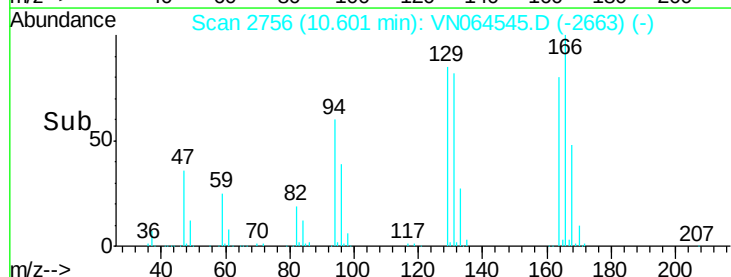
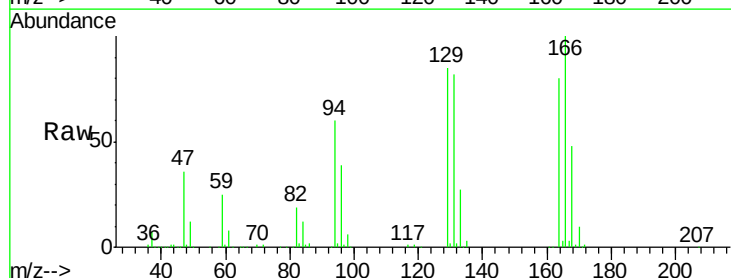
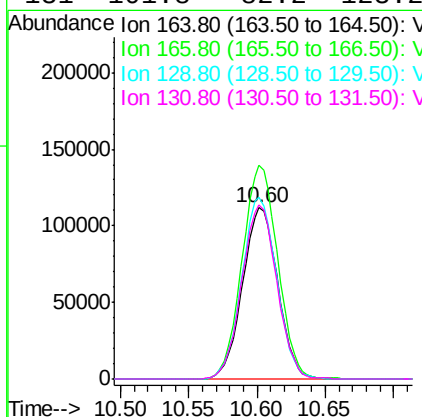
Manual Integrations
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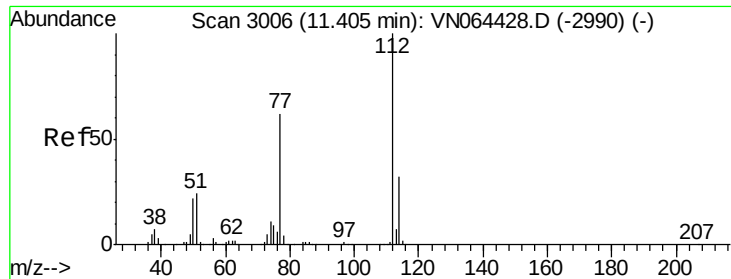
MMDadoda
11/12/2020 9:12:14 AM



#64
Tetrachloroethene
Concen: 48.656 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	200192		
166	124.7		98.2	147.2
129	106.4		84.6	127.0
131	101.8		82.2	123.2





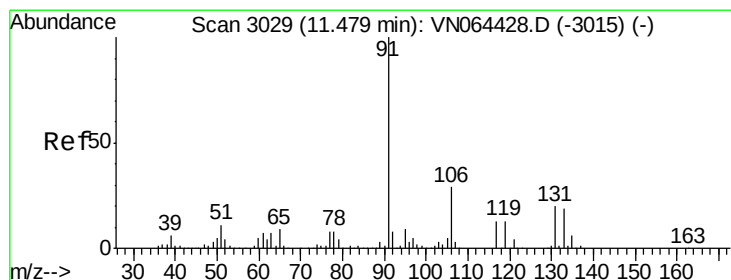
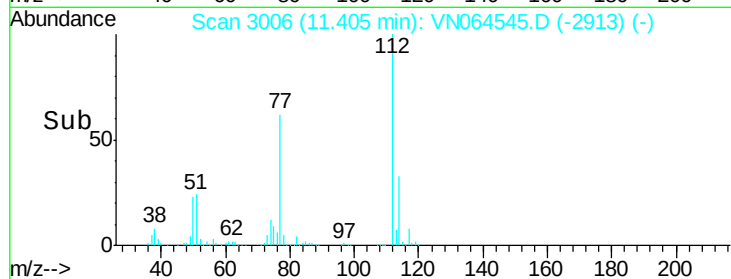
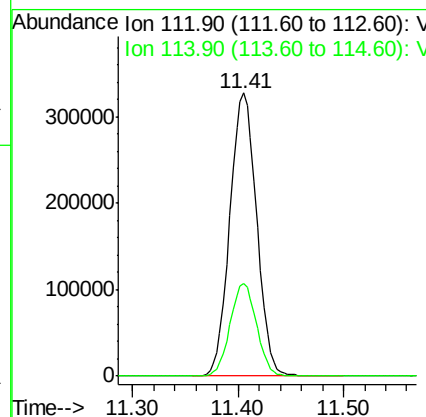
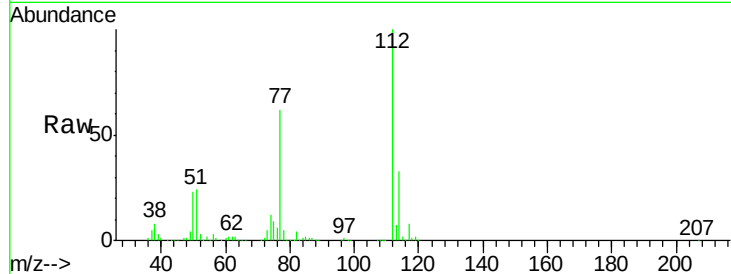
#65
Chlorobenzene
Concen: 49.143 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.6	38.4

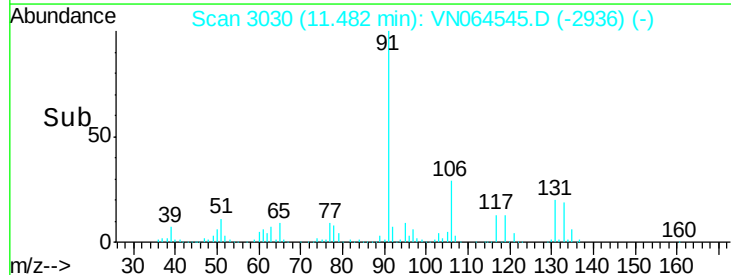
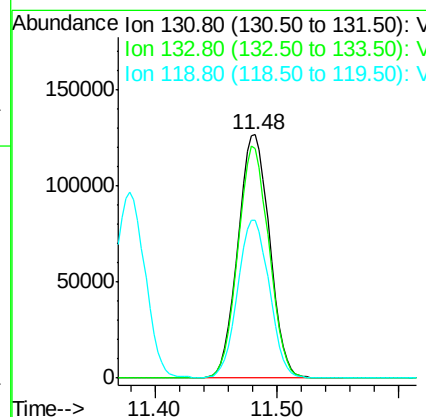
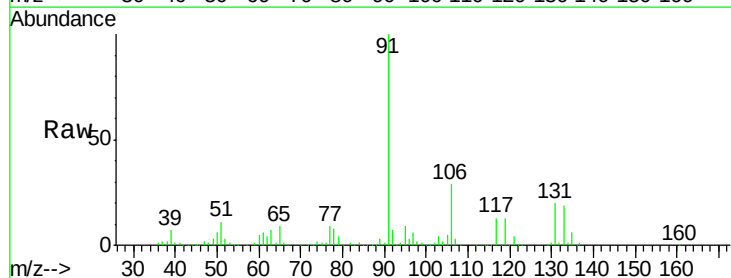
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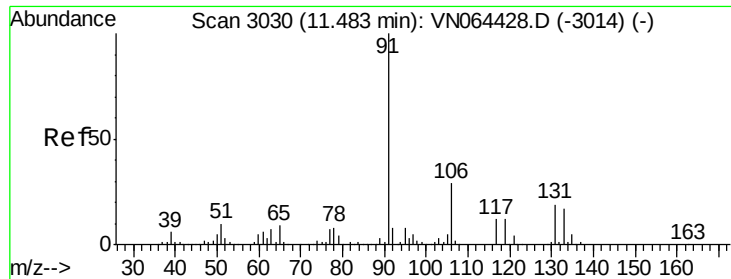
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11/12/2020 9:12:14 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.230 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.6	46.9	140.7
119	64.8	32.1	96.5





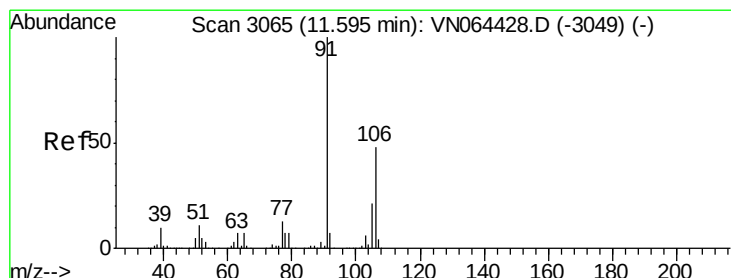
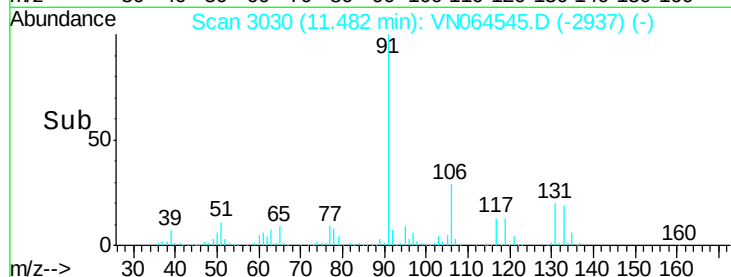
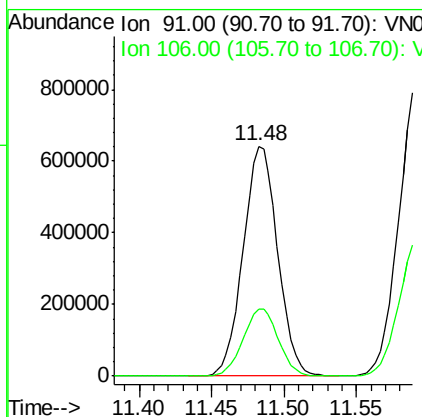
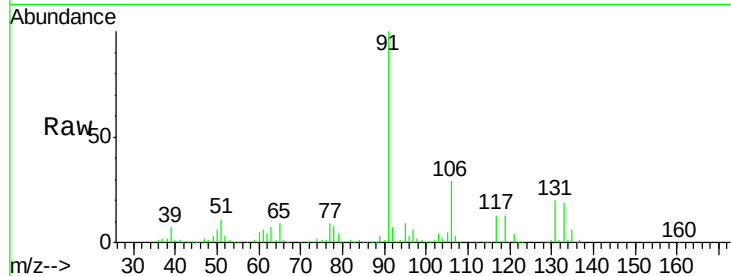
#67
Ethyl Benzene
Concen: 51.139 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1065112
Ion Ratio Lower Upper
91 100
106 29.4 23.6 35.4

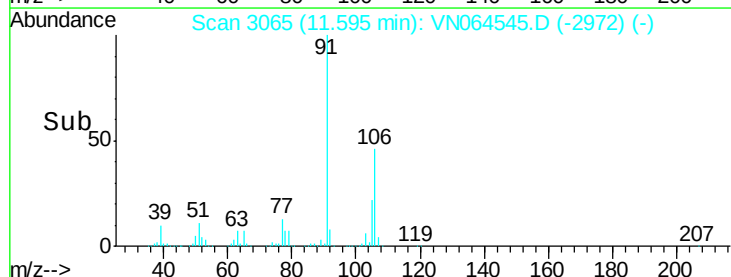
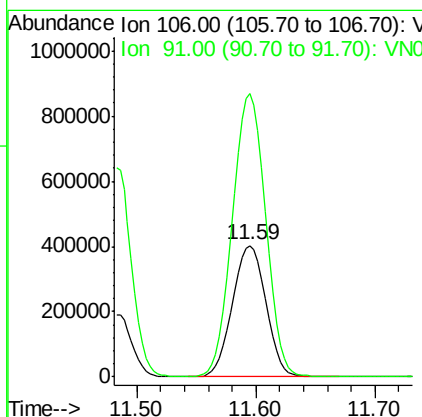
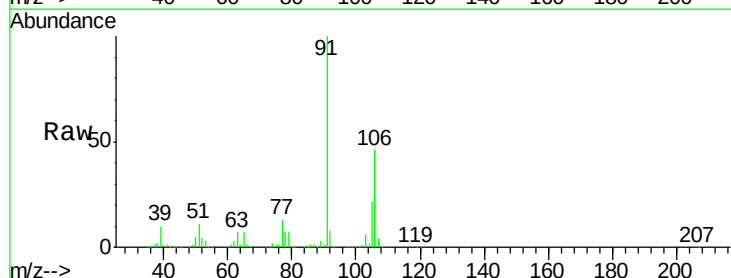
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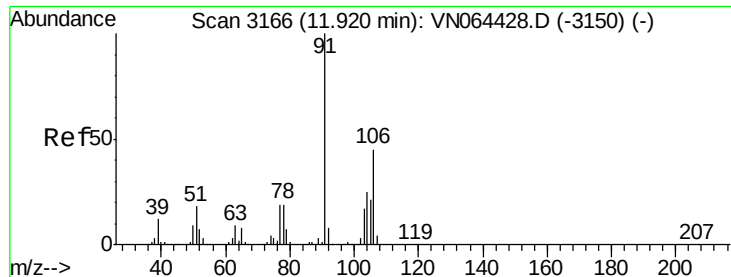
MMDadoda
11/12/2020 9:12:14 AM



#68
m/p-Xylenes
Concen: 103.848 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Tgt Ion: 106 Resp: 784413
Ion Ratio Lower Upper
106 100
91 214.7 169.4 254.2





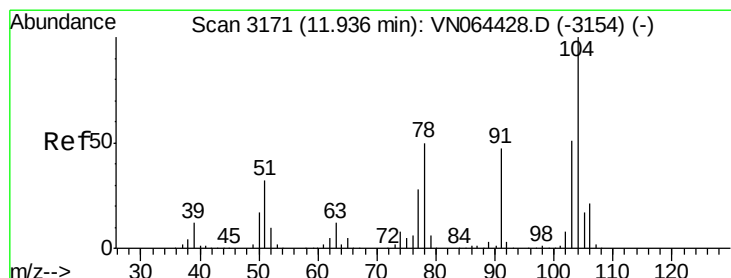
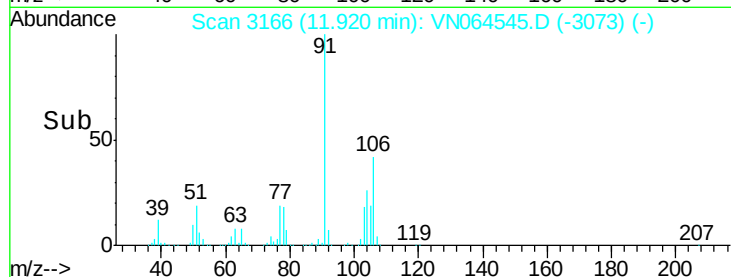
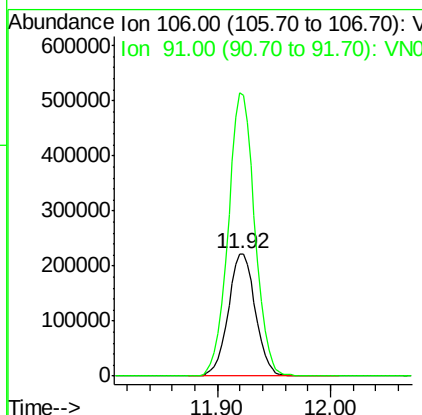
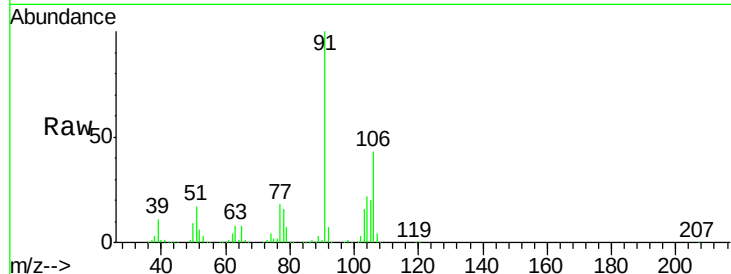
#69
o-Xylene
Concen: 50.592 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 369277
Ion Ratio Lower Upper
106 100
91 227.2 111.7 334.9

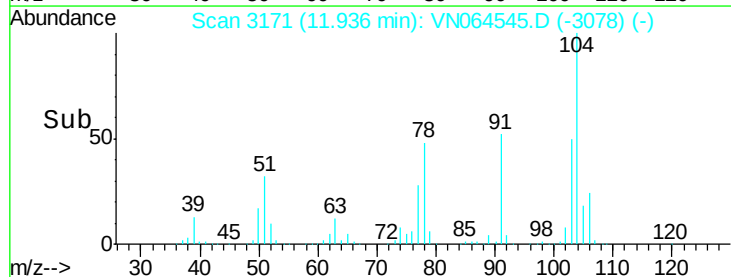
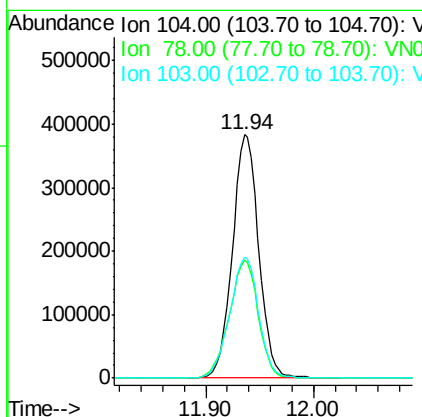
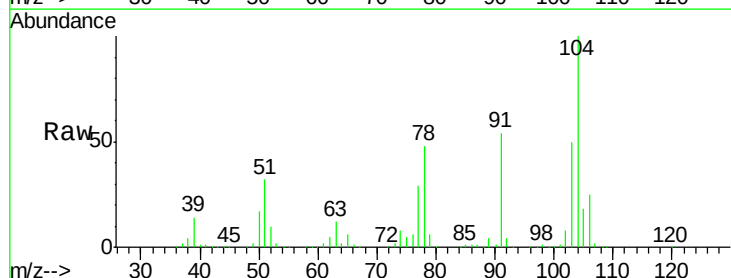
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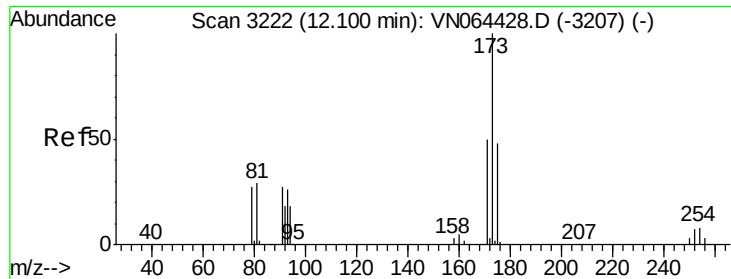
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#70
Styrene
Concen: 53.162 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Tgt Ion:104 Resp: 652955
Ion Ratio Lower Upper
104 100
78 53.3 44.0 66.0
103 54.4 43.8 65.6





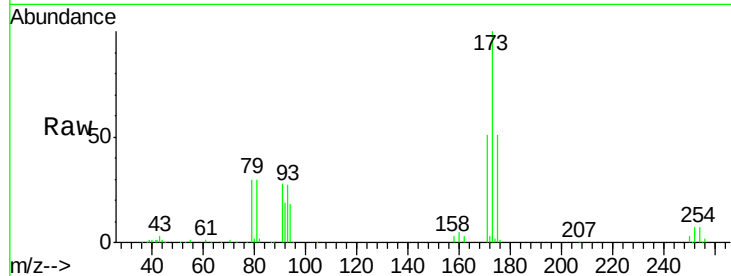
#71
Bromoform
Concen: 50.020 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	23.7	71.1
254	0.1	0.0	0.0

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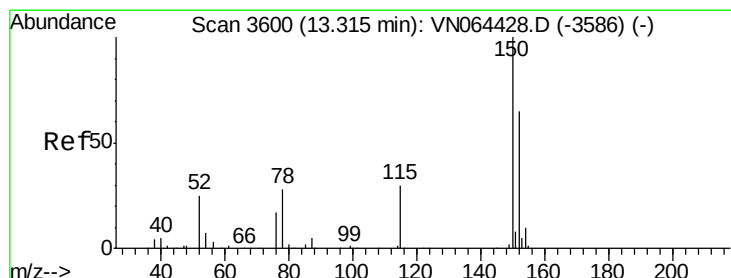
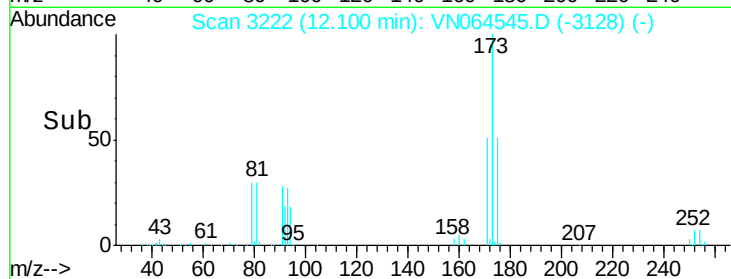
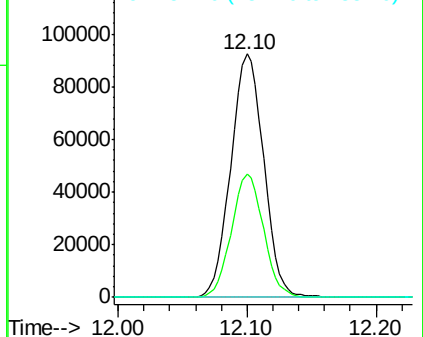


Abundance

Ion 172.70 (172.40 to 173.40): V

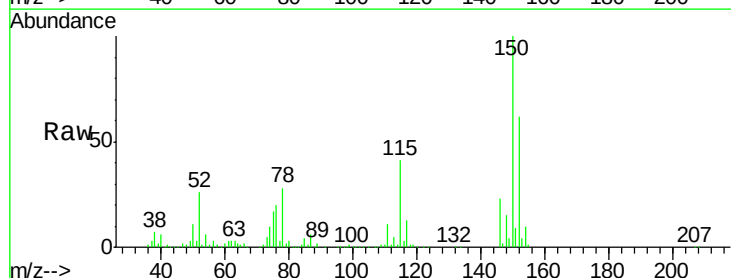
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.7	32.0	96.0
150	175.3	0.0	353.8

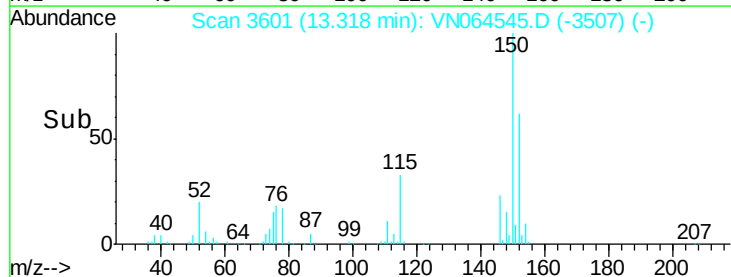
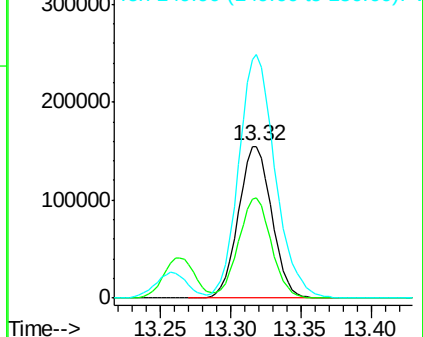


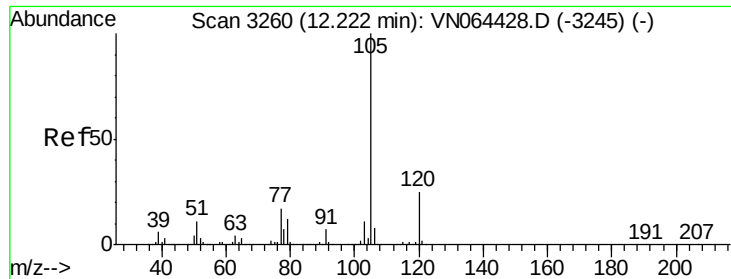
Abundance

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





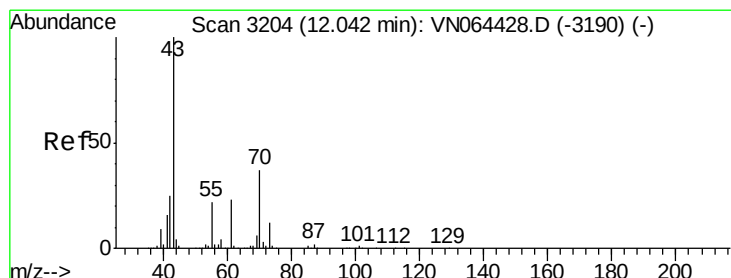
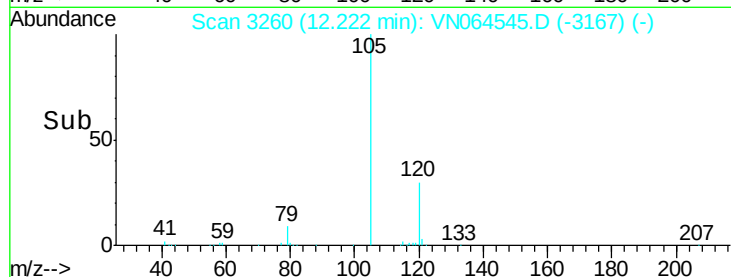
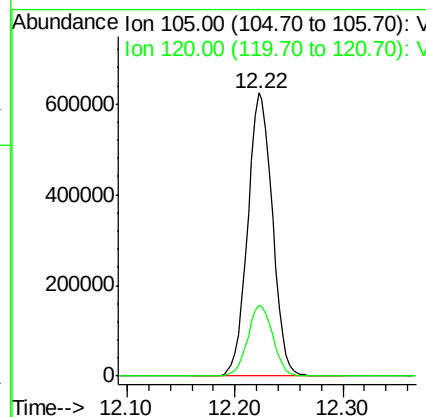
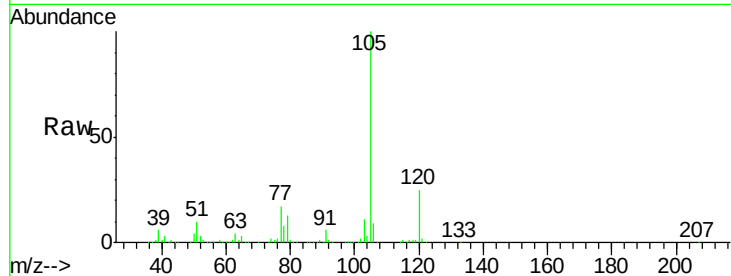
#73
Isopropylbenzene
Concen: 48.833 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.4	12.8	38.3

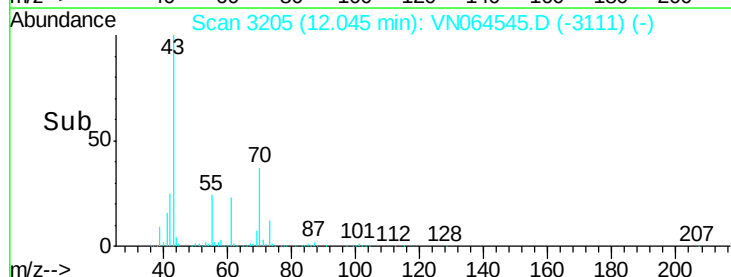
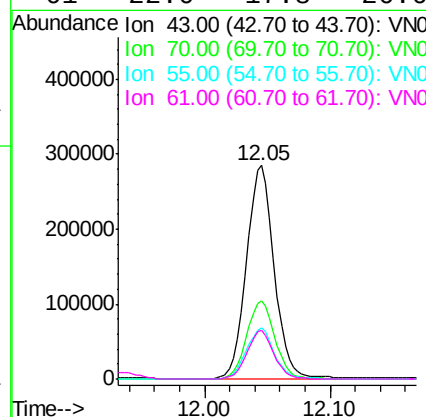
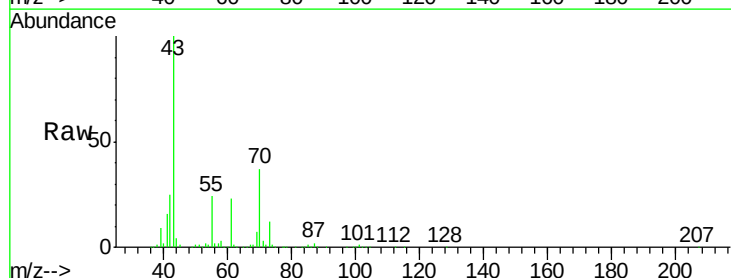
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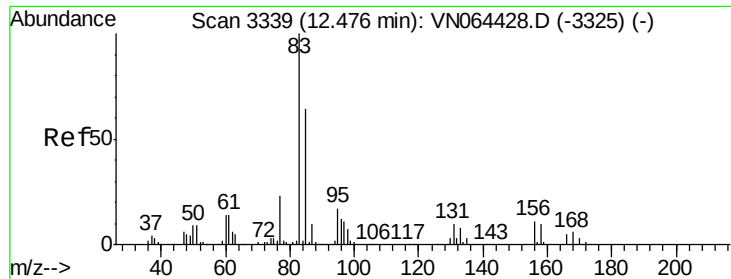
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11/12/2020 9:12:14 AM



#74
N-ethyl acetate
Concen: 44.342 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Tgt Ion	Ratio	Lower	Upper
43	100		
70	37.5	29.6	44.4
55	24.6	18.4	27.6
61	22.0	17.8	26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.024 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064545.D

Acq: 11 Nov 2020 10:23

Instrument :

MSVOA_N

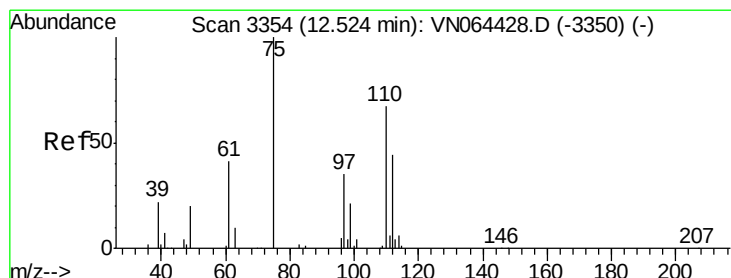
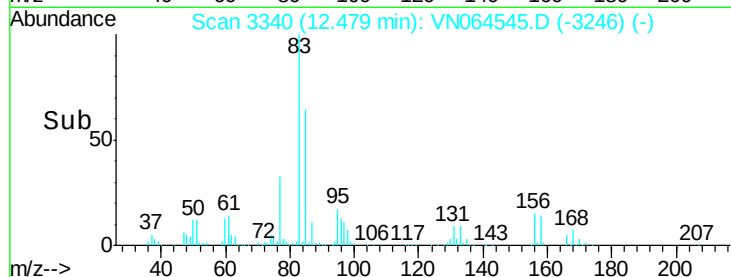
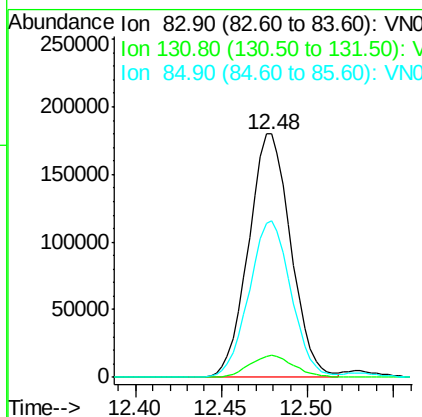
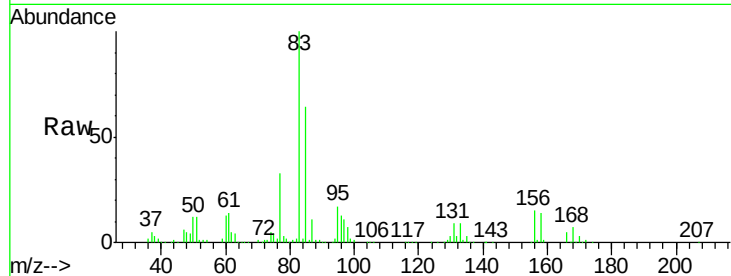
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	306643
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.9	14.7
85	64.0	32.1	96.5

Manual Integrations
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11/12/2020 9:12:14 AM



#76

1,2,3-Trichloropropane

Concen: 49.503 ug/l m

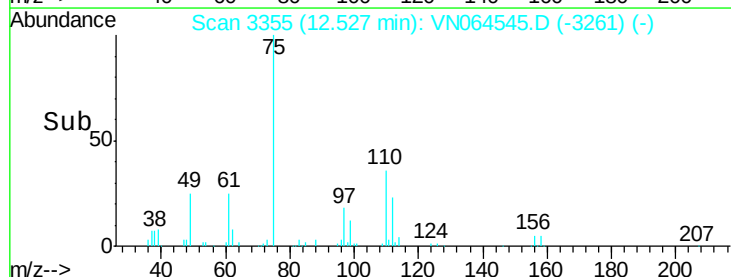
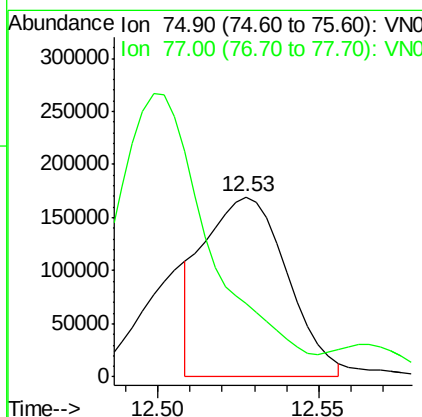
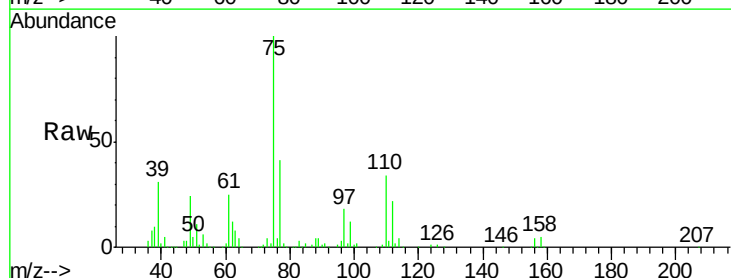
RT: 12.53 min Scan# 3355

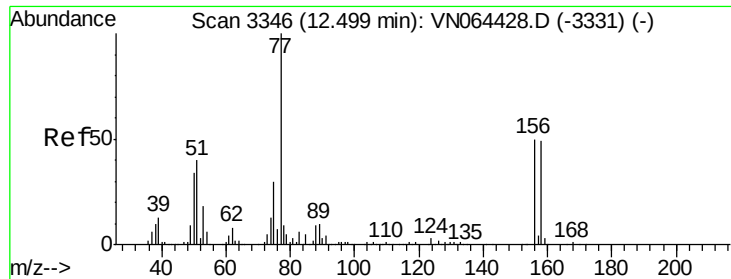
Delta R.T. 0.00 min

Lab File: VN064545.D

Acq: 11 Nov 2020 10:23

Tgt Ion:	75	Resp:	307301
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.425 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064545.D

Acq: 11 Nov 2020 10:23

Instrument :

MSVOA_N

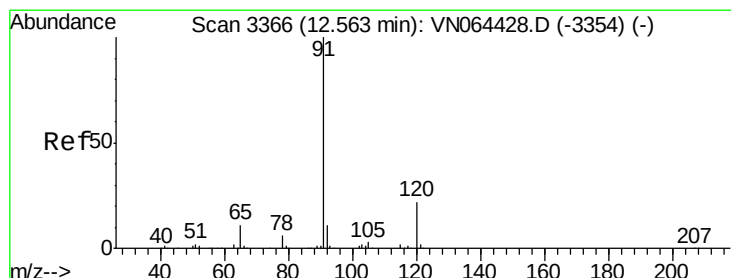
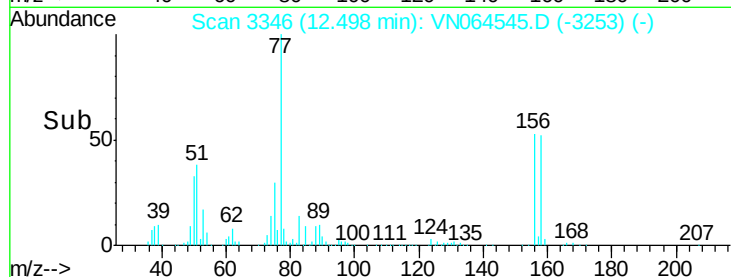
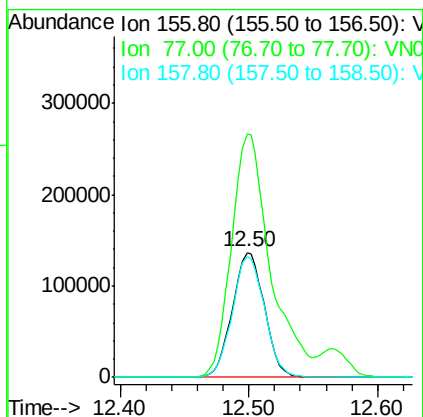
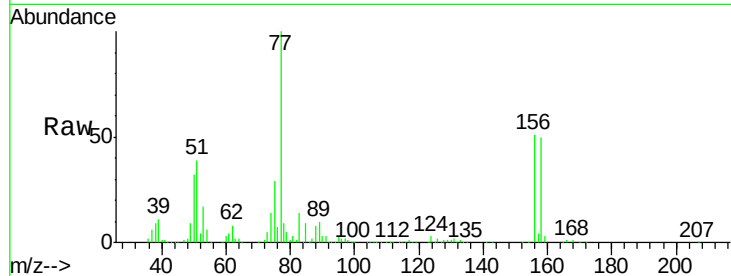
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	236.7	119.0	357.0
158	97.6	48.4	145.3

Manual Integrations
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#78

n-propylbenzene

Concen: 50.265 ug/l

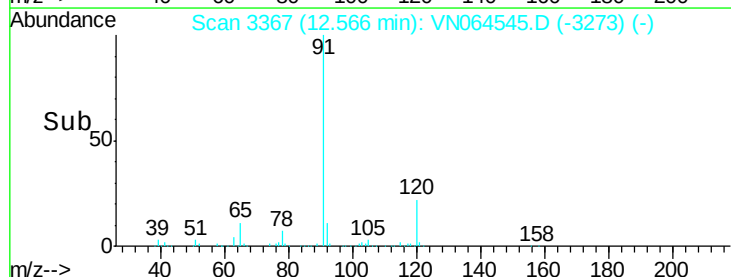
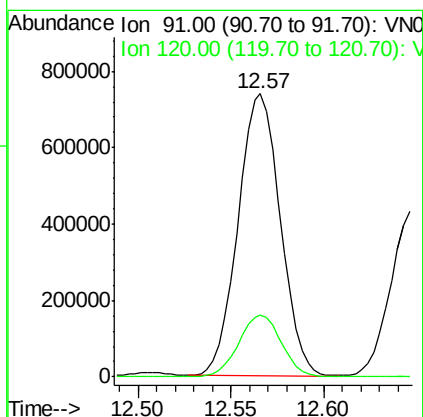
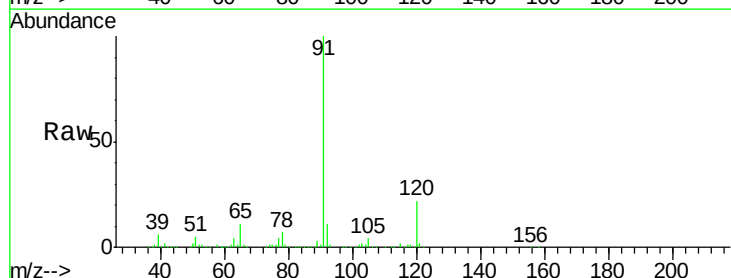
RT: 12.57 min Scan# 3367

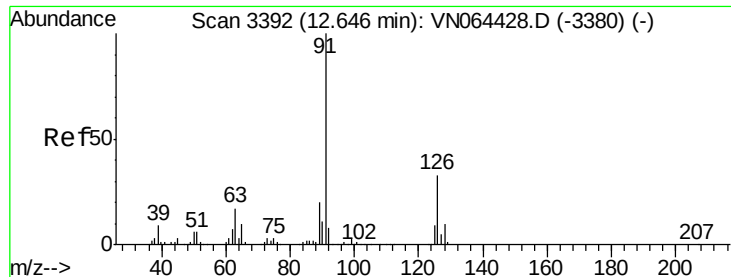
Delta R.T. 0.00 min

Lab File: VN064545.D

Acq: 11 Nov 2020 10:23

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.0	33.0





#79

2-Chlorotoluene

Concen: 49.018 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064545.D

Acq: 11 Nov 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 721803

Ion Ratio Lower Upper

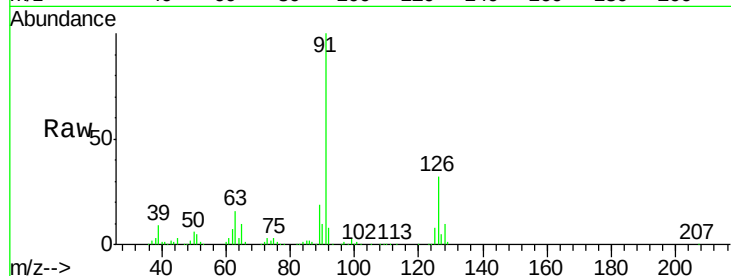
91 100

126 32.0 16.4 49.1

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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) (-)

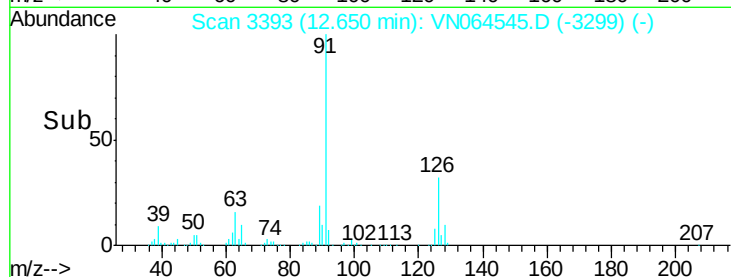
600000

400000

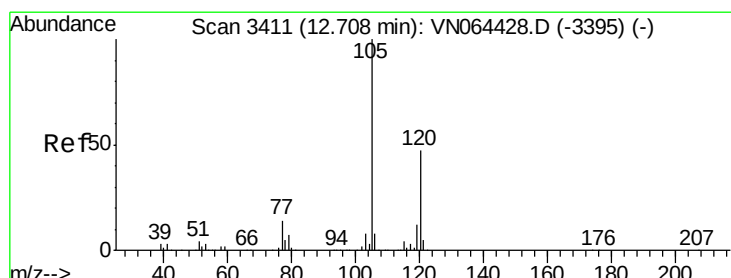
200000

0

12.60 12.65 12.70



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.241 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064545.D

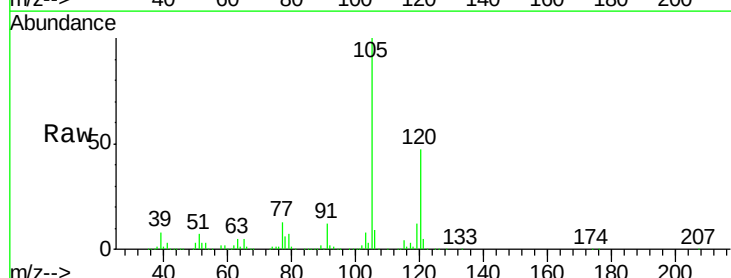
Acq: 11 Nov 2020 10:23

Tgt Ion: 105 Resp: 844042

Ion Ratio Lower Upper

105 100

120 46.3 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) (-)

600000

500000

400000

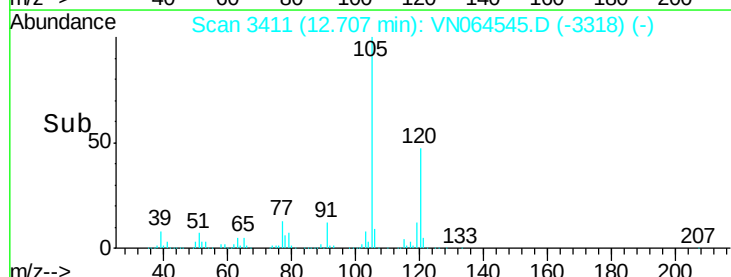
300000

200000

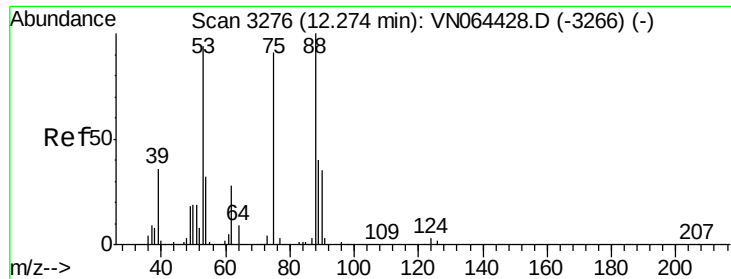
100000

0

12.60 12.70 12.80



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 48.345 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064545.D

Acq: 11 Nov 2020 10:23

Instrument :

MSVOA_N

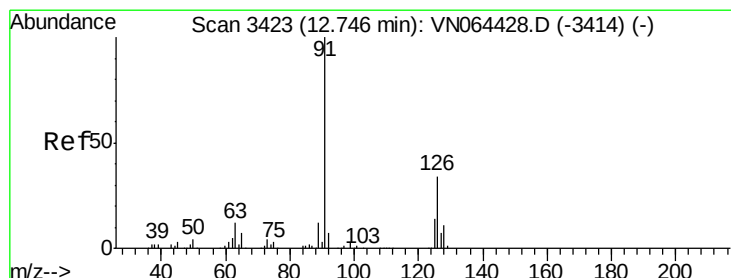
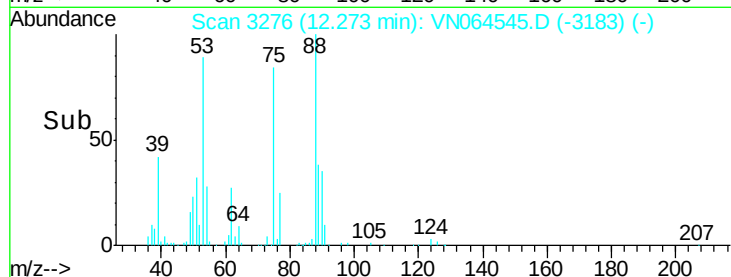
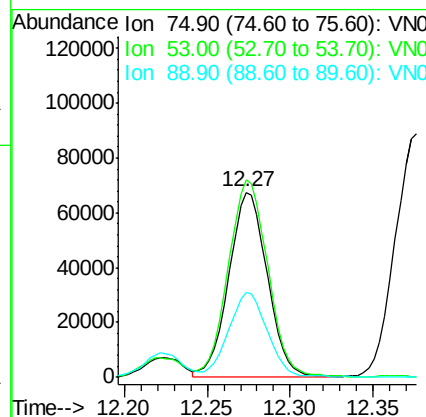
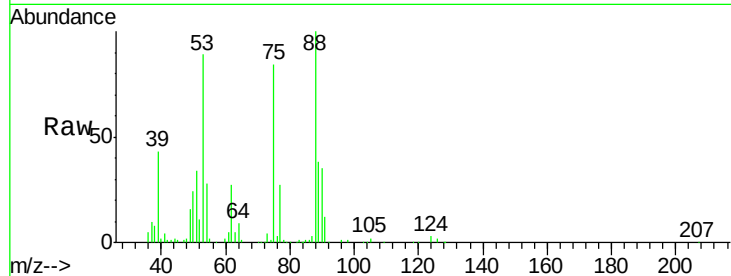
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	107486
Ion Ratio	Lower	Upper	
75	100		
53	110.7	84.0	126.0
89	46.1	36.3	54.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.812 ug/l

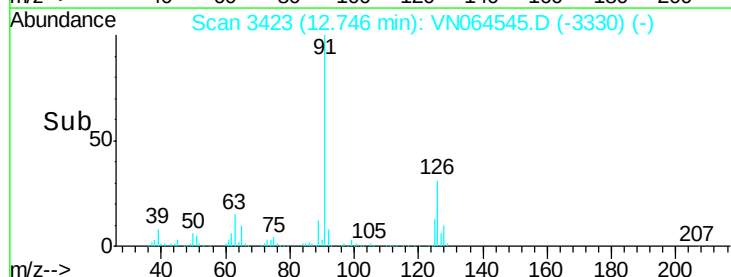
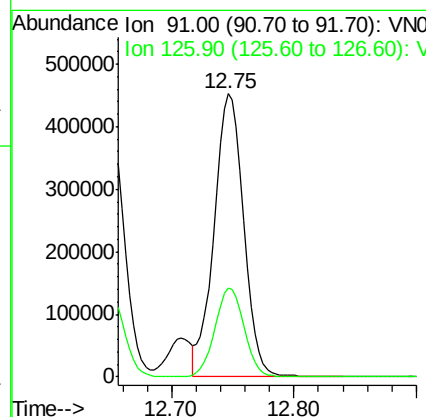
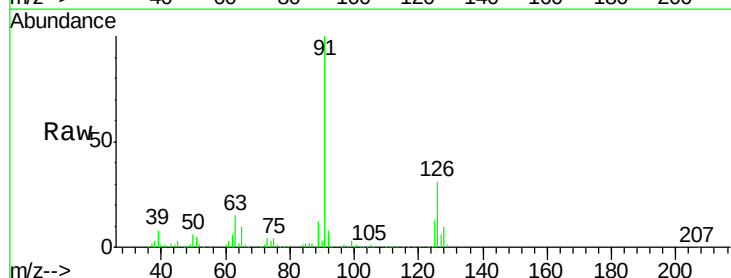
RT: 12.75 min Scan# 3423

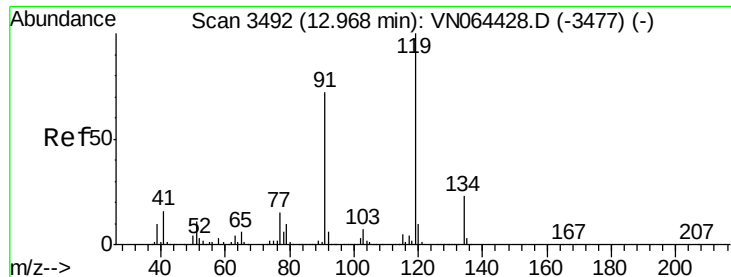
Delta R.T. -0.00 min

Lab File: VN064545.D

Acq: 11 Nov 2020 10:23

Tgt Ion:	91	Resp:	768157
Ion Ratio	Lower	Upper	
91	100		
126	30.9	15.4	46.2





#83

tert-Butylbenzene

Concen: 49.955 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN064545.D

Acq: 11 Nov 2020 10:23

Instrument :

MSVOA_N

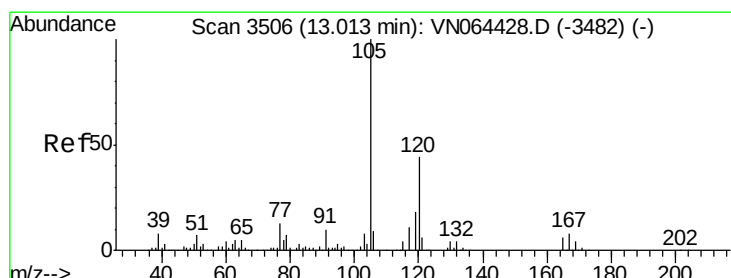
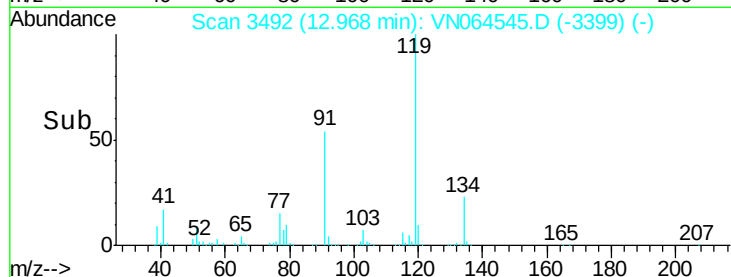
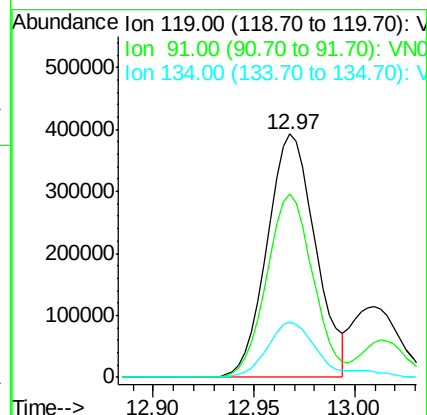
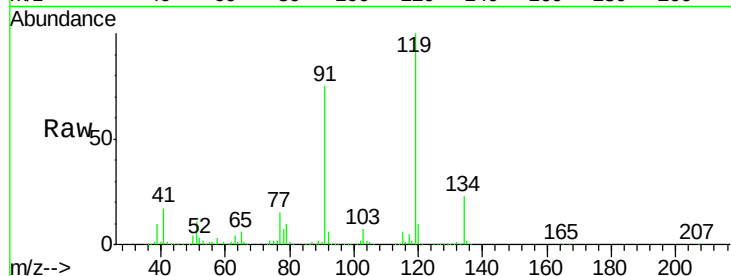
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	655465
Ion Ratio	Lower	Upper	
119	100		
91	72.6	36.1	108.3
134	24.3	11.7	35.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 50.814 ug/l

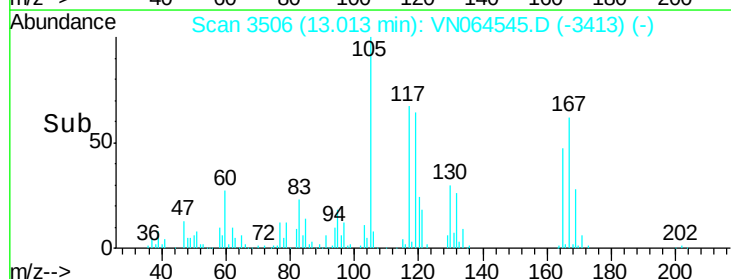
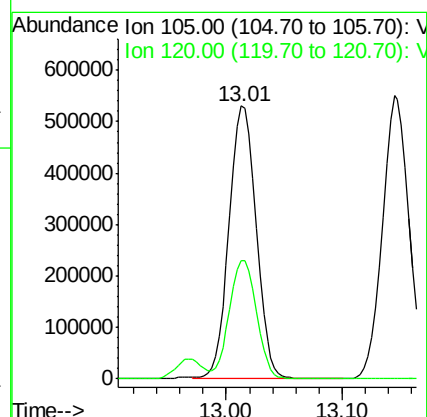
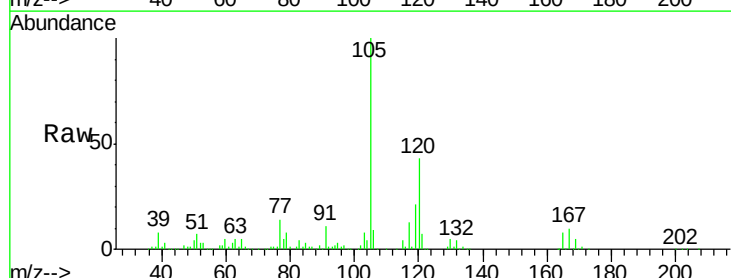
RT: 13.01 min Scan# 3506

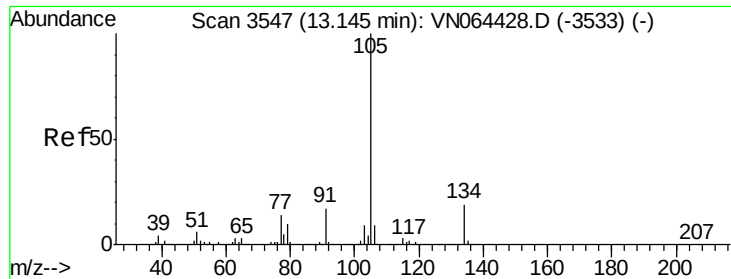
Delta R.T. -0.00 min

Lab File: VN064545.D

Acq: 11 Nov 2020 10:23

Tgt Ion:	105	Resp:	858172
Ion Ratio	Lower	Upper	
105	100		
120	43.4	21.9	65.7





#85

sec-Butylbenzene

Concen: 53.139 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064545.D

Acq: 11 Nov 2020 10:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 883028

Ion Ratio Lower Upper

105 100

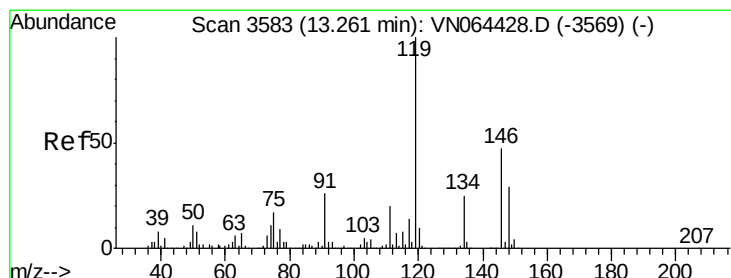
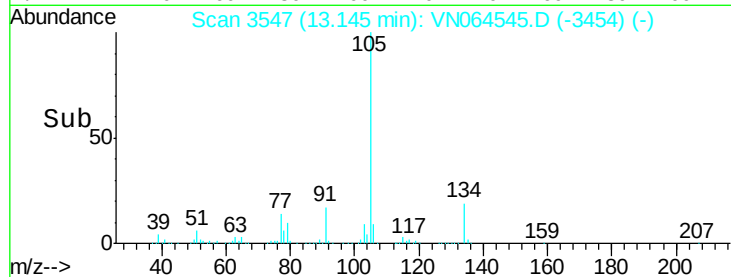
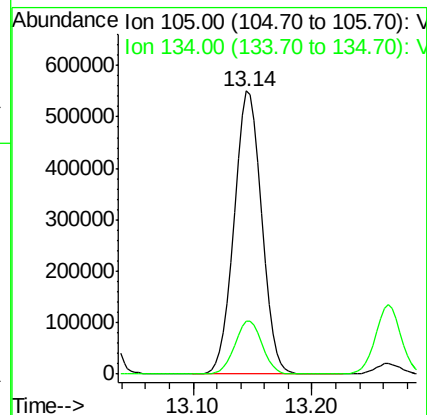
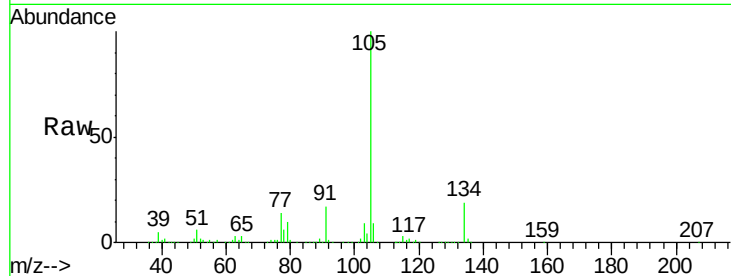
134 18.7 9.4 28.2

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 52.739 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064545.D

Acq: 11 Nov 2020 10:23

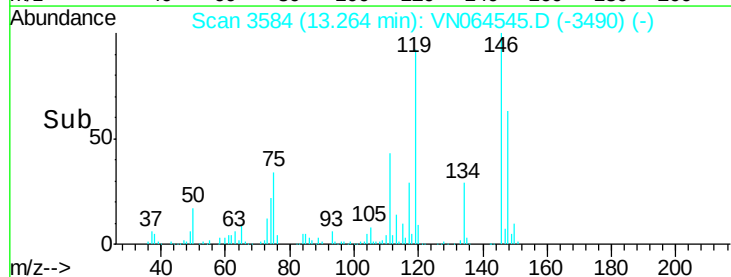
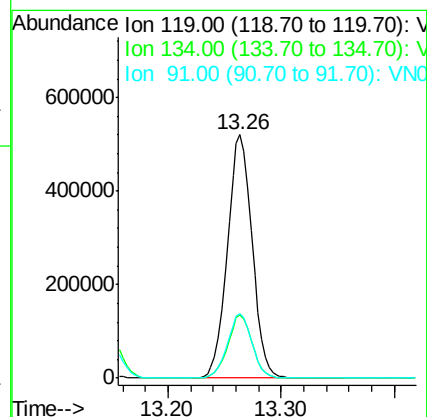
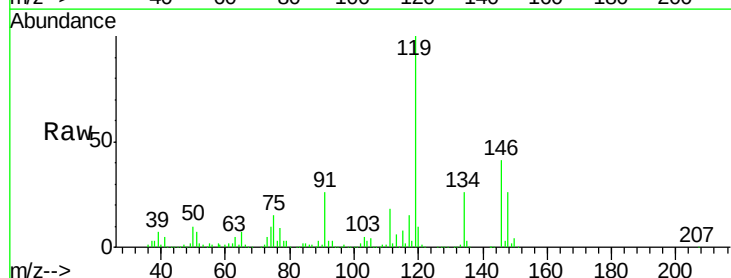
Tgt Ion:119 Resp: 788283

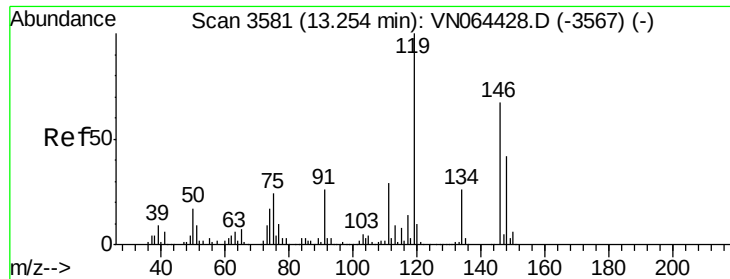
Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.6

91 26.1 12.8 38.3





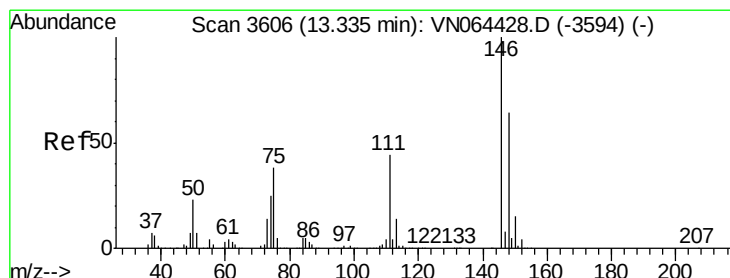
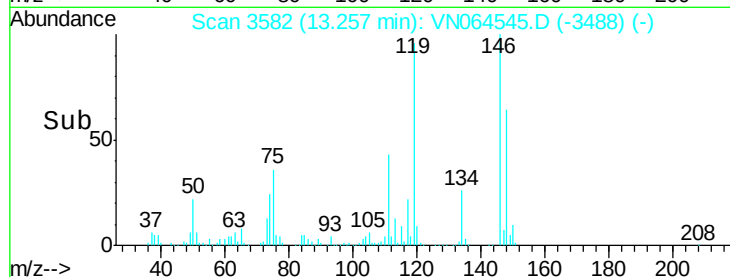
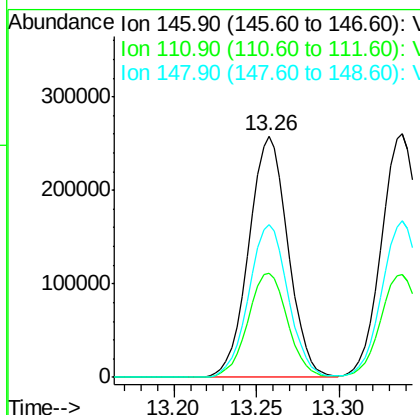
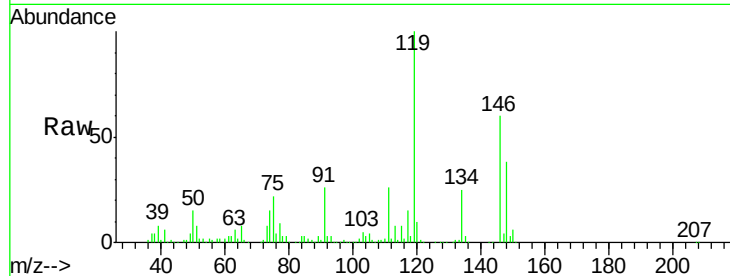
#87
 1,3-Dichlorobenzene
 Concen: 49.400 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064545.D
 Acq: 11 Nov 2020 10:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	424567		
111	43.6	22.1	66.1	
148	63.7	31.7	95.1	

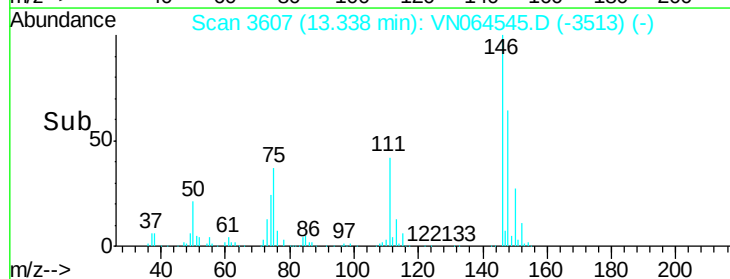
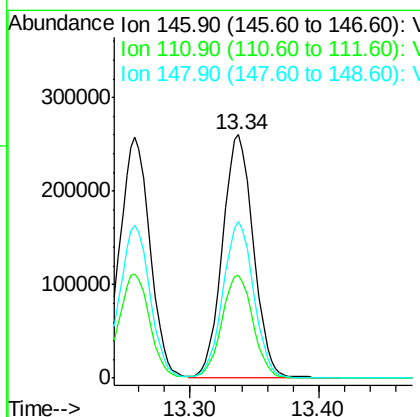
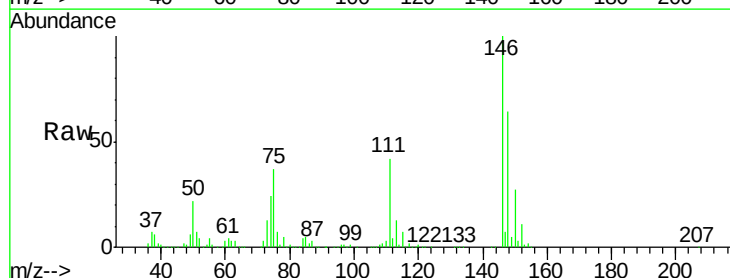
Manual Integrations
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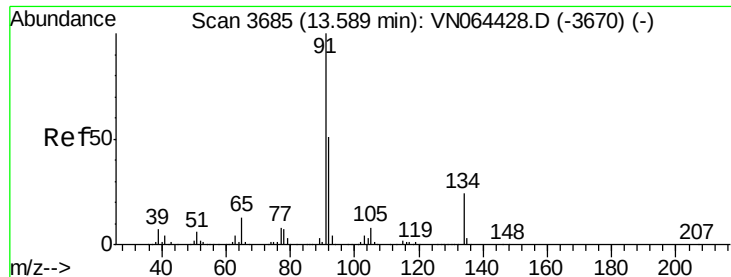
MMDadoda
 11/12/2020 9:12:14 AM



#88
 1,4-Dichlorobenzene
 Concen: 48.562 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064545.D
 Acq: 11 Nov 2020 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	431310		
111	42.5	21.8	65.3	
148	63.7	32.4	97.2	





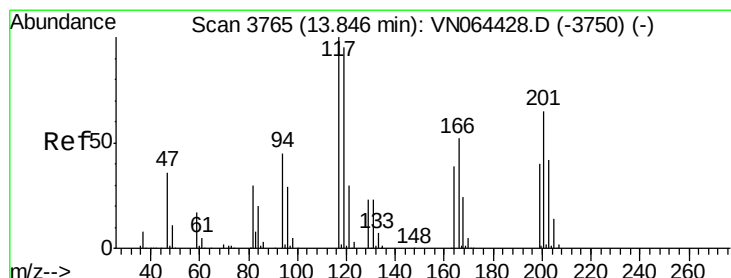
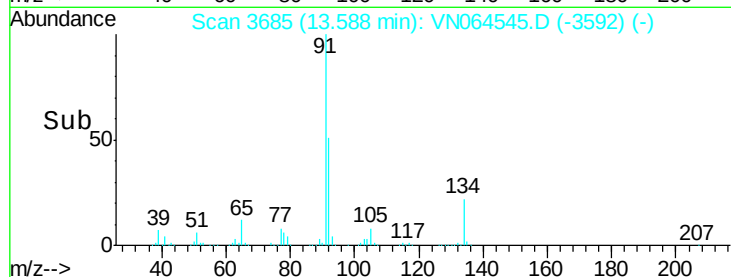
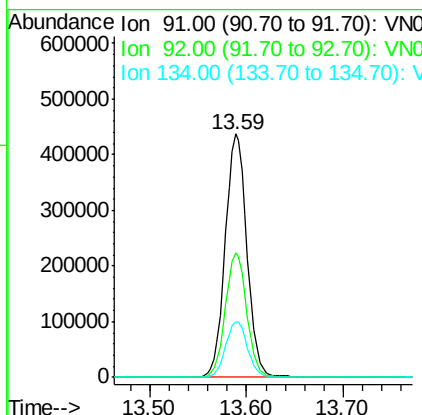
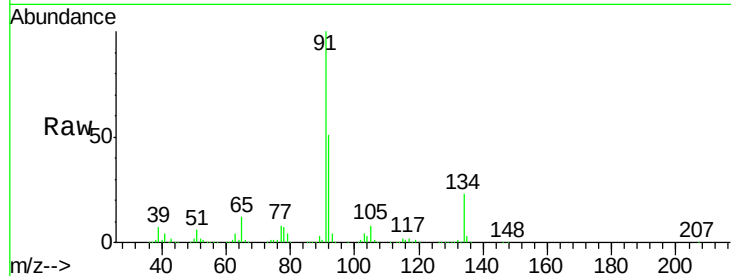
#89
n-Butylbenzene
Concen: 52.832 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.5	25.3	75.9
134	23.2	11.8	35.4

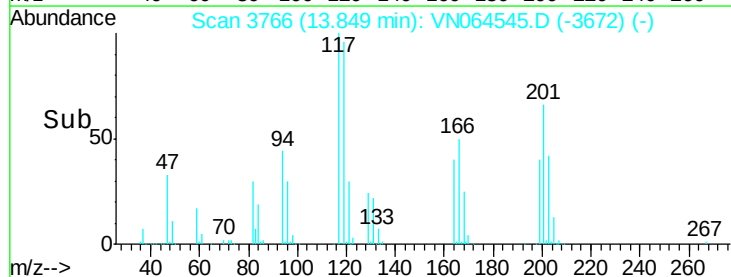
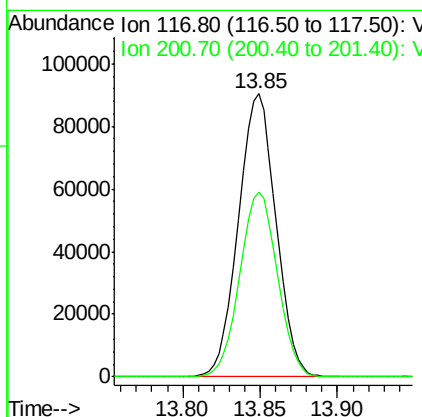
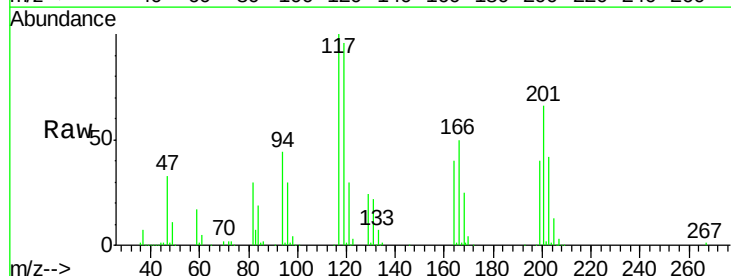
Manual Integrations
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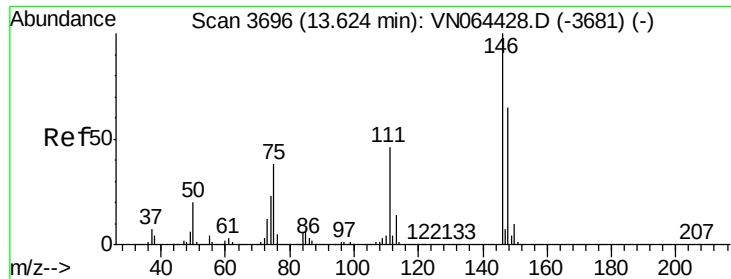
MMDadoda
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#90
Hexachloroethane
Concen: 52.934 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.4	32.5	97.5





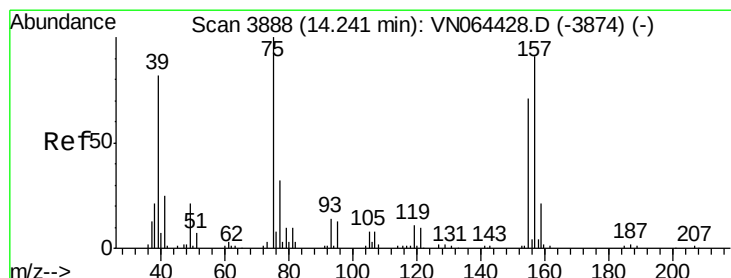
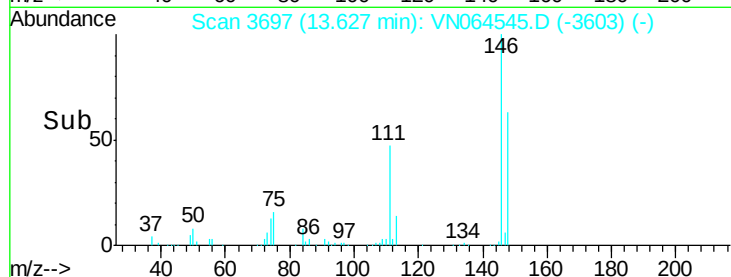
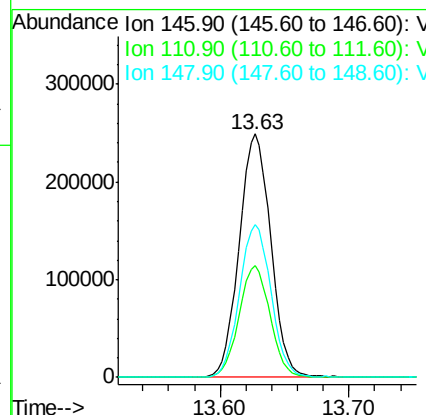
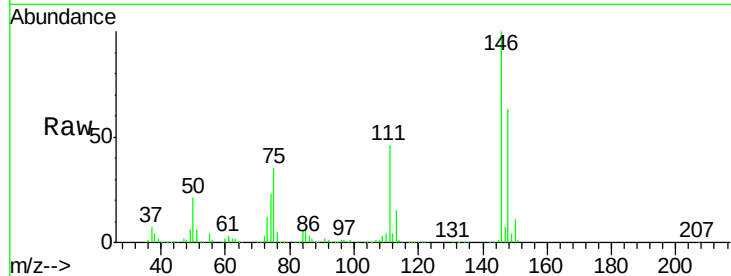
#91
 1,2-Dichlorobenzene
 Concen: 51.384 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064545.D
 Acq: 11 Nov 2020 10:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.4	22.9	68.7
148	62.7	32.0	96.2

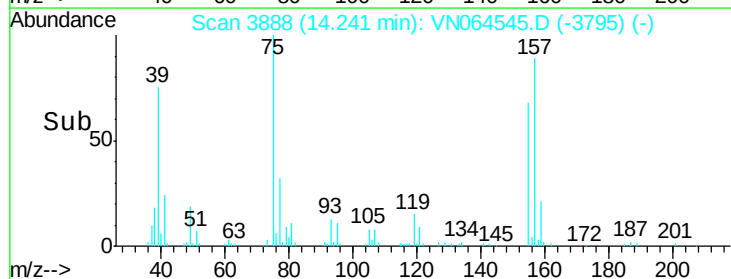
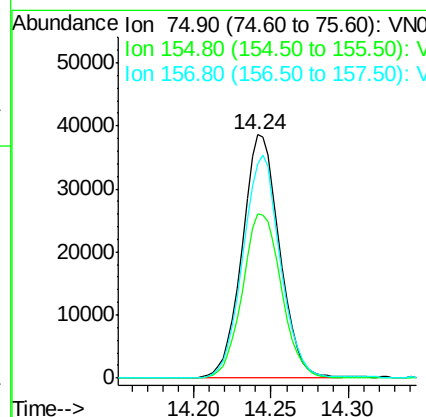
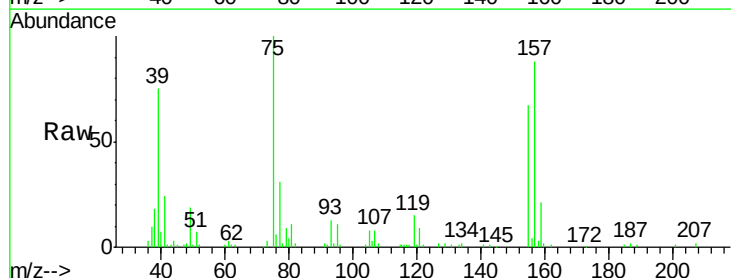
Manual Integrations
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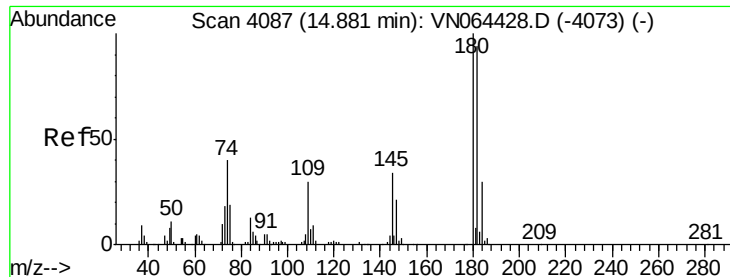
MMDadoda
 11/12/2020 9:12:14 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.113 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064545.D
 Acq: 11 Nov 2020 10:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.0	34.6	103.9
157	91.8	43.0	128.8





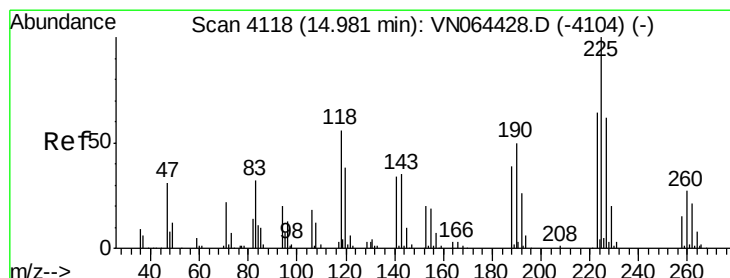
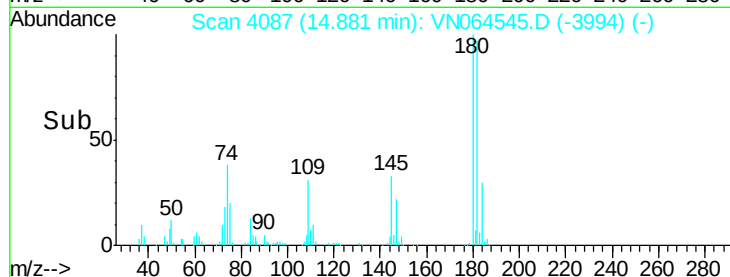
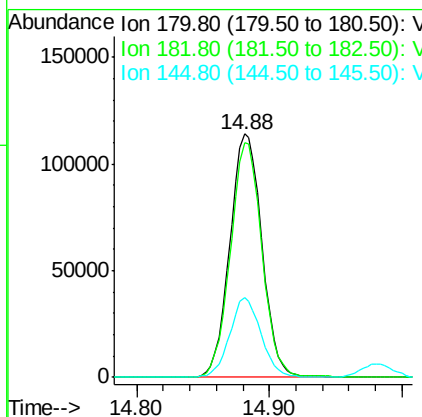
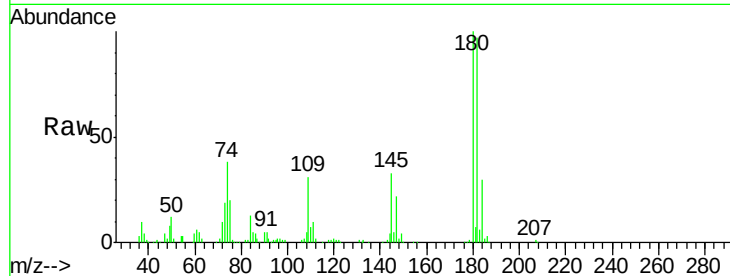
#93
1,2,4-Trichlorobenzene
Concen: 46.731 ug/l
RT: 14.88 min Scan# 4087
Delta R.T. -0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	191368		
182	94.6	47.3	142.0	
145	32.0	16.7	50.1	

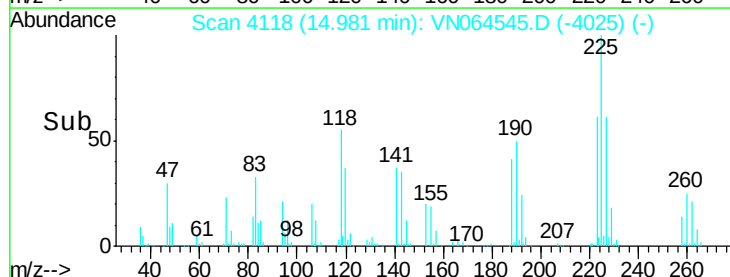
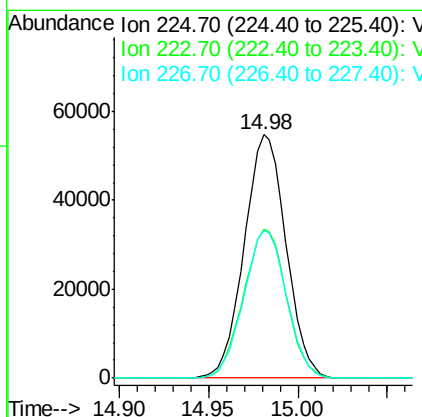
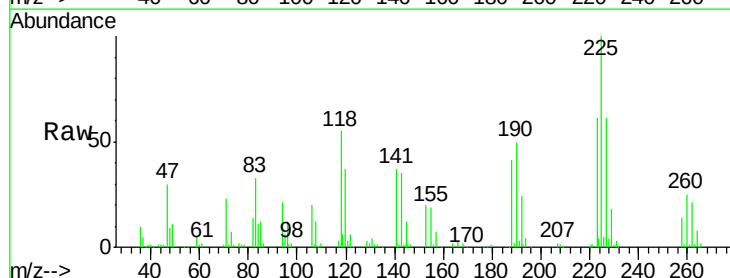
Manual Integrations
APPROVED

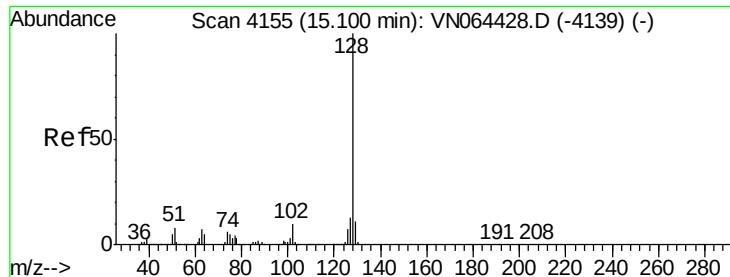
MMDadoda
11/12/2020 9:12:14 AM



#94
Hexachlorobutadiene
Concen: 53.140 ug/l
RT: 14.98 min Scan# 4118
Delta R.T. -0.00 min
Lab File: VN064545.D
Acq: 11 Nov 2020 10:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	89443		
223	62.6	31.8	95.4	
227	61.9	31.8	95.4	





#95

Naphthalene

Concen: 42.903 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064545.D

Acq: 11 Nov 2020 10:23

Instrument :

MSVOA_N

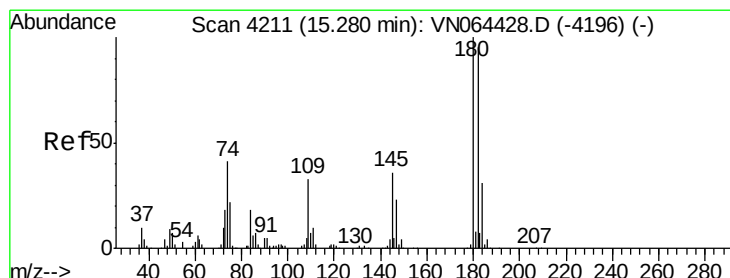
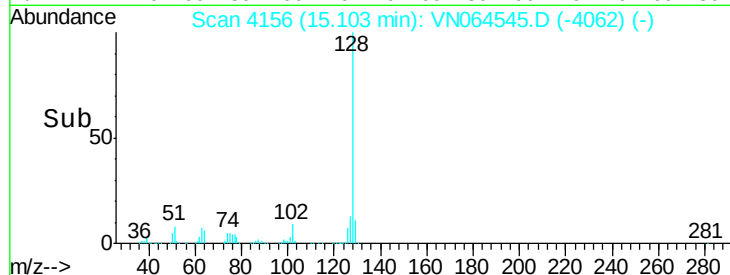
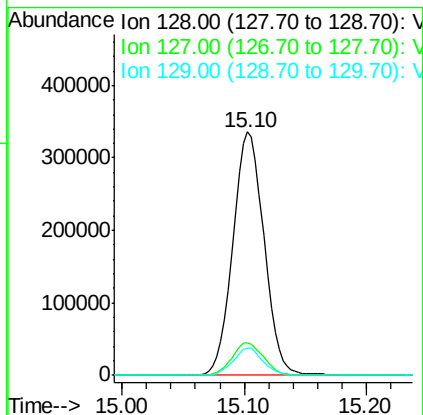
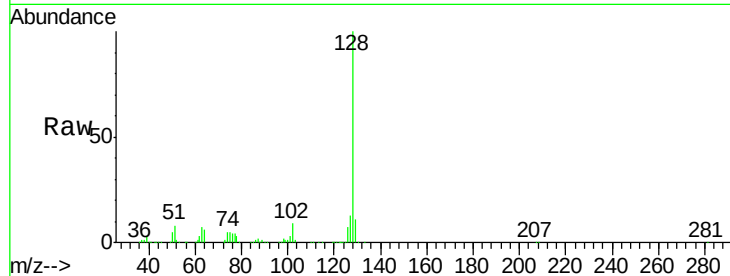
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	595087
Ion Ratio		Lower	Upper
128	100		
127	13.5	10.5	15.7
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
11/12/2020 9:12:14 AM



#96

1,2,3-Trichlorobenzene

Concen: 48.434 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064545.D

Acq: 11 Nov 2020 10:23

Tgt Ion:	180	Resp:	192278
Ion Ratio		Lower	Upper
180	100		
182	94.8	47.7	143.1
145	34.3	18.3	54.8

