

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080320\
 Data File : VN062745.D
 Acq On : 3 Aug 2020 19:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 8/4/2020 1:52:08 PM

Quant Time: Aug 04 05:23:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	144465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	236682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	220267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	110609	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	114876	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
35) Dibromofluoromethane	7.55	113	75845	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
50) Toluene-d8	10.06	98	284903	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	
62) 4-Bromofluorobenzene	12.38	95	109483	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	72737	42.210	ug/l	99
3) Chloromethane	2.03	50	78964	33.786	ug/l	98
4) Vinyl Chloride	2.16	62	76503	37.759	ug/l	98
5) Bromomethane	2.50	94	38552	42.960	ug/l	95
6) Chloroethane	2.65	64	49601	54.120	ug/l	98
7) Trichlorofluoromethane	2.97	101	135007	56.753	ug/l	100
8) Diethyl Ether	3.37	74	45235	40.663	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.71	101	67274	44.108	ug/l	99
10) Methyl Iodide	3.91	142	75481	38.710	ug/l	94
11) Tert butyl alcohol	4.74	59	72942	204.315	ug/l	99
12) 1,1-Dichloroethene	3.69	96	64913	41.965	ug/l	96
13) Acrolein	3.56	56	53947	148.445	ug/l	98
14) Allyl chloride	4.27	41	120644	36.056	ug/l	90
15) Acrylonitrile	4.93	53	194669	203.579	ug/l	99
16) Acetone	3.77	43	162318	192.204	ug/l	97
17) Carbon Disulfide	4.00	76	179249	35.268	ug/l	99
18) Methyl Acetate	4.28	43	95398	44.622	ug/l	94
19) Methyl tert-butyl Ether	4.99	73	259254	45.536	ug/l	98
20) Methylene Chloride	4.50	84	80893	39.938	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	70880	41.286	ug/l	92
22) Diisopropyl ether	5.90	45	257977	38.788	ug/l	96
23) Vinyl Acetate	5.84	43	1078217	197.850	ug/l	97
24) 1,1-Dichloroethane	5.80	63	150206	41.939	ug/l	99
25) 2-Butanone	6.79	43	252737	196.505	ug/l	96
26) 2,2-Dichloropropane	6.78	77	129368	44.001	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	81593	41.649	ug/l	99
28) Bromochloromethane	7.15	49	70105	39.774	ug/l	89
29) Tetrahydrofuran	7.17	42	164181	188.651	ug/l	92
30) Chloroform	7.33	83	155914	45.786	ug/l	98
31) Cyclohexane	7.61	56	116352	35.186	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	144240	50.734	ug/l	97
36) 1,1-Dichloropropene	7.75	75	110661	43.865	ug/l	99
37) Ethyl Acetate	6.88	43	107600	39.567	ug/l	98
38) Carbon Tetrachloride	7.73	117	125662	51.821	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	116105	42.754	ug/l	97
40) Benzene	8.00	78	318886	41.752	ug/l	100
41) Methacrylonitrile	7.14	41	52457m	45.009	ug/l	
42) 1,2-Dichloroethane	8.09	62	138159	49.479	ug/l	97
43) Isopropyl Acetate	8.13	43	181886	41.490	ug/l #	91
44) Trichloroethene	8.80	130	75481	43.824	ug/l	99
45) 1,2-Dichloropropane	9.09	63	86483	40.330	ug/l	100
46) Dibromomethane	9.18	93	57880	46.700	ug/l	97
47) Bromodichloromethane	9.37	83	129158	48.101	ug/l	97
48) Methyl methacrylate	9.17	41	89272	42.838	ug/l	94
49) 1,4-Dioxane	9.17	88	28867	901.891	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	551136	210.112	ug/l	98
52) Toluene	10.12	92	196436	44.293	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	139894	46.800	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	143863	44.853	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	79859	46.423	ug/l	95
56) Ethyl methacrylate	10.40	69	127935	41.721	ug/l	94
57) 1,3-Dichloropropane	10.68	76	140429	44.559	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	196026	213.208	ug/l	96
59) 2-Hexanone	10.72	43	404752	200.121	ug/l	99
60) Dibromochloromethane	10.87	129	94837	49.417	ug/l	98
61) 1,2-Dibromoethane	10.98	107	80595	44.992	ug/l	98
64) Tetrachloroethene	10.60	164	65388	45.690	ug/l	97
65) Chlorobenzene	11.41	112	209678	45.407	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	83892	48.292	ug/l	96
67) Ethyl Benzene	11.48	91	384137	45.370	ug/l	99
68) m/p-Xylenes	11.60	106	286135	94.025	ug/l	99
69) o-Xylene	11.92	106	136612	47.274	ug/l	98
70) Styrene	11.94	104	237073	48.565	ug/l	97
71) Bromoform	12.10	173	67771	51.958	ug/l #	99
73) Isopropylbenzene	12.22	105	381253	43.592	ug/l	99
74) N-amyl acetate	12.05	43	155529	39.820	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	119714	39.390	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	118733m	42.173	ug/l	
77) Bromobenzene	12.50	156	90422	43.021	ug/l	94
78) n-propylbenzene	12.57	91	441548	43.100	ug/l	99
79) 2-Chlorotoluene	12.65	91	270329	42.817	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	344521	47.489	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	41193	40.730	ug/l	92
82) 4-Chlorotoluene	12.75	91	285567	43.454	ug/l	99
83) tert-Butylbenzene	12.97	119	280293	46.529	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	341154	47.936	ug/l	96
85) sec-Butylbenzene	13.15	105	367903	45.617	ug/l	99
86) p-Isopropyltoluene	13.26	119	337134	48.603	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	164562	44.616	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	162734	44.820	ug/l	99
89) n-Butylbenzene	13.59	91	275182	46.171	ug/l	99
90) Hexachloroethane	13.85	117	62585	42.383	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	159468	45.216	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	26823	48.610	ug/l	97

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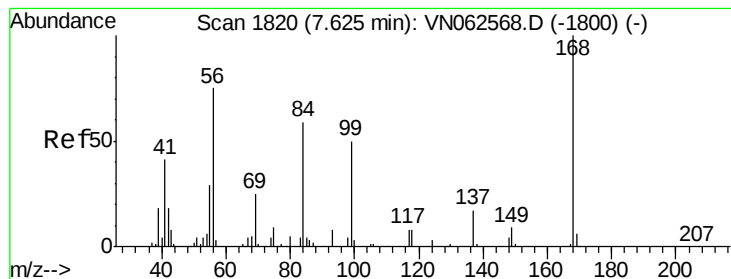
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	78013	42.562	ug/l	99
94) Hexachlorobutadiene	14.98	225	50097	52.529	ug/l	96
95) Naphthalene	15.10	128	201802	41.701	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	76311	45.914	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062745.D

Acq: 3 Aug 2020 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 144465

Ion Ratio Lower Upper

168 100

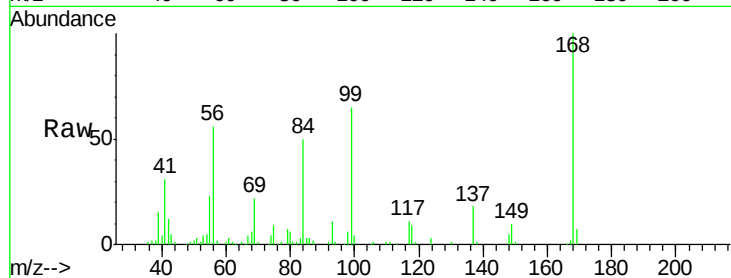
99 64.9 48.4 72.6

Manual Integrations

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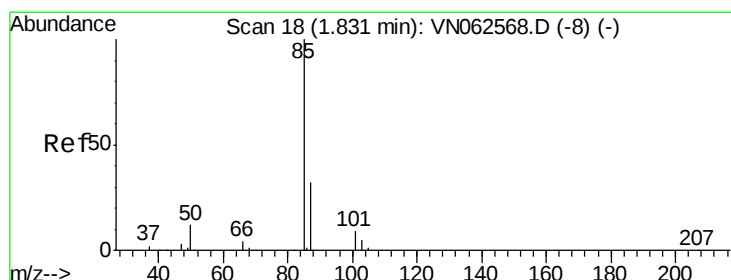
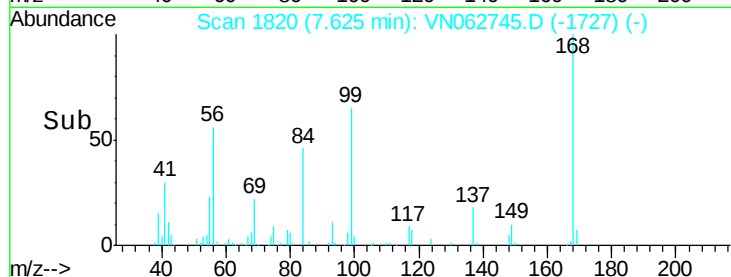
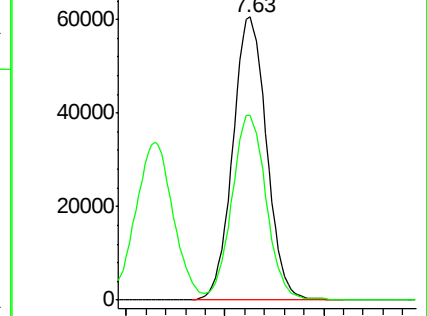
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 42.210 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062745.D

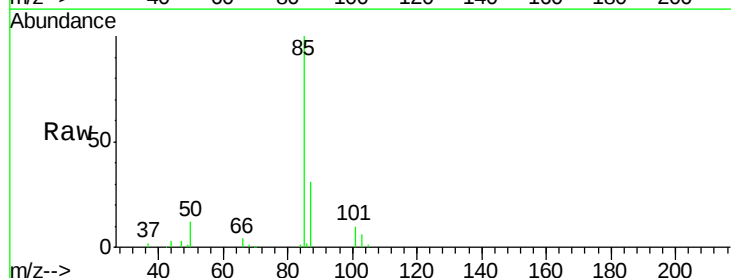
Acq: 3 Aug 2020 19:02

Tgt Ion: 85 Resp: 72737

Ion Ratio Lower Upper

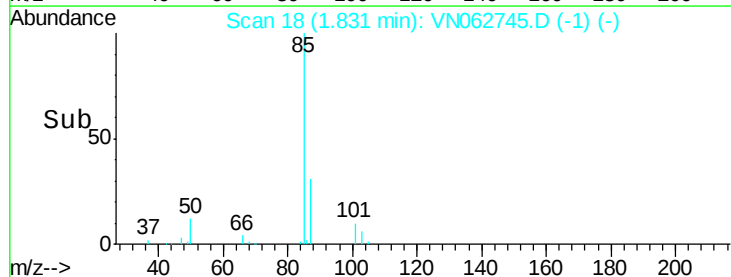
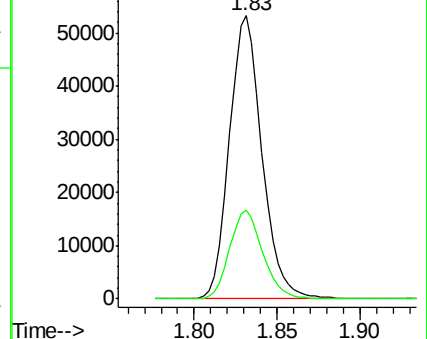
85 100

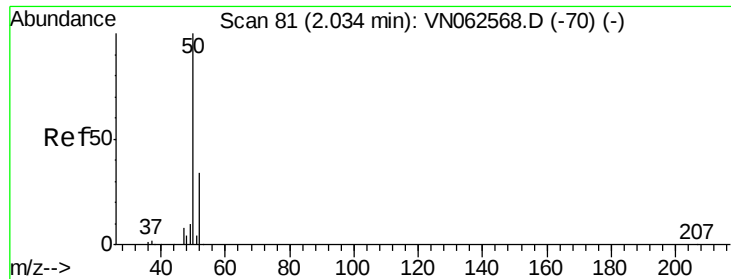
87 31.3 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 33.786 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062745.D

Acq: 3 Aug 2020 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 78964

Ion Ratio Lower Upper

50 100

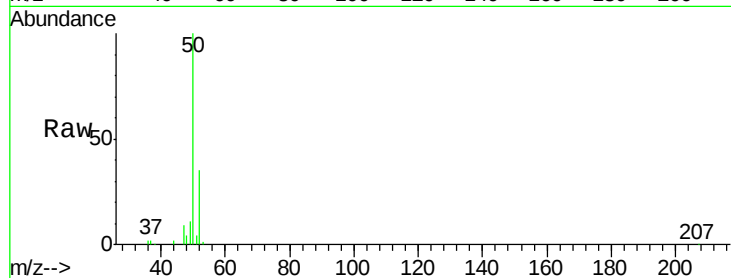
52 34.8 27.0 40.4

Manual Integrations

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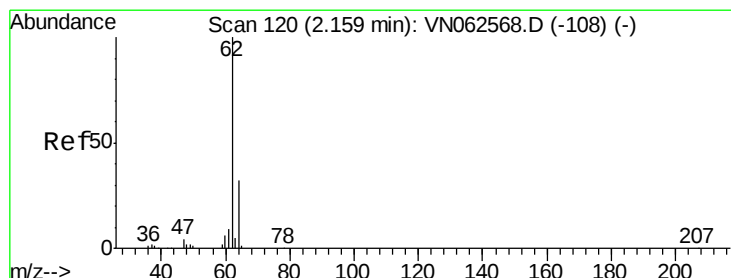
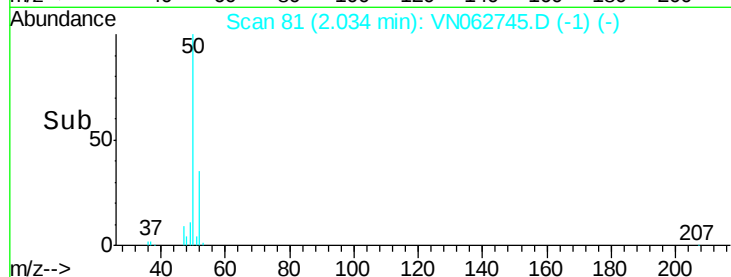
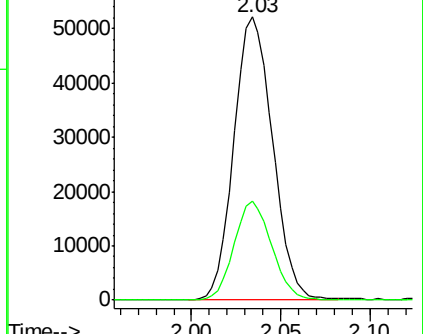
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 37.759 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062745.D

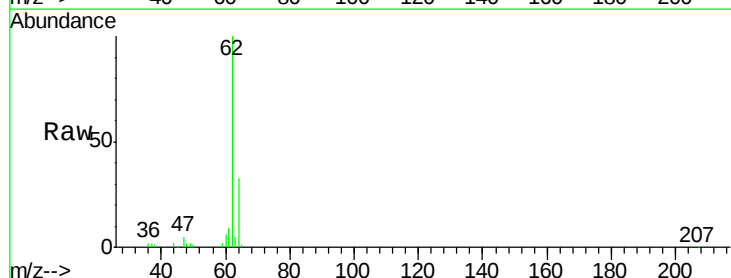
Acq: 3 Aug 2020 19:02

Tgt Ion: 62 Resp: 76503

Ion Ratio Lower Upper

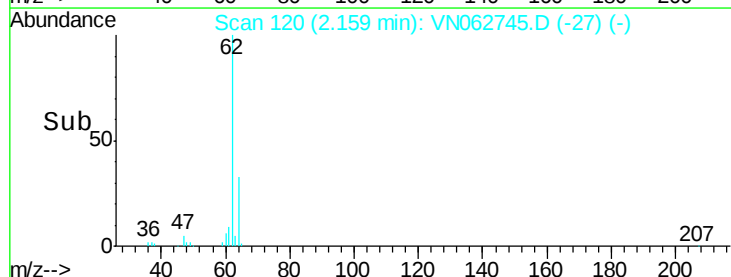
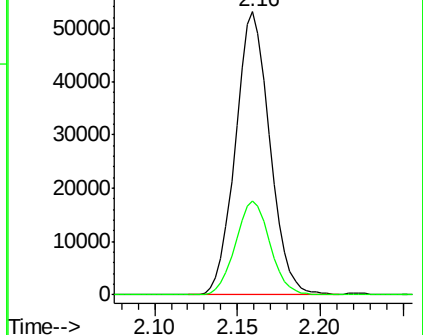
62 100

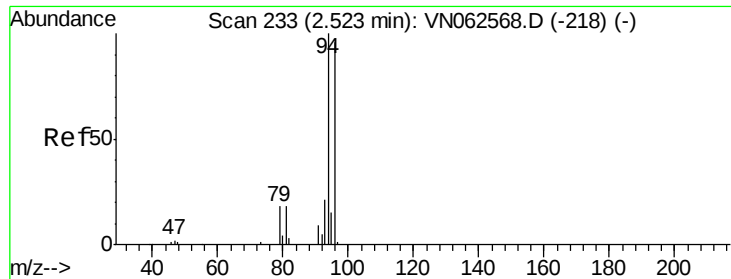
64 33.4 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 42.960 ug/l

RT: 2.50 min Scan# 226

Delta R.T. -0.02 min

Lab File: VN062745.D

Acq: 3 Aug 2020 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 38552

Ion Ratio Lower Upper

94 100

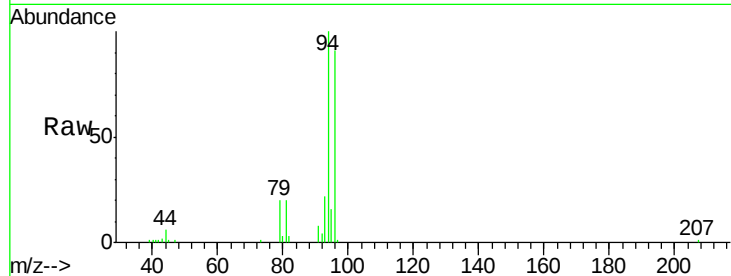
96 90.9 76.6 114.8

Manual Integrations

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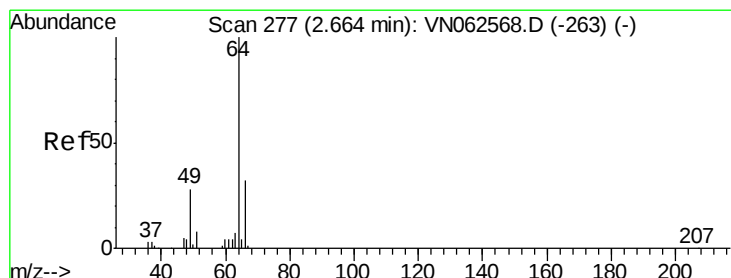
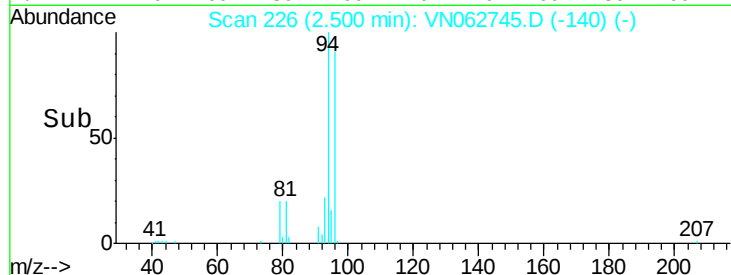
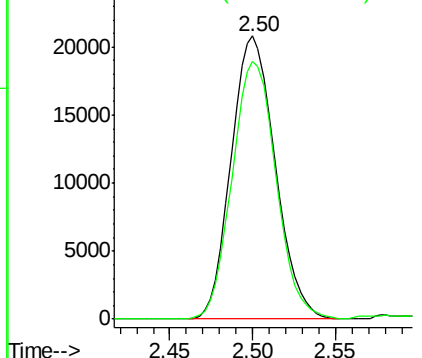
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 54.120 ug/l

RT: 2.65 min Scan# 273

Delta R.T. -0.01 min

Lab File: VN062745.D

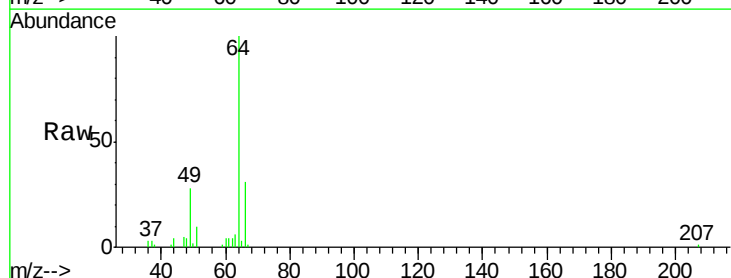
Acq: 3 Aug 2020 19:02

Tgt Ion: 64 Resp: 49601

Ion Ratio Lower Upper

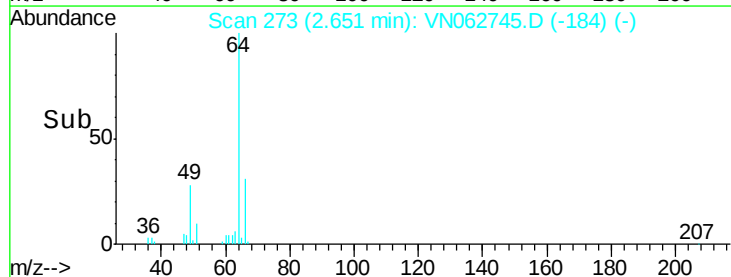
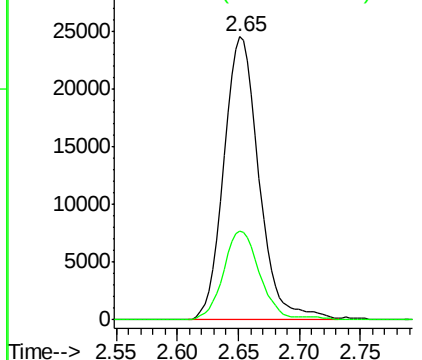
64 100

66 31.3 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

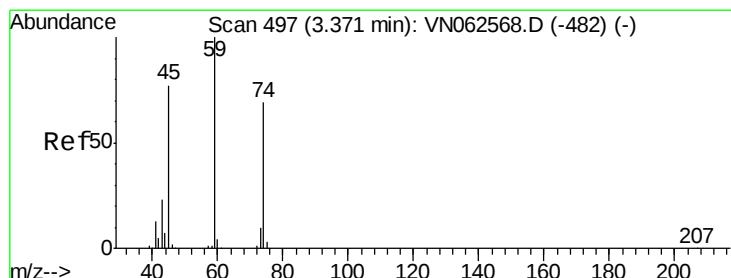
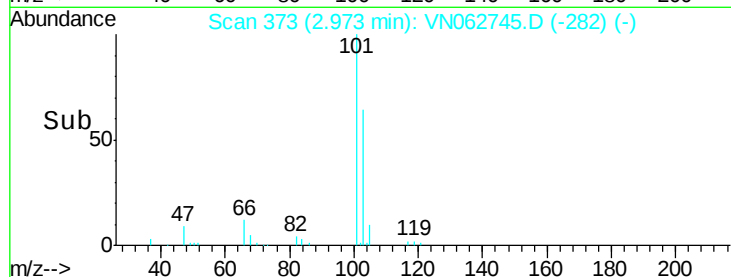
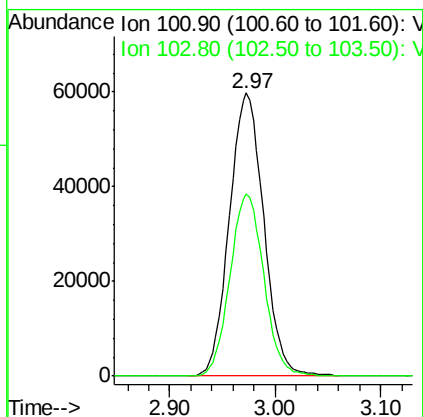
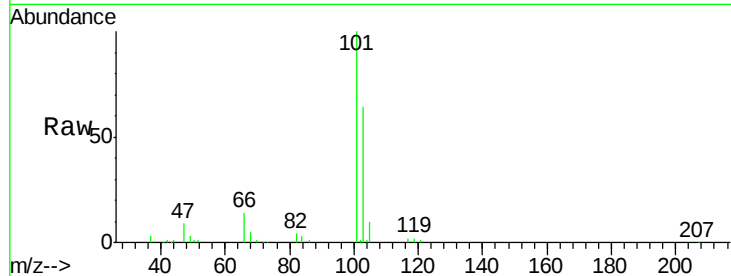
Trichlorofluoromethane
 Concen: 56.753 ug/l
 RT: 2.97 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: VN062745.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		135007		
103	64.4	51.5	77.3		

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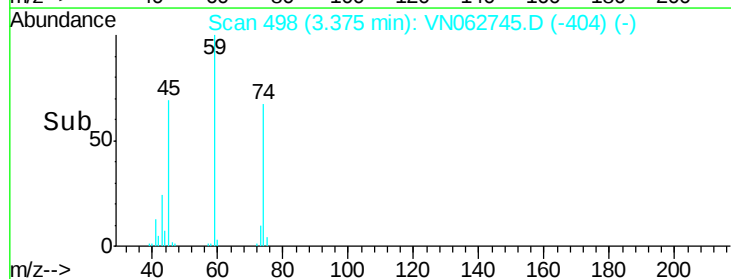
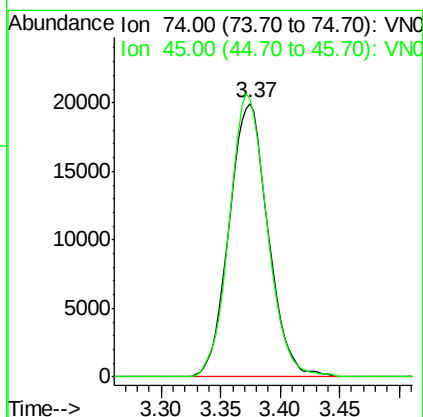
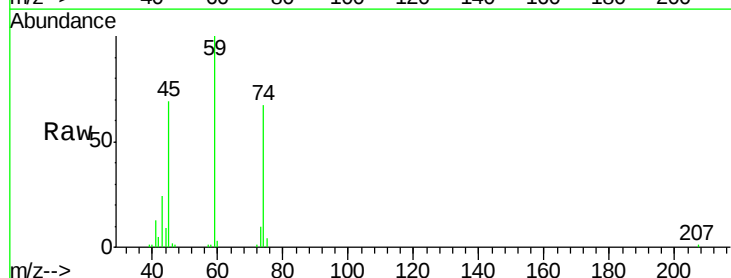
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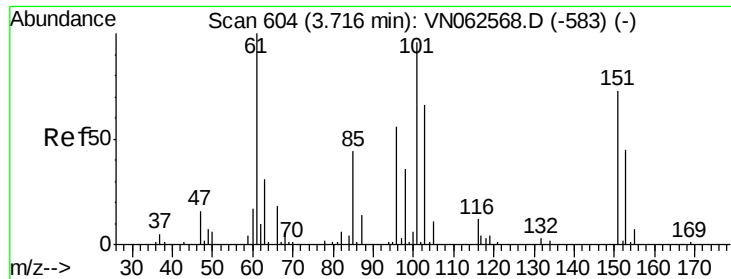


#8

Diethyl Ether
 Concen: 40.663 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062745.D
 Acq: 3 Aug 2020 19:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		45235		
45	100.3	55.3	165.8		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.108 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062745.D

Acq: 3 Aug 2020 19:02

Instrument :

MSVOA_N

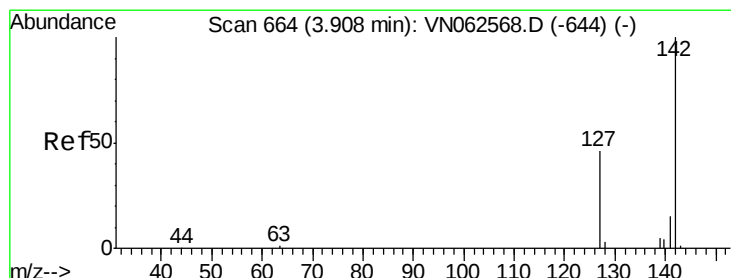
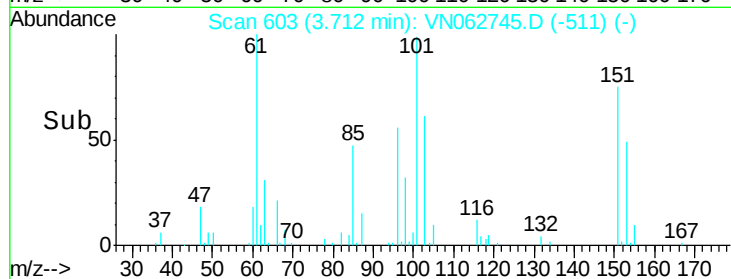
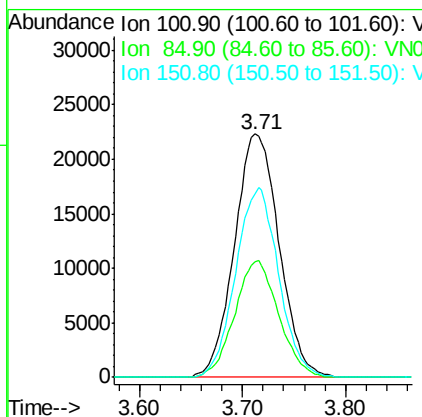
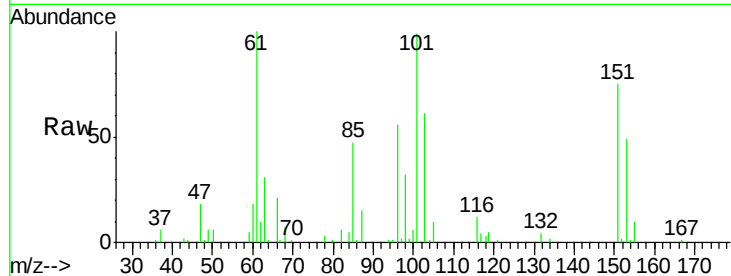
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	67274
Ion Ratio	Lower	Upper	
101	100		
85	47.1	36.0	54.0
151	75.1	60.0	90.0

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#10

Methyl Iodide

Concen: 38.710 ug/l

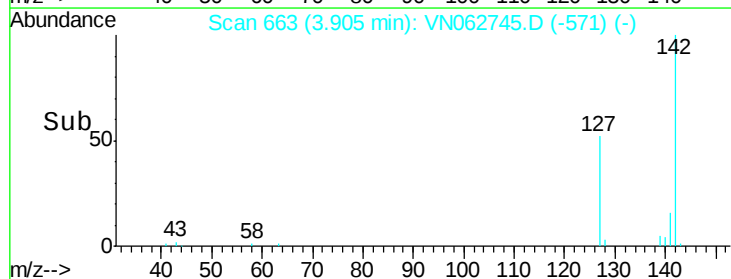
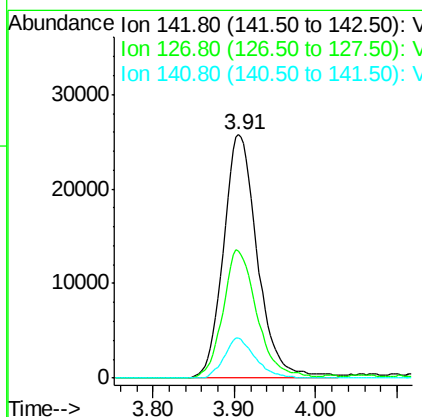
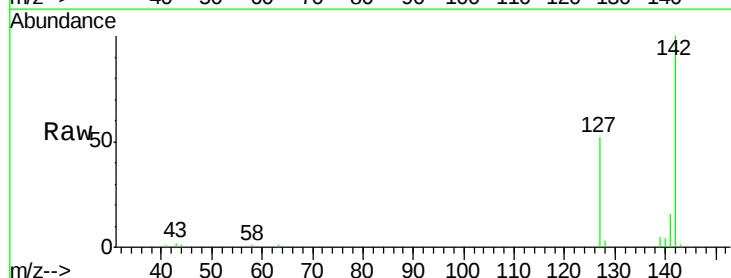
RT: 3.91 min Scan# 663

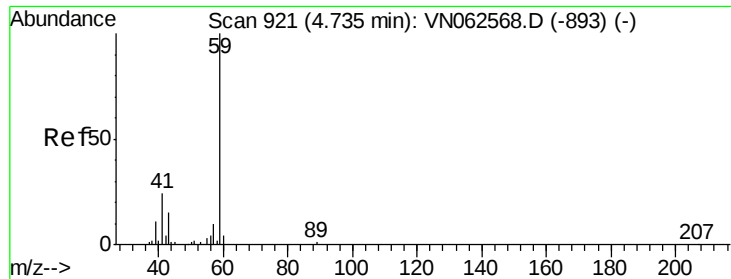
Delta R.T. -0.00 min

Lab File: VN062745.D

Acq: 3 Aug 2020 19:02

Tgt Ion:	142	Resp:	75481
Ion Ratio	Lower	Upper	
142	100		
127	52.3	37.4	56.0
141	15.0	11.9	17.9





#11

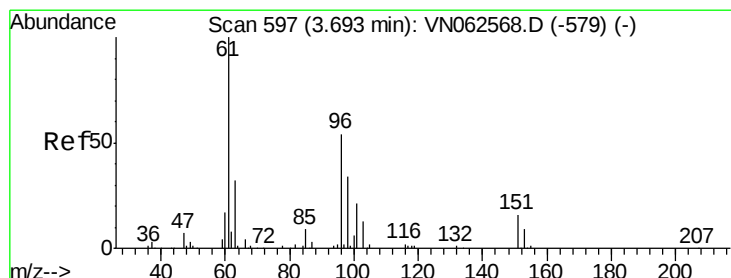
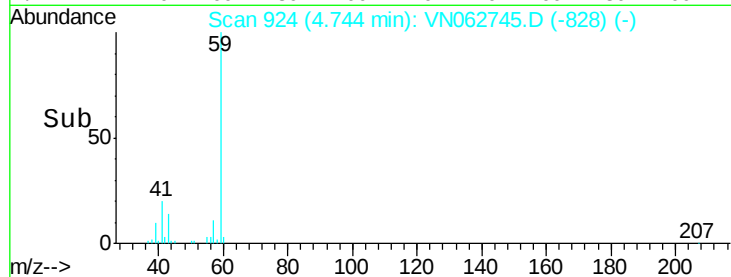
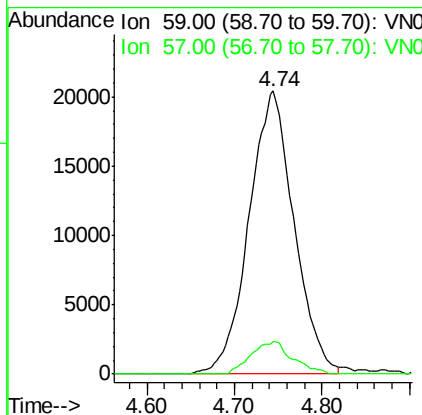
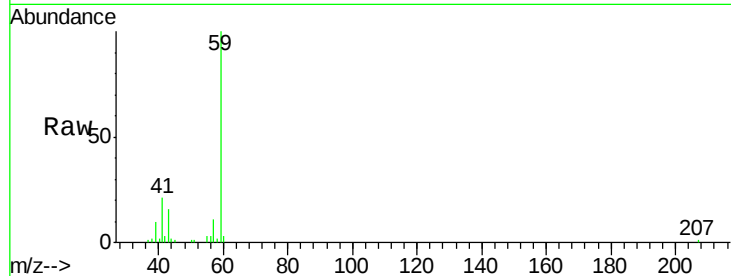
Tert butyl alcohol
 Concen: 204.315 ug/l
 RT: 4.74 min Scan# 924
 Delta R.T. 0.01 min
 Lab File: VN062745.D
 Acq: 3 Aug 2020 19:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.2	12.2

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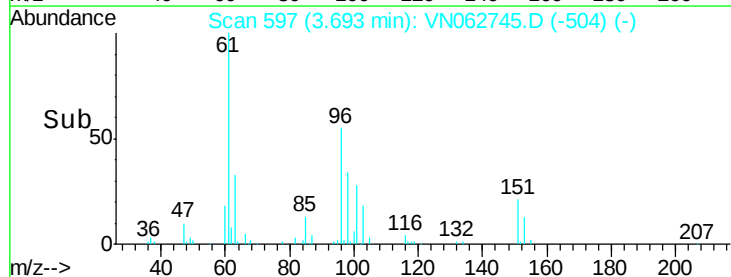
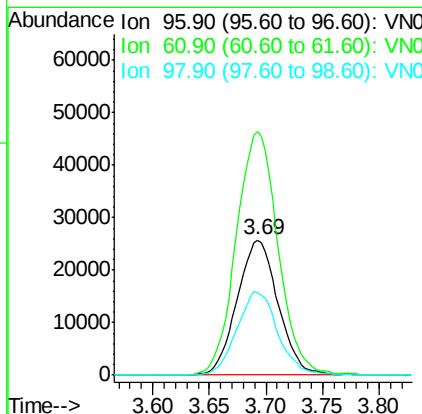
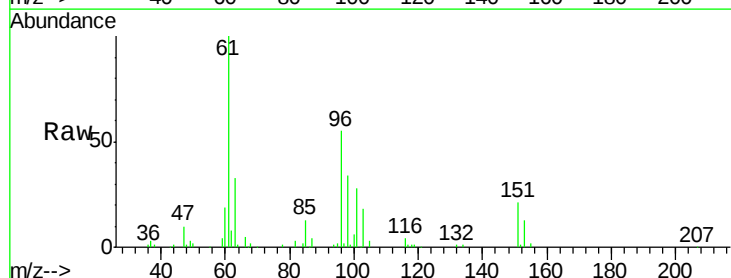
MMDadoda
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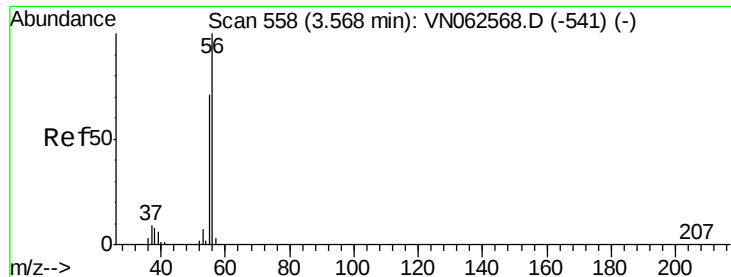


#12

1,1-Dichloroethene
 Concen: 41.965 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062745.D
 Acq: 3 Aug 2020 19:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	180.2	148.6	222.8
98	61.1	50.6	75.8





#13

Acrolein

Concen: 148.445 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062745.D

Acq: 3 Aug 2020 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 53947

Ion Ratio Lower Upper

56 100

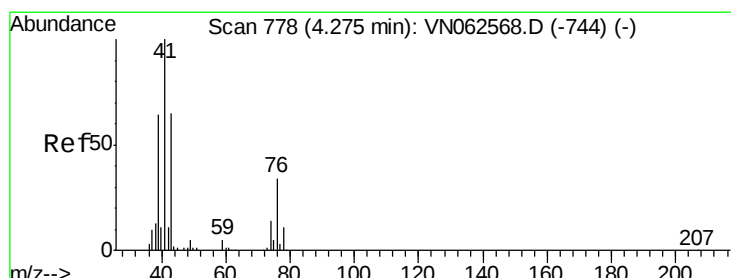
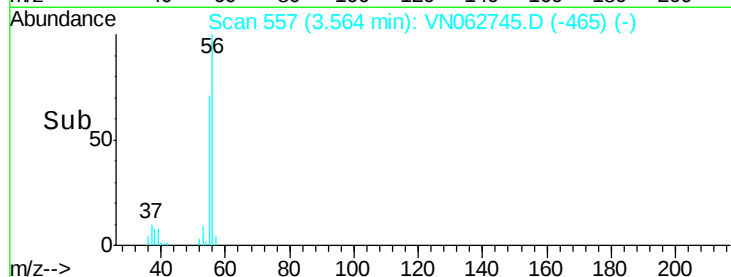
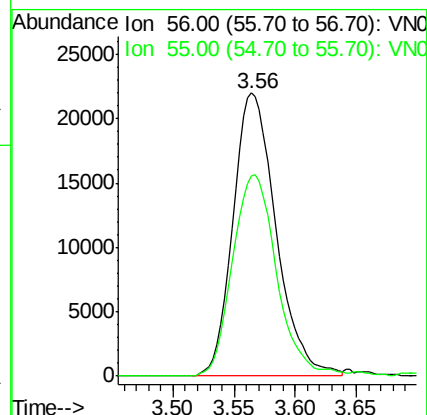
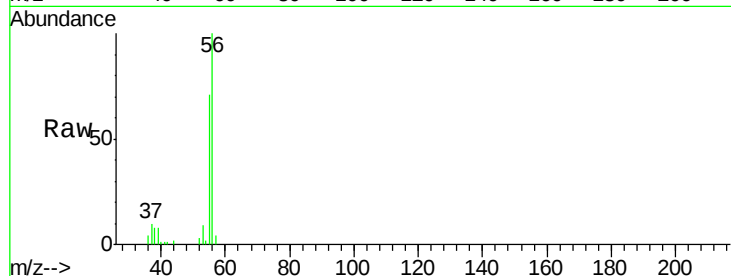
55 72.7 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 36.056 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062745.D

Acq: 3 Aug 2020 19:02

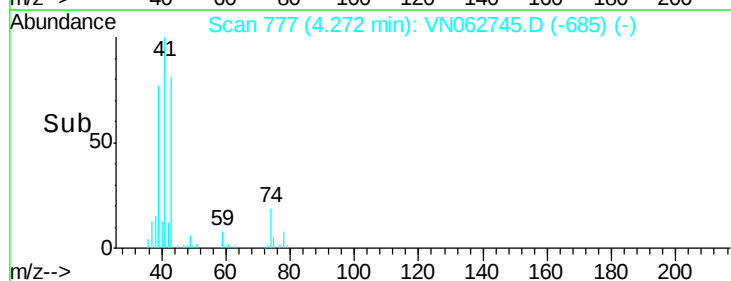
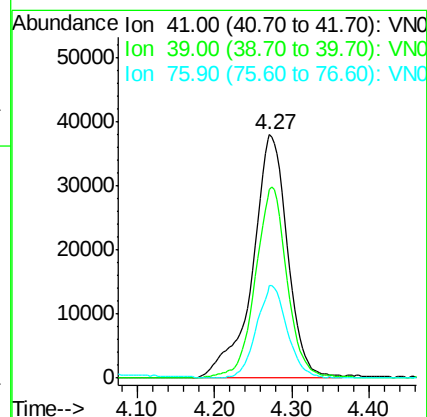
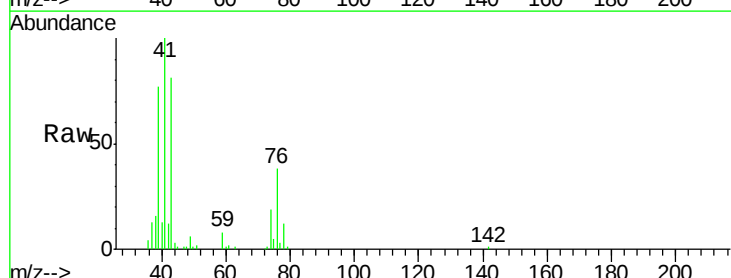
Tgt Ion: 41 Resp: 120644

Ion Ratio Lower Upper

41 100

39 70.7 49.0 73.4

76 33.3 24.0 36.0





#15

Acrylonitrile

Concen: 203.579 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062745.D

Acq: 3 Aug 2020 19:02

Instrument :

MSVOA_N

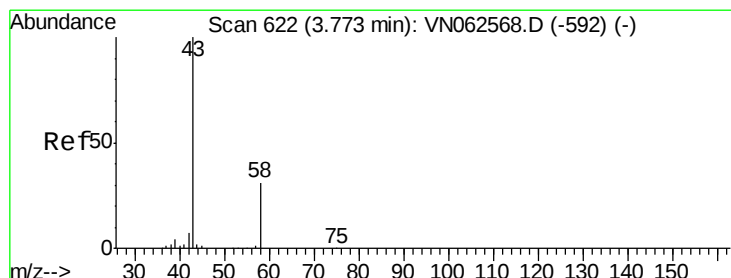
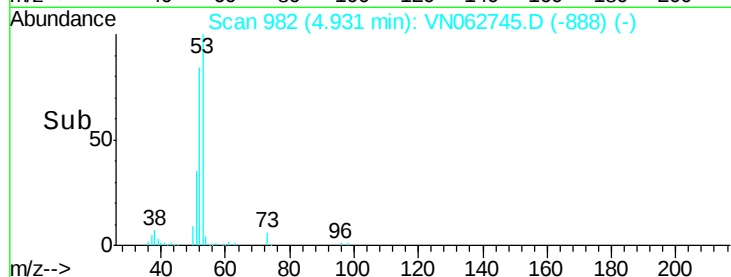
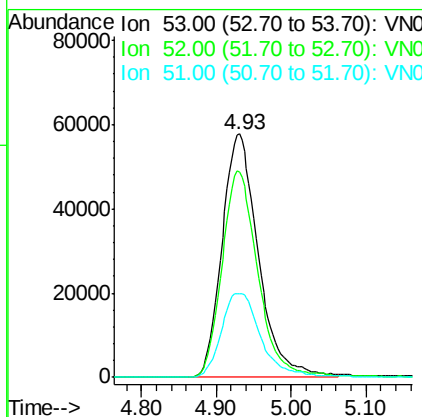
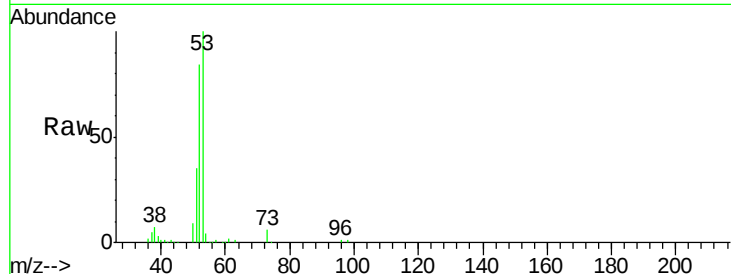
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	194669
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.3	99.5
51	37.4	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 192.204 ug/l

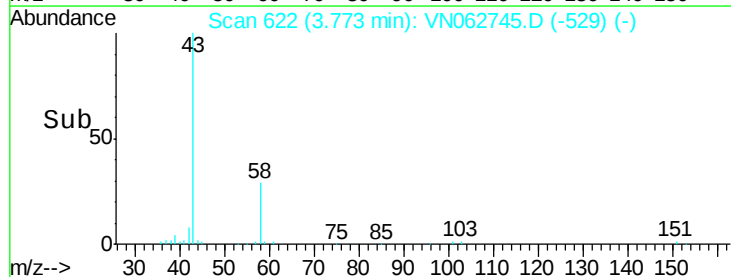
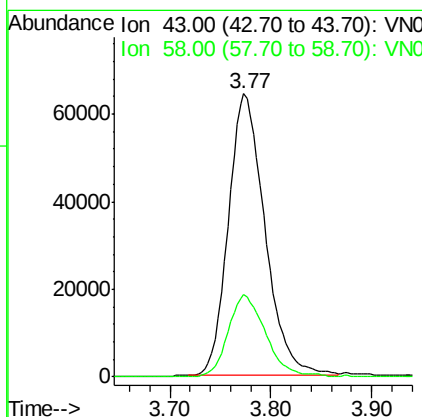
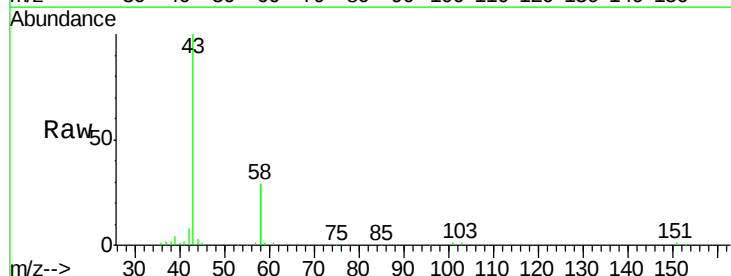
RT: 3.77 min Scan# 622

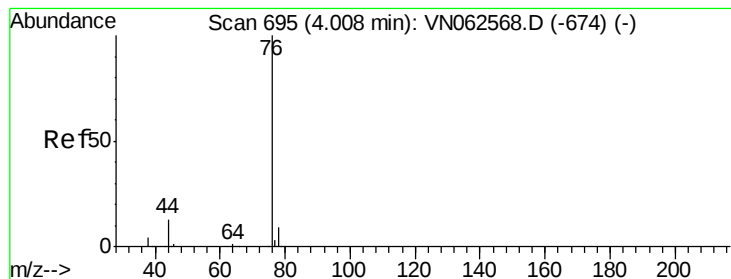
Delta R.T. -0.00 min

Lab File: VN062745.D

Acq: 3 Aug 2020 19:02

Tgt Ion:	43	Resp:	162318
Ion	Ratio	Lower	Upper
43	100		
58	29.2	24.6	37.0





#17

Carbon Disulfide

Concen: 35.268 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN062745.D

Acq: 3 Aug 2020 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 179249

Ion Ratio Lower Upper

76 100

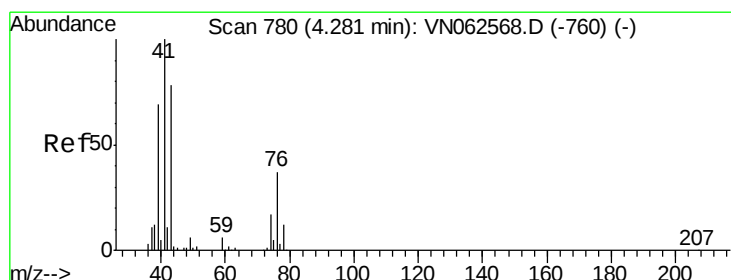
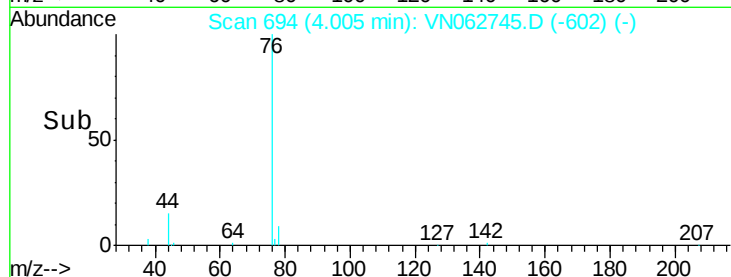
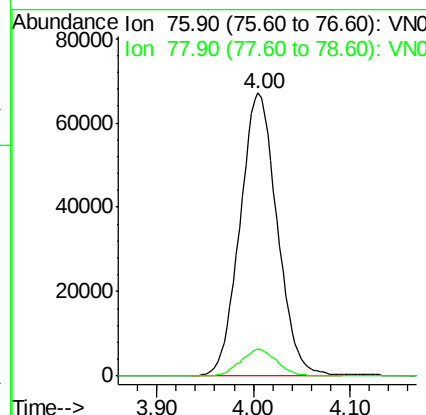
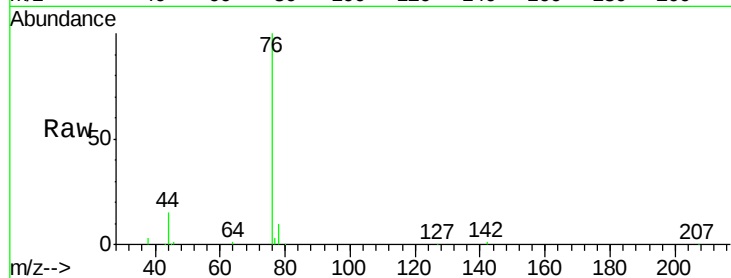
78 9.6 7.3 10.9

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#18

Methyl Acetate

Concen: 44.622 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.00 min

Lab File: VN062745.D

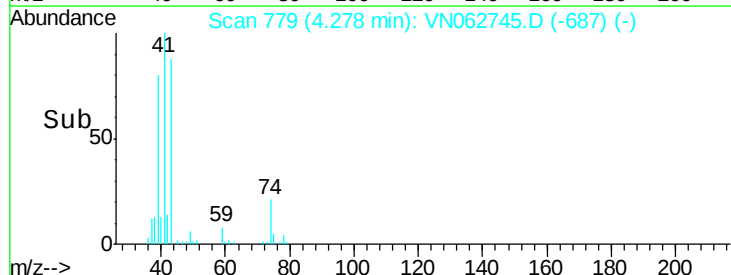
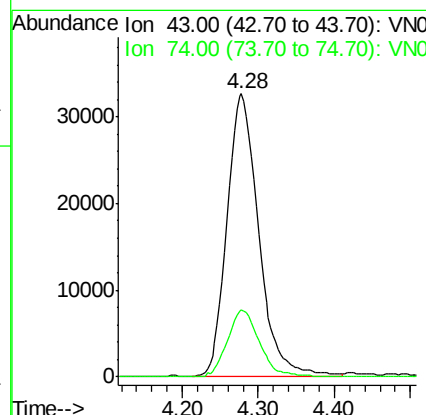
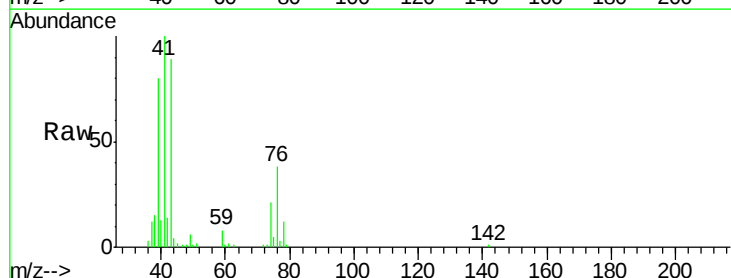
Acq: 3 Aug 2020 19:02

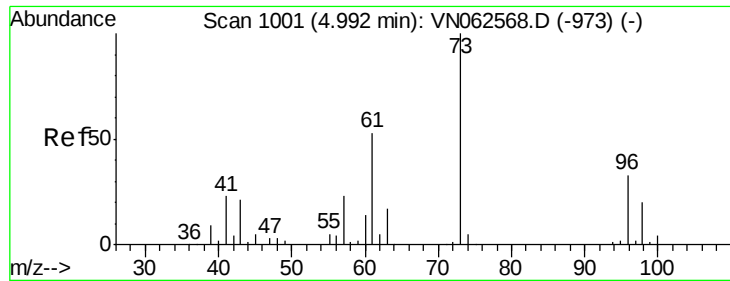
Tgt Ion: 43 Resp: 95398

Ion Ratio Lower Upper

43 100

74 23.7 16.6 24.8





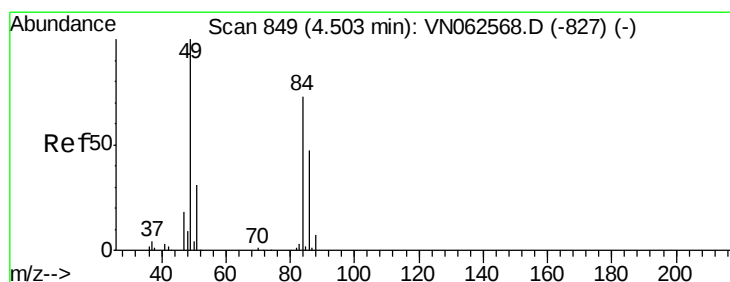
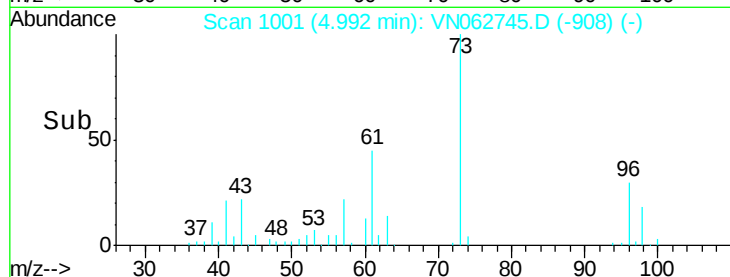
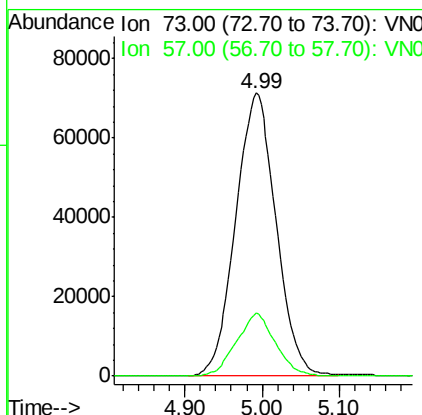
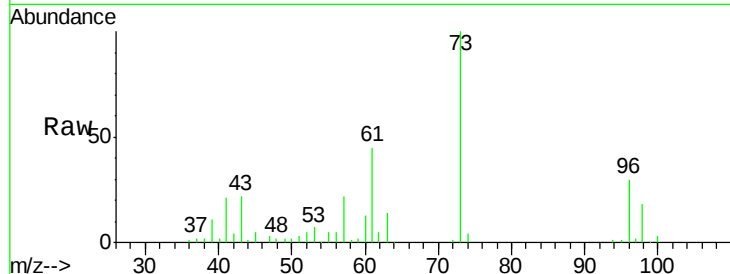
#19
Methyl tert-butyl Ether
Concen: 45.536 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062745.D
Acq: 3 Aug 2020 19:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 259254
Ion Ratio Lower Upper
73 100
57 22.2 18.6 27.8

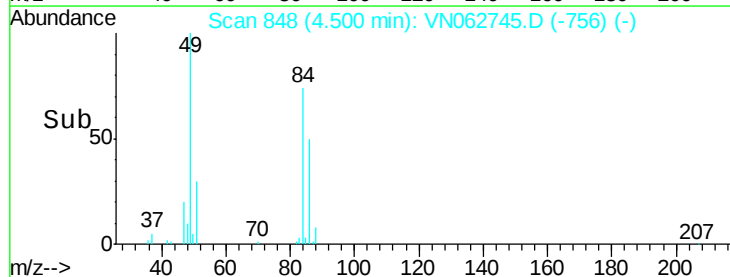
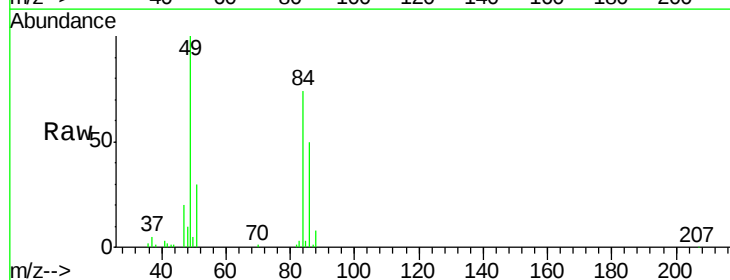
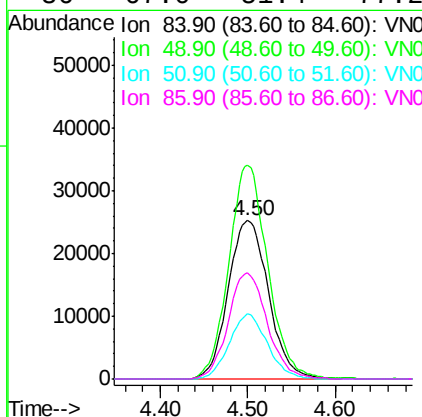
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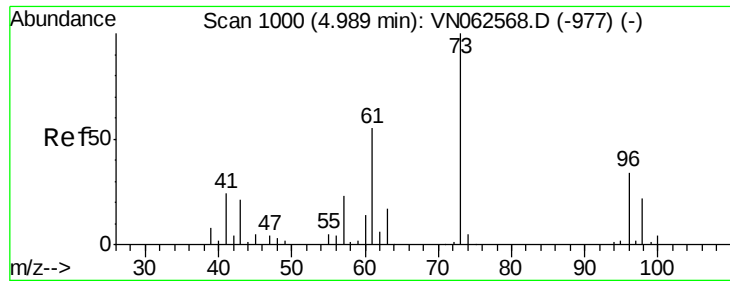
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#20
Methylene Chloride
Concen: 39.938 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062745.D
Acq: 3 Aug 2020 19:02

Tgt Ion: 84 Resp: 80893
Ion Ratio Lower Upper
84 100
49 135.0 109.4 164.0
51 41.1 33.6 50.4
86 67.0 51.4 77.2





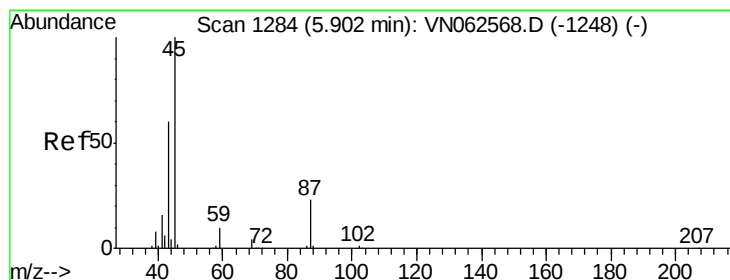
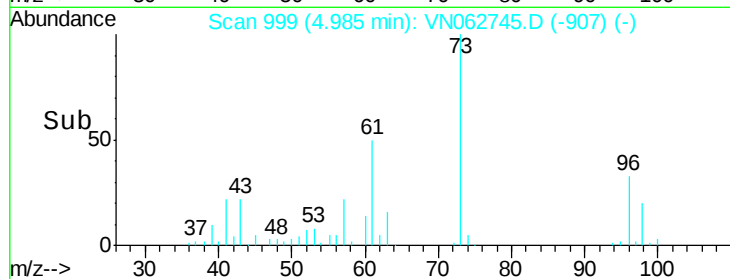
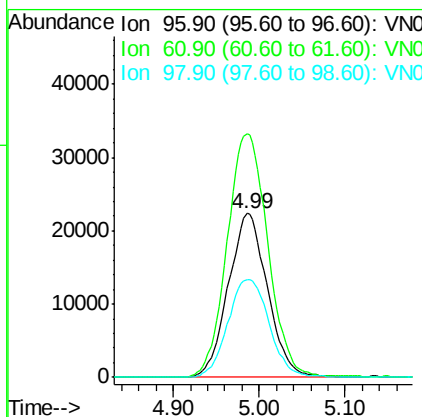
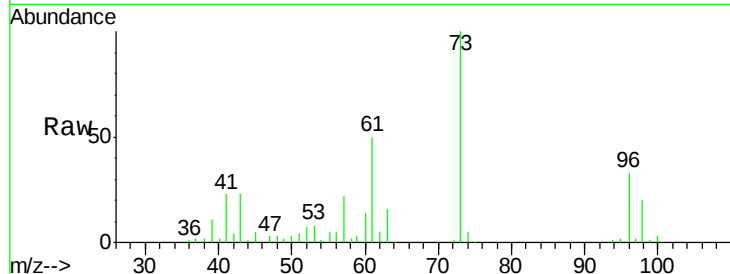
#21
trans-1,2-Dichloroethene
Concen: 41.286 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN062745.D
Acq: 3 Aug 2020 19:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.4	128.6	192.8
98	59.9	50.6	76.0

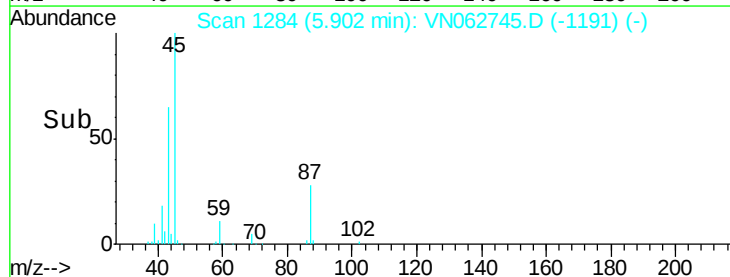
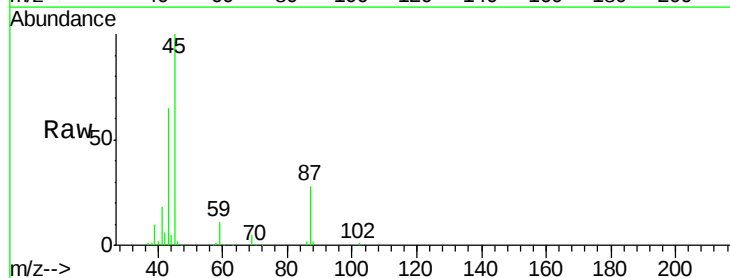
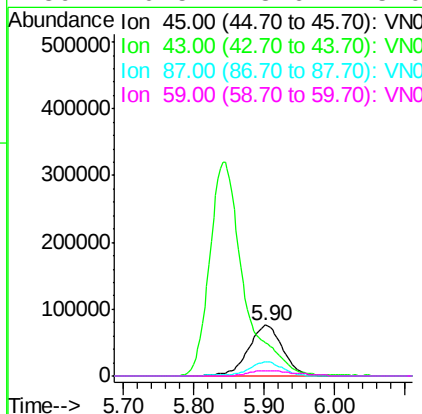
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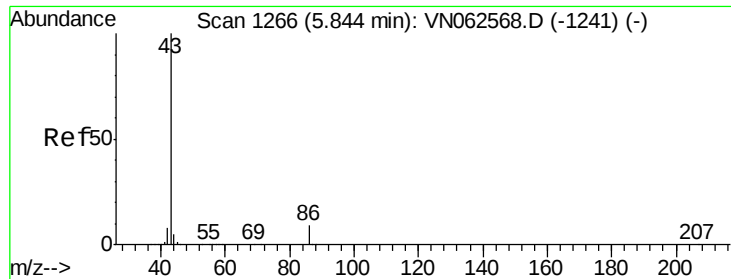
MMDadoda
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#22
Diisopropyl ether
Concen: 38.788 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN062745.D
Acq: 3 Aug 2020 19:02

Tgt Ion	Ratio	Lower	Upper
45	100		
43	63.6	48.7	73.1
87	27.9	19.0	28.6
59	10.5	8.6	13.0





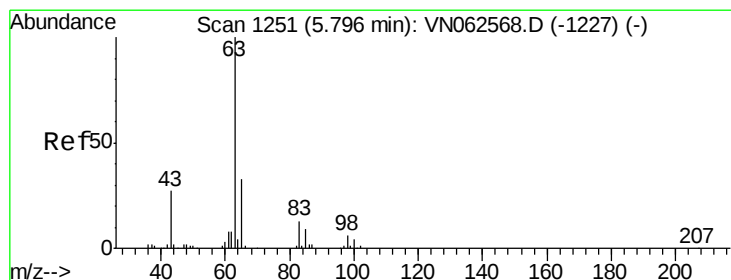
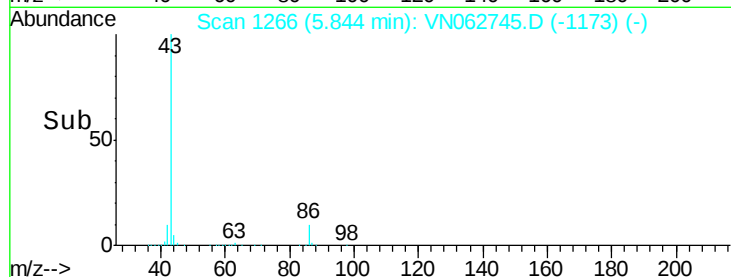
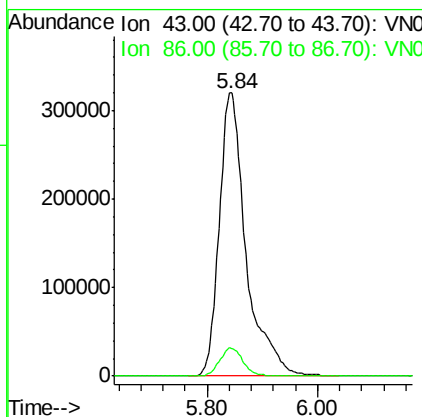
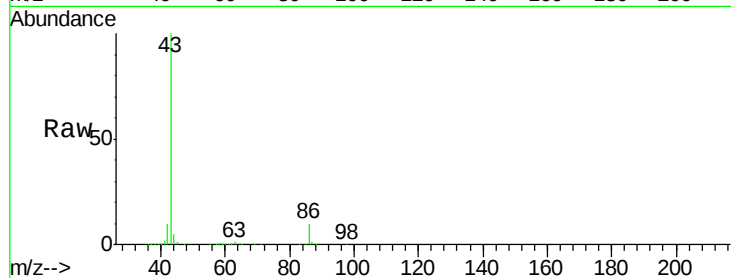
#23
 Vinyl Acetate
 Concen: 197.850 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN062745.D
 Acq: 3 Aug 2020 19:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1078217
 Ion Ratio Lower Upper
 43 100
 86 9.8 6.9 10.3

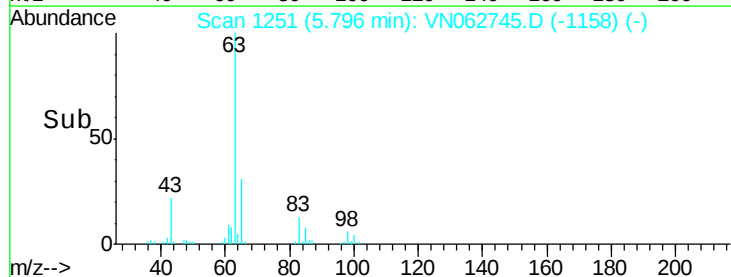
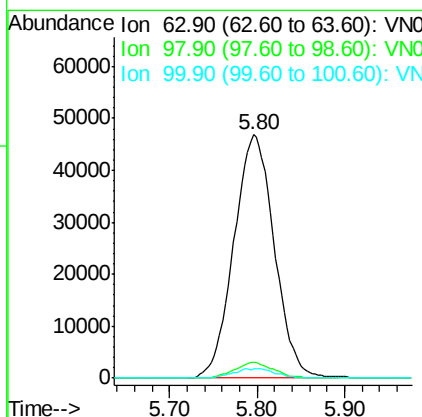
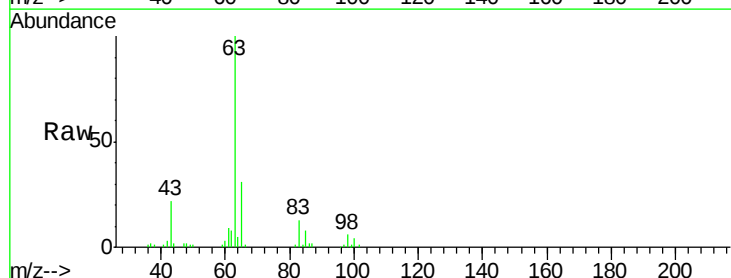
Manual Integrations
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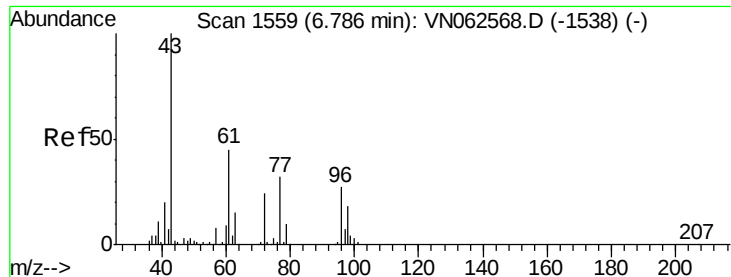
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 41.939 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062745.D
 Acq: 3 Aug 2020 19:02

Tgt Ion: 63 Resp: 150206
 Ion Ratio Lower Upper
 63 100
 98 6.4 2.9 8.8
 100 3.6 1.8 5.4





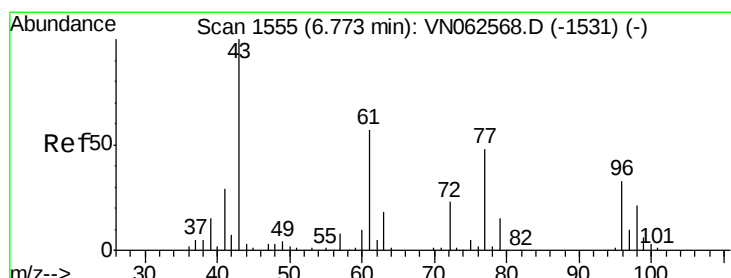
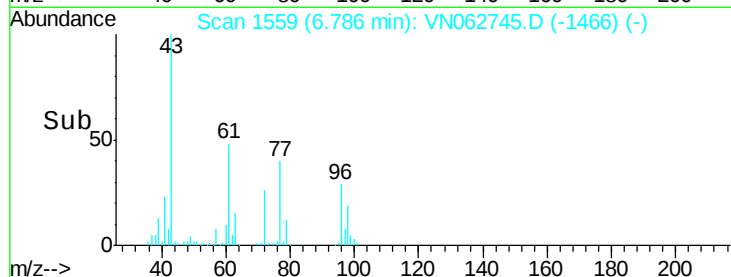
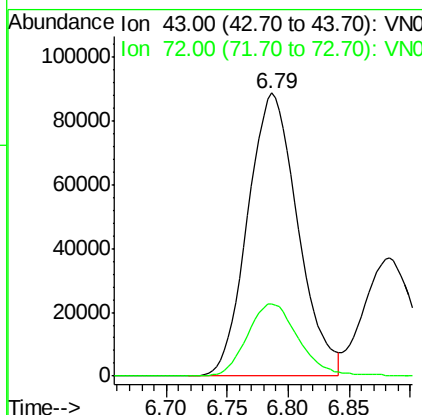
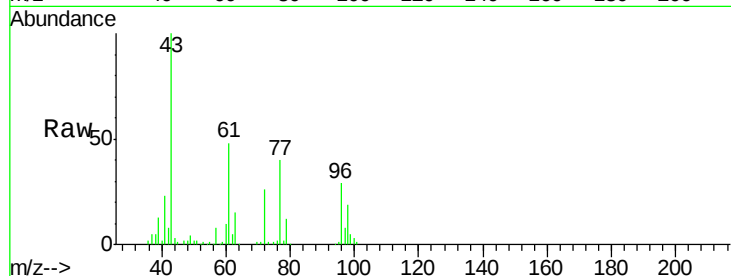
#25
2-Butanone
Concen: 196.505 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062745.D
Acq: 3 Aug 2020 19:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	252737
Ion Ratio	100	Lower	Upper
72	25.7	19.0	28.6

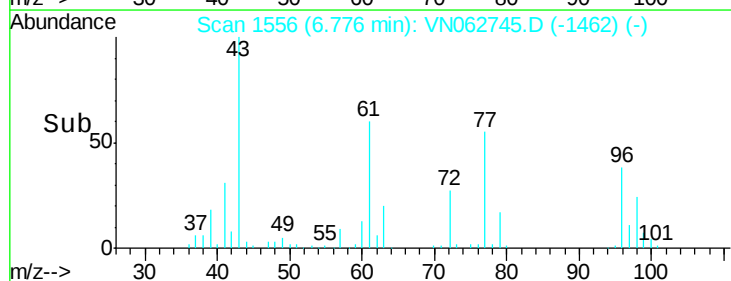
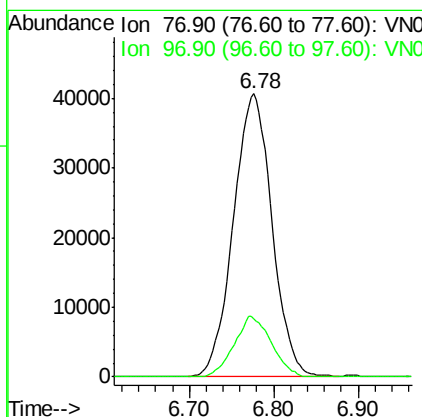
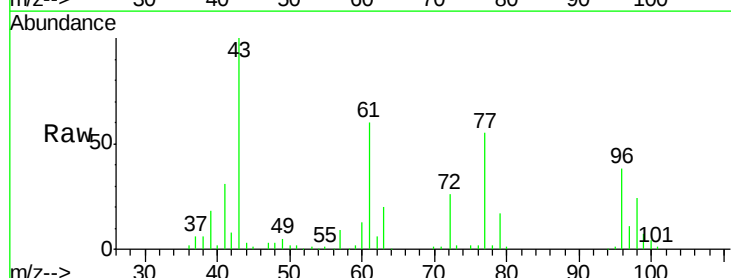
Manual Integrations
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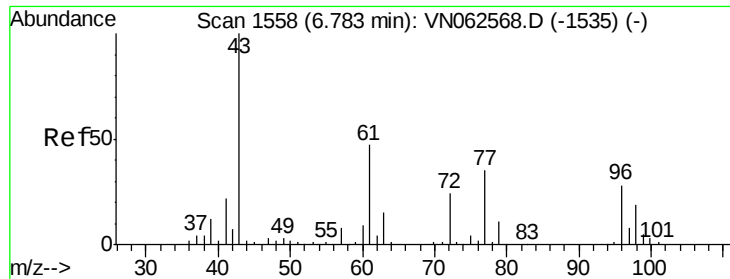
MMDadoda
8/4/2020 1:52:08 PM



#26
2,2-Dichloropropane
Concen: 44.001 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN062745.D
Acq: 3 Aug 2020 19:02

Tgt Ion	77	Resp	129368
Ion Ratio	100	Lower	Upper
97	20.5	10.8	32.4





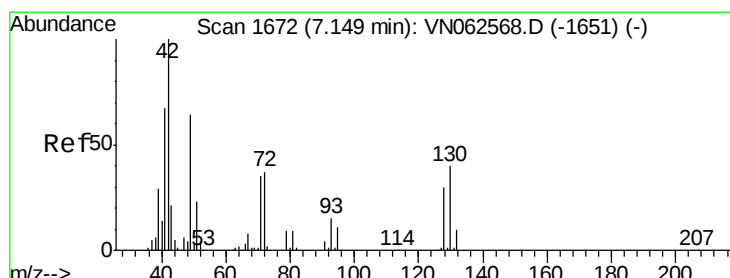
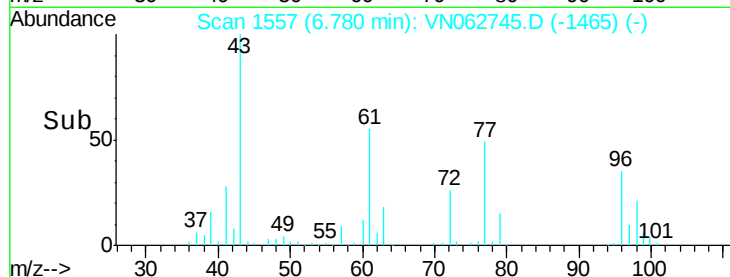
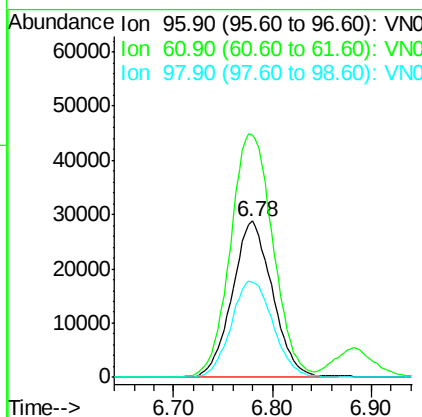
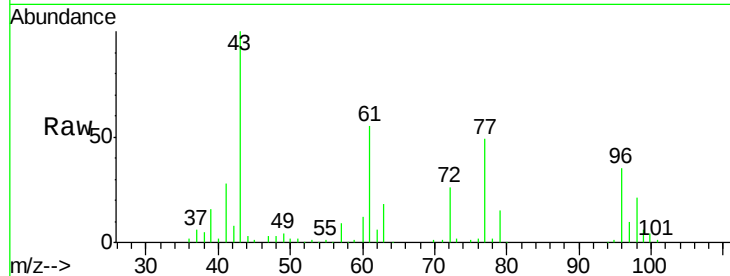
#27
 cis-1,2-Dichloroethene
 Concen: 41.649 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN062745.D
 Acq: 3 Aug 2020 19:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	164.5	0.0	332.4
98	63.9	0.0	127.4

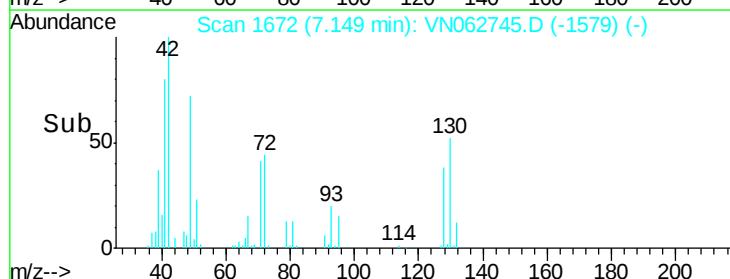
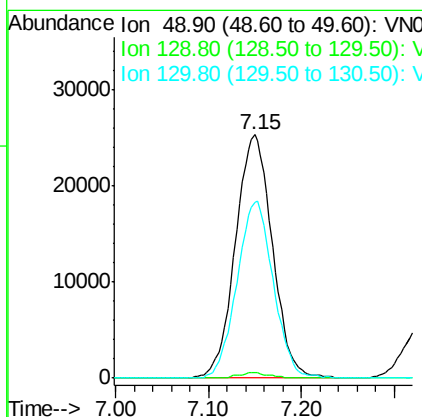
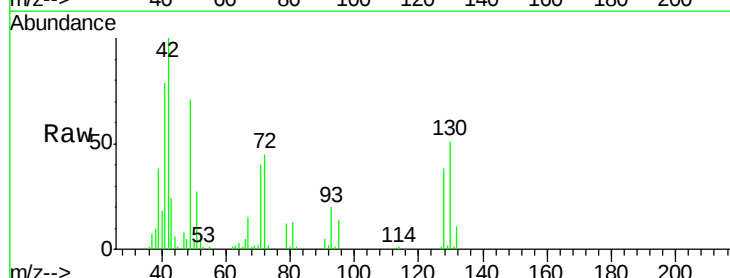
Manual Integrations
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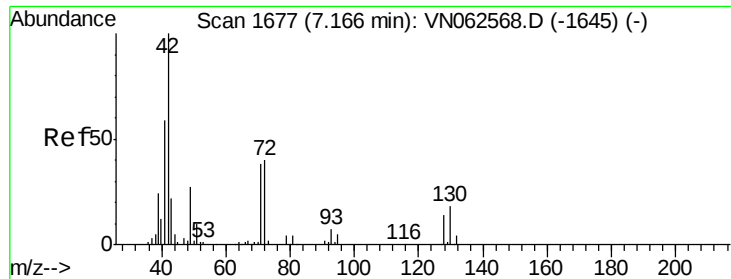
MMDadoda
 8/4/2020 1:52:08 PM



#28
 Bromochloromethane
 Concen: 39.774 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VN062745.D
 Acq: 3 Aug 2020 19:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.4
130	71.1	49.8	74.8





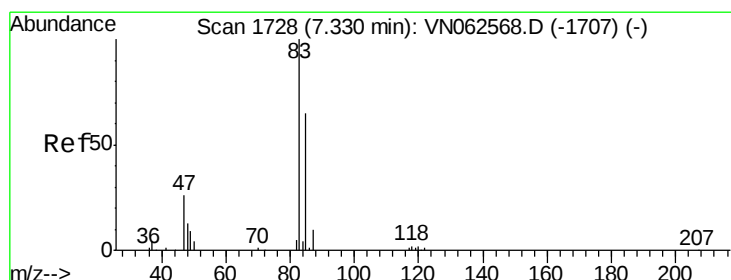
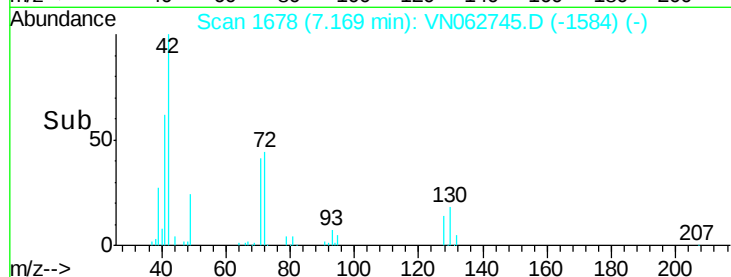
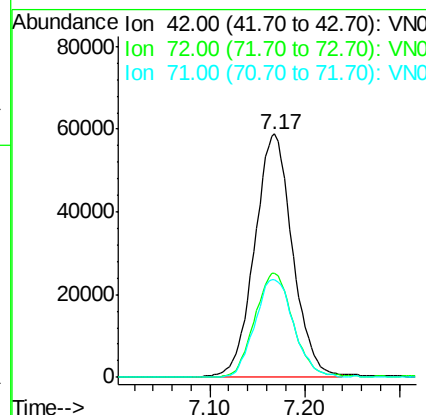
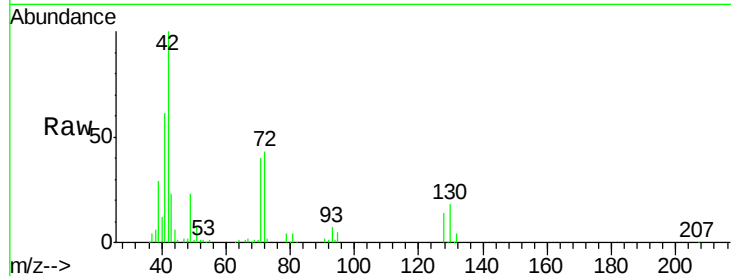
#29
Tetrahydrofuran
Concen: 188.651 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062745.D
Acq: 3 Aug 2020 19:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.5	30.7	46.1
71	41.1	29.1	43.7

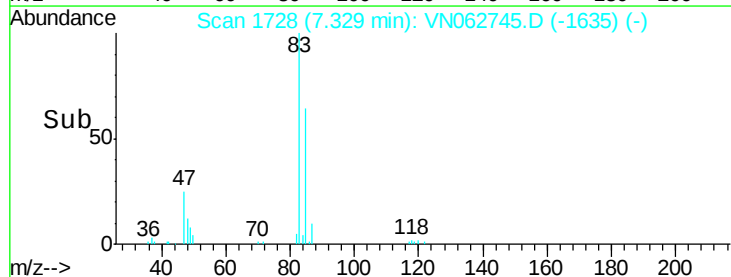
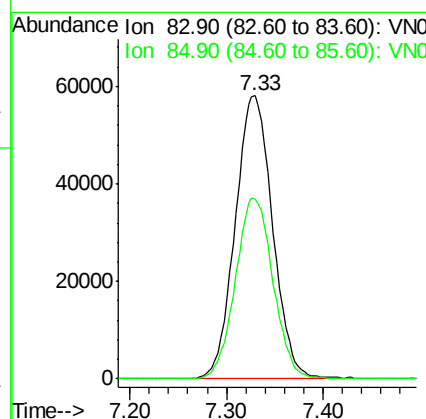
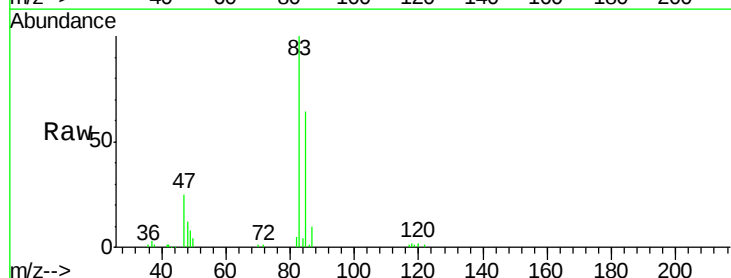
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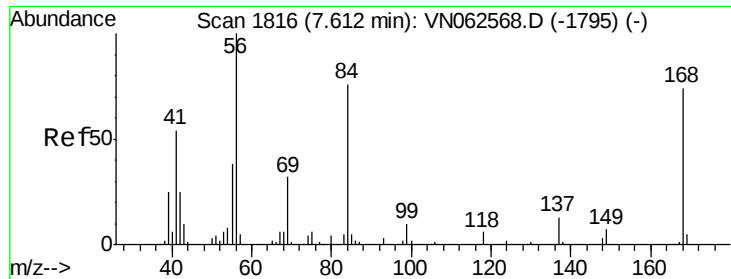
MMDadoda
8/4/2020 1:52:08 PM



#30
Chloroform
Concen: 45.786 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062745.D
Acq: 3 Aug 2020 19:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.0	78.0





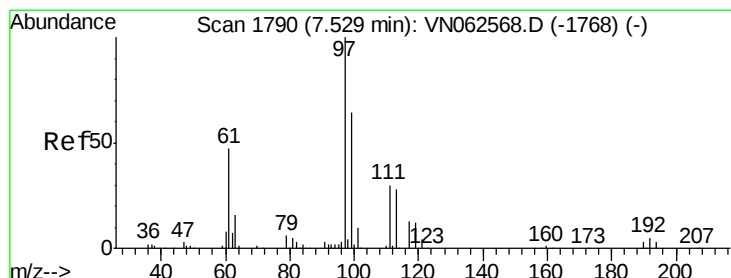
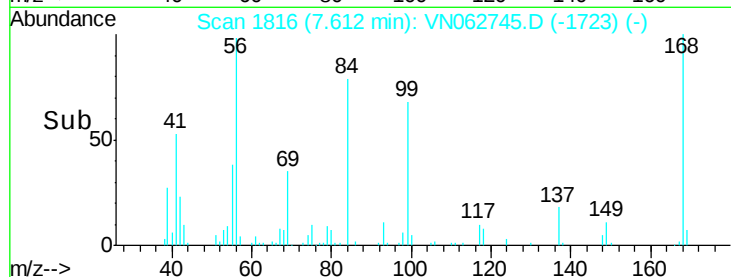
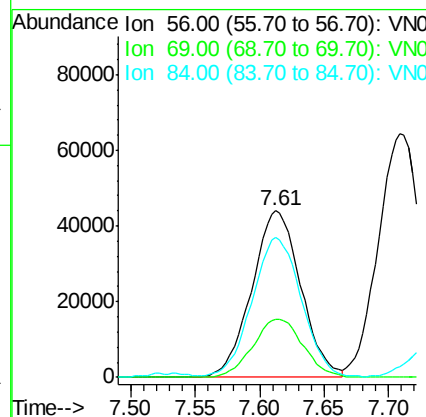
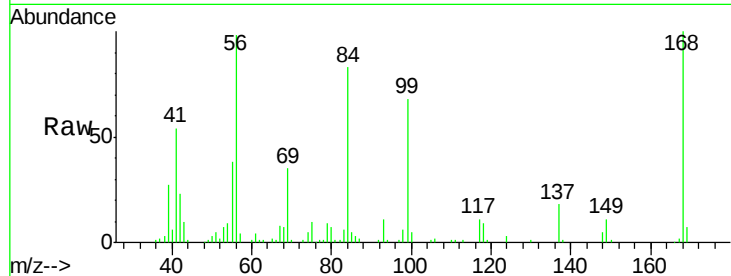
#31
Cyclohexane
Concen: 35.186 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062745.D
Acq: 3 Aug 2020 19:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.0	25.3	37.9
84	83.0	61.0	91.4

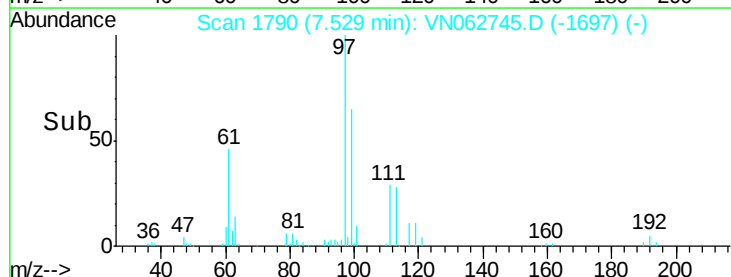
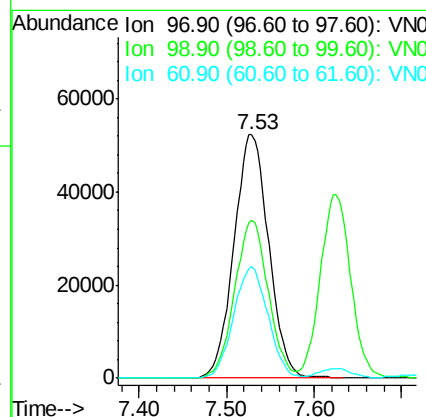
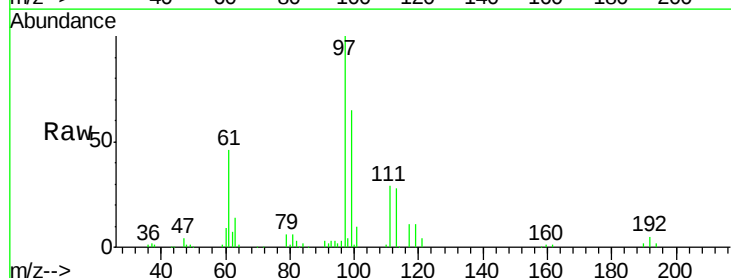
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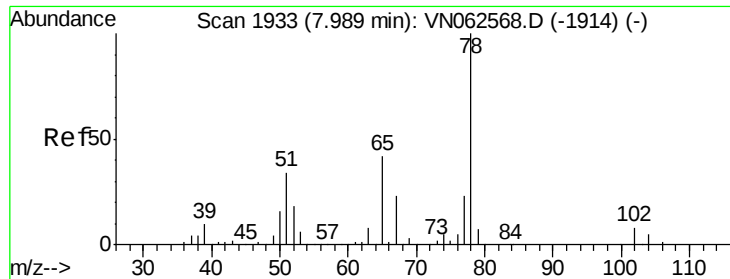
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 50.734 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062745.D
Acq: 3 Aug 2020 19:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.9	51.2	76.8
61	45.1	38.4	57.6





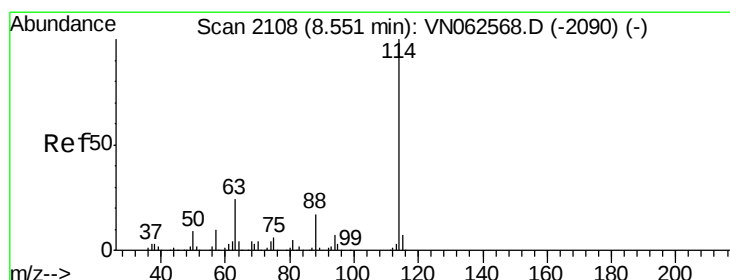
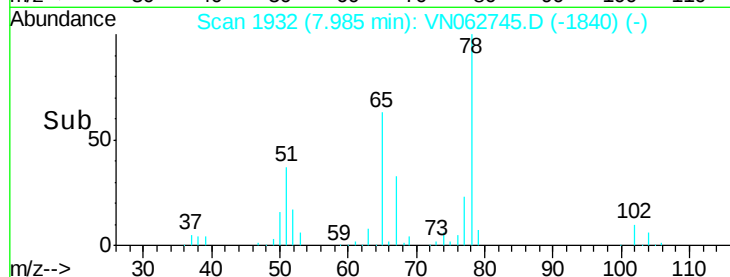
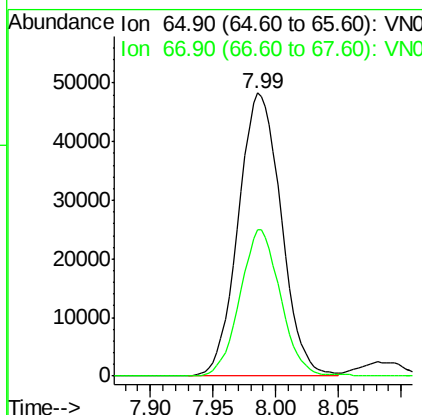
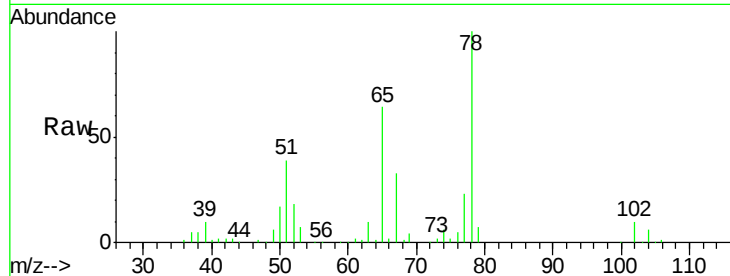
#33
 1,2-Dichloroethane-d4
 Concen: 51.188 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062745.D
 Acq: 3 Aug 2020 19:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	48.9	0.0	106.0	

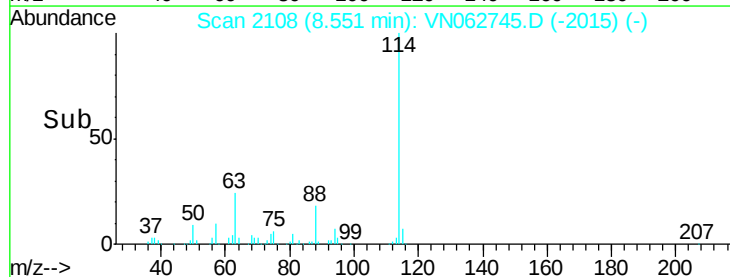
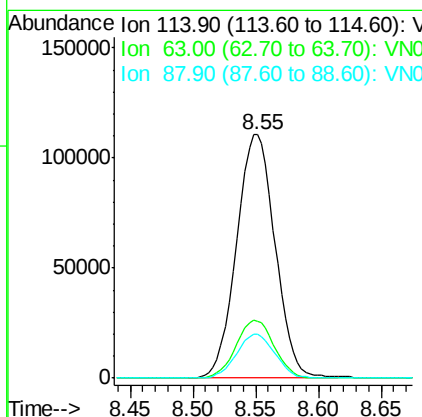
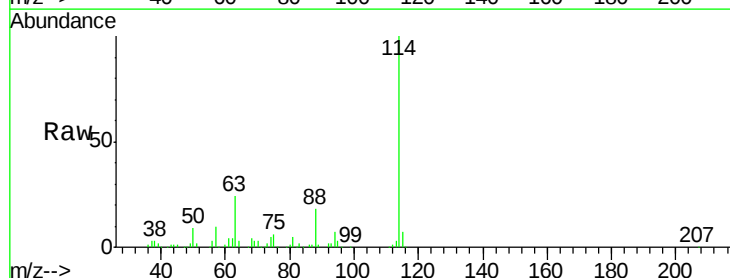
Manual Integrations
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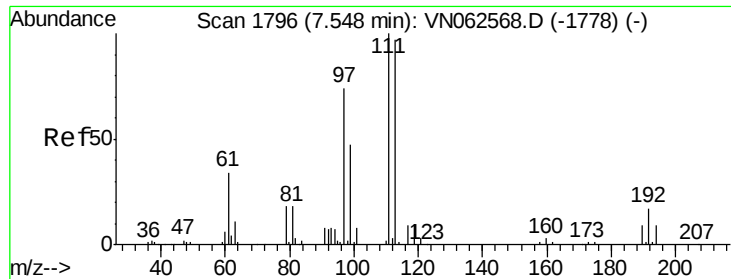
MMDadoda
 8/4/2020 1:52:08 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062745.D
 Acq: 3 Aug 2020 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	23.6	0.0	48.4	
88	18.0	0.0	33.8	





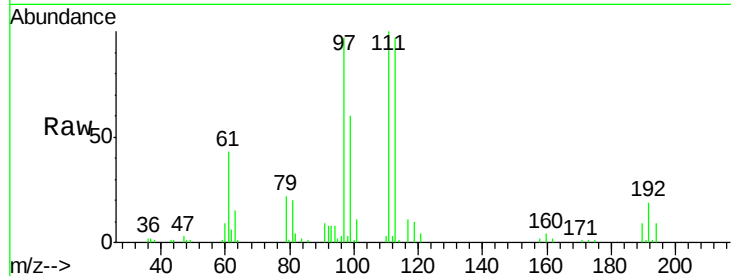
#35
 Dibromofluoromethane
 Concen: 48.786 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062745.D
 Acq: 3 Aug 2020 19:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.7	124.1
192	18.7	14.8	22.2

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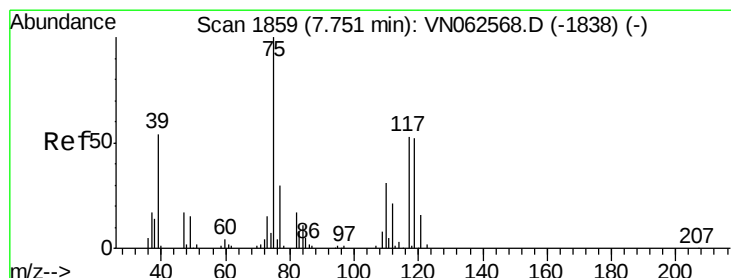
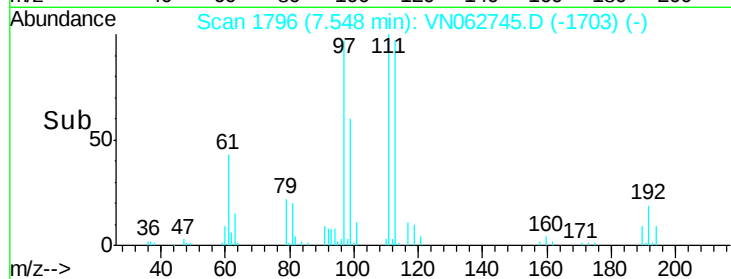
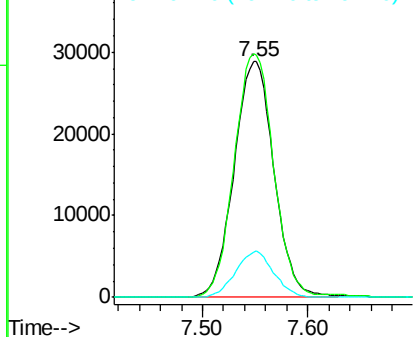


Abundance

Ion 112.80 (112.50 to 113.50): V

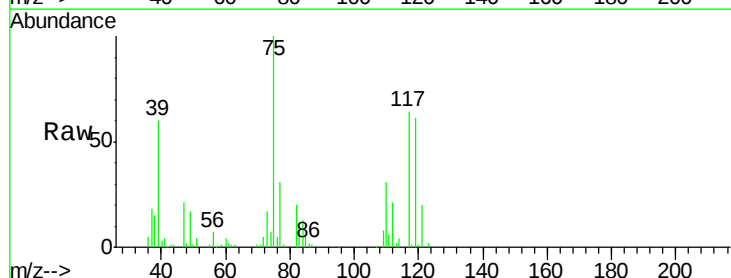
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 43.865 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062745.D
 Acq: 3 Aug 2020 19:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.3	16.0	48.0
77	30.6	24.6	36.8

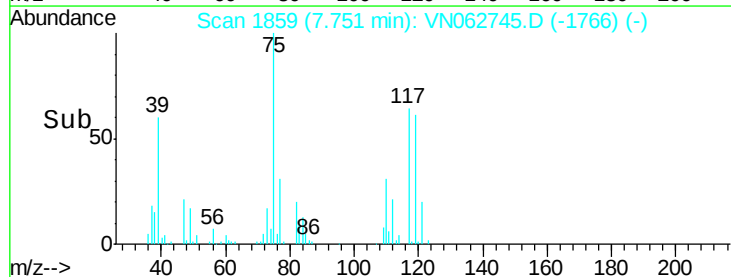
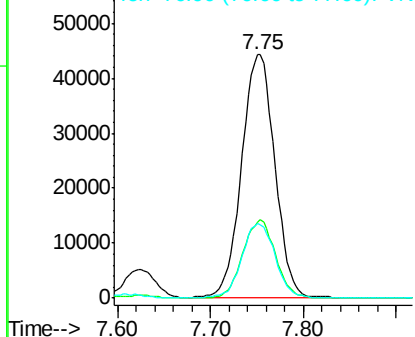


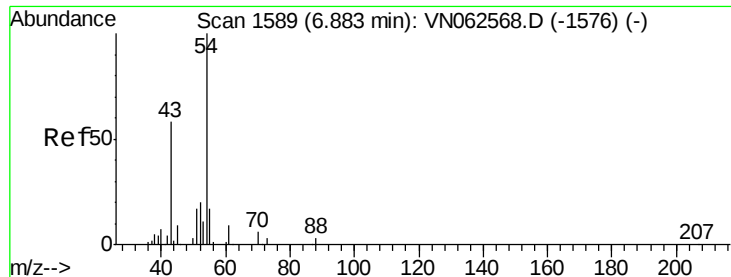
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





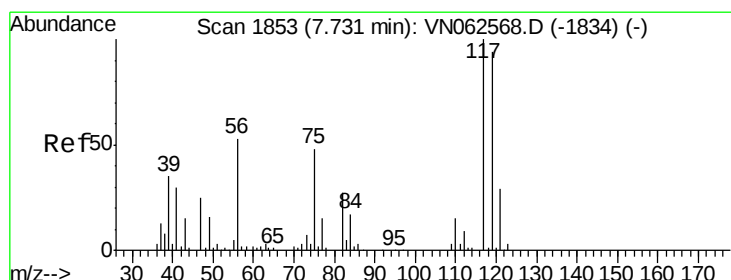
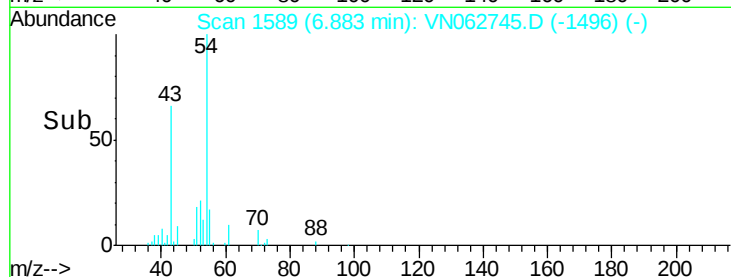
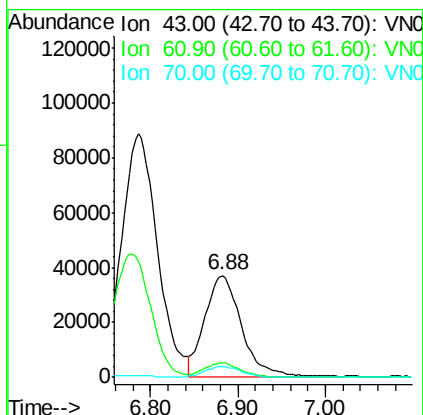
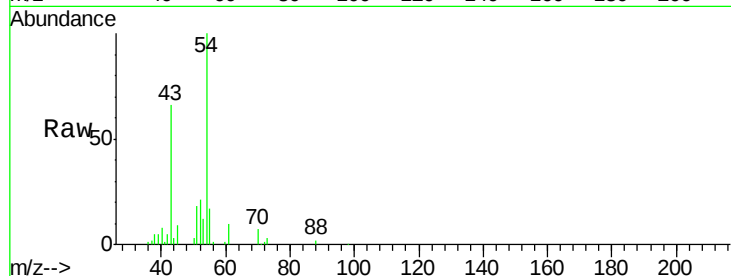
#37
Ethyl Acetate
Concen: 39.567 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062745.D
Acq: 3 Aug 2020 19:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.3	16.9
70	10.6	7.7	11.5

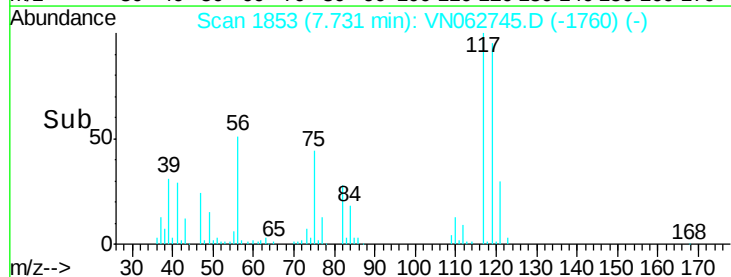
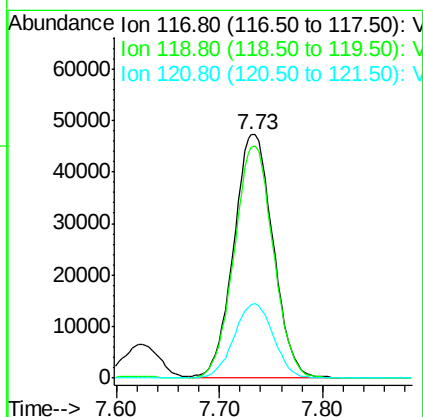
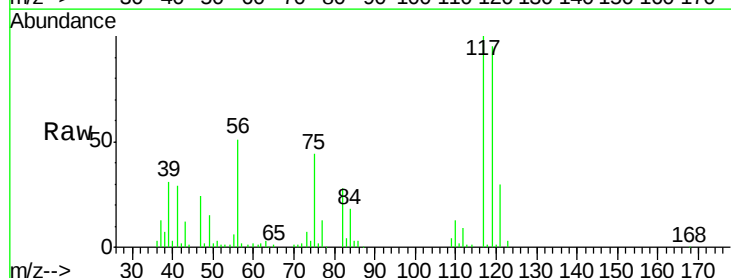
Manual Integrations
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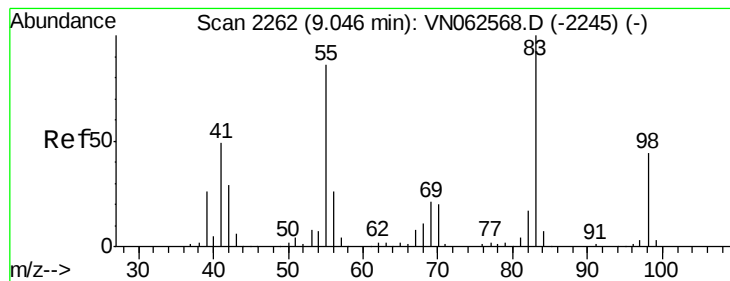
MMDadoda
8/4/2020 1:52:08 PM



#38
Carbon Tetrachloride
Concen: 51.821 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062745.D
Acq: 3 Aug 2020 19:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	74.8	112.2
121	30.3	23.0	34.6





#39

Methvlcvclohexane

Concen: 42.754 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VN062745.D

Acq: 3 Aug 2020 19:02

Instrument :

MSVOA_N

ClientSampleId :

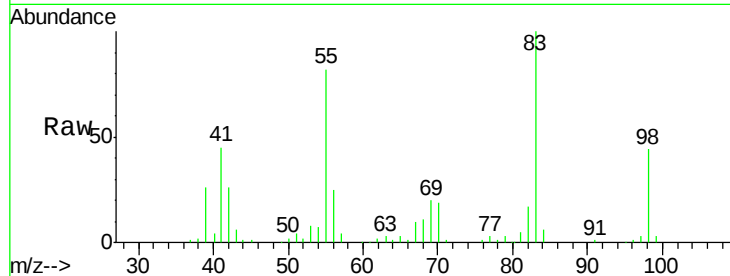
VSTDCCC050EC

Tot Ion: 83 Resp: 116105

Ion	Ratio	Lower	Upper
83	100		
55	82.3	68.9	103.3
98	43.9	35.1	52.7

Manual Integrations
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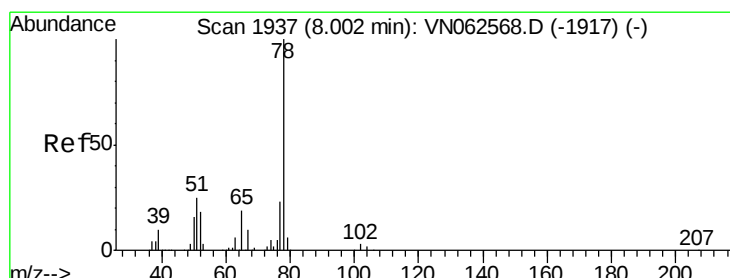
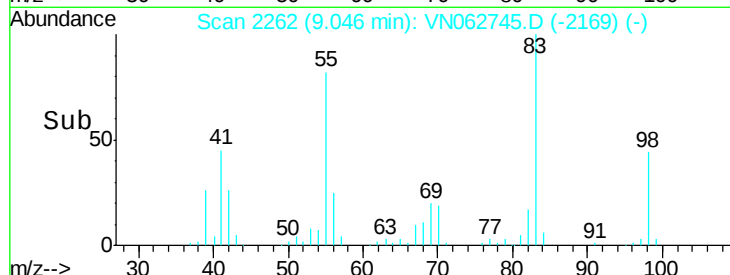
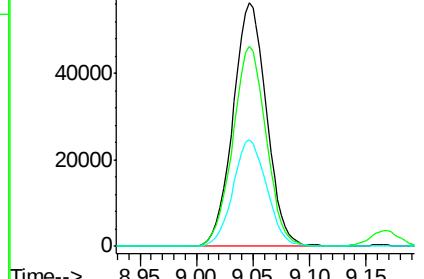
MMDadoda
8/4/2020 1:52:08 PM



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40

Benzene

Concen: 41.752 ug/l

RT: 8.00 min Scan# 1937

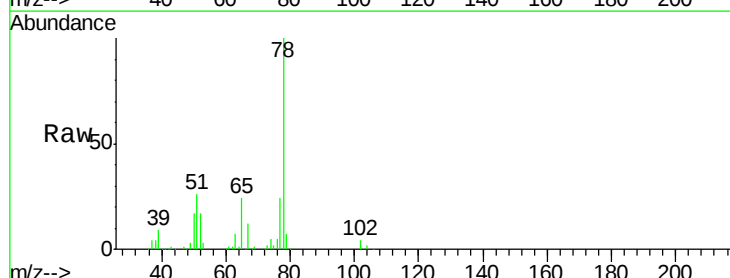
Delta R.T. -0.00 min

Lab File: VN062745.D

Acq: 3 Aug 2020 19:02

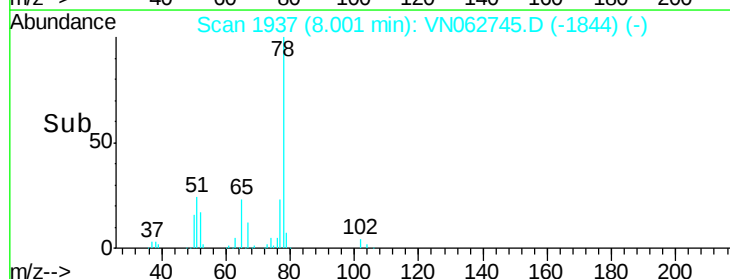
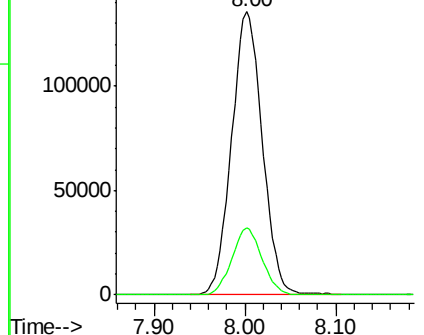
Tgt Ion: 78 Resp: 318886

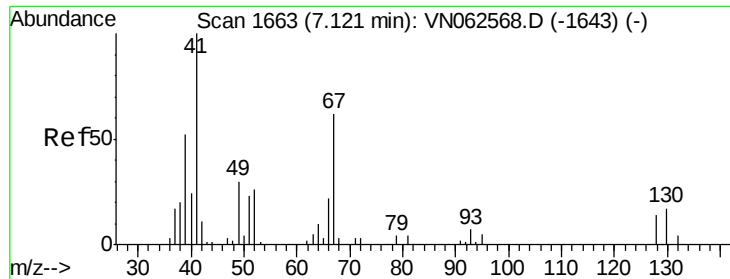
Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.7	28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





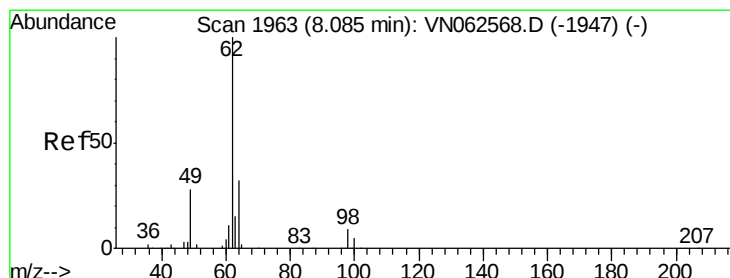
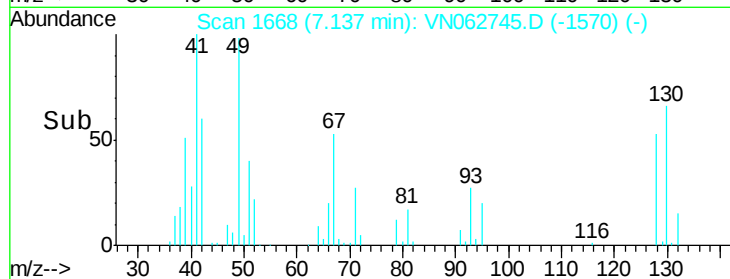
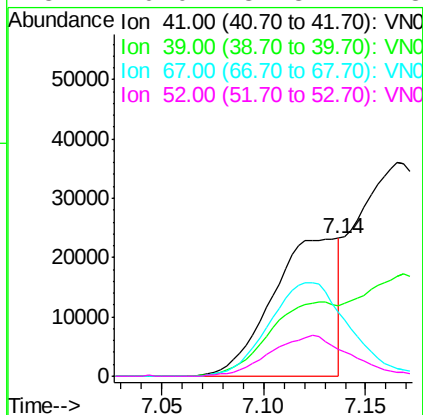
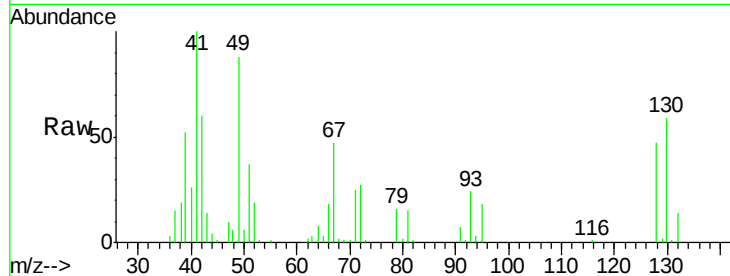
#41
Methacrylonitrile
Concen: 45.009 ug/l m
RT: 7.14 min Scan# 1668
Delta R.T. 0.02 min
Lab File: VN062745.D
Acq: 3 Aug 2020 19:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	55.8	83.6#
67	0.0	72.5	108.7#
52	0.0	31.8	47.8#

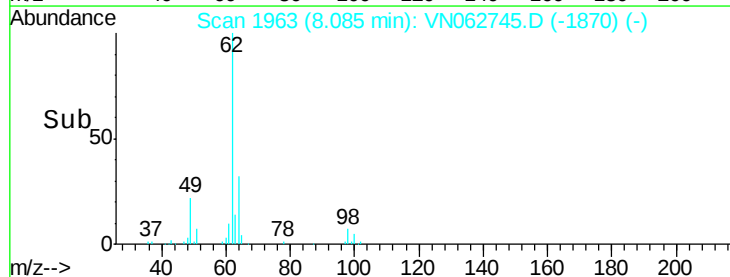
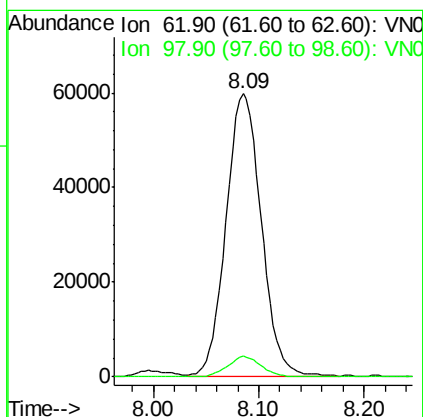
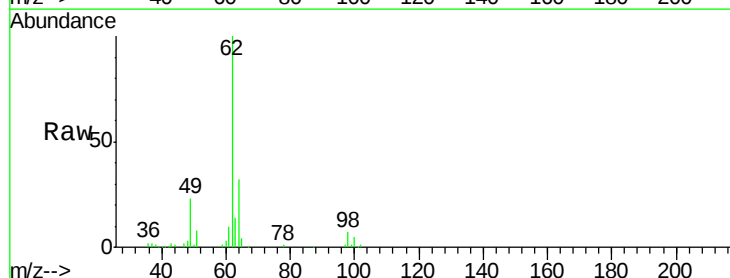
Manual Integrations
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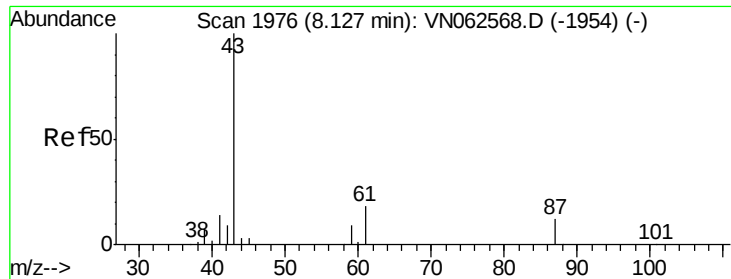
MMDadoda
8/4/2020 1:52:08 PM



#42
1,2-Dichloroethane
Concen: 49.479 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062745.D
Acq: 3 Aug 2020 19:02

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.0	0.0	16.2





#43

Isopropyl Acetate

Concen: 41.490 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062745.D

Acq: 3 Aug 2020 19:02

Instrument :

MSVOA_N

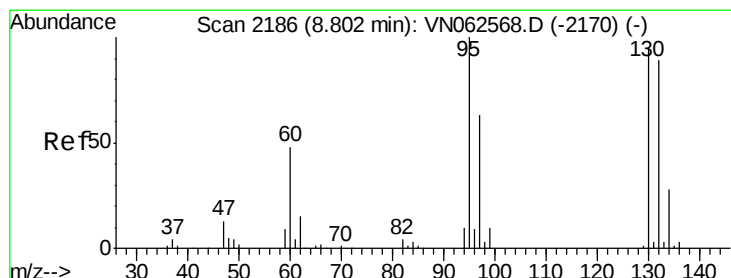
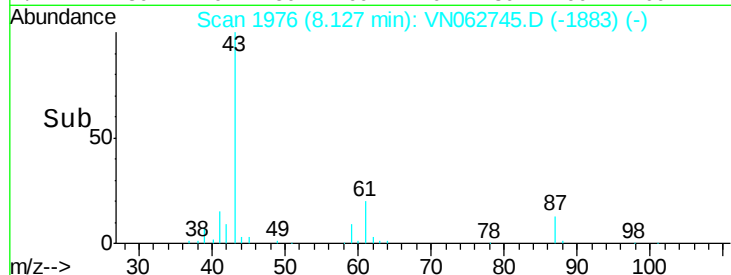
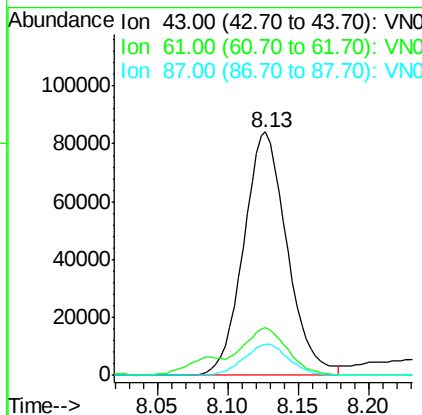
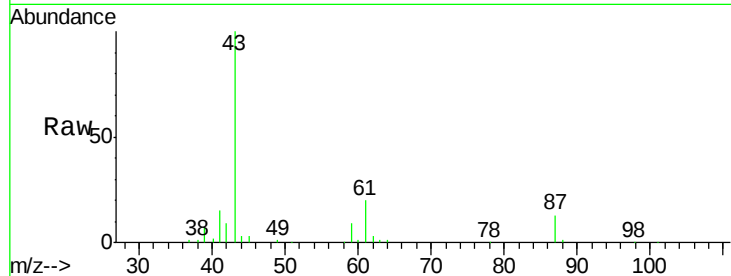
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	181886
Ion	Ratio	Lower	Upper
43	100		
61	20.3	20.8	31.2#
87	13.0	9.2	13.8

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#44

Trichloroethene

Concen: 43.824 ug/l

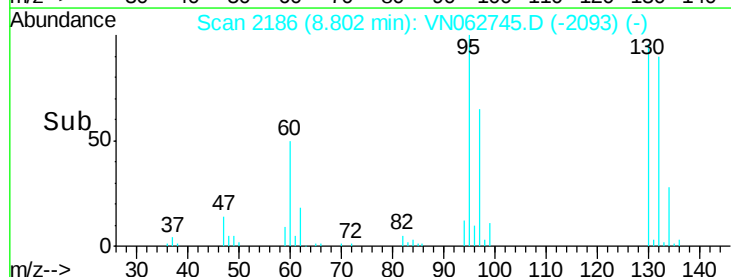
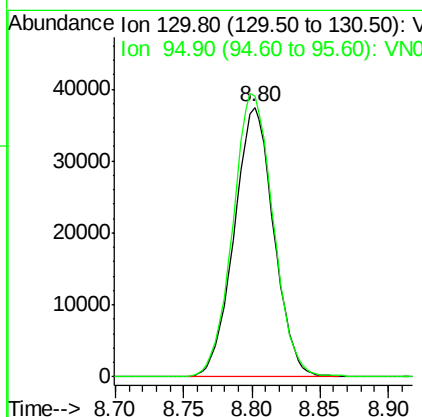
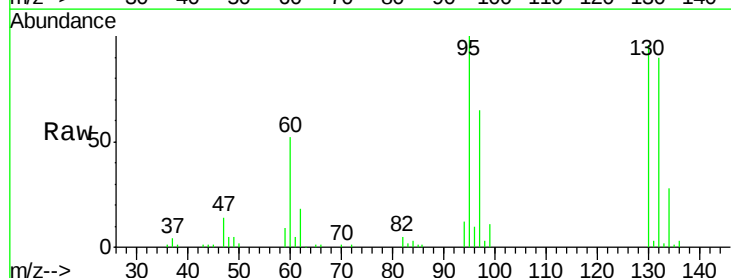
RT: 8.80 min Scan# 2186

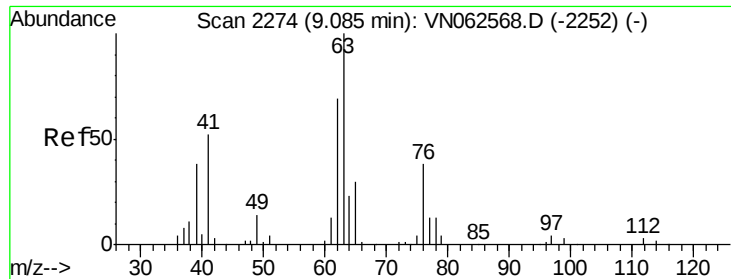
Delta R.T. -0.00 min

Lab File: VN062745.D

Acq: 3 Aug 2020 19:02

Tgt Ion:	130	Resp:	75481
Ion	Ratio	Lower	Upper
130	100		
95	104.2	0.0	210.4





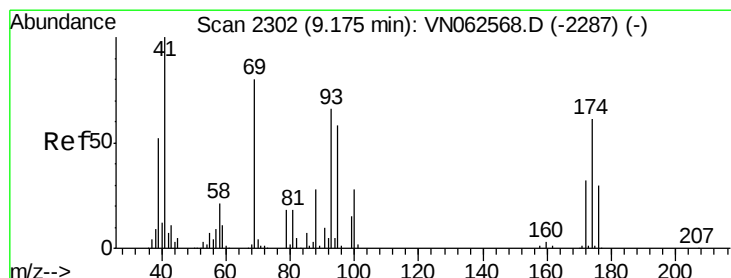
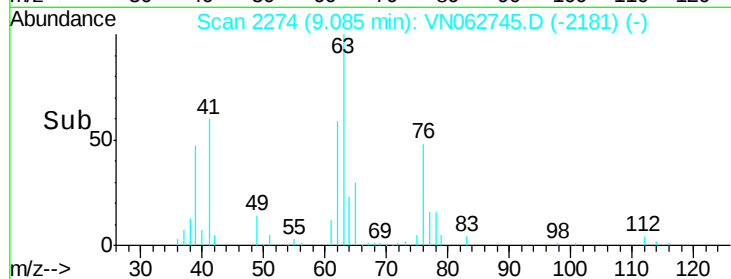
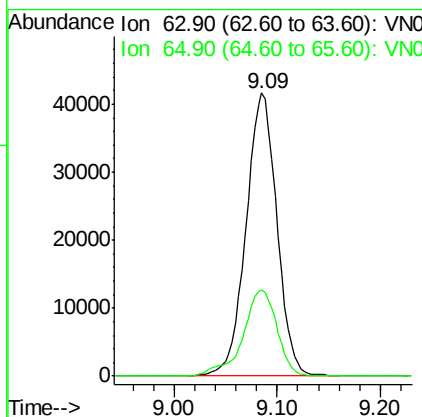
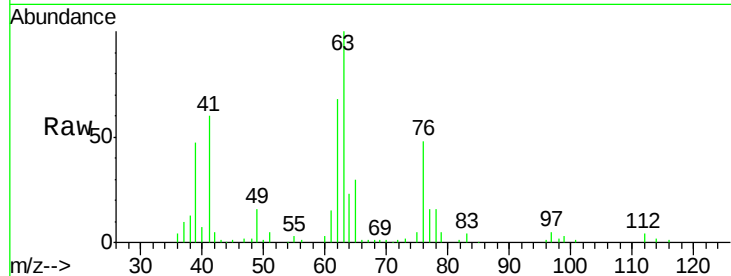
#45
 1,2-Dichloropropane
 Concen: 40.330 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062745.D
 Acq: 3 Aug 2020 19:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 86483
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.4 36.6

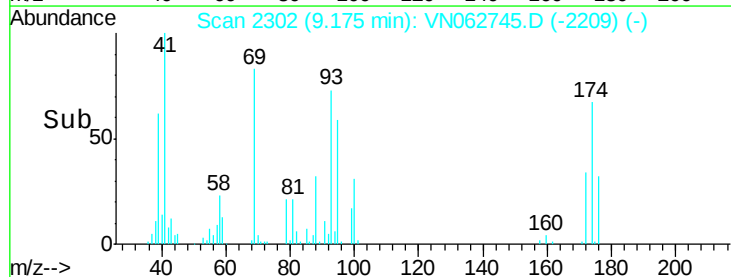
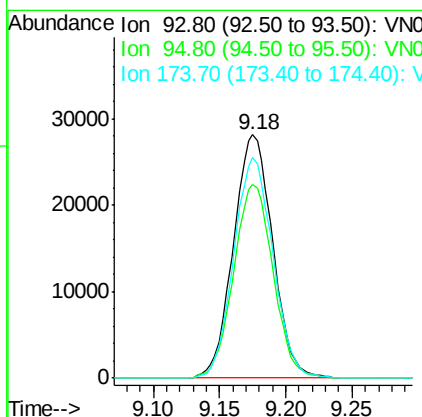
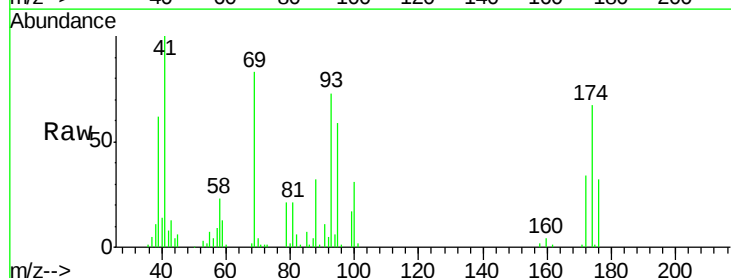
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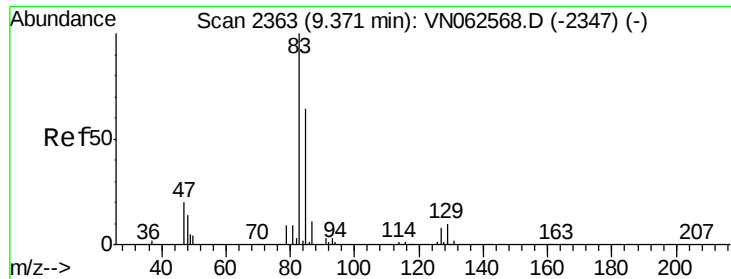
MMDadoda
 8/4/2020 1:52:08 PM



#46
 Dibromomethane
 Concen: 46.700 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062745.D
 Acq: 3 Aug 2020 19:02

Tgt Ion: 93 Resp: 57880
 Ion Ratio Lower Upper
 93 100
 95 80.0 67.6 101.4
 174 90.8 72.5 108.7





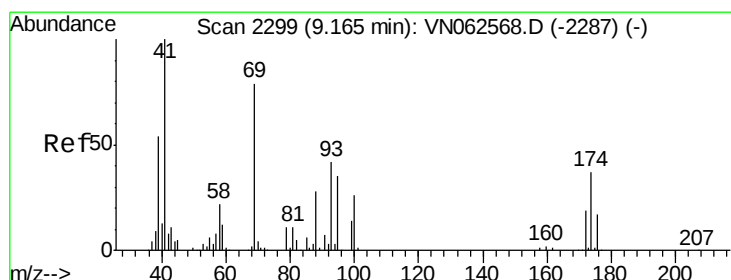
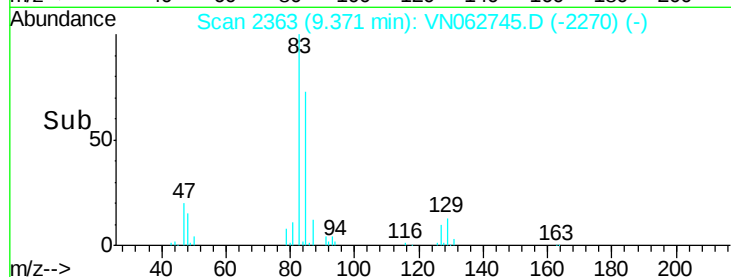
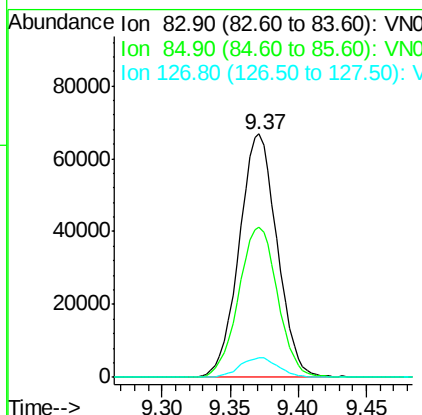
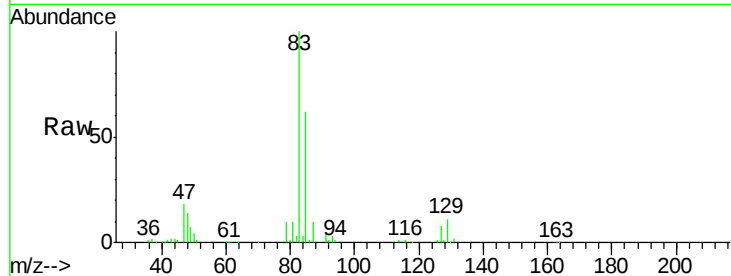
#47
Bromodichloromethane
Concen: 48.101 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN062745.D
Acq: 3 Aug 2020 19:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	61.8	51.6	77.4
127	8.2	6.2	9.2

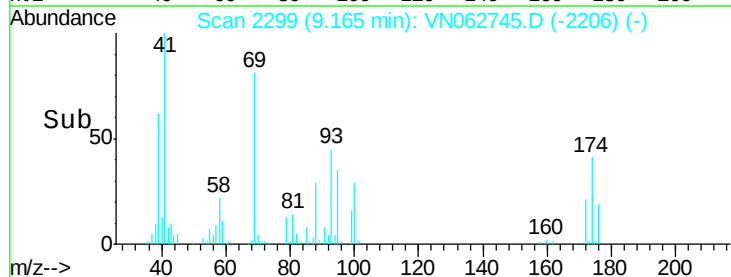
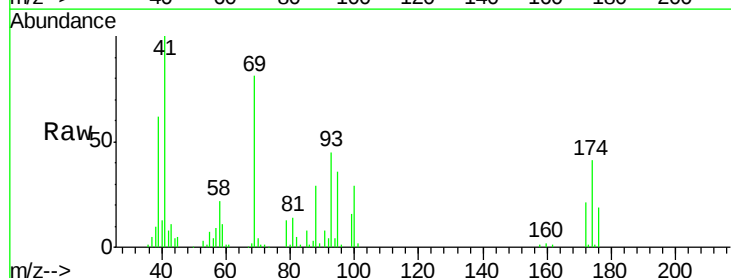
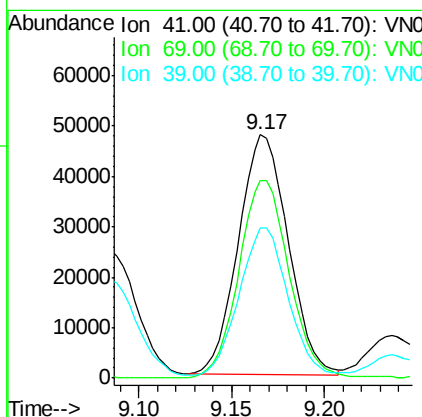
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#48
Methyl methacrylate
Concen: 42.838 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062745.D
Acq: 3 Aug 2020 19:02

Tgt Ion	Ratio	Lower	Upper
41	100		
69	83.4	64.4	96.6
39	62.0	43.5	65.3





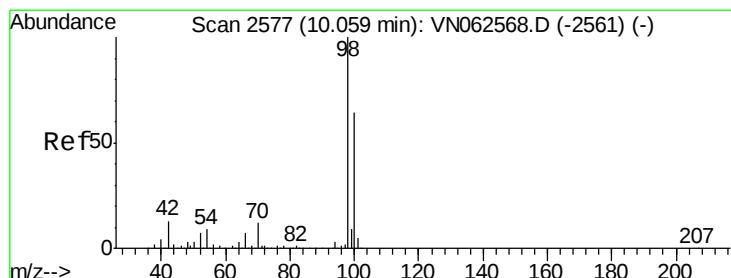
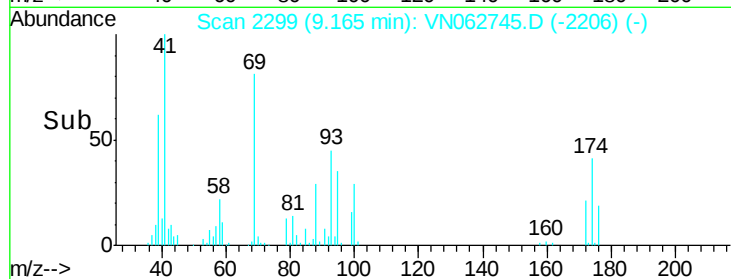
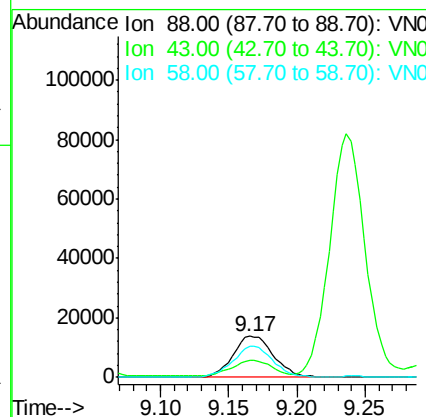
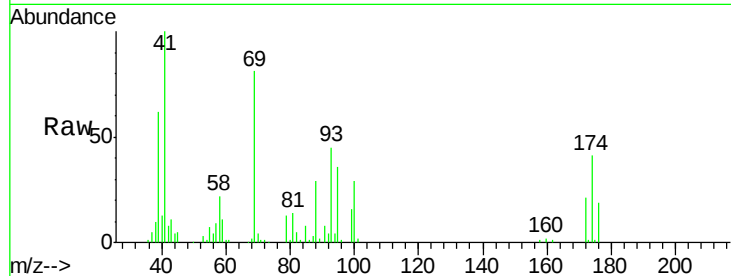
#49
1,4-Dioxane
Concen: 901.891 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062745.D
Acq: 3 Aug 2020 19:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.9	32.0	48.0
58	74.2	62.8	94.2

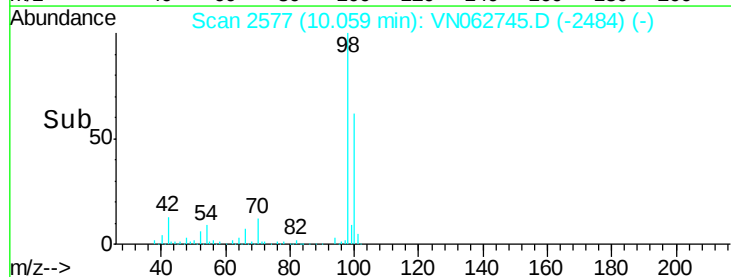
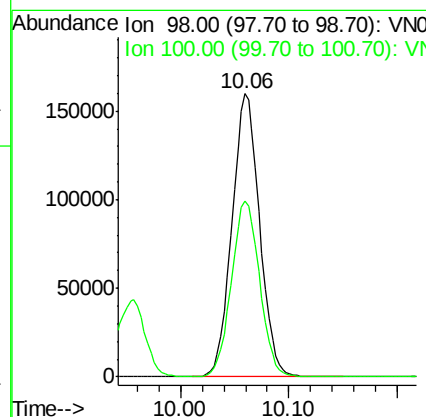
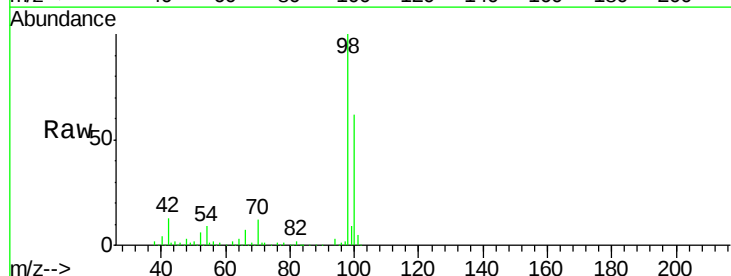
Manual Integrations
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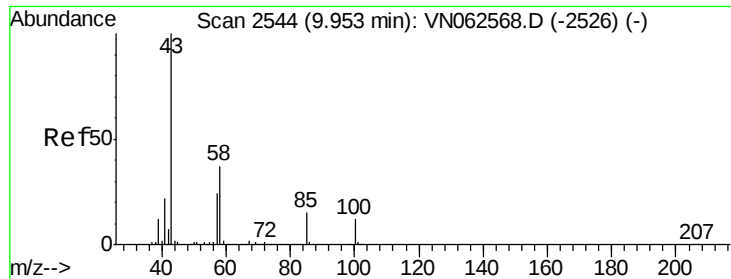
MMDadoda
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#50
Toluene-d8
Concen: 45.930 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062745.D
Acq: 3 Aug 2020 19:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 210.112 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062745.D

Acq: 3 Aug 2020 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 551136

Ion Ratio Lower Upper

43 100

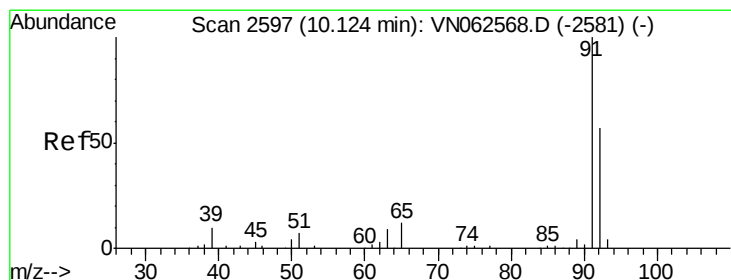
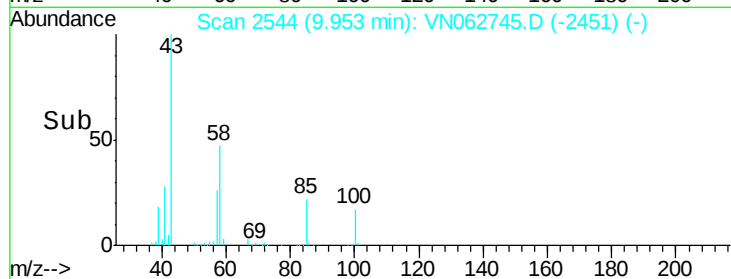
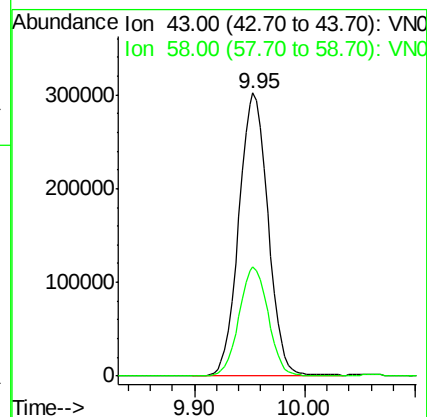
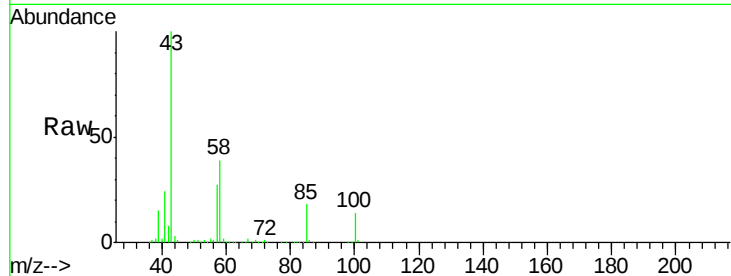
58 38.6 29.8 44.6

Manual Integrations

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#52

Toluene

Concen: 44.293 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062745.D

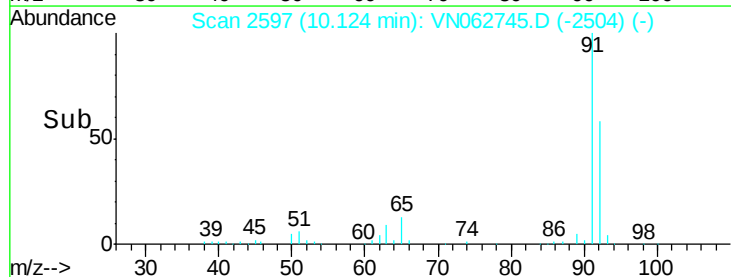
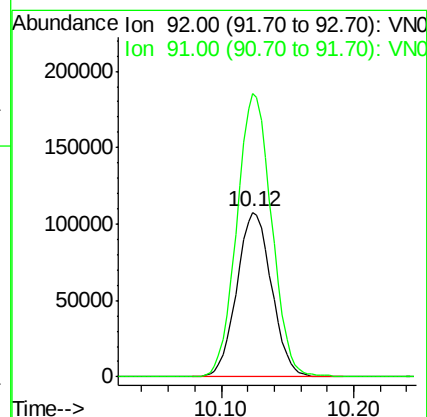
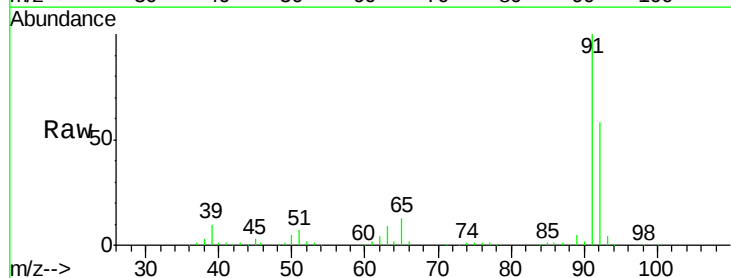
Acq: 3 Aug 2020 19:02

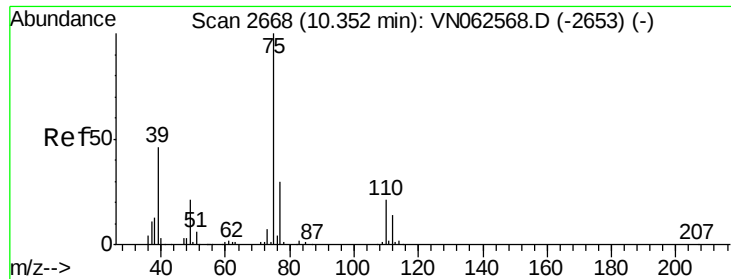
Tgt Ion: 92 Resp: 196436

Ion Ratio Lower Upper

92 100

91 172.1 139.4 209.2





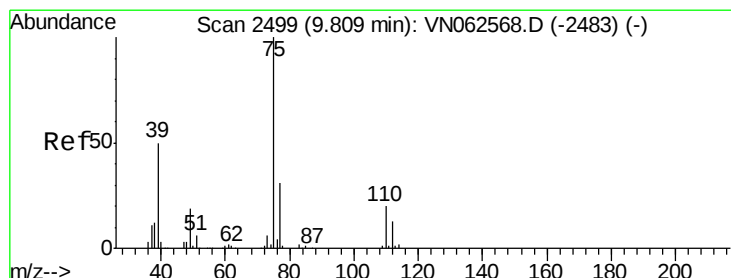
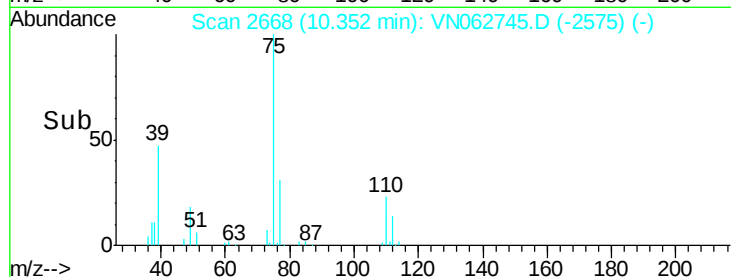
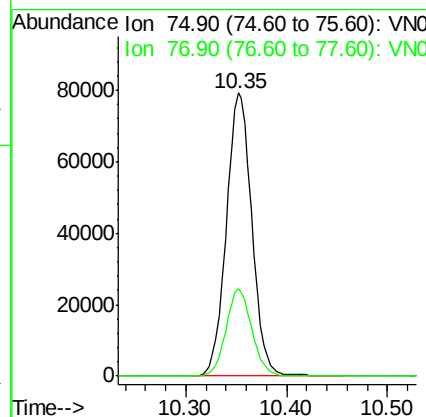
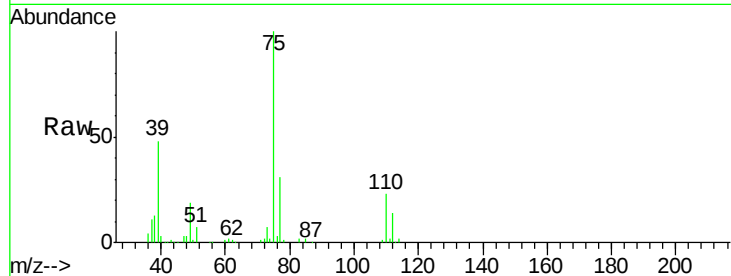
#53
t-1,3-Dichloropropene
Concen: 46.800 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062745.D
Acq: 3 Aug 2020 19:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.3	36.5

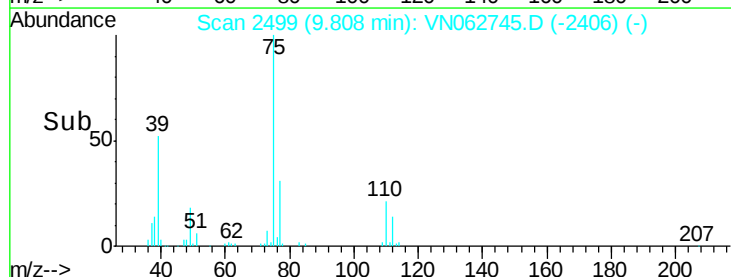
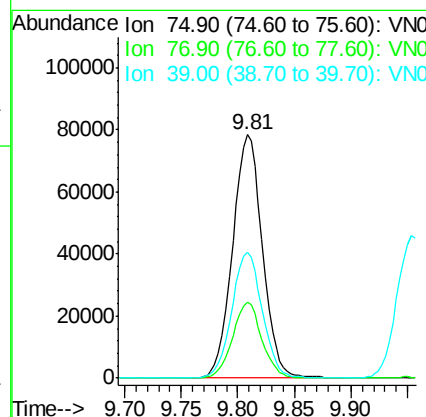
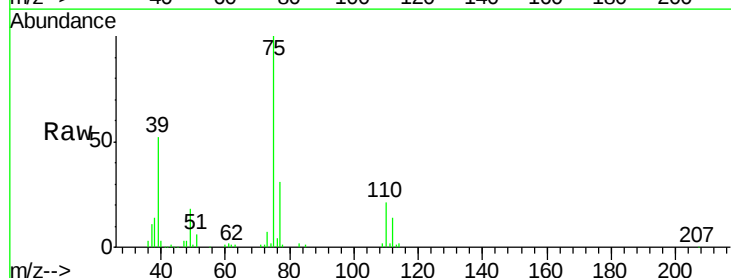
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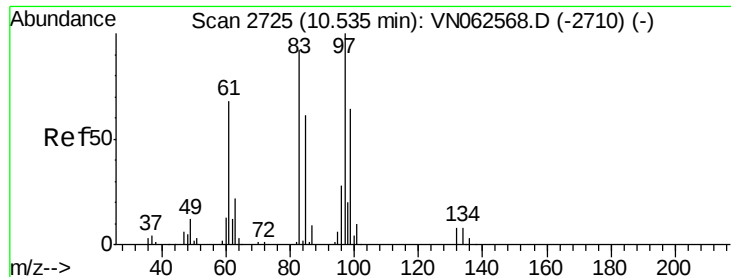
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#54
cis-1,3-Dichloropropene
Concen: 44.853 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062745.D
Acq: 3 Aug 2020 19:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.0	37.6
39	51.6	39.8	59.8





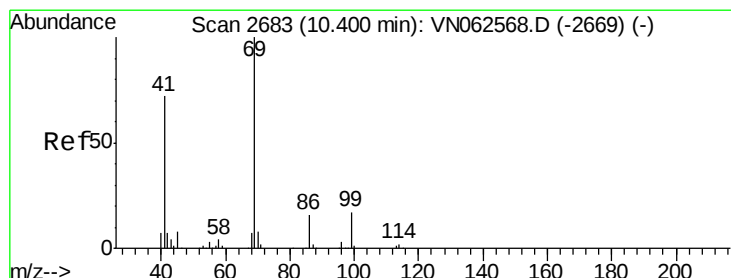
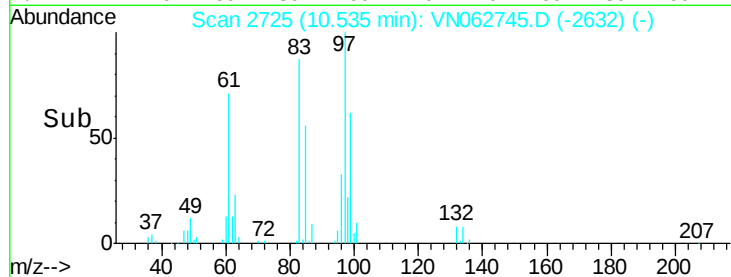
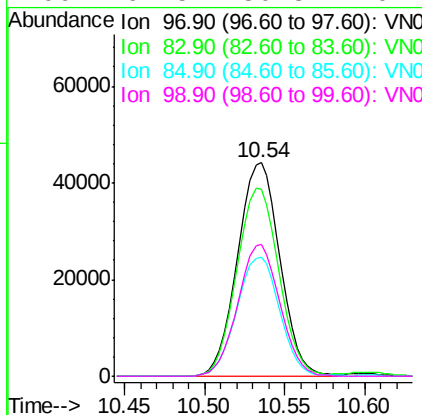
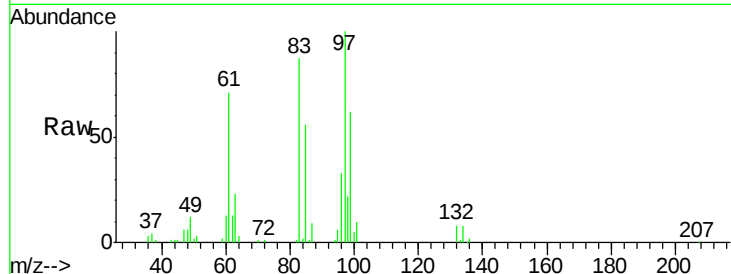
#55
 1,1,2-Trichloroethane
 Concen: 46.423 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062745.D
 Acq: 3 Aug 2020 19:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	79859
Ion	Ratio	Lower	Upper
97	100		
83	87.4	73.7	110.5
85	55.7	48.5	72.7
99	61.5	50.8	76.2

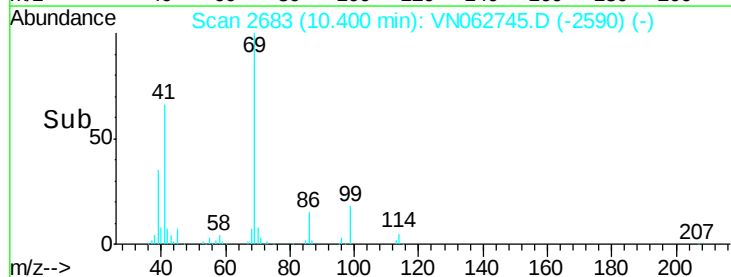
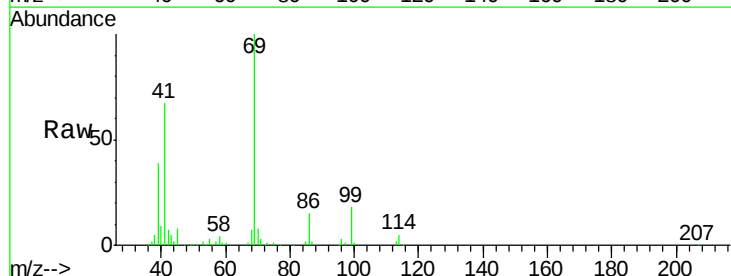
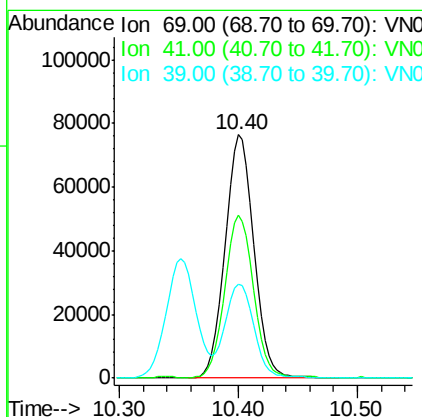
Manual Integrations
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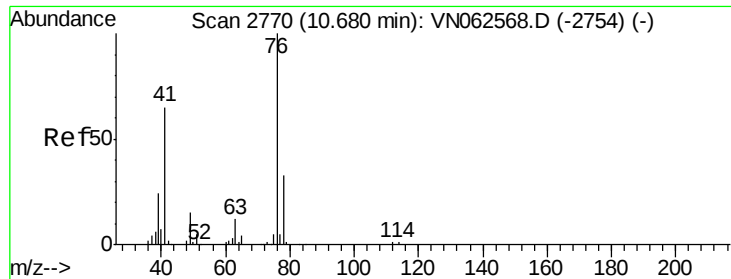
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 8/4/2020 1:52:08 PM



#56
 Ethyl methacrylate
 Concen: 41.721 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062745.D
 Acq: 3 Aug 2020 19:02

Tgt Ion:	69	Resp:	127935
Ion	Ratio	Lower	Upper
69	100		
41	66.2	57.2	85.8
39	38.7	28.6	43.0





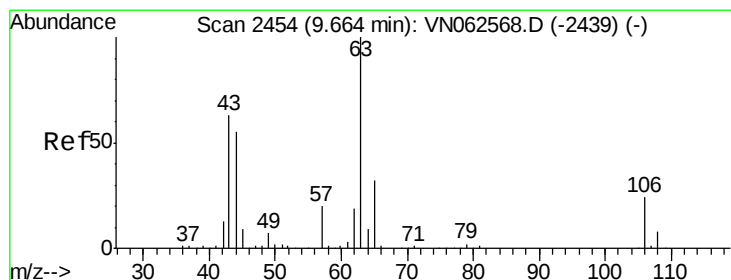
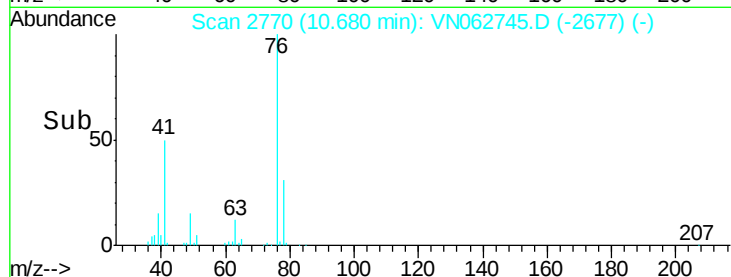
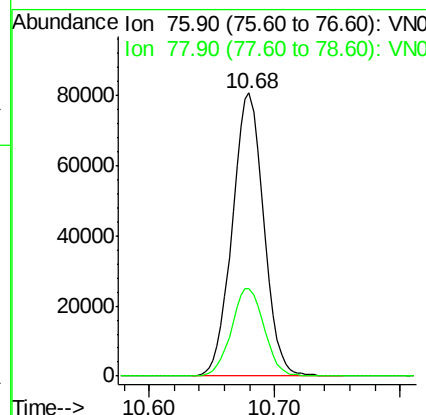
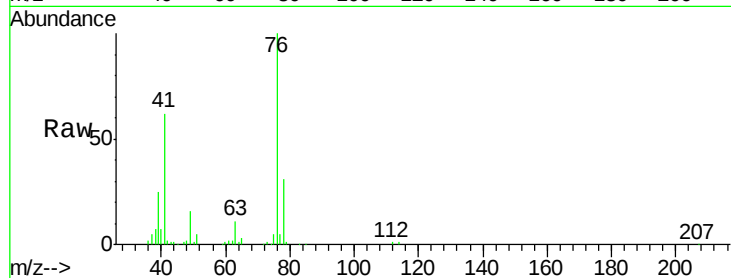
#57
 1,3-Dichloropropane
 Concen: 44.559 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062745.D
 Acq: 3 Aug 2020 19:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.3	39.5

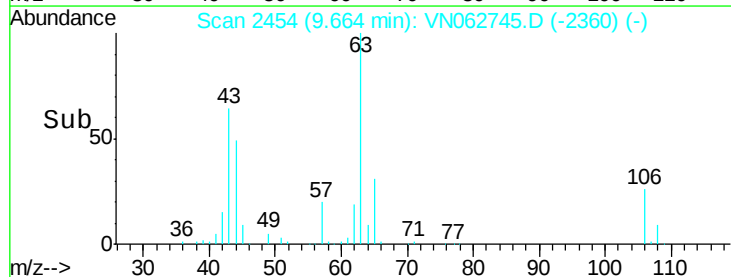
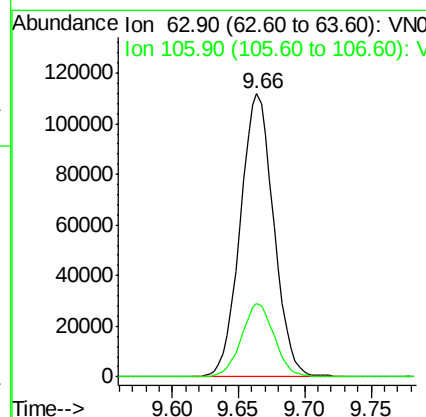
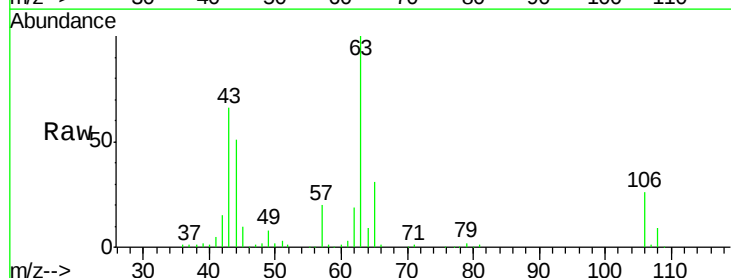
Manual Integrations
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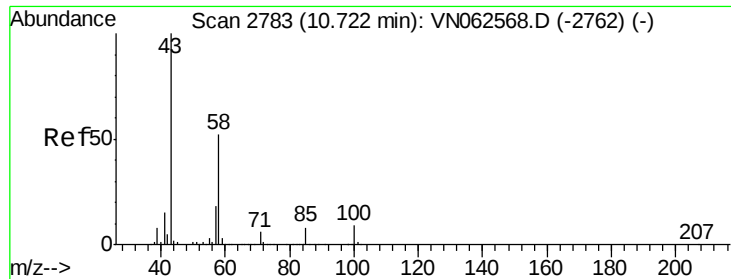
MMDadoda
 8/4/2020 1:52:08 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 213.208 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062745.D
 Acq: 3 Aug 2020 19:02

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.4	18.9	28.3





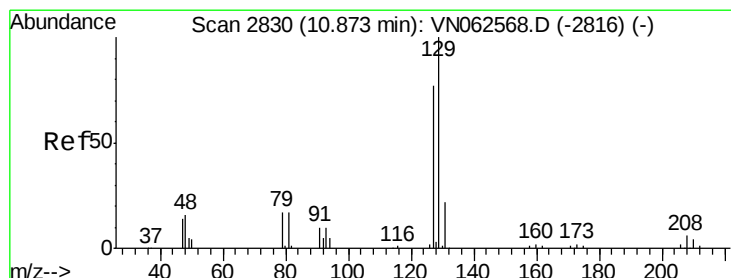
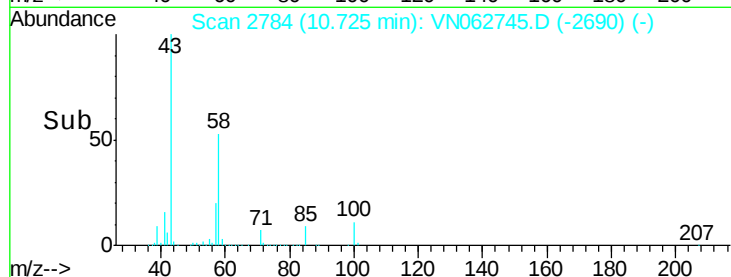
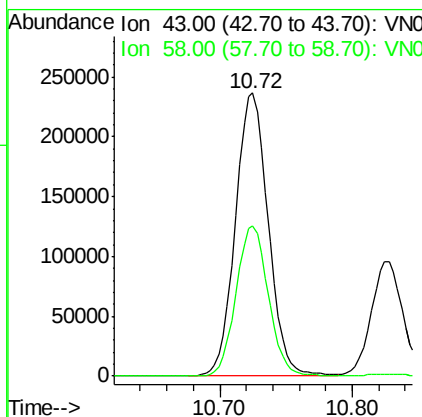
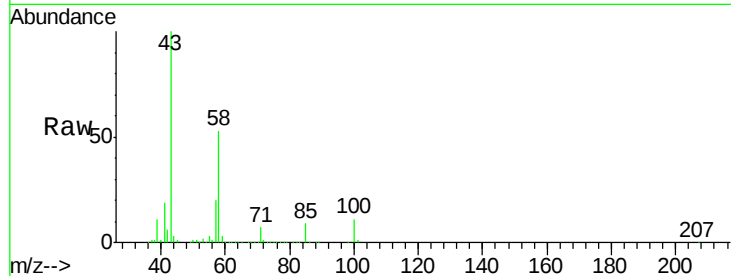
#59
2-Hexanone
Concen: 200.121 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062745.D
Acq: 3 Aug 2020 19:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 404752
Ion Ratio Lower Upper
43 100
58 52.7 26.0 78.0

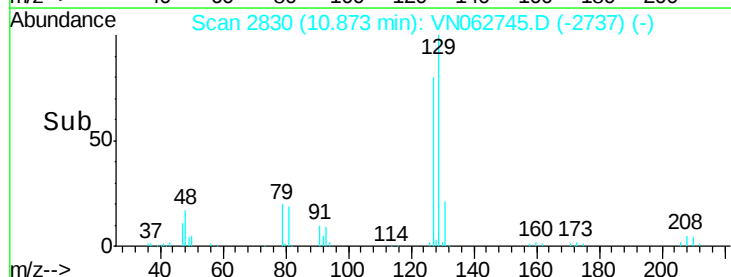
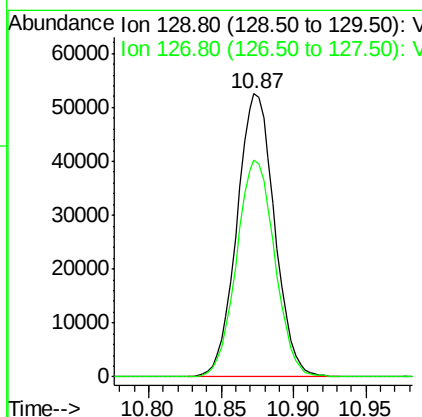
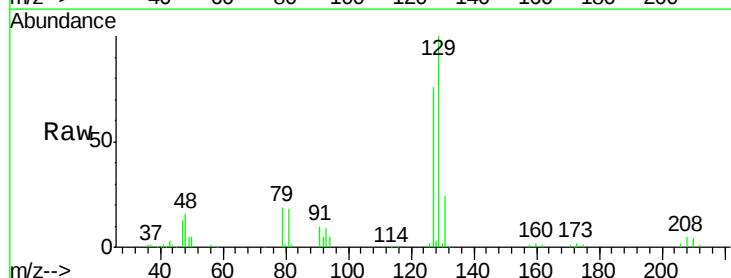
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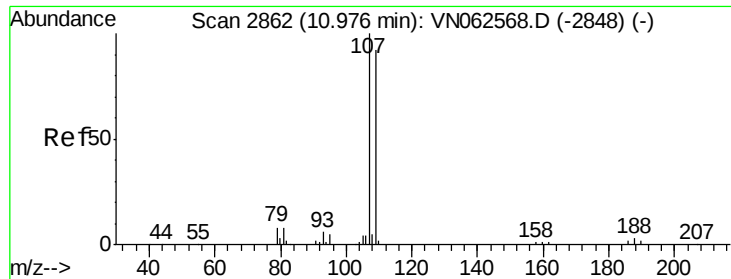
MMDadoda
8/4/2020 1:52:08 PM



#60
Dibromochloromethane
Concen: 49.417 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062745.D
Acq: 3 Aug 2020 19:02

Tgt Ion: 129 Resp: 94837
Ion Ratio Lower Upper
129 100
127 77.7 38.0 113.9





#61

1,2-Dibromoethane

Concen: 44.992 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN062745.D

Acq: 3 Aug 2020 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 80595

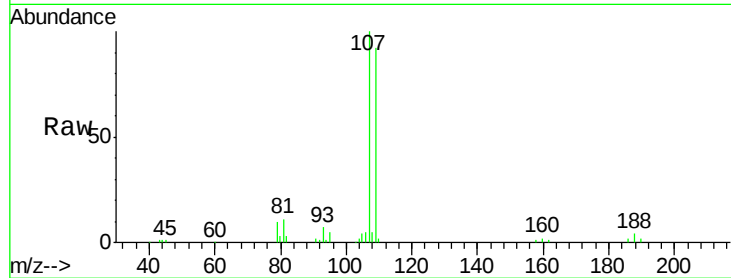
Ion Ratio Lower Upper

107 100

109 94.1 73.8 110.6

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

50000

40000

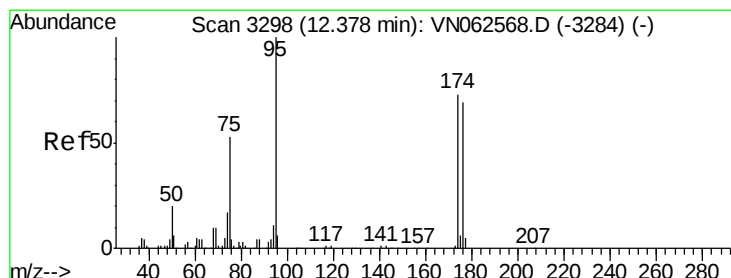
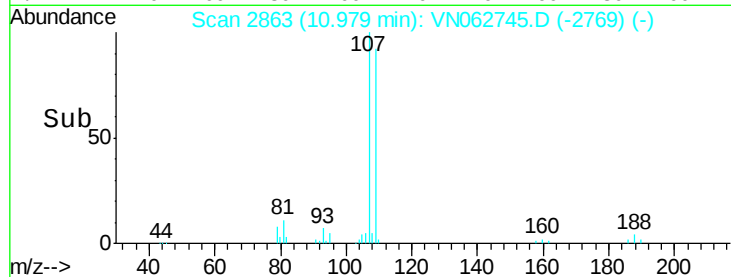
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.271 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062745.D

Acq: 3 Aug 2020 19:02

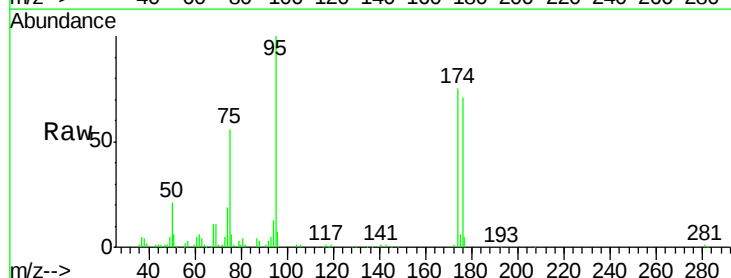
Tgt Ion: 95 Resp: 109483

Ion Ratio Lower Upper

95 100

174 74.7 0.0 144.6

176 71.4 0.0 139.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.38

80000

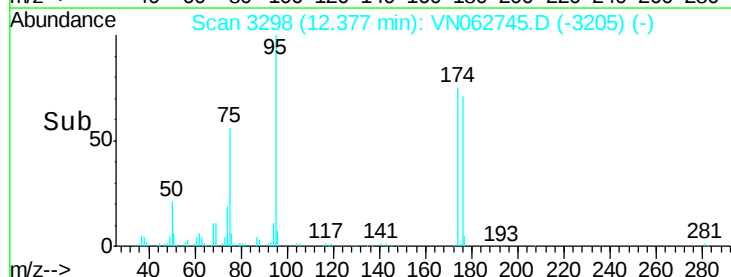
60000

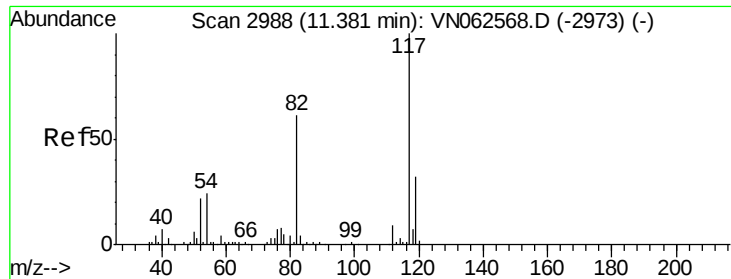
40000

20000

0

Time-->





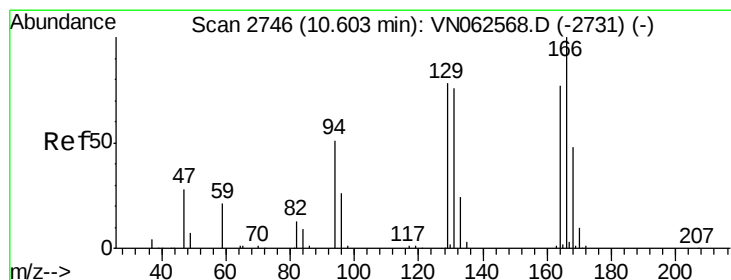
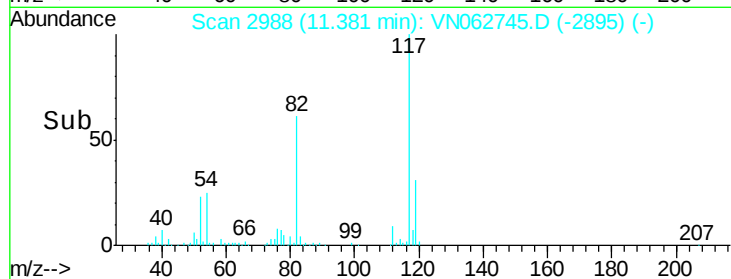
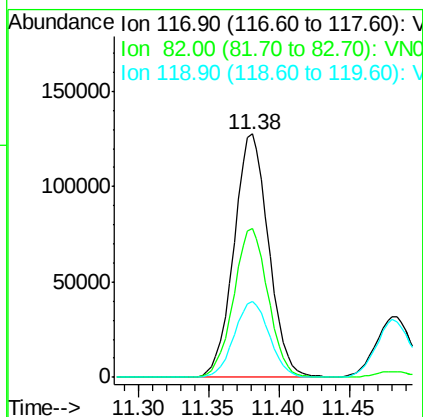
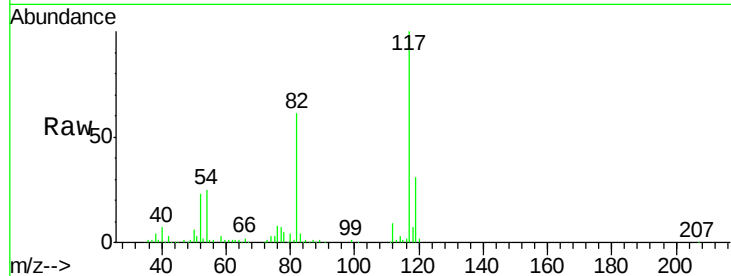
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062745.D
Acq: 3 Aug 2020 19:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	220267		
82	61.1	49.0	73.6	
119	31.0	25.4	38.2	

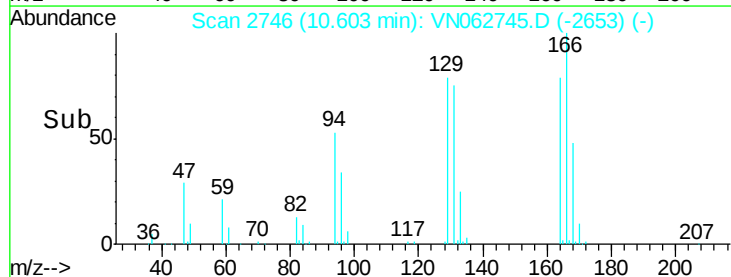
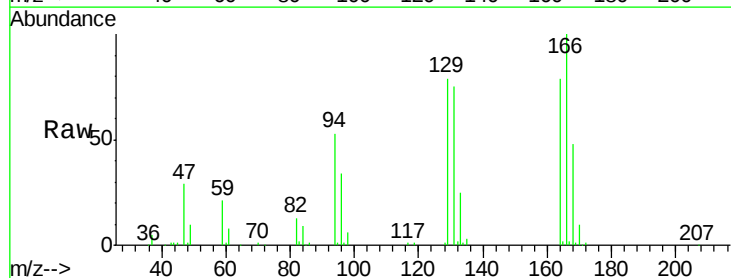
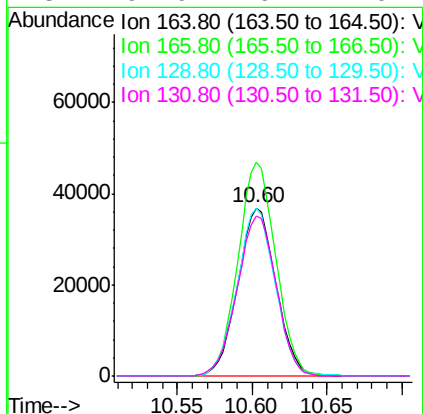
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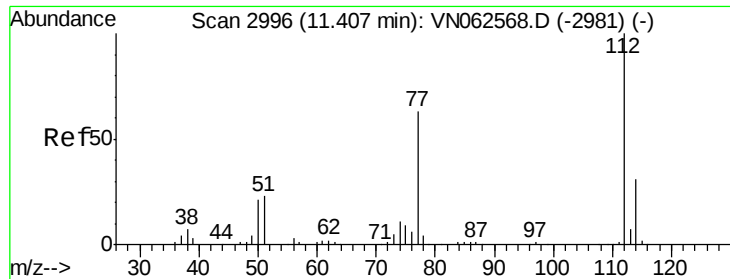
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#64
Tetrachloroethene
Concen: 45.690 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062745.D
Acq: 3 Aug 2020 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	65388		
166	127.0	104.4	156.6	
129	99.9	81.0	121.4	
131	94.9	79.4	119.2	





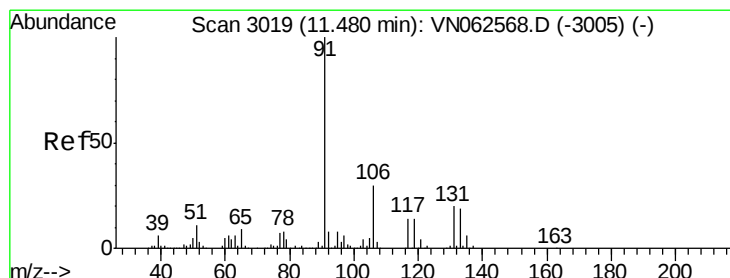
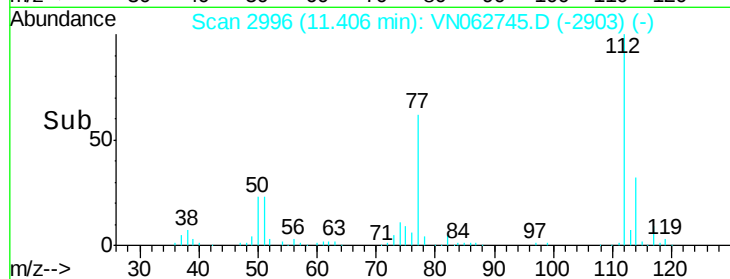
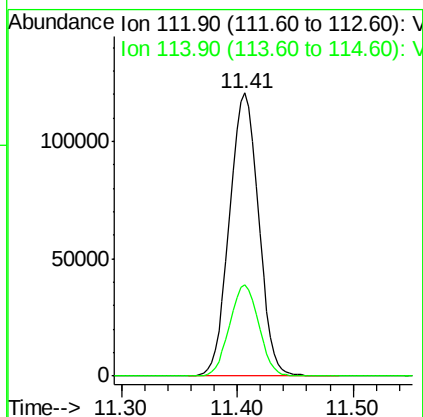
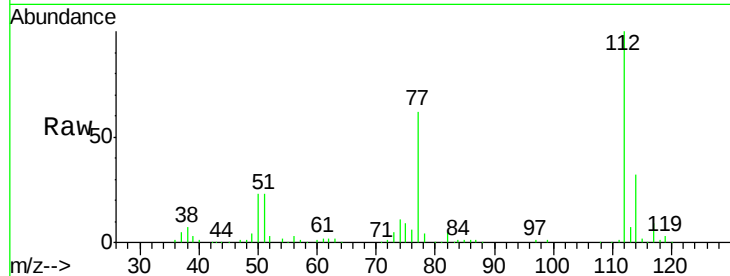
#65
Chlorobenzene
Concen: 45.407 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062745.D
Acq: 3 Aug 2020 19:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 209678
Ion Ratio Lower Upper
112 100
114 32.2 25.1 37.7

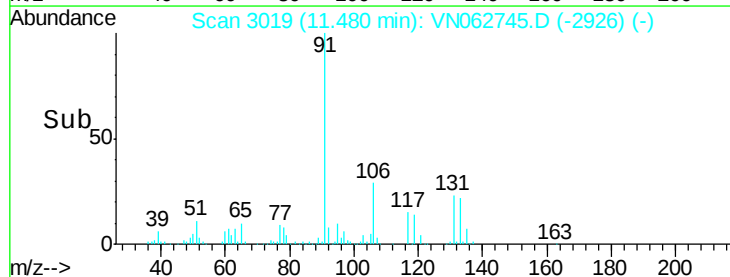
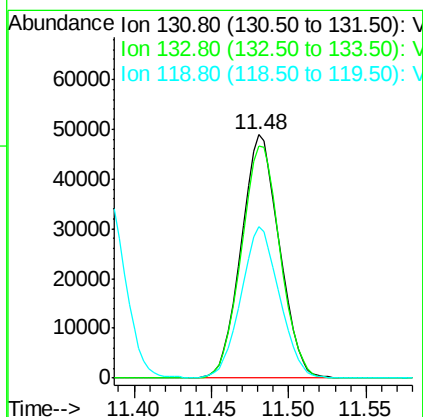
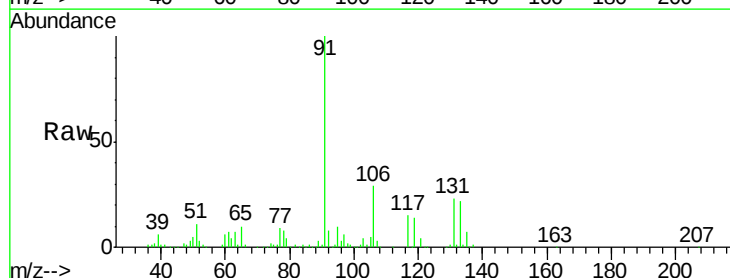
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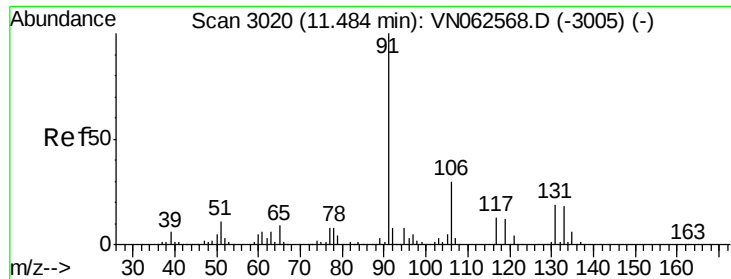
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.292 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062745.D
Acq: 3 Aug 2020 19:02

Tgt Ion:131 Resp: 83892
Ion Ratio Lower Upper
131 100
133 97.0 47.3 142.0
119 62.6 33.7 101.0





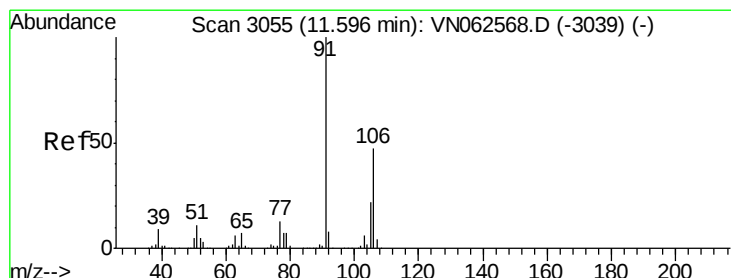
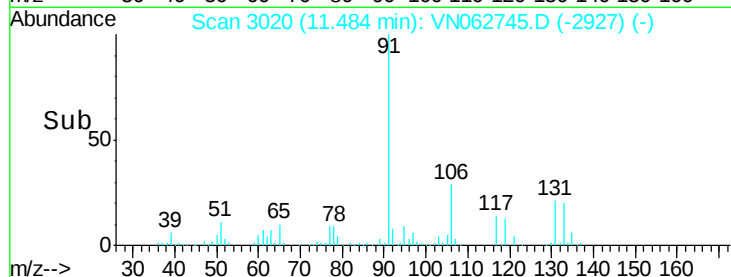
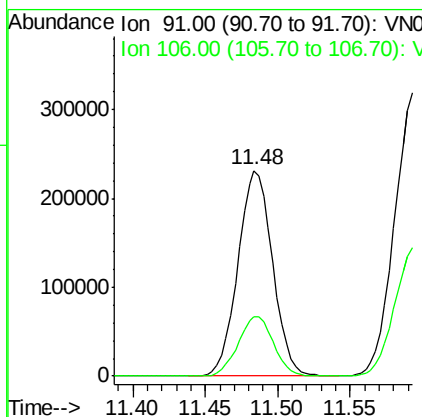
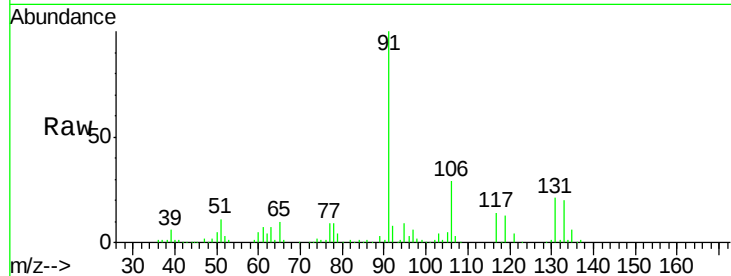
#67
Ethyl Benzene
Concen: 45.370 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062745.D
Acq: 3 Aug 2020 19:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 384137
Ion Ratio Lower Upper
91 100
106 29.2 23.8 35.8

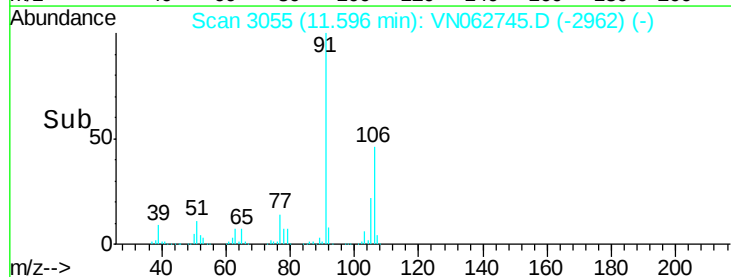
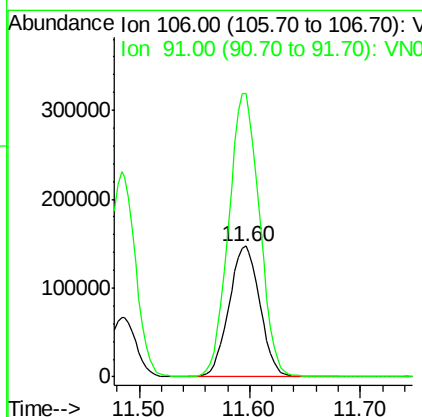
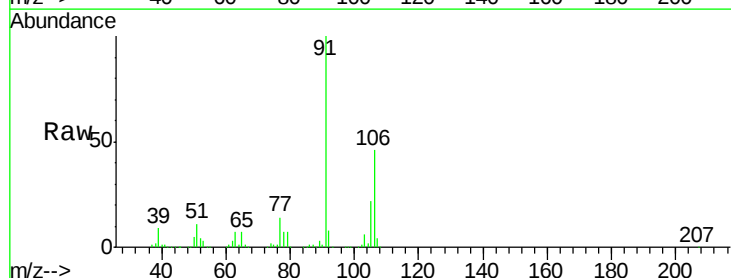
Manual Integrations
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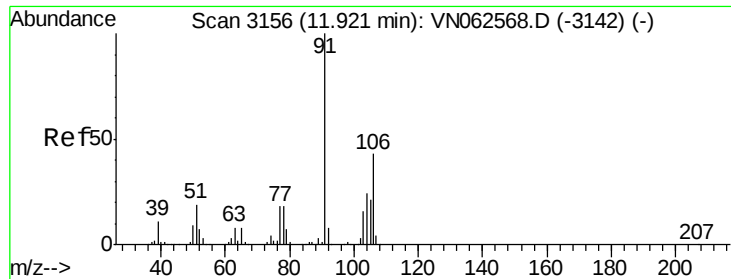
MMDadoda
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#68
m/p-Xylenes
Concen: 94.025 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062745.D
Acq: 3 Aug 2020 19:02

Tgt Ion: 106 Resp: 286135
Ion Ratio Lower Upper
106 100
91 215.7 171.4 257.2





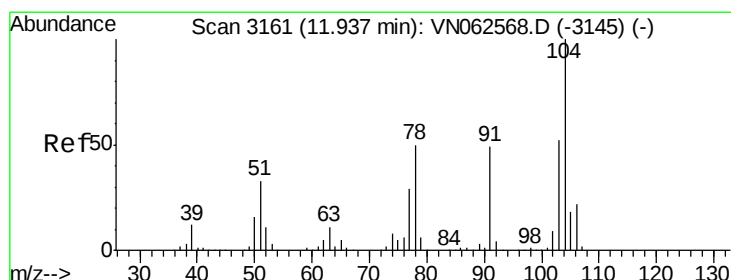
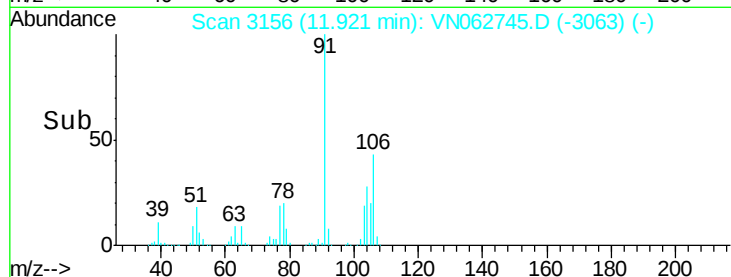
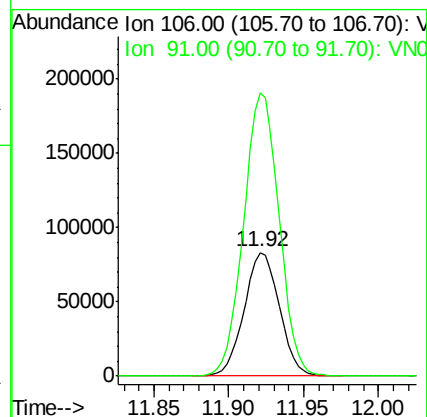
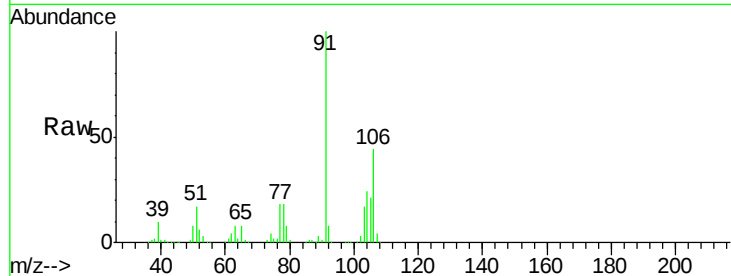
#69
o-Xylene
Concen: 47.274 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062745.D
Acq: 3 Aug 2020 19:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	230.9	113.8	341.2		

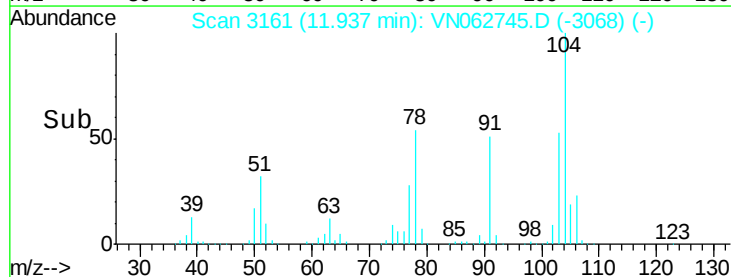
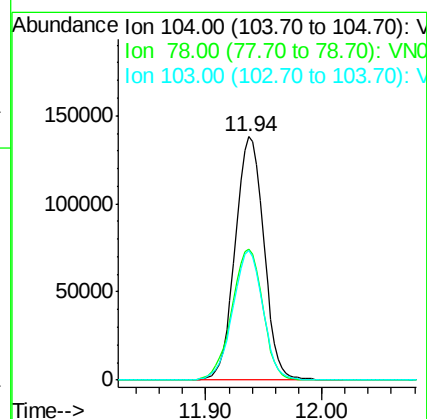
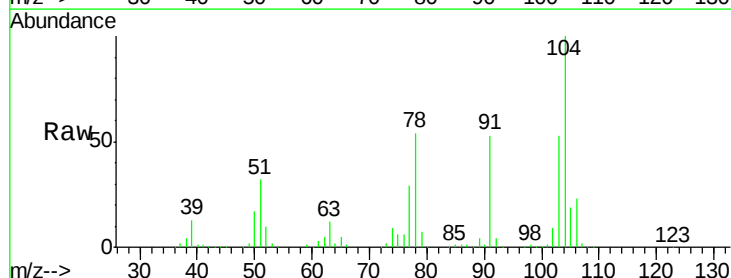
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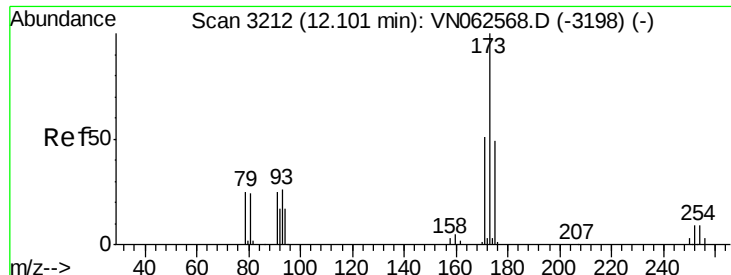
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#70
Styrene
Concen: 48.565 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062745.D
Acq: 3 Aug 2020 19:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	58.2	43.8	65.6		
103	56.1	44.0	66.0		





#71

Bromoform

Concen: 51.958 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062745.D

Acq: 3 Aug 2020 19:02

Instrument :

MSVOA_N

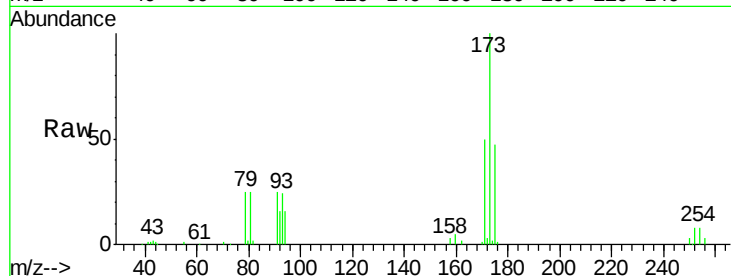
ClientSampleId :

VSTDCCC050EC

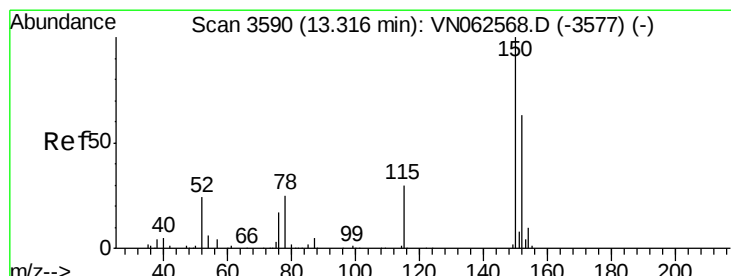
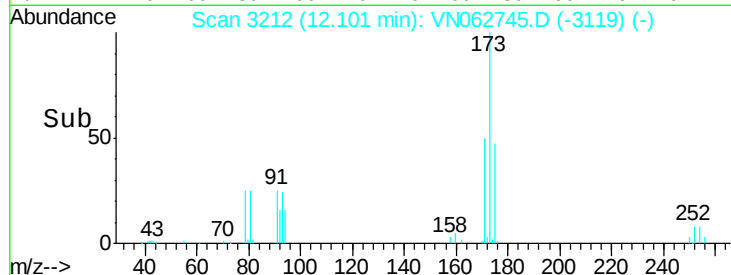
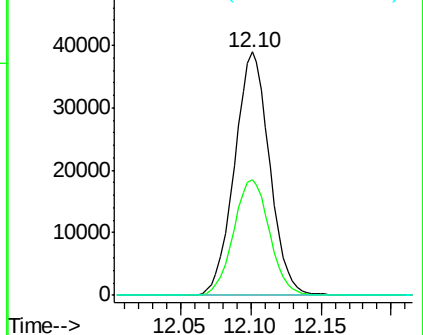
Tot Ion:	173	Resp:	67771
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.1	72.2
254	0.0	0.0	0.0

Manual Integrations
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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

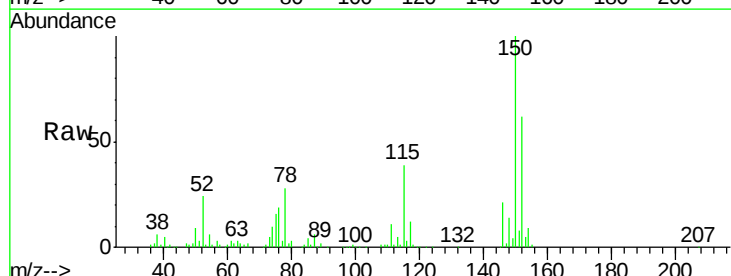
RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

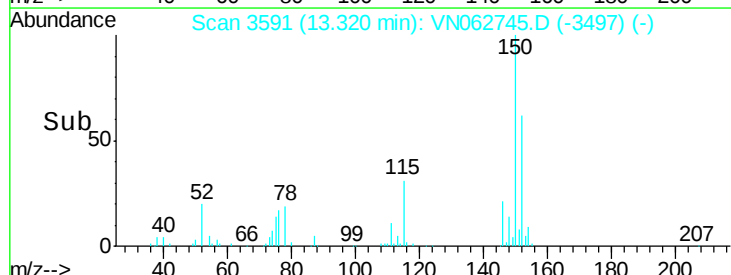
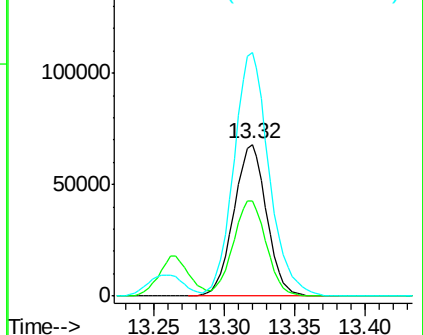
Lab File: VN062745.D

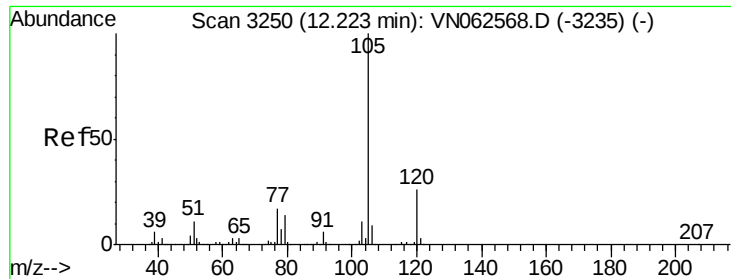
Acq: 3 Aug 2020 19:02

Tgt Ion:	152	Resp:	110609
Ion Ratio	Lower	Upper	
152	100		
115	63.8	31.8	95.4
150	173.2	0.0	351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 43.592 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062745.D

Acq: 3 Aug 2020 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 381253

Ion Ratio Lower Upper

105 100

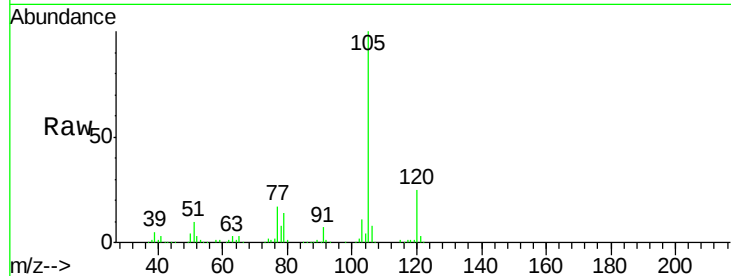
120 25.0 12.8 38.4

Manual Integrations

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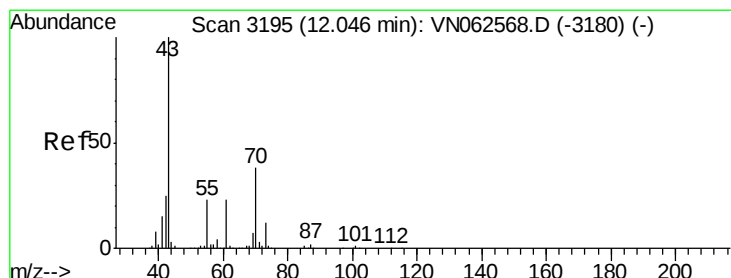
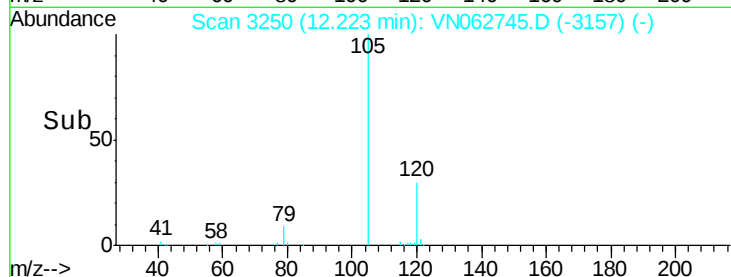
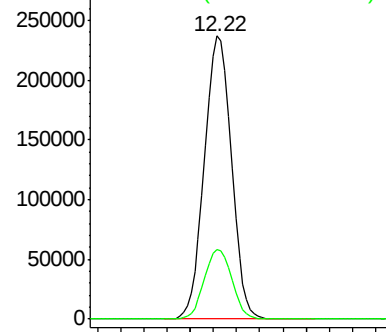
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 39.820 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062745.D

Acq: 3 Aug 2020 19:02

Tgt Ion: 43 Resp: 155529

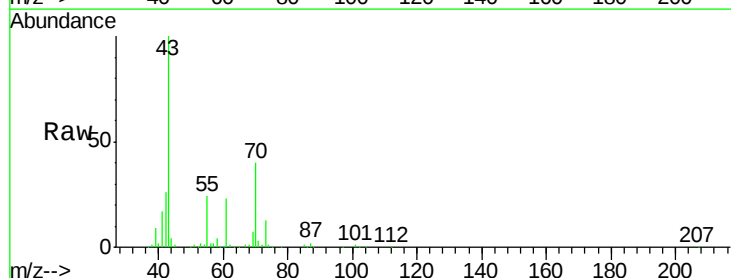
Ion Ratio Lower Upper

43 100

70 41.1 30.5 45.7

55 25.9 19.0 28.6

61 23.4 18.4 27.6

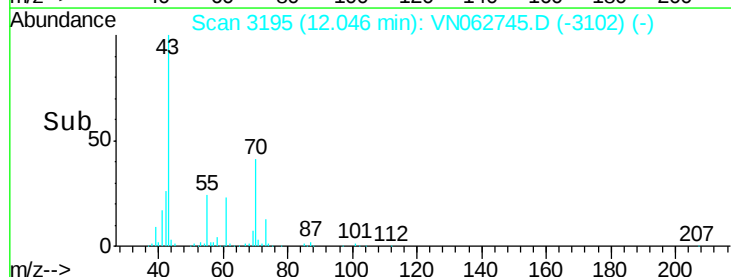
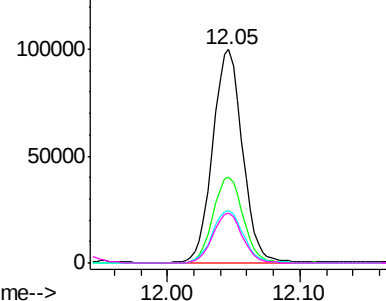


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 39.390 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062745.D

Acq: 3 Aug 2020 19:02

Instrument :

MSVOA_N

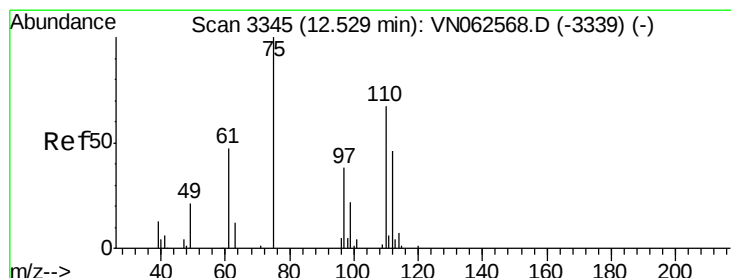
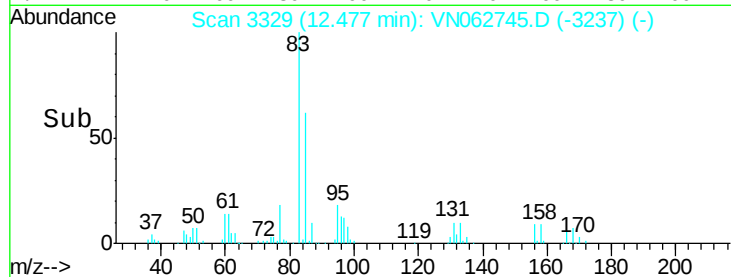
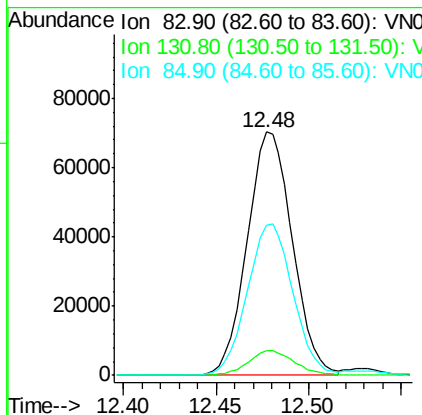
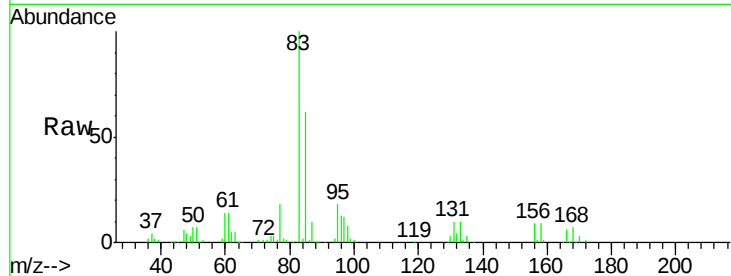
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	119714
Ion	Ratio	Lower	Upper
83	100		
131	10.3	4.8	14.3
85	62.8	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 42.173 ug/l m

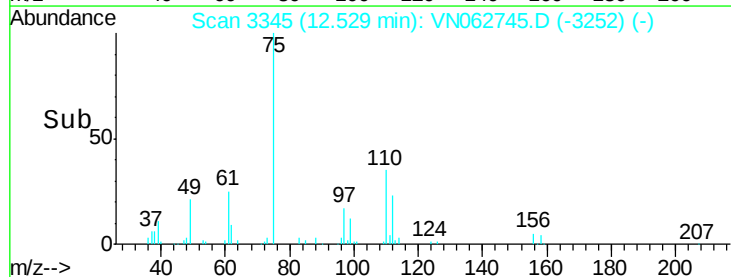
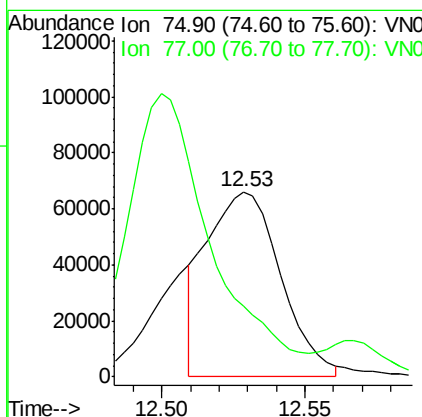
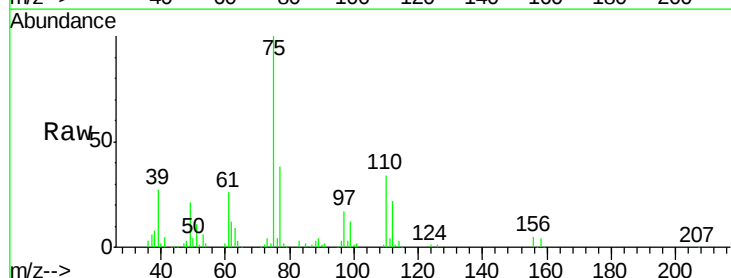
RT: 12.53 min Scan# 3345

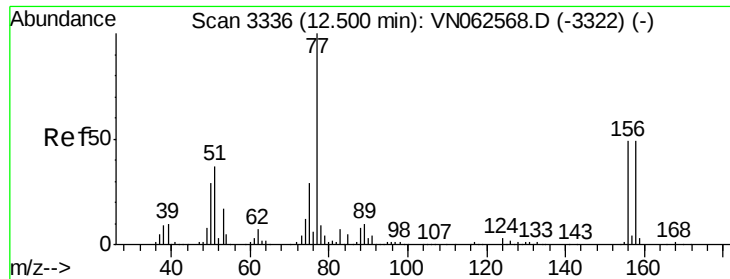
Delta R.T. -0.00 min

Lab File: VN062745.D

Acq: 3 Aug 2020 19:02

Tgt Ion:	75	Resp:	118733
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 43.021 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062745.D

Acq: 3 Aug 2020 19:02

Instrument :

MSVOA_N

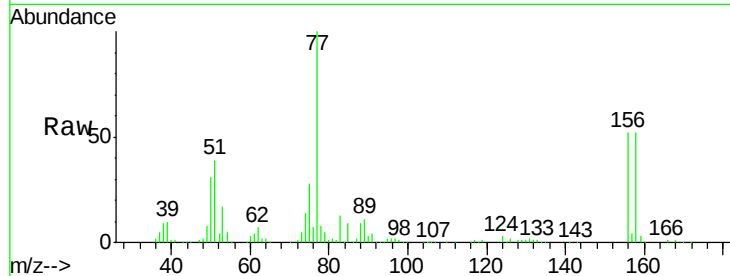
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	90422
Ion Ratio	Lower	Upper	
156	100		
77	230.6	122.8	368.3
158	98.6	49.4	148.0

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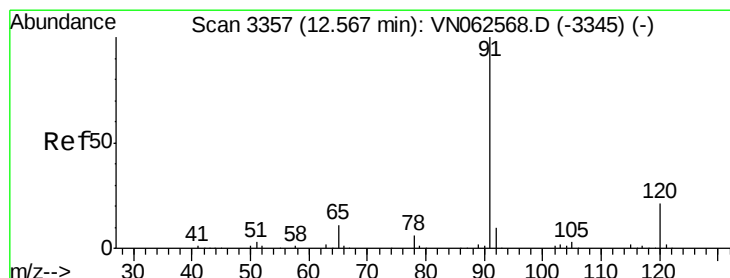
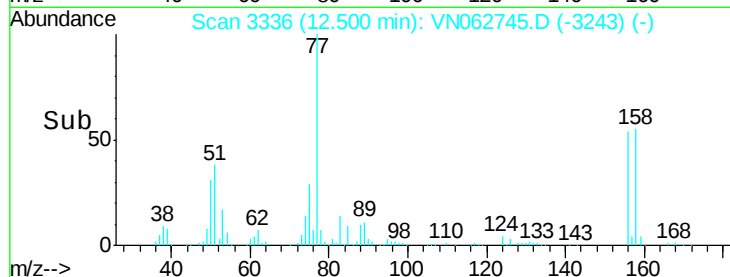
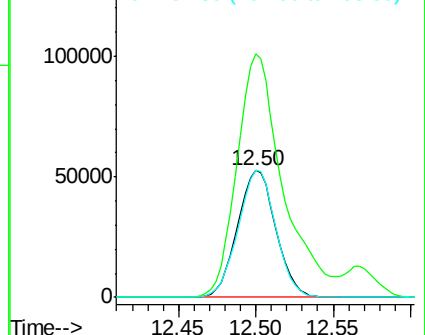
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 43.100 ug/l

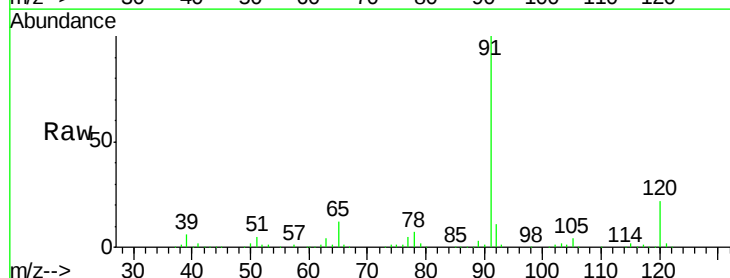
RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062745.D

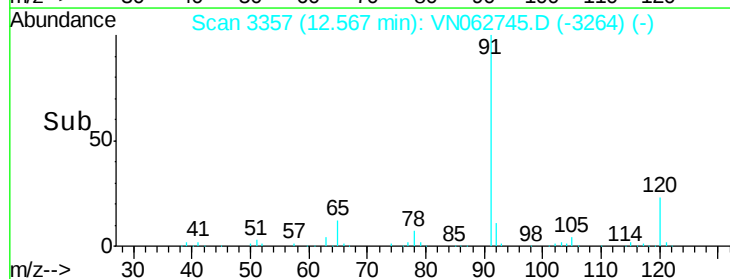
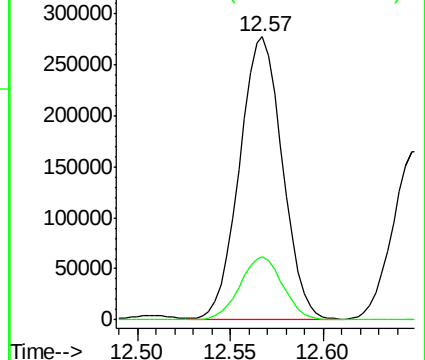
Acq: 3 Aug 2020 19:02

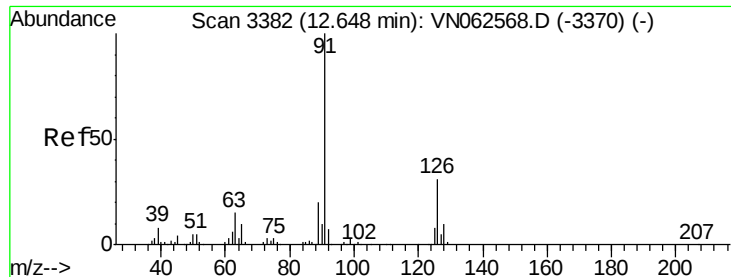
Tgt Ion:	91	Resp:	441548
Ion Ratio	Lower	Upper	
91	100		
120	22.4	10.9	32.6



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





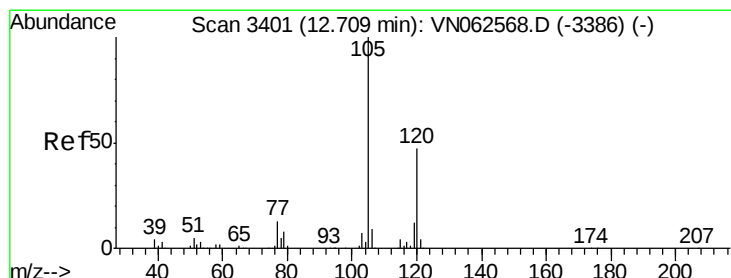
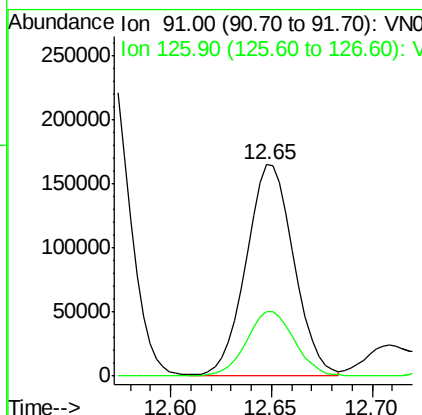
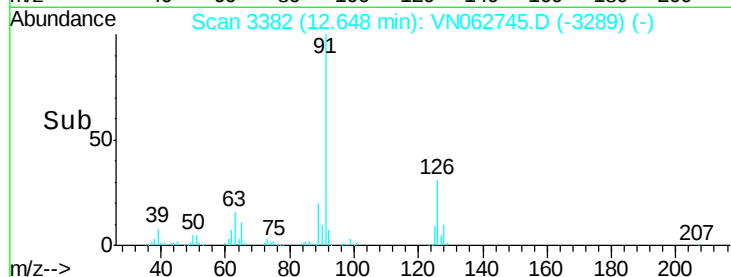
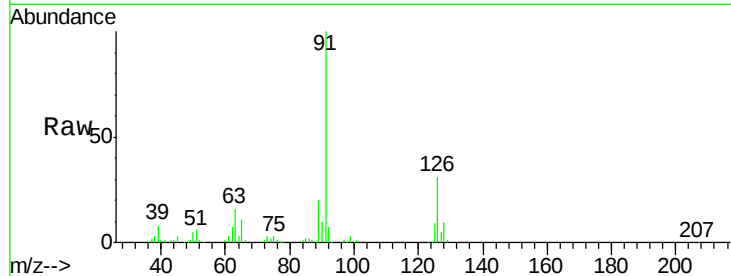
#79
 2-Chlorotoluene
 Concen: 42.817 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062745.D
 Acq: 3 Aug 2020 19:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.9	47.6

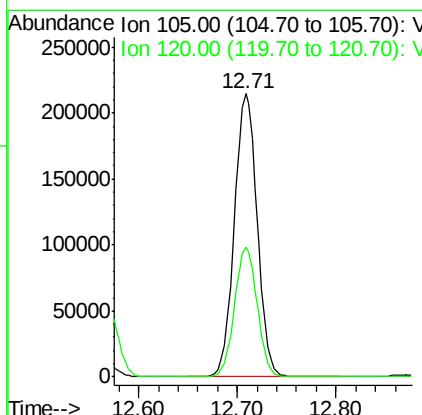
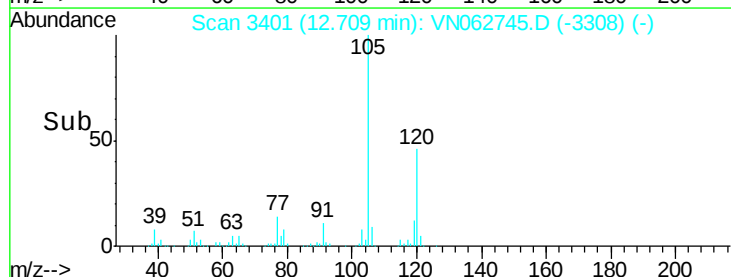
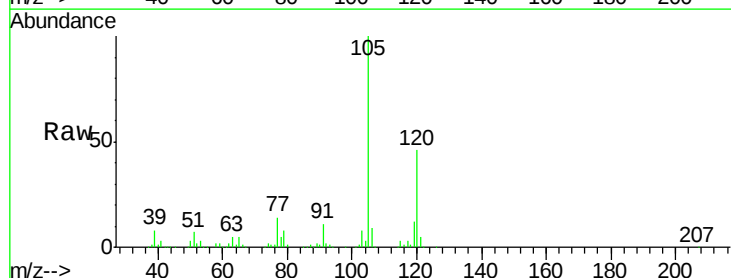
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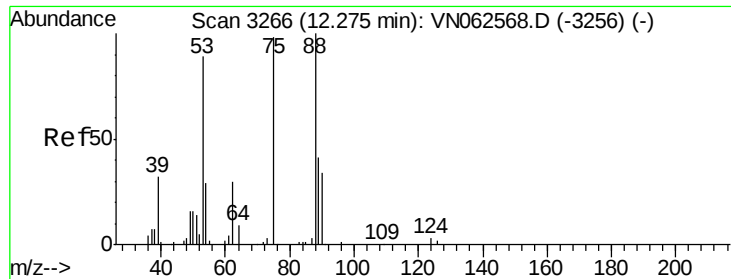
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 8/4/2020 1:52:08 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 47.489 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062745.D
 Acq: 3 Aug 2020 19:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.2	69.6





#81

trans-1,4-Dichloro-2-butene

Concen: 40.730 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062745.D

Acq: 3 Aug 2020 19:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 41193

Ion Ratio Lower Upper

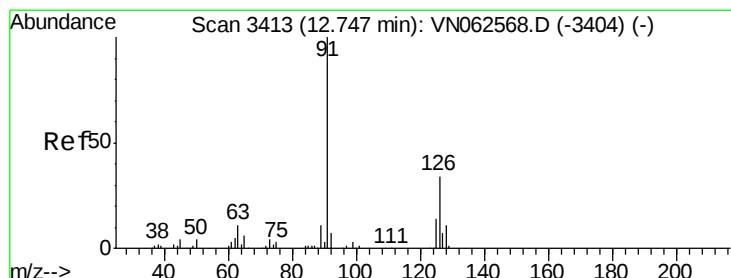
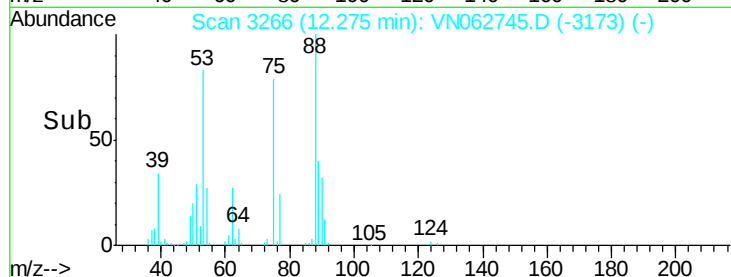
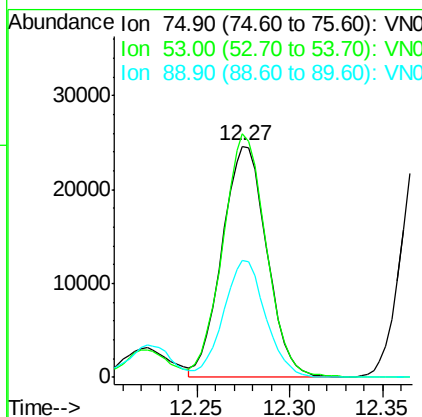
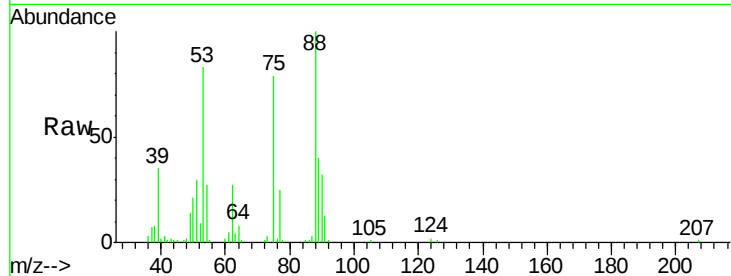
75 100

53 102.7 75.4 113.0

89 47.6 34.5 51.7

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#82

4-Chlorotoluene

Concen: 43.454 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062745.D

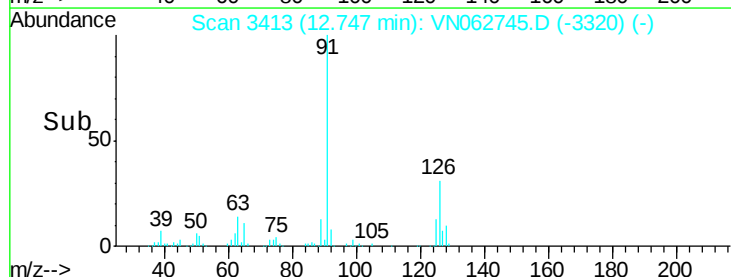
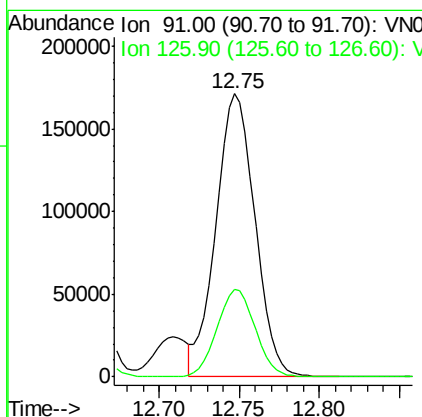
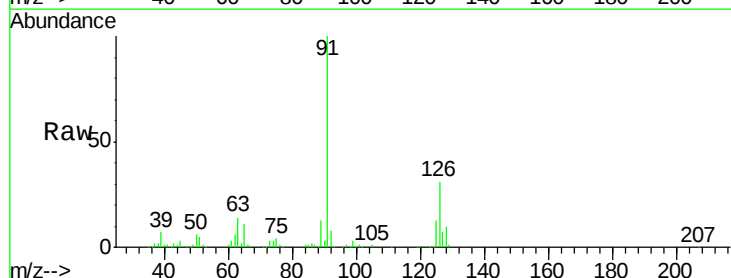
Acq: 3 Aug 2020 19:02

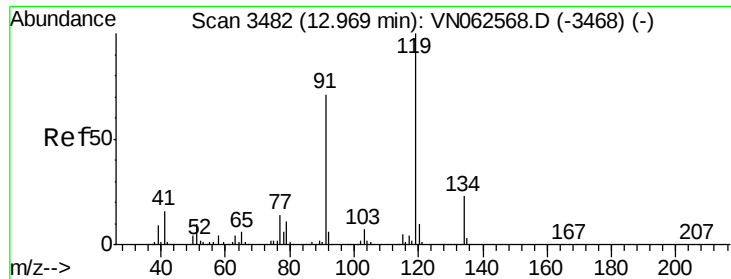
Tgt Ion: 91 Resp: 285567

Ion Ratio Lower Upper

91 100

126 30.6 15.4 46.4





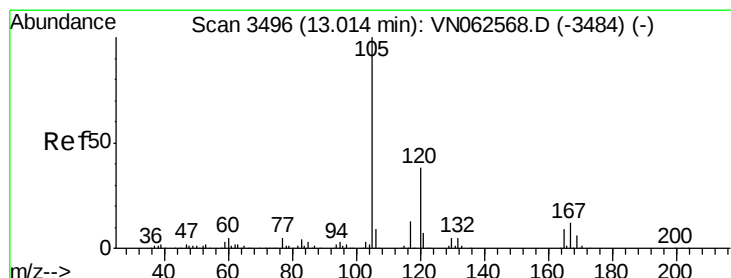
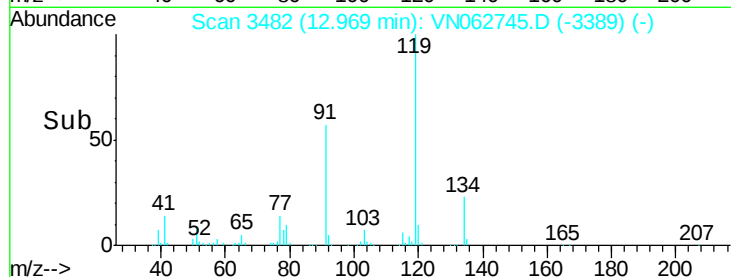
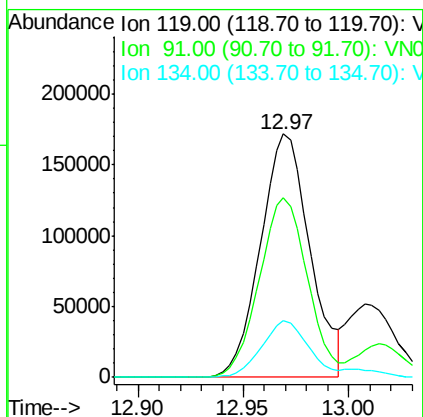
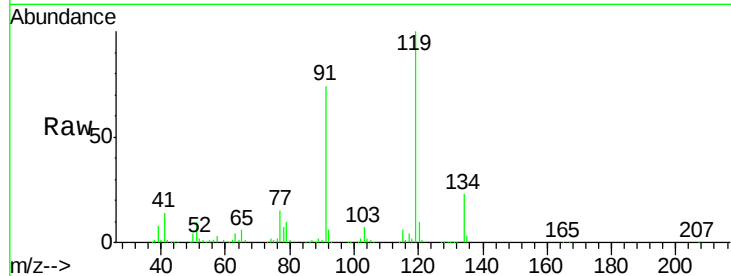
#83
 tert-Butylbenzene
 Concen: 46.529 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062745.D
 Acq: 3 Aug 2020 19:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	280293		
91	72.5		34.6	103.8
134	22.4		11.5	34.4

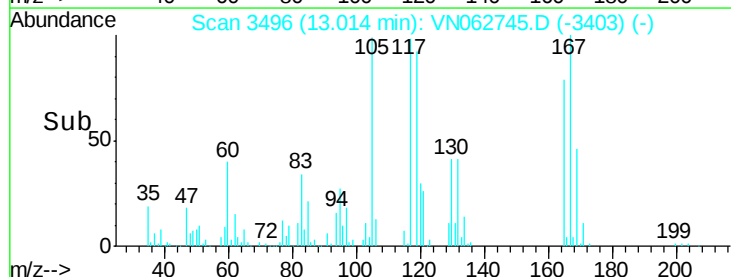
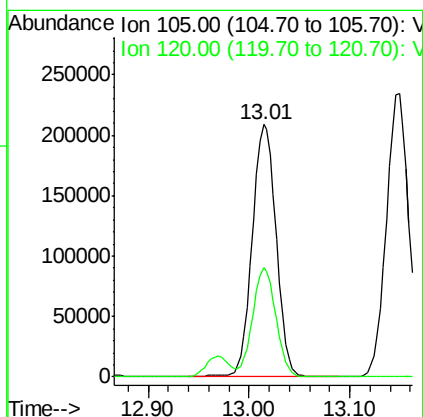
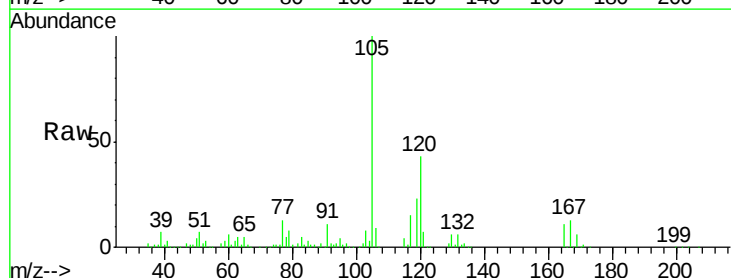
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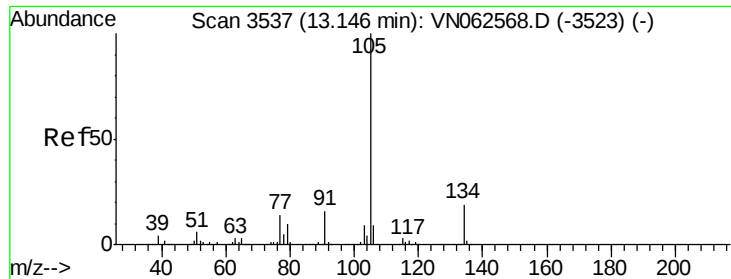
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#84
 1,2,4-Trimethylbenzene
 Concen: 47.936 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062745.D
 Acq: 3 Aug 2020 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	341154		
120	41.8		22.1	66.3





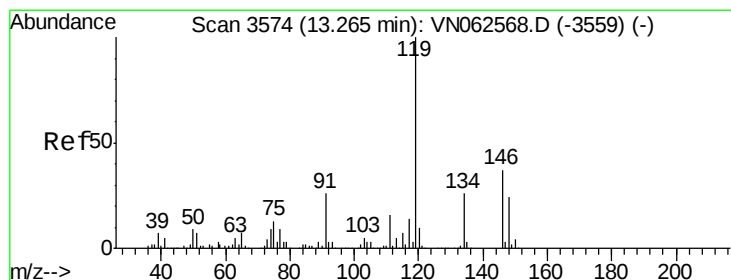
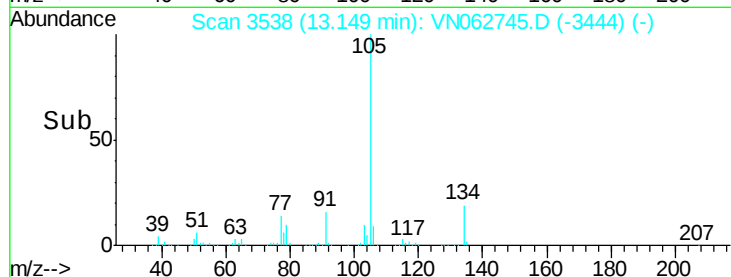
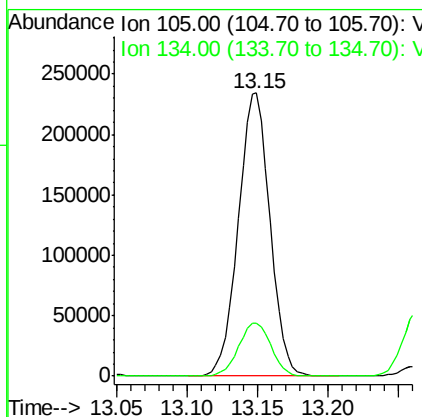
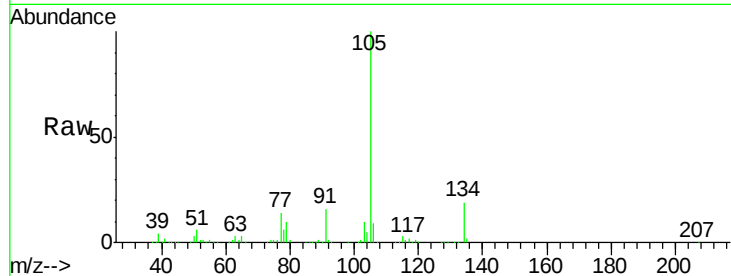
#85
 sec-Butylbenzene
 Concen: 45.617 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. 0.00 min
 Lab File: VN062745.D
 Acq: 3 Aug 2020 19:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
105	100	367903		
134	19.4	9.5	28.5	

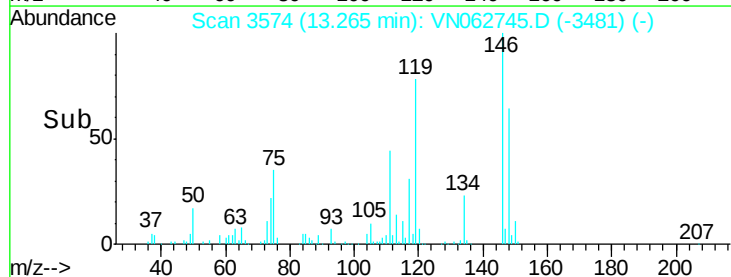
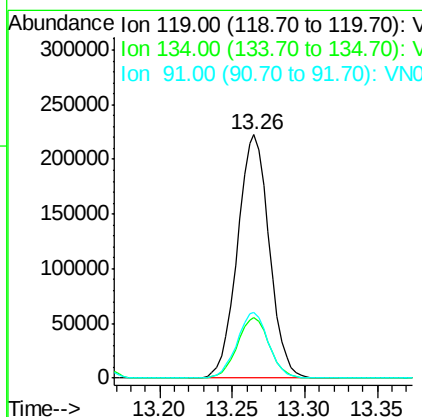
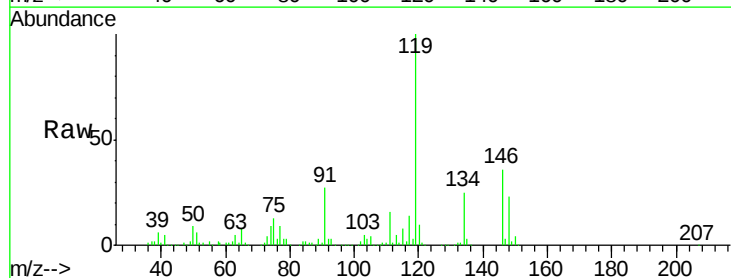
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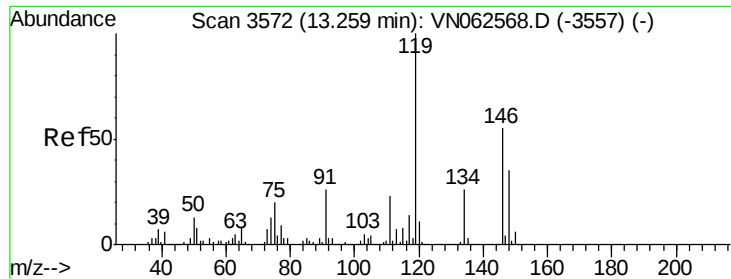
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#86
 p-Isopropyltoluene
 Concen: 48.603 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062745.D
 Acq: 3 Aug 2020 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	337134		
134	25.0	12.8	38.4	
91	27.0	12.7	38.1	





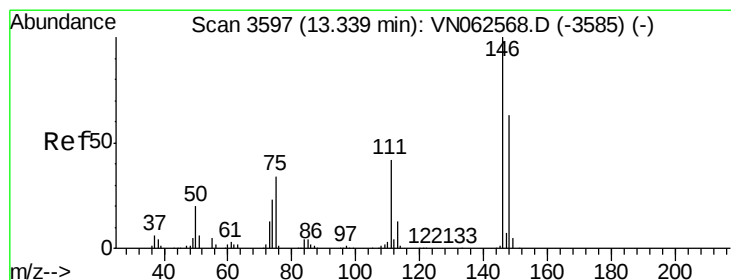
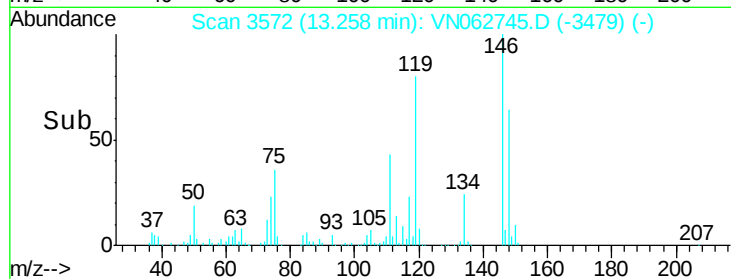
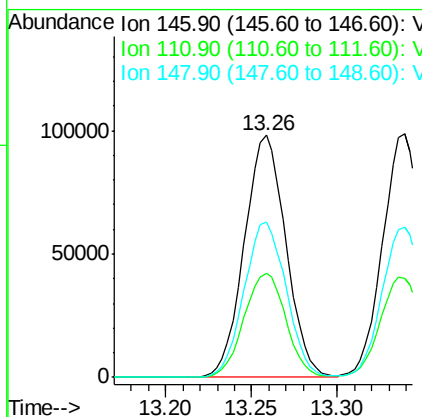
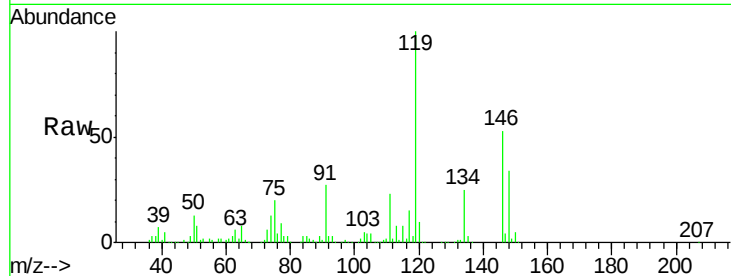
#87
 1,3-Dichlorobenzene
 Concen: 44.616 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062745.D
 Acq: 3 Aug 2020 19:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	164562		
111	43.4	21.6	64.6	
148	65.0	31.8	95.4	

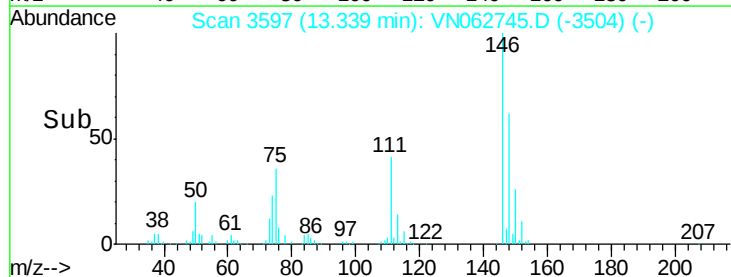
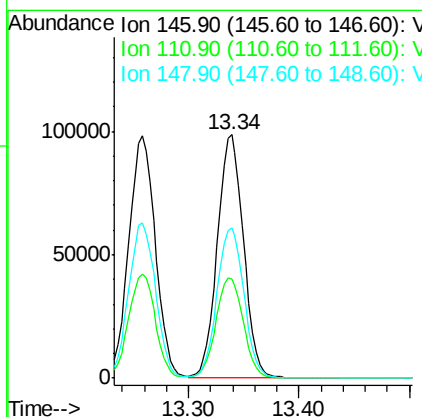
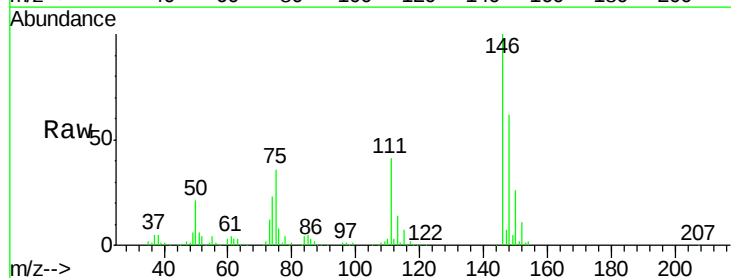
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#88
 1,4-Dichlorobenzene
 Concen: 44.820 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062745.D
 Acq: 3 Aug 2020 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	162734		
111	43.0	21.1	63.1	
148	62.9	31.6	94.8	





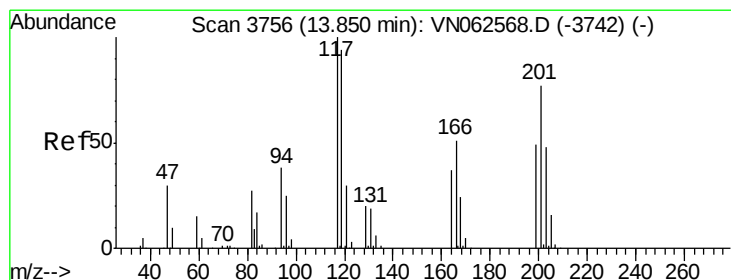
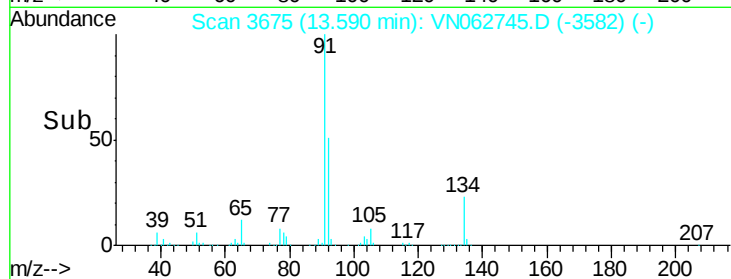
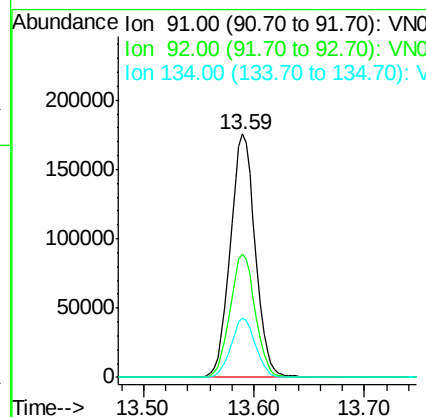
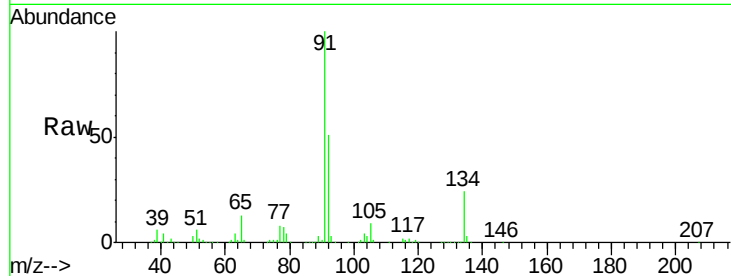
#89
n-Butylbenzene
Concen: 46.171 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062745.D
Acq: 3 Aug 2020 19:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.1	25.8	77.3
134	24.0	11.8	35.3

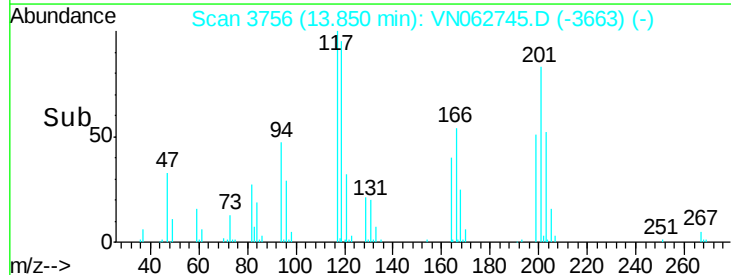
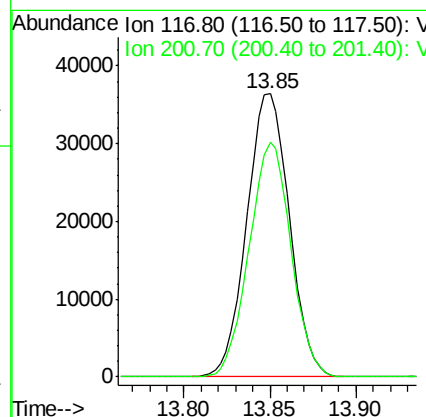
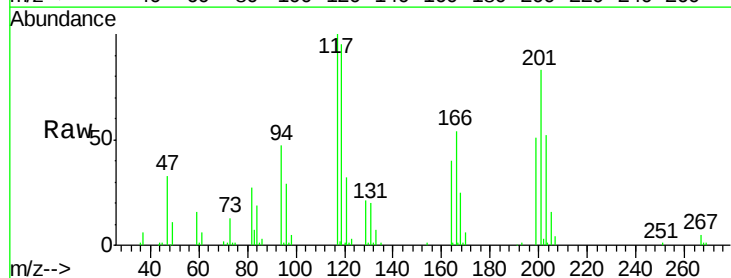
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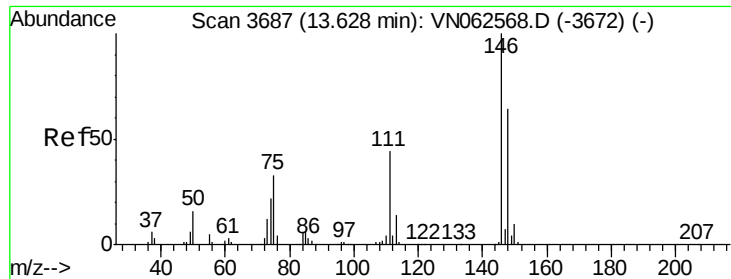
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#90
Hexachloroethane
Concen: 42.383 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062745.D
Acq: 3 Aug 2020 19:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.1	39.2	117.6





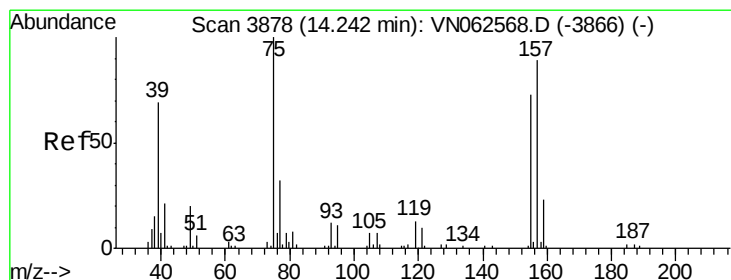
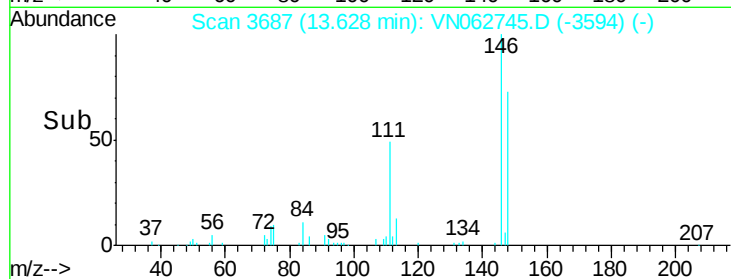
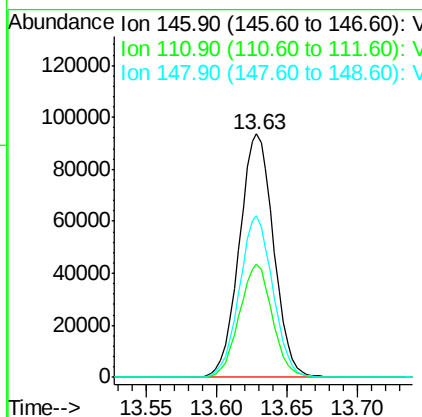
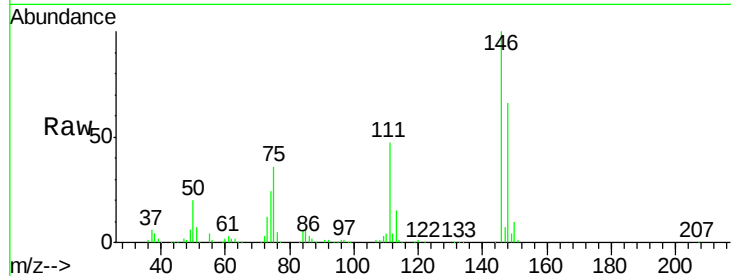
#91
 1,2-Dichlorobenzene
 Concen: 45.216 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062745.D
 Acq: 3 Aug 2020 19:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.8	21.9	65.8
148	64.7	31.6	94.7

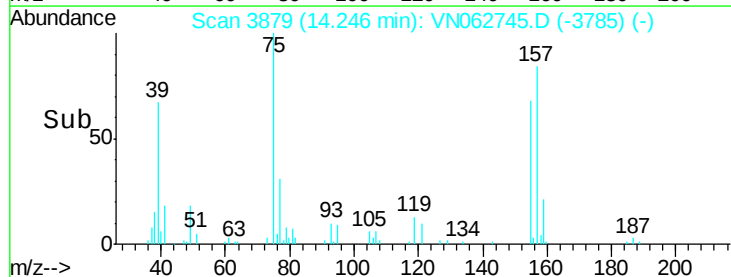
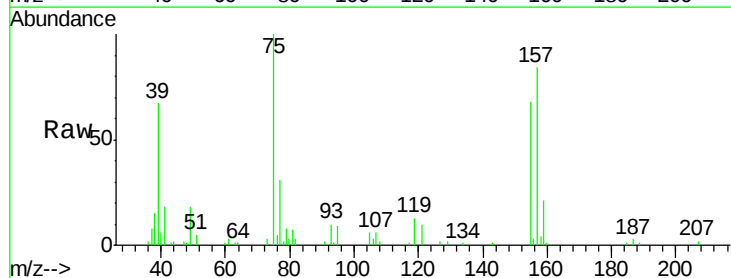
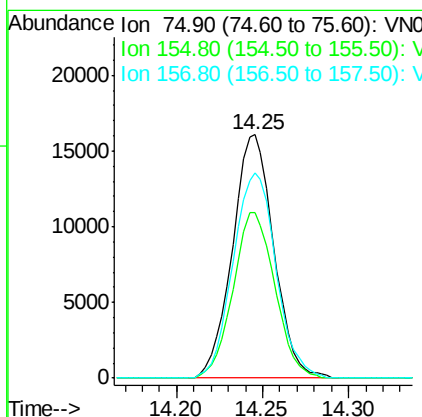
Manual Integrations
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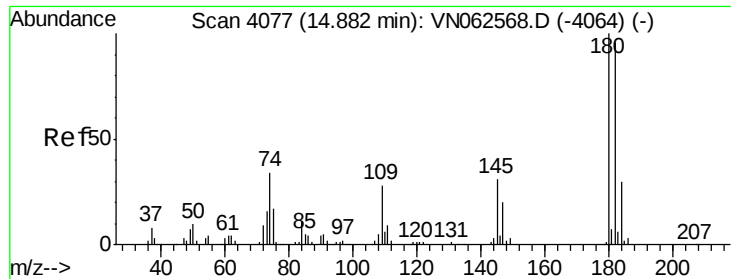
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 8/4/2020 1:52:08 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.610 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062745.D
 Acq: 3 Aug 2020 19:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.7	35.9	107.5
157	87.6	45.0	135.0





#93

1,2,4-Trichlorobenzene

Concen: 42.562 ug/l

RT: 14.88 min Scan# 4077

Delta R.T. 0.00 min

Lab File: VN062745.D

Acq: 3 Aug 2020 19:02

Instrument :

MSVOA_N

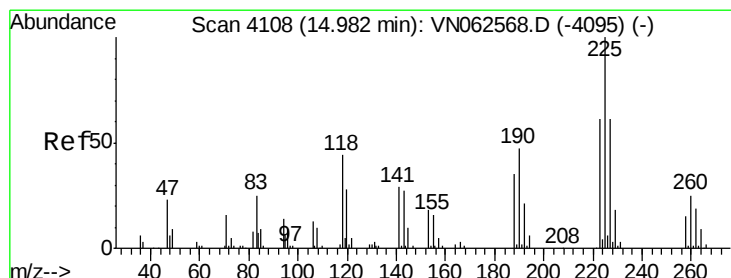
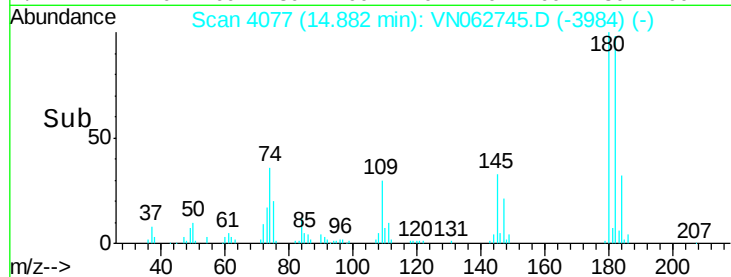
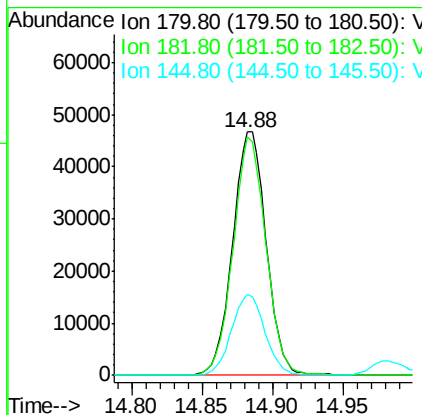
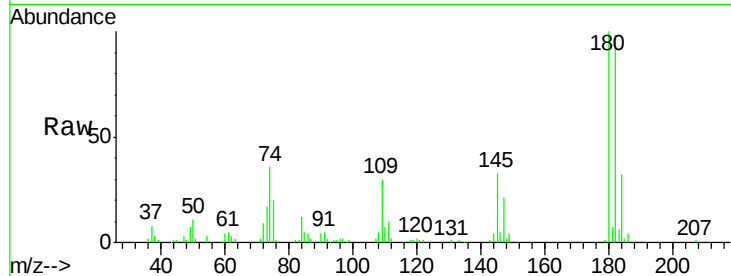
ClientSampleId :

VSTDCCC050EC

Tot Ion:	180	Resp:	78013
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.8	143.3
145	33.0	15.3	45.9

Manual Integrations
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8/4/2020 1:52:08 PM



#94

Hexachlorobutadiene

Concen: 52.529 ug/l

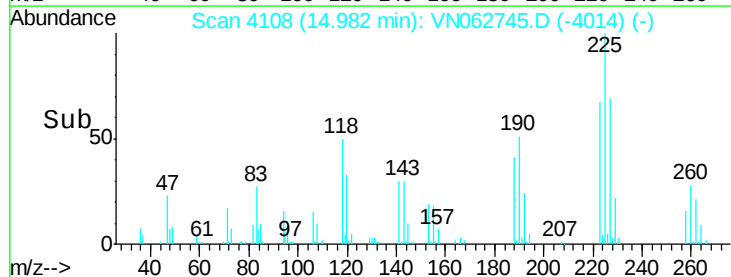
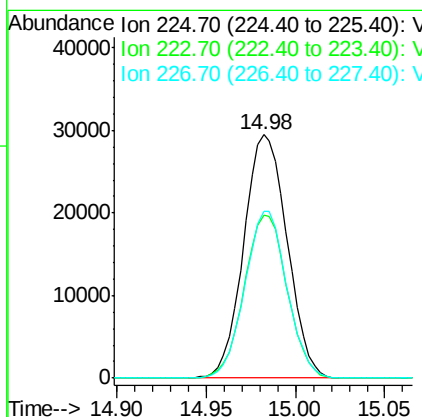
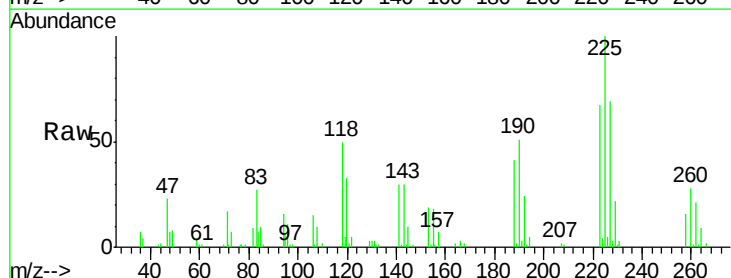
RT: 14.98 min Scan# 4108

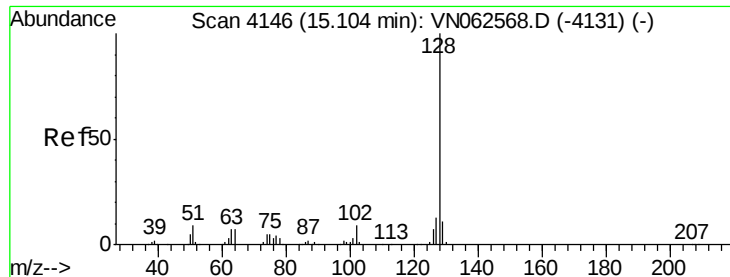
Delta R.T. 0.00 min

Lab File: VN062745.D

Acq: 3 Aug 2020 19:02

Tgt Ion:	225	Resp:	50097
Ion Ratio	Lower	Upper	
225	100		
223	66.1	32.0	96.0
227	66.5	31.1	93.2





#95

Naphthalene

Concen: 41.701 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062745.D

Acq: 3 Aug 2020 19:02

Instrument :

MSVOA_N

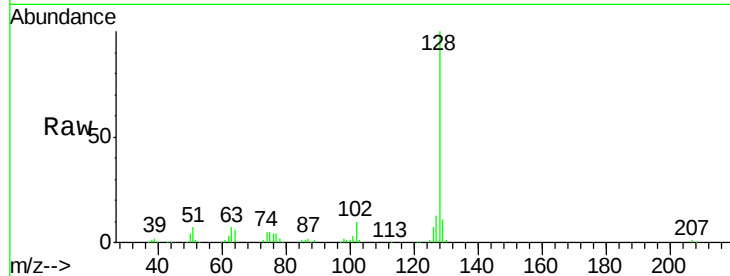
ClientSampleId :

VSTDCCC050EC

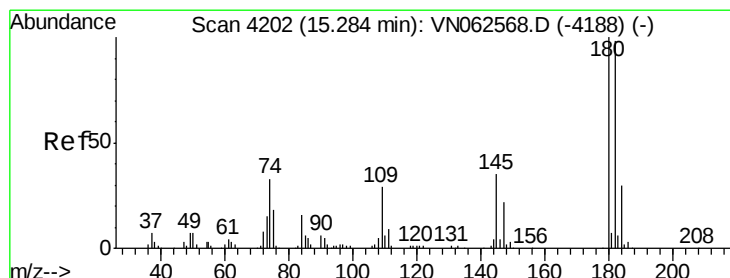
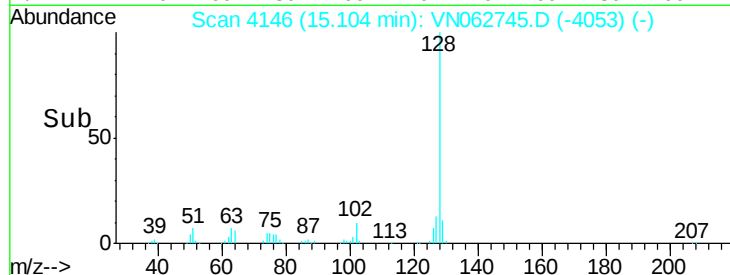
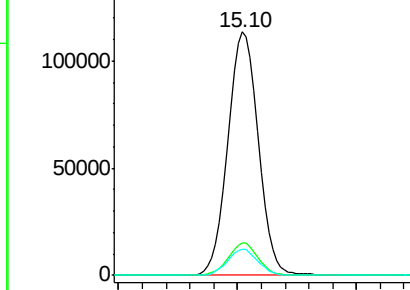
Tot Ion:	128	Resp:	201802
Ion Ratio		Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.6	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/4/2020 1:52:08 PM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 45.914 ug/l

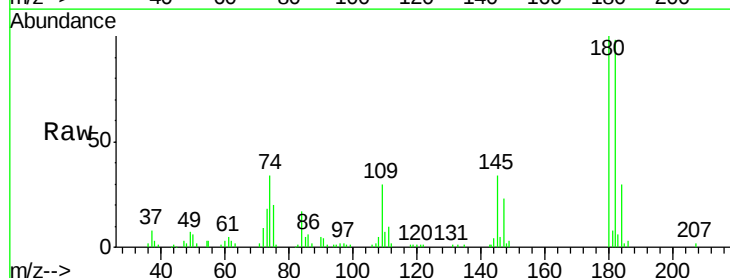
RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062745.D

Acq: 3 Aug 2020 19:02

Tgt Ion:	180	Resp:	76311
Ion Ratio		Lower	Upper
180	100		
182	96.8	48.1	144.3
145	34.5	16.7	50.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

