

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080720\
 Data File : VN062794.D
 Acq On : 7 Aug 2020 21:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/10/2020 12:24:40 PM

Quant Time: Aug 08 03:13:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	171098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	281742	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	263058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	131199	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	129439	45.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.50%	
35) Dibromofluoromethane	7.55	113	90252	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
50) Toluene-d8	10.06	98	349388	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	
62) 4-Bromofluorobenzene	12.38	95	128683	45.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	128503	52.449	ug/l	100
3) Chloromethane	2.04	50	132347	57.243	ug/l	100
4) Vinyl Chloride	2.16	62	124055	57.207	ug/l	98
5) Bromomethane	2.50	94	69357	48.315	ug/l	99
6) Chloroethane	2.65	64	73135	51.265	ug/l	97
7) Trichlorofluoromethane	2.97	101	183980	47.579	ug/l	98
8) Diethyl Ether	3.37	74	53231	48.087	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	80589	51.706	ug/l	98
10) Methyl Iodide	3.91	142	101591	54.205	ug/l	95
11) Tert butyl alcohol	4.74	59	98563	212.541	ug/l	98
12) 1,1-Dichloroethene	3.69	96	71923	49.345	ug/l	100
13) Acrolein	3.57	56	63883	227.522	ug/l	100
14) Allyl chloride	4.27	41	136243	45.482	ug/l	96
15) Acrylonitrile	4.93	53	267081	248.312	ug/l	99
16) Acetone	3.78	43	221588	216.738	ug/l	98
17) Carbon Disulfide	4.00	76	201710	48.734	ug/l	97
18) Methyl Acetate	4.28	43	125121	51.784	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	324820	49.000	ug/l	99
20) Methylene Chloride	4.50	84	92577	49.472	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	80099	46.781	ug/l	98
22) Diisopropyl ether	5.90	45	326644	51.223	ug/l	97
23) Vinyl Acetate	5.84	43	1138857	234.796	ug/l	99
24) 1,1-Dichloroethane	5.80	63	176746	47.296	ug/l	99
25) 2-Butanone	6.79	43	344720	238.066	ug/l	99
26) 2,2-Dichloropropane	6.77	77	117285	34.048	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	97640	47.538	ug/l	94
28) Bromochloromethane	7.15	49	85048	47.155	ug/l	97
29) Tetrahydrofuran	7.17	42	225698	239.921	ug/l	100
30) Chloroform	7.33	83	185386	46.679	ug/l	98
31) Cyclohexane	7.61	56	165453	48.231	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	162254	45.695	ug/l	97
36) 1,1-Dichloropropene	7.75	75	126270	46.028	ug/l	99
37) Ethyl Acetate	6.88	43	129723	45.267	ug/l	99
38) Carbon Tetrachloride	7.73	117	140411	43.276	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	160955	48.753	ug/l	97
40) Benzene	8.00	78	374419	45.738	ug/l	100
41) Methacrylonitrile	7.13	41	55931m	43.252	ug/l	
42) 1,2-Dichloroethane	8.09	62	156122	44.808	ug/l	99
43) Isopropyl Acetate	8.13	43	223347	46.726	ug/l #	91
44) Trichloroethene	8.80	130	90679	45.466	ug/l	96
45) 1,2-Dichloropropane	9.08	63	106995	48.292	ug/l	97
46) Dibromomethane	9.17	93	68963	47.505	ug/l	99
47) Bromodichloromethane	9.37	83	155300	47.632	ug/l	99
48) Methyl methacrylate	9.17	41	110195	46.870	ug/l	99
49) 1,4-Dioxane	9.17	88	39570	908.323	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	739716	239.184	ug/l	100
52) Toluene	10.12	92	238476	47.182	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	159705	44.531	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	165539	45.973	ug/l	97
55) 1,1,2-Trichloroethane	10.54	97	99558	46.120	ug/l	98
56) Ethyl methacrylate	10.40	69	160781	49.482	ug/l	98
57) 1,3-Dichloropropane	10.68	76	175475	47.841	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	221981	241.692	ug/l	100
59) 2-Hexanone	10.72	43	546768	237.009	ug/l	100
60) Dibromochloromethane	10.88	129	118527	48.114	ug/l	98
61) 1,2-Dibromoethane	10.98	107	99712	46.811	ug/l	99
64) Tetrachloroethene	10.60	164	78412	46.199	ug/l	98
65) Chlorobenzene	11.41	112	257855	46.892	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	106192	48.089	ug/l	97
67) Ethyl Benzene	11.49	91	477955	48.571	ug/l	98
68) m/p-Xylenes	11.60	106	352647	98.725	ug/l	98
69) o-Xylene	11.92	106	168640	50.379	ug/l	98
70) Styrene	11.94	104	304811	51.803	ug/l	97
71) Bromoform	12.10	173	84741	46.902	ug/l #	100
73) Isopropylbenzene	12.23	105	471824	47.759	ug/l	99
74) N-amyl acetate	12.05	43	199922	49.936	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	157891	45.400	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	153501m	43.383	ug/l	
77) Bromobenzene	12.50	156	113924	46.411	ug/l	95
78) n-propylbenzene	12.57	91	552805	47.669	ug/l	100
79) 2-Chlorotoluene	12.65	91	337417	46.398	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	424947	49.581	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	51418	44.362	ug/l	99
82) 4-Chlorotoluene	12.75	91	358577	47.847	ug/l	99
83) tert-Butylbenzene	12.97	119	354090	48.825	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	415867	50.719	ug/l	100
85) sec-Butylbenzene	13.15	105	466138	48.945	ug/l	100
86) p-Isopropyltoluene	13.26	119	419161	49.584	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	205679	46.903	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	205461	46.714	ug/l	98
89) n-Butylbenzene	13.59	91	340980	47.692	ug/l	100
90) Hexachloroethane	13.85	117	82630	45.347	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	202782	49.324	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	34516	46.230	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	93582	42.890	ug/l	97
94) Hexachlorobutadiene	14.99	225	61930	47.791	ug/l	99
95) Naphthalene	15.10	128	244851	41.294	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	95543	44.238	ug/l	100

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

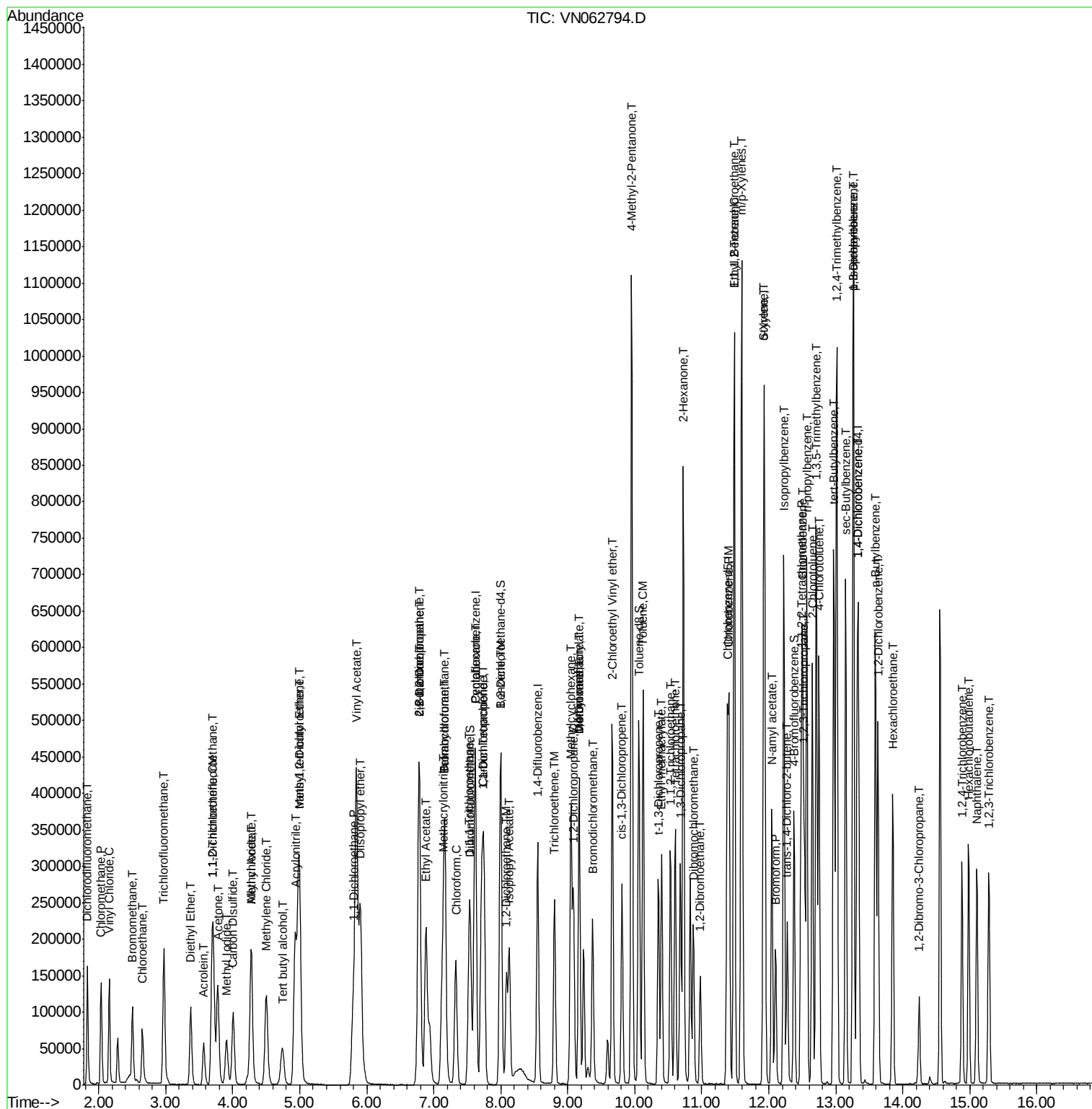
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080720\
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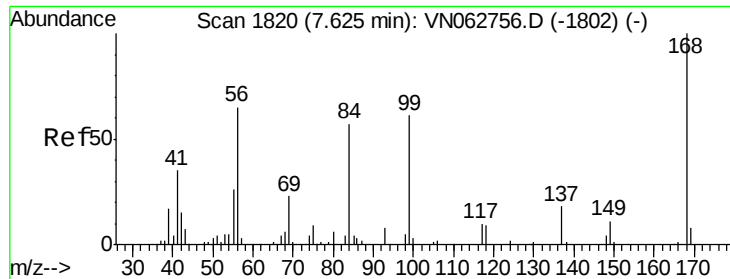
Instrument :
MSVOA_N
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 171098

Ion Ratio Lower Upper

168 100

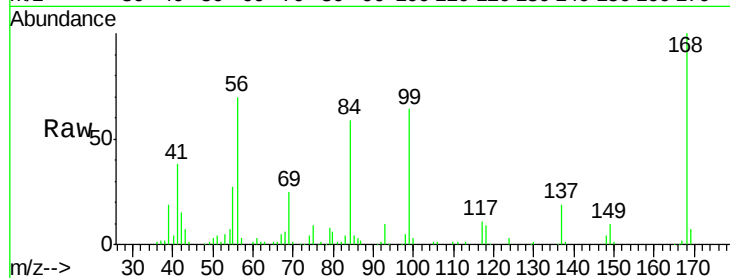
99 63.1 52.9 79.3

Manual Integrations

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8/10/2020 12:24:40 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

60000

40000

20000

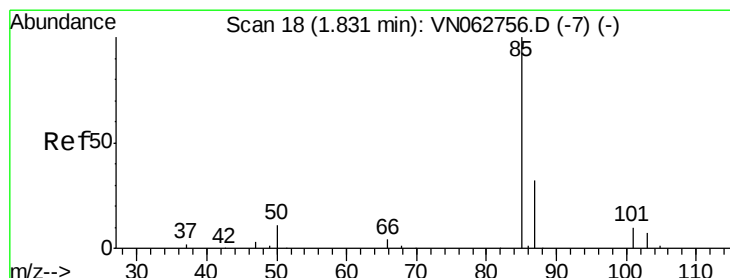
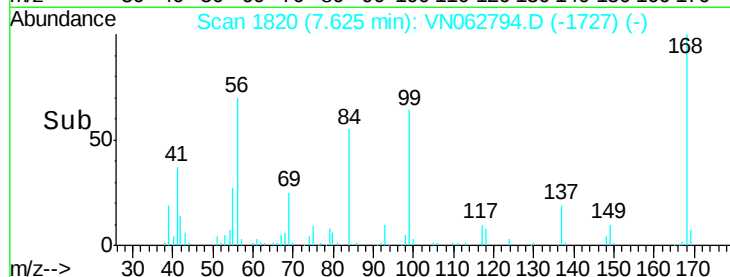
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 52.449 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062794.D

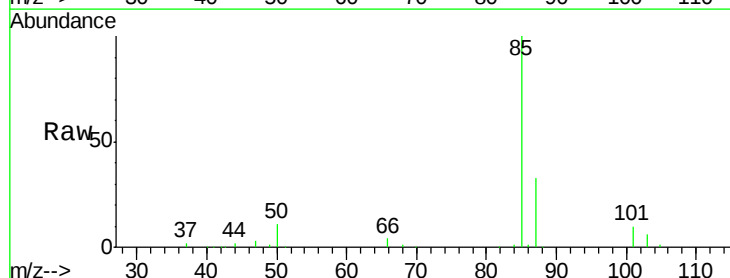
Acq: 7 Aug 2020 21:19

Tgt Ion: 85 Resp: 128503

Ion Ratio Lower Upper

85 100

87 32.5 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

100000

80000

60000

40000

20000

0

1.75

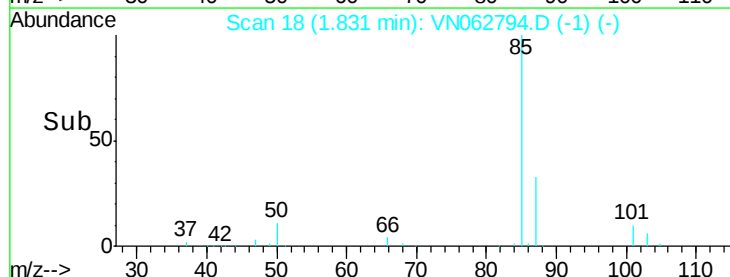
1.80

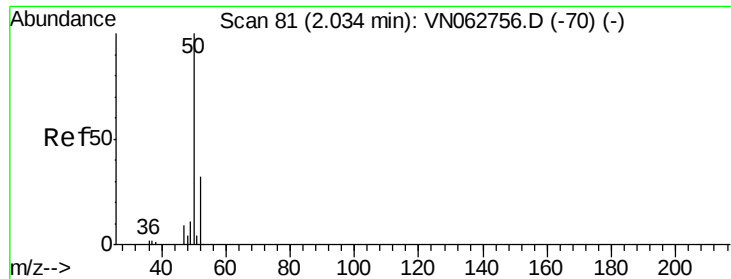
1.85

1.90

1.95

Time-->





#3

Chloromethane

Concen: 57.243 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 132347

Ion Ratio Lower Upper

50 100

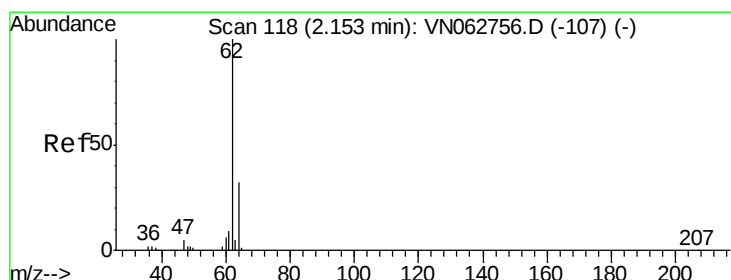
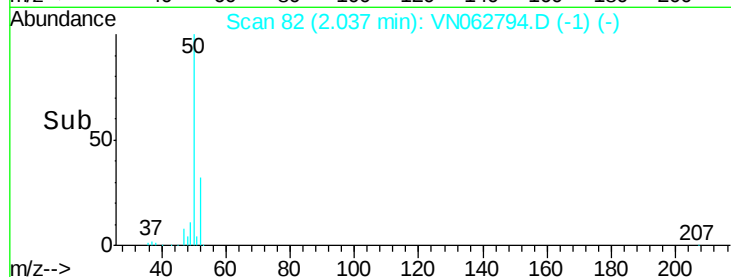
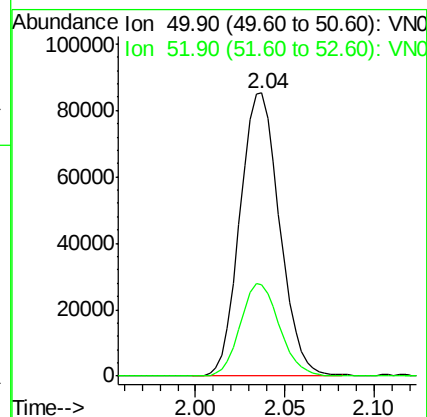
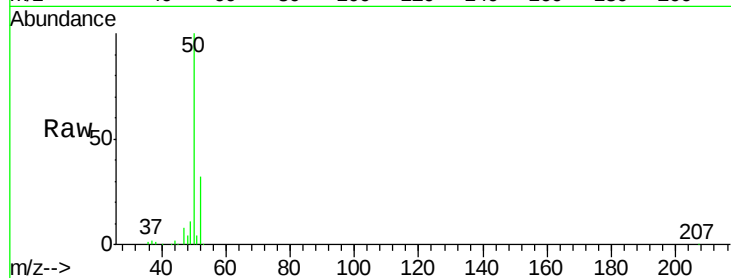
52 32.2 25.6 38.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 57.207 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062794.D

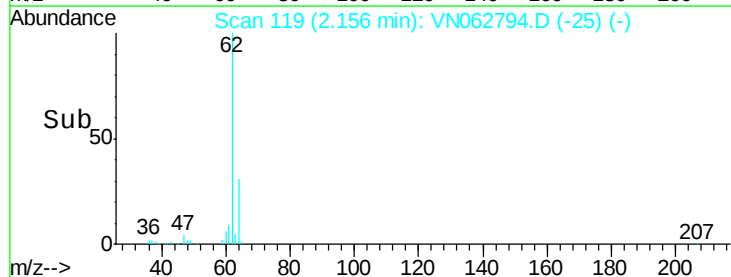
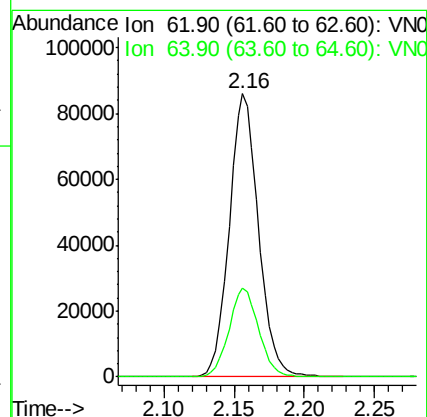
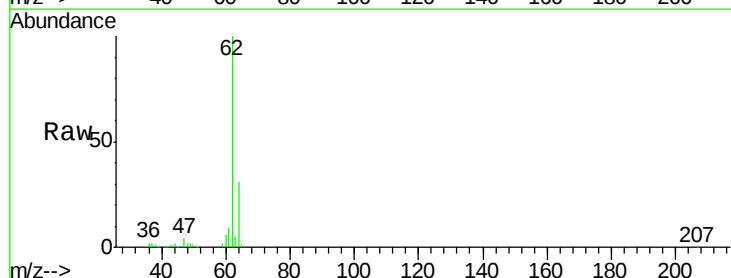
Acq: 7 Aug 2020 21:19

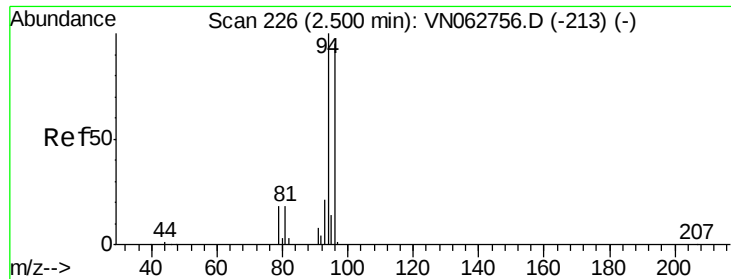
Tgt Ion: 62 Resp: 124055

Ion Ratio Lower Upper

62 100

64 31.3 25.8 38.8





#5

Bromomethane

Concen: 48.315 ug/l

RT: 2.50 min Scan# 227

Delta R.T. 0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 69357

Ion Ratio Lower Upper

94 100

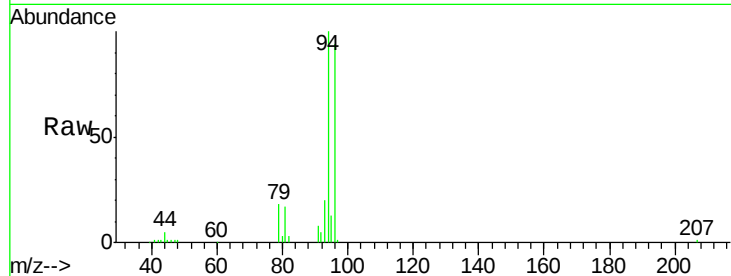
96 94.3 76.2 114.4

Manual Integrations

APPROVED

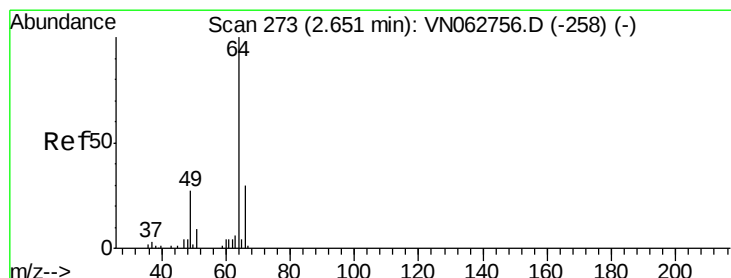
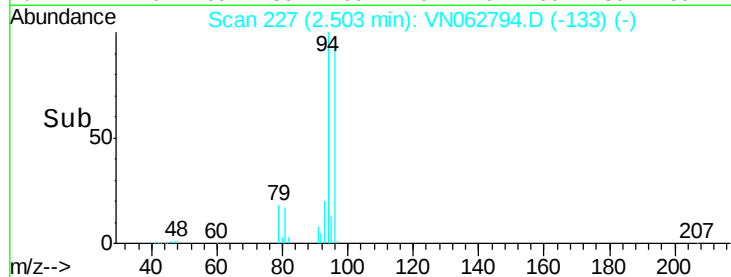
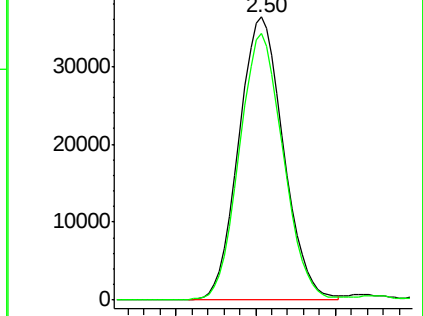
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 51.265 ug/l

RT: 2.65 min Scan# 273

Delta R.T. -0.00 min

Lab File: VN062794.D

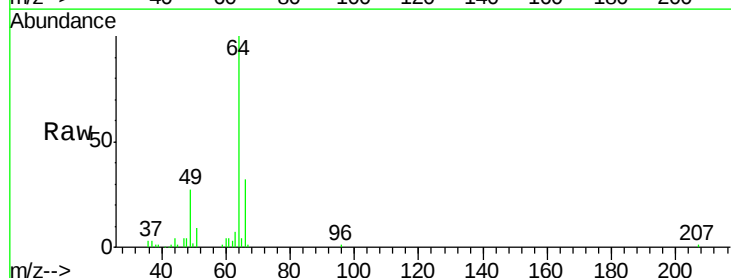
Acq: 7 Aug 2020 21:19

Tgt Ion: 64 Resp: 73135

Ion Ratio Lower Upper

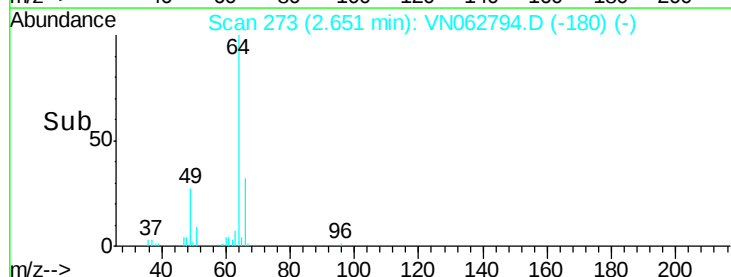
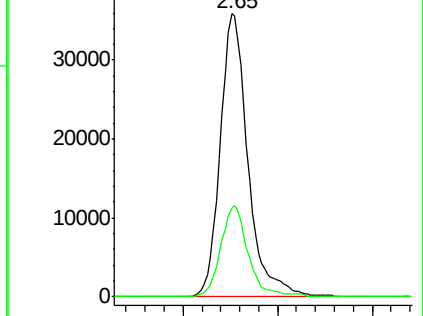
64 100

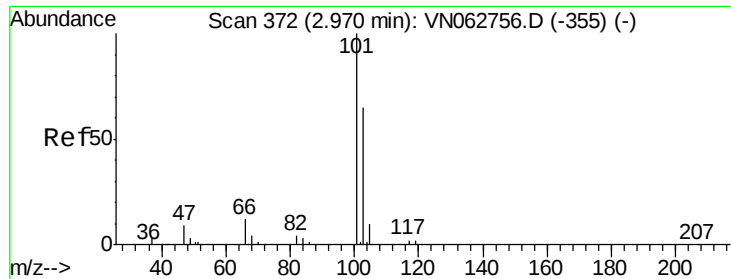
66 31.5 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

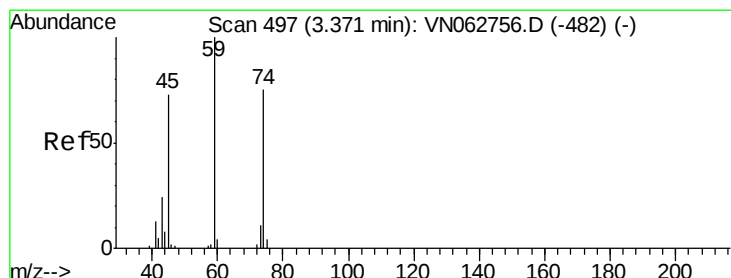
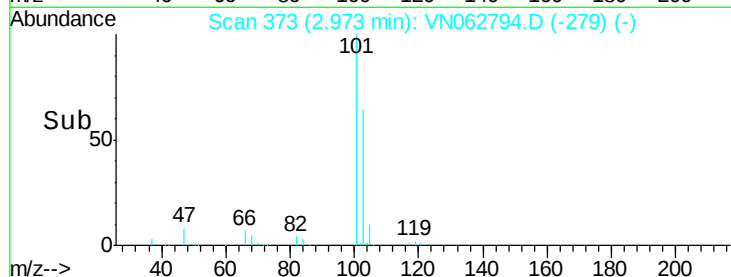
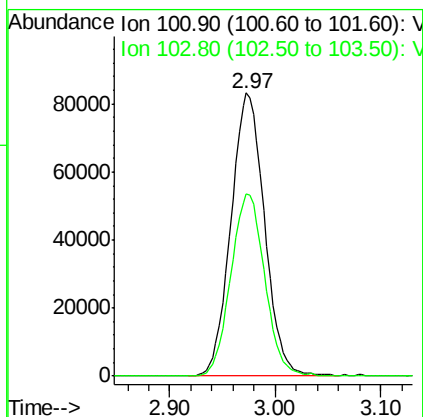
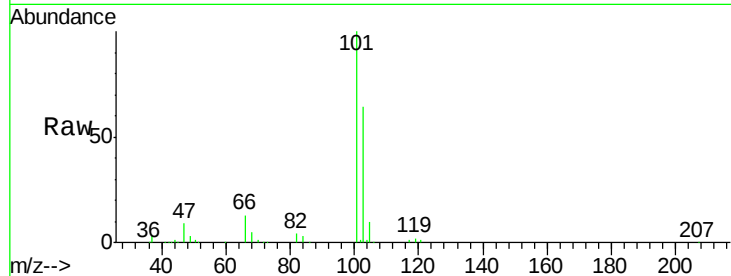
Trichlorofluoromethane
 Concen: 47.579 ug/l
 RT: 2.97 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VN062794.D
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Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	52.3	78.5

Manual Integrations
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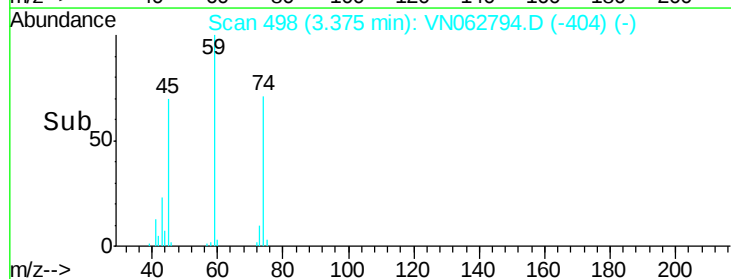
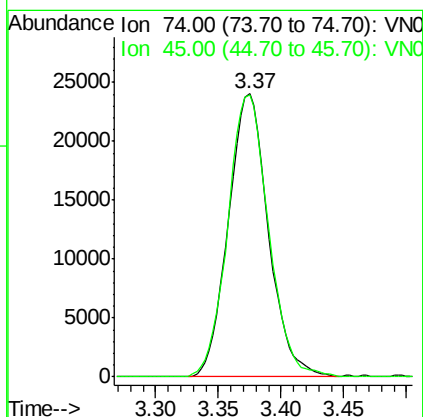
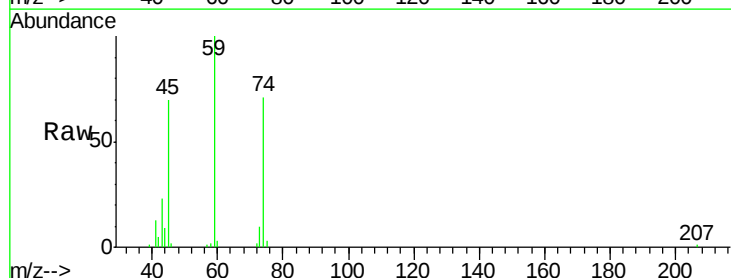
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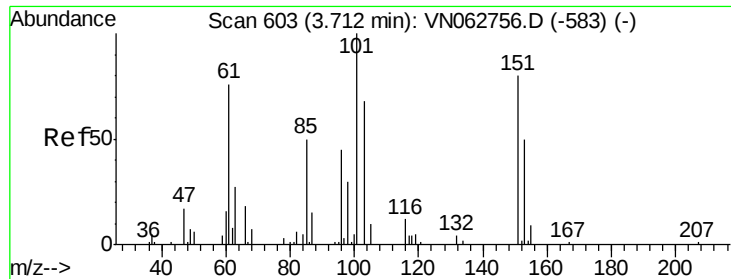


#8

Diethyl Ether
 Concen: 48.087 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062794.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.7	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.706 ug/l

RT: 3.71 min Scan# 603

Delta R.T. 0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Instrument :

MSVOA_N

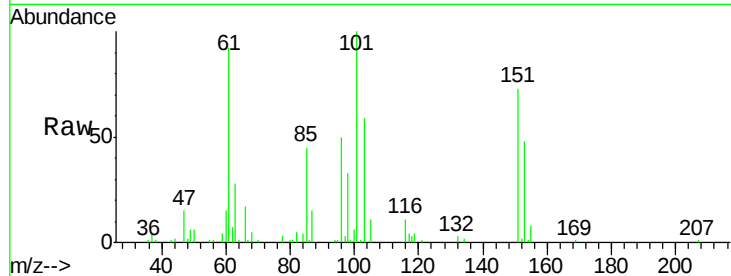
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	80589
Ion Ratio	Lower	Upper	
101	100		
85	46.1	38.5	57.7
151	77.7	63.0	94.6

Manual Integrations
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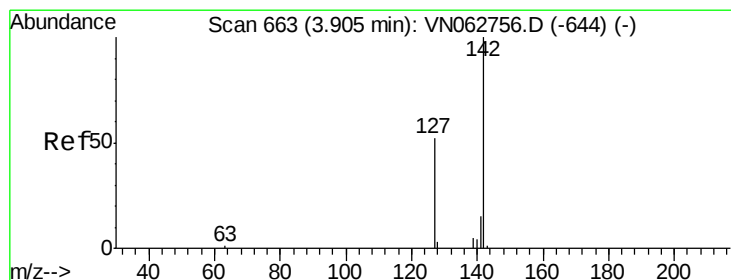
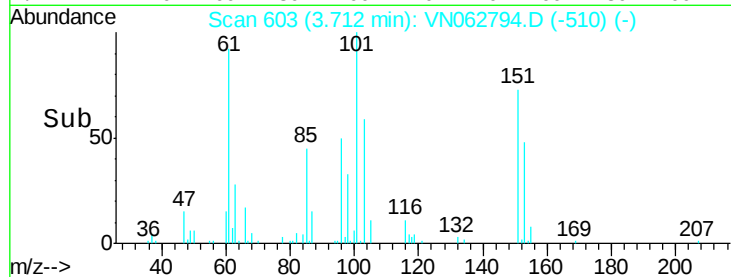
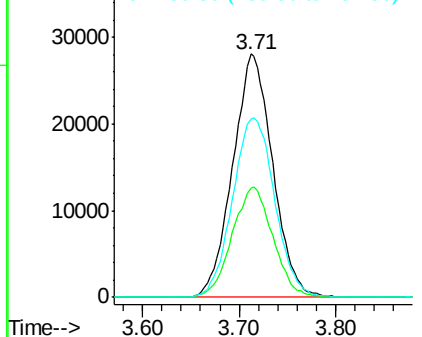
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 54.205 ug/l

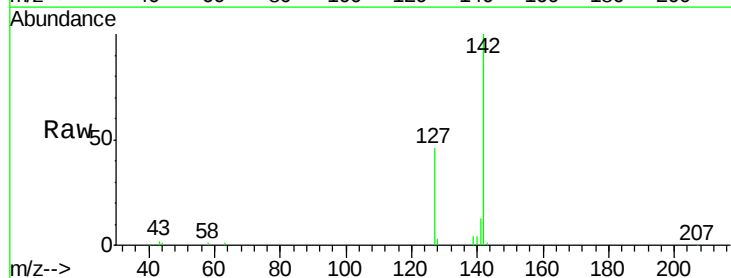
RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

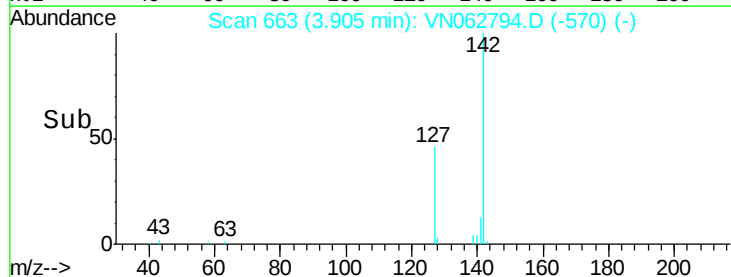
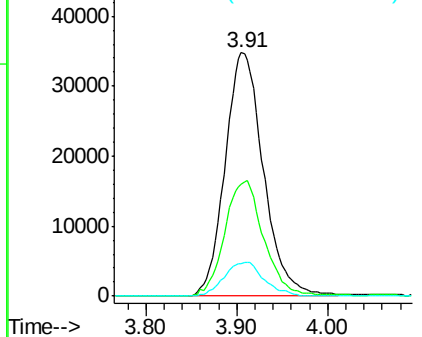
Tgt Ion:	142	Resp:	101591
Ion Ratio	Lower	Upper	
142	100		
127	48.1	41.4	62.0
141	14.4	12.2	18.4

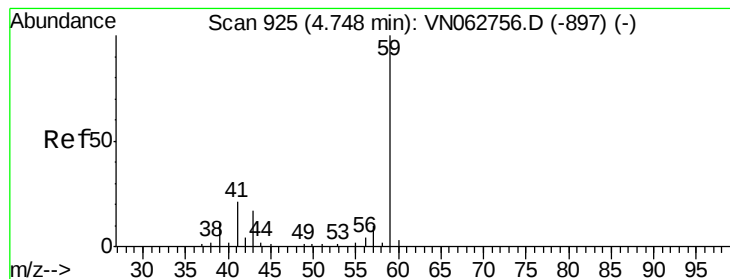


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

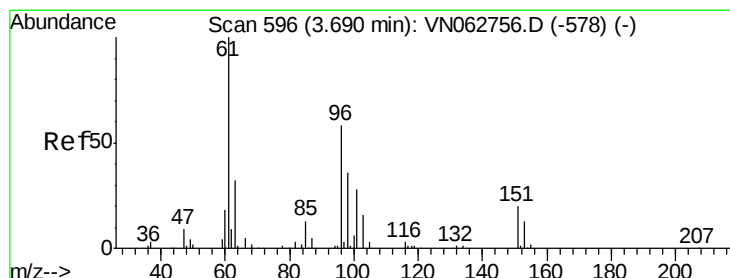
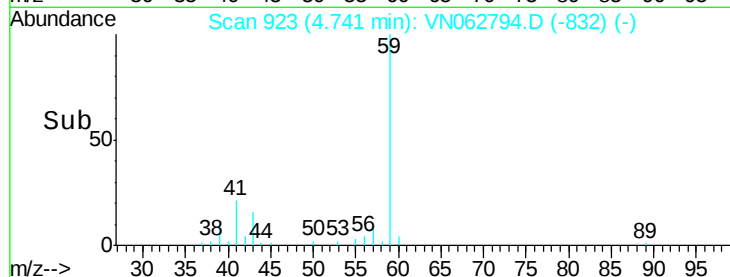
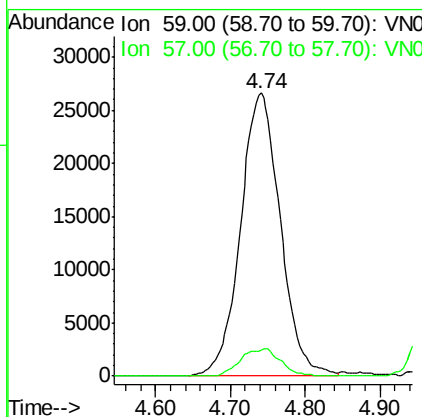
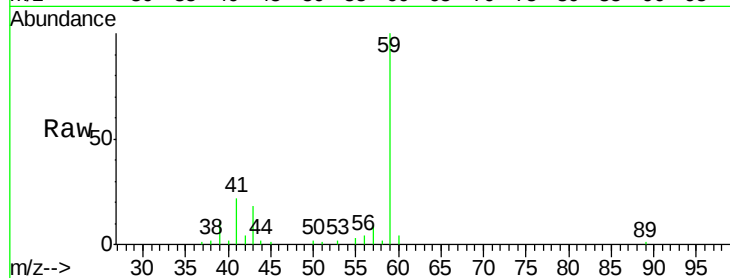
Tert butyl alcohol
 Concen: 212.541 ug/l
 RT: 4.74 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.3	12.5

Manual Integrations
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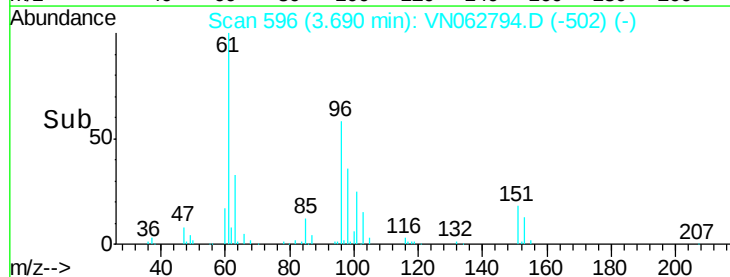
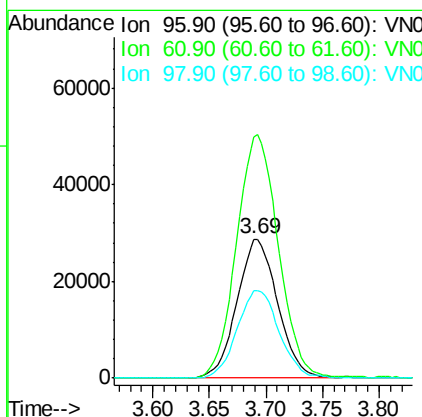
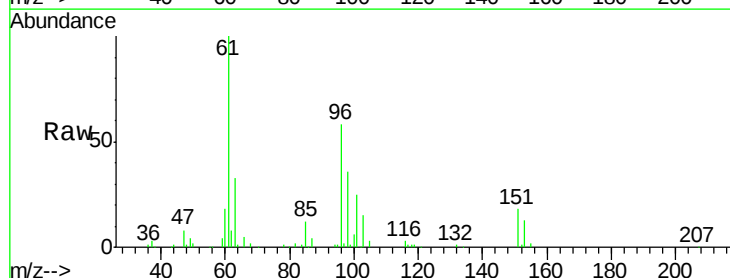
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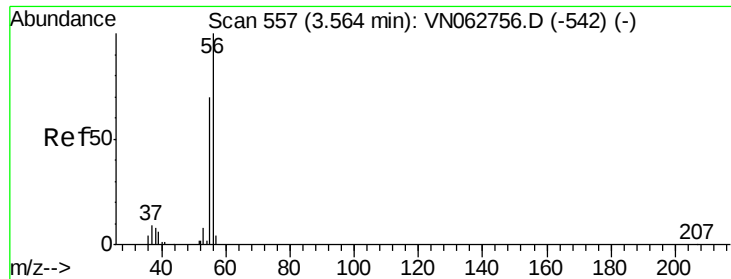


#12

1,1-Dichloroethene
 Concen: 49.345 ug/l
 RT: 3.69 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.6	139.0	208.6
98	62.8	50.2	75.4





#13

Acrolein

Concen: 227.522 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 63883

Ion Ratio Lower Upper

56 100

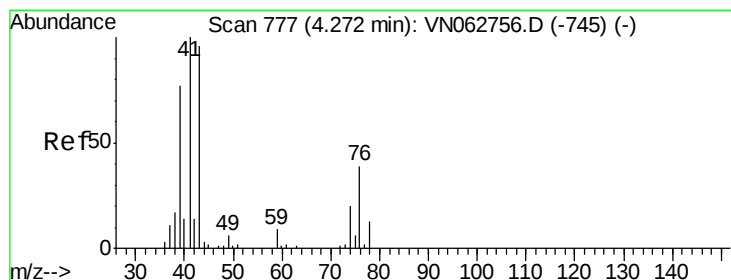
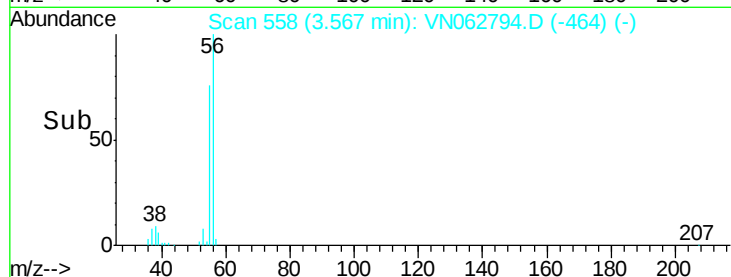
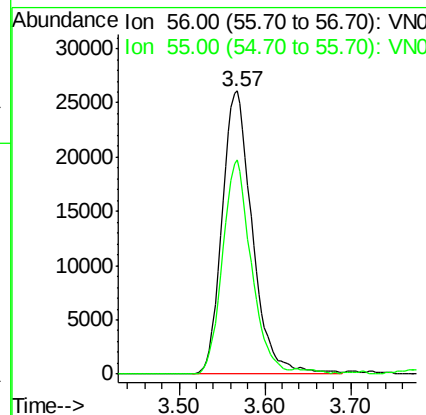
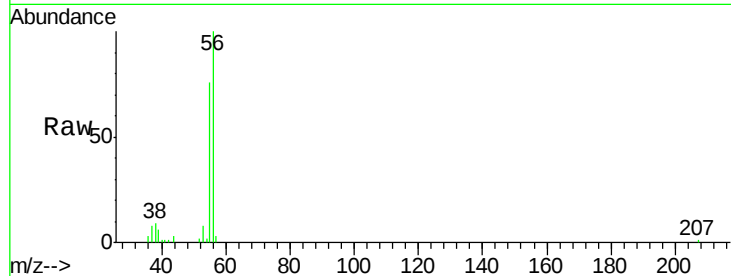
55 71.6 57.0 85.6

Manual Integrations

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#14

Allyl chloride

Concen: 45.482 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

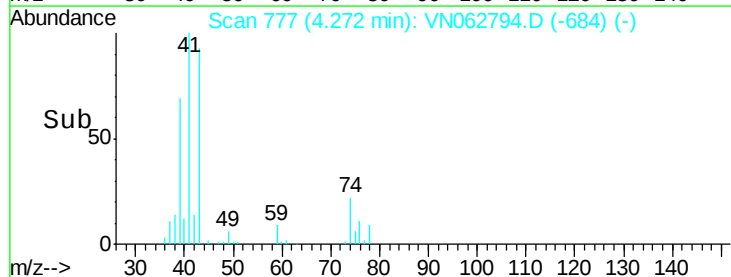
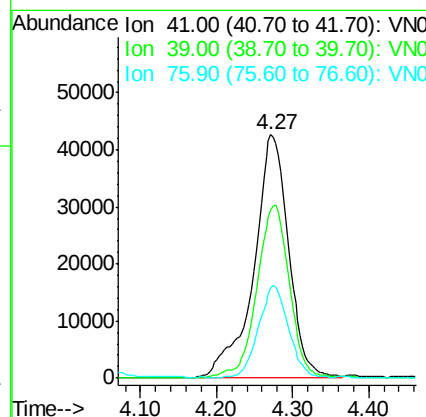
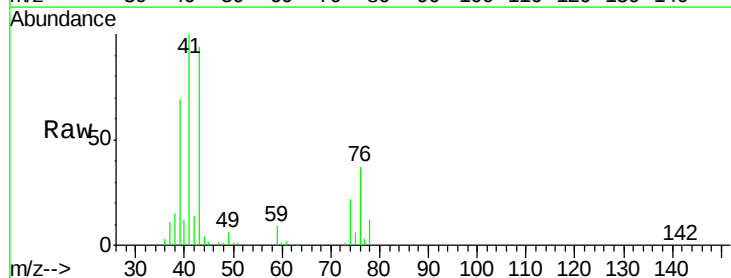
Tgt Ion: 41 Resp: 136243

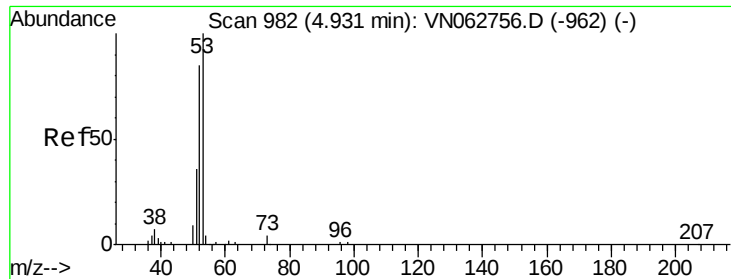
Ion Ratio Lower Upper

41 100

39 66.0 55.7 83.5

76 32.9 27.5 41.3





#15

Acrylonitrile

Concen: 248.312 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Instrument :

MSVOA_N

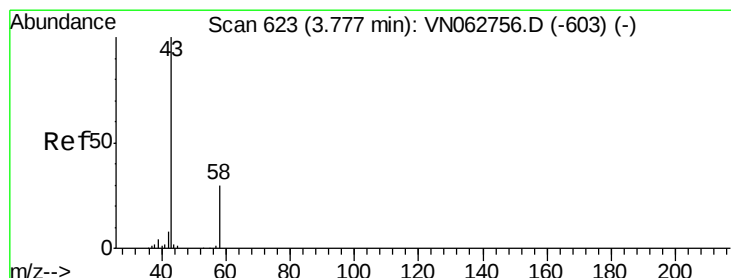
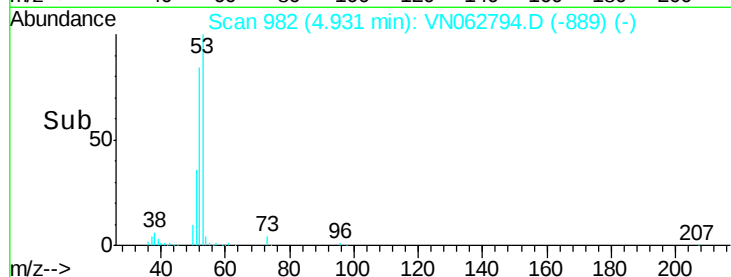
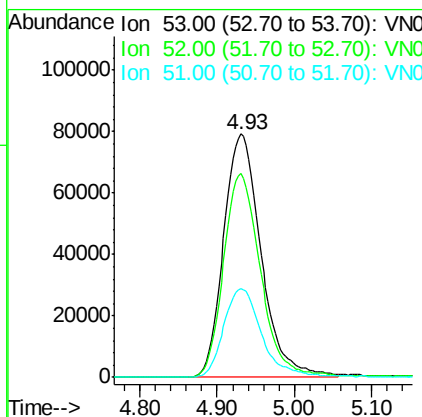
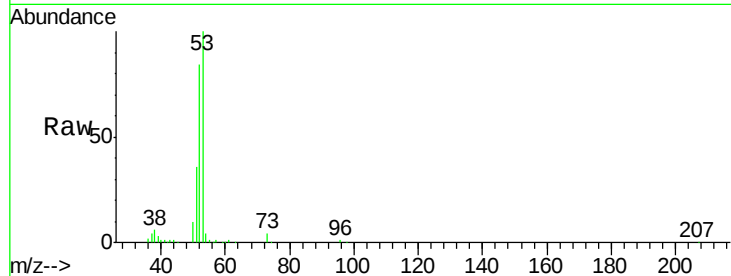
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	267081
Ion Ratio	Lower	Upper	
53	100		
52	82.6	66.8	100.2
51	37.0	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 216.738 ug/l

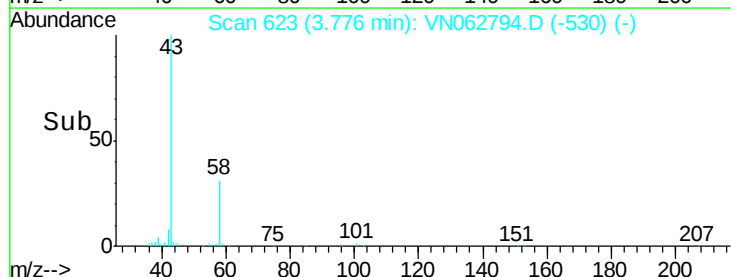
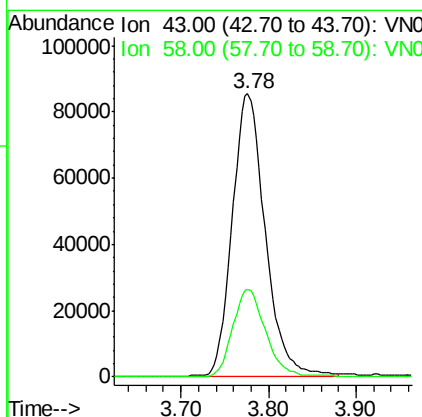
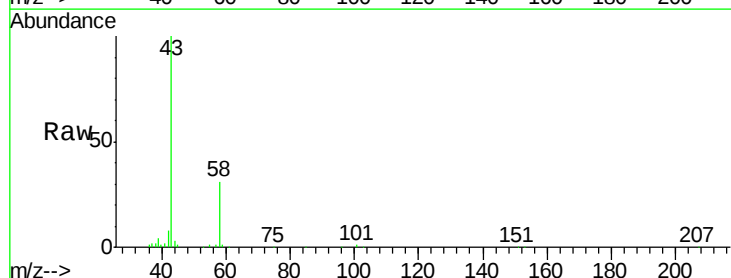
RT: 3.78 min Scan# 623

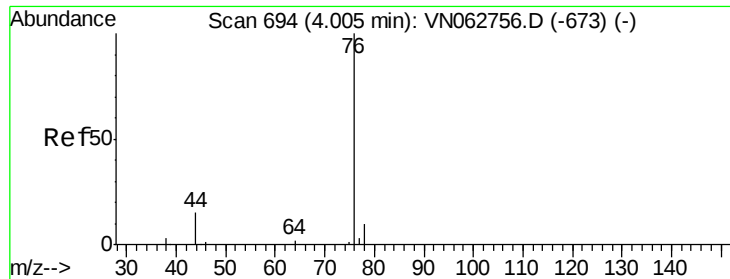
Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Tgt Ion:	43	Resp:	221588
Ion Ratio	Lower	Upper	
43	100		
58	31.2	24.1	36.1





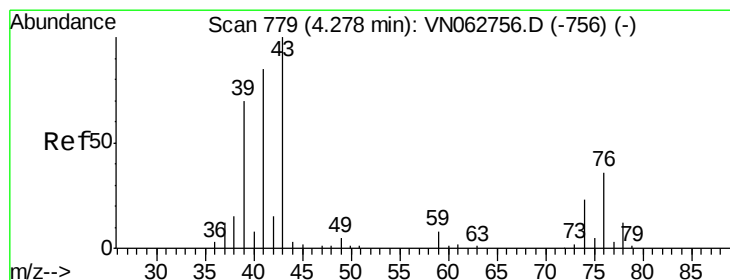
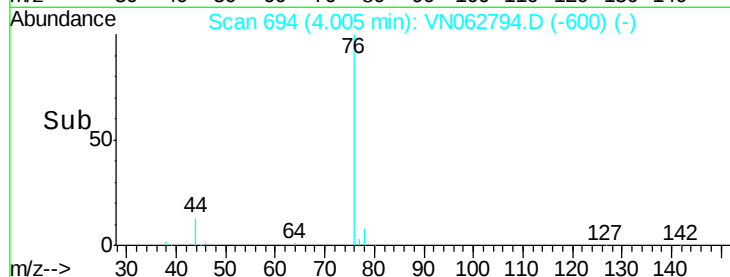
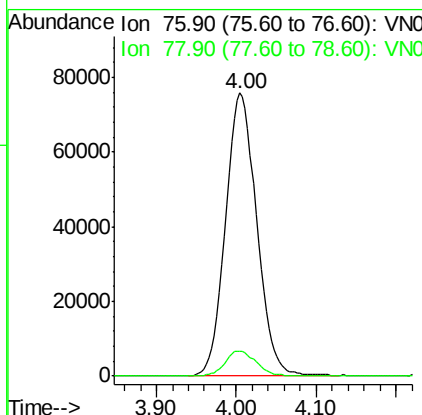
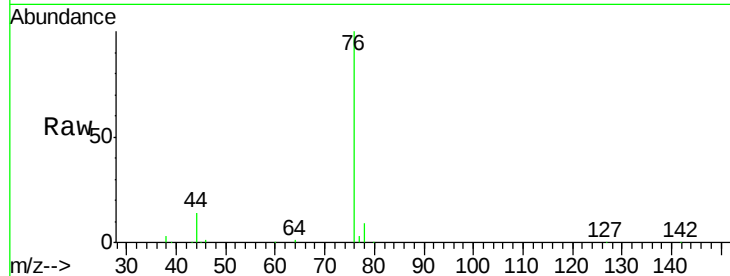
#17
Carbon Disulfide
Concen: 48.734 ug/l
RT: 4.00 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.7	11.5

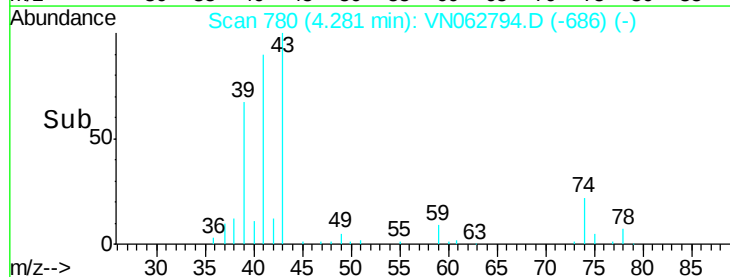
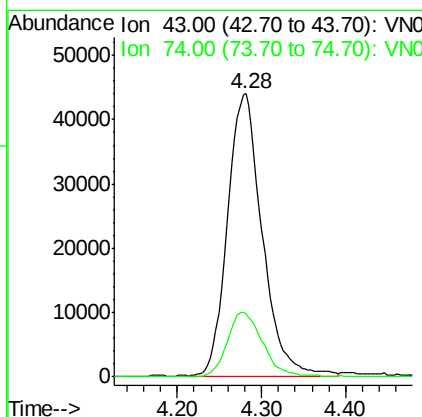
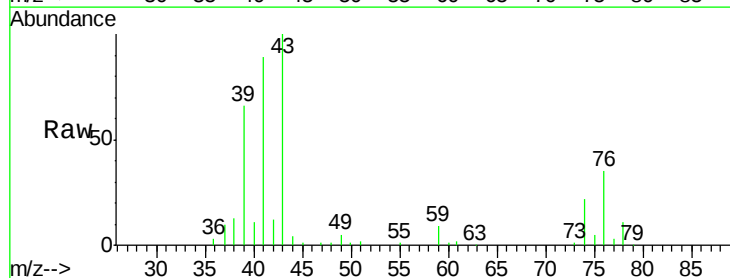
Manual Integrations
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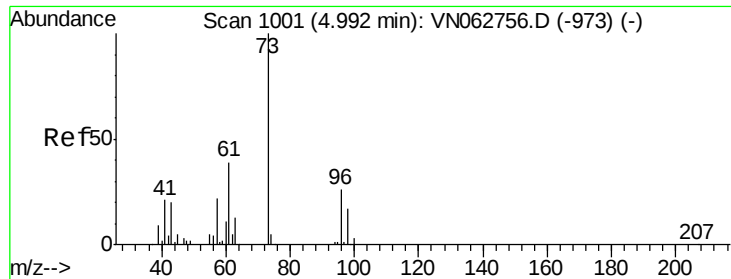
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#18
Methyl Acetate
Concen: 51.784 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	18.6	28.0





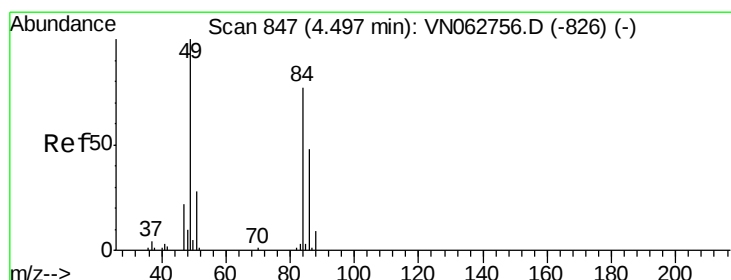
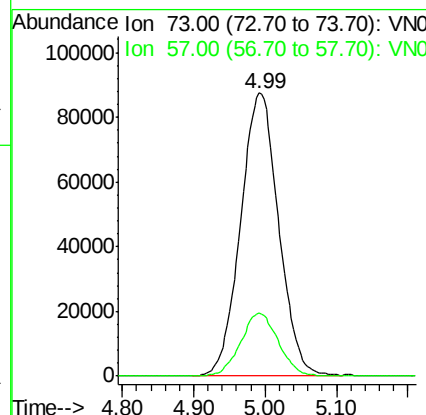
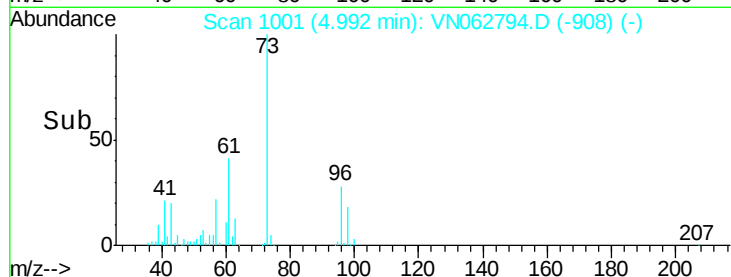
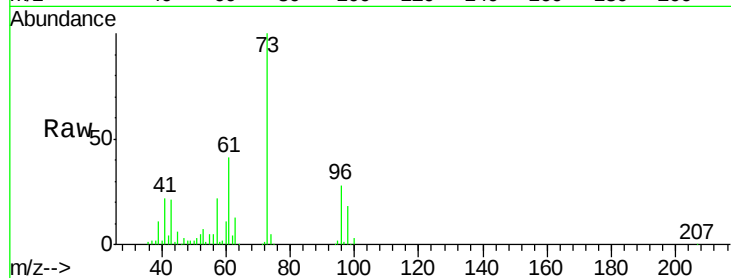
#19
Methyl tert-butyl Ether
Concen: 49.000 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 324820
Ion Ratio Lower Upper
73 100
57 22.2 17.5 26.3

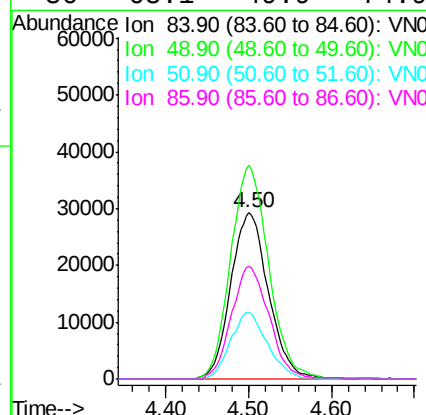
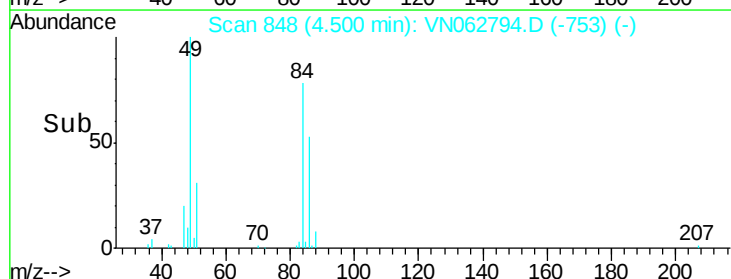
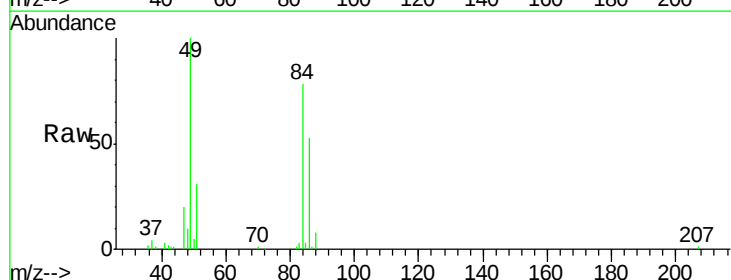
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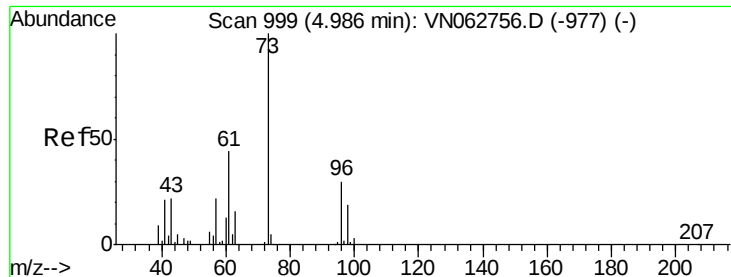
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#20
Methylene Chloride
Concen: 49.472 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Tgt Ion: 84 Resp: 92577
Ion Ratio Lower Upper
84 100
49 128.5 103.4 155.2
51 40.4 29.3 43.9
86 68.1 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 46.781 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Instrument :

MSVOA_N

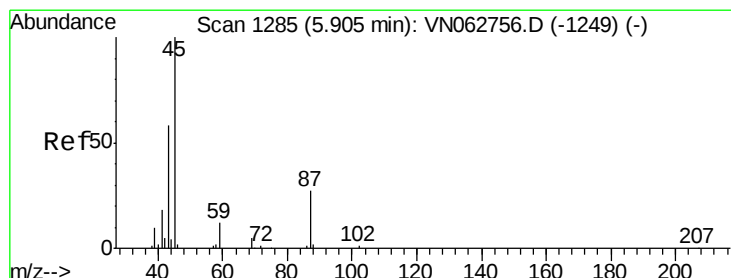
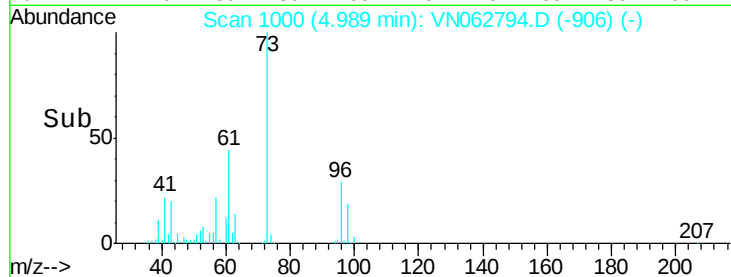
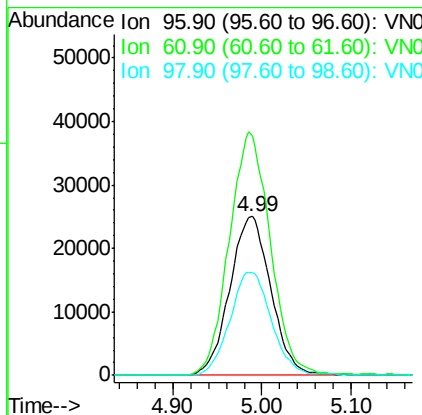
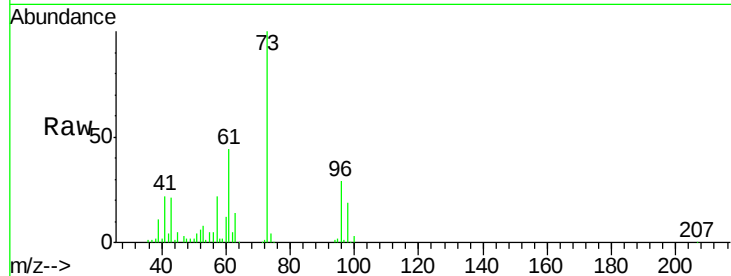
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	80099
Ion	Ratio	Lower	Upper
96	100		
61	151.1	118.8	178.2
98	64.9	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.223 ug/l

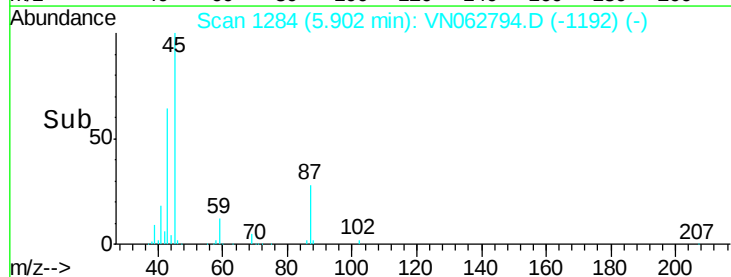
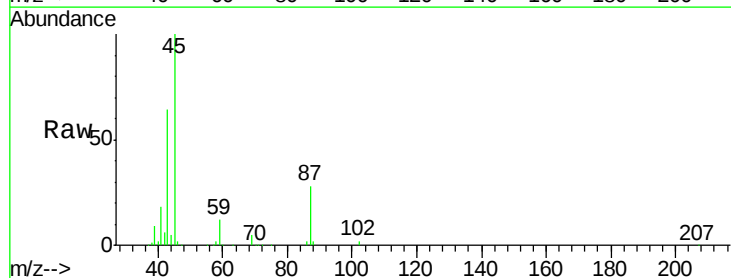
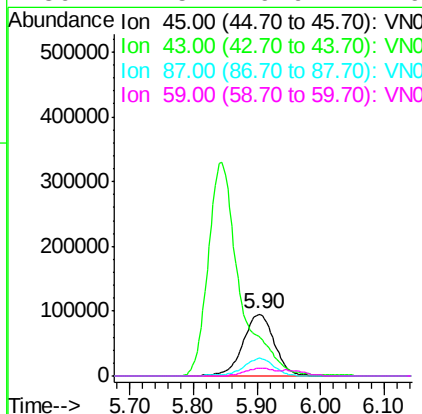
RT: 5.90 min Scan# 1284

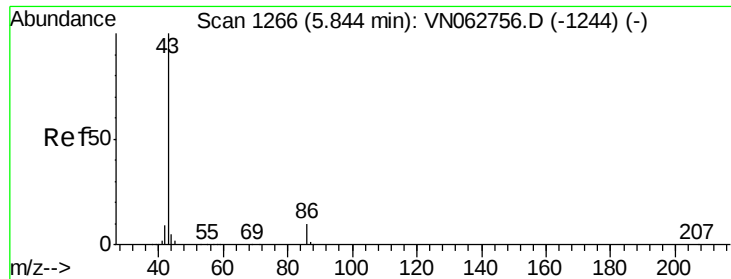
Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Tgt Ion:	45	Resp:	326644
Ion	Ratio	Lower	Upper
45	100		
43	62.6	47.4	71.2
87	28.2	22.8	34.2
59	11.5	9.9	14.9





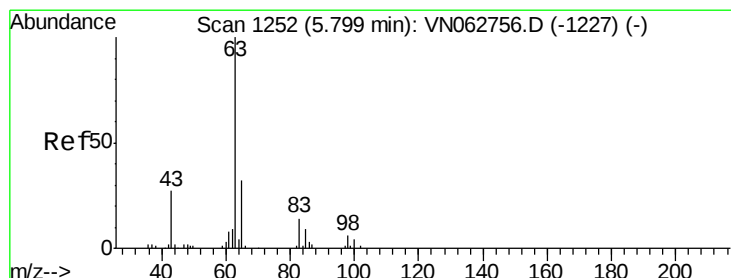
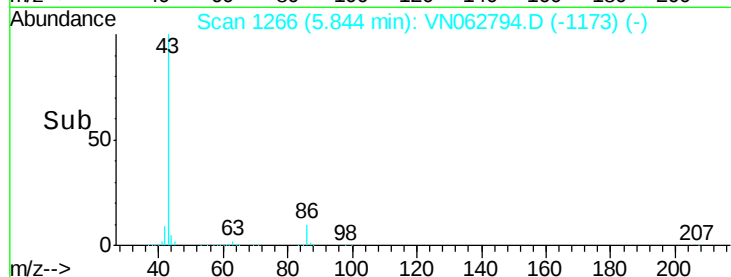
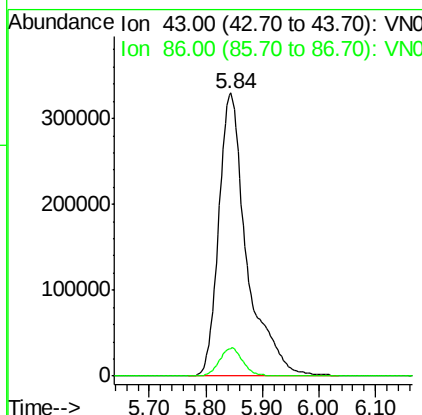
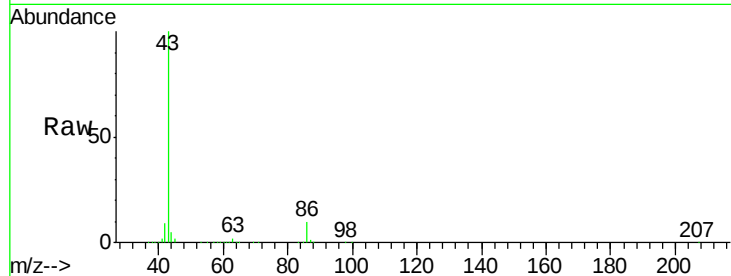
#23
 Vinyl Acetate
 Concen: 234.796 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1138857
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.7 11.5

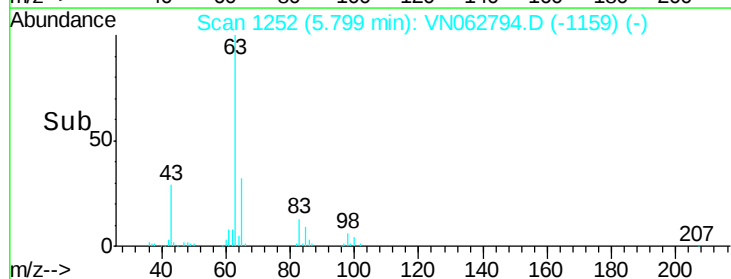
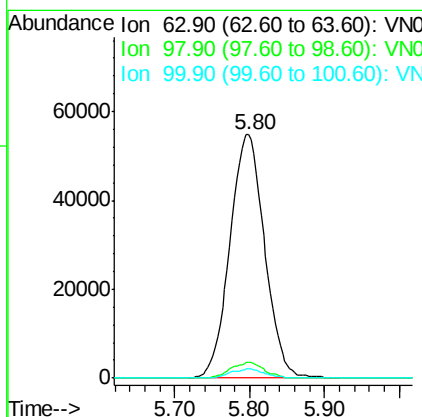
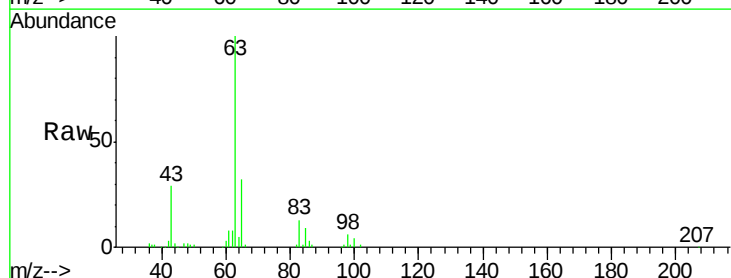
Manual Integrations
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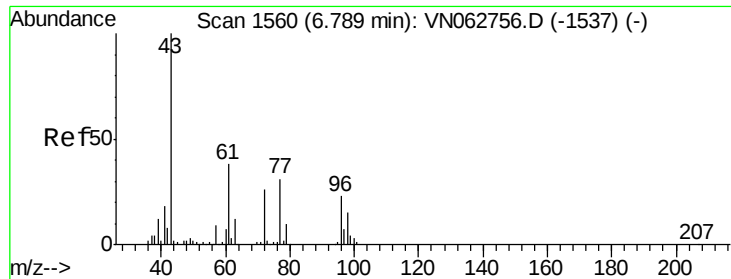
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#24
 1,1-Dichloroethane
 Concen: 47.296 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Tgt Ion: 63 Resp: 176746
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.0 9.2
 100 3.9 1.9 5.7





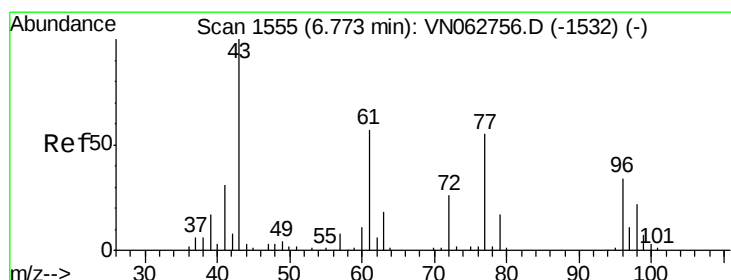
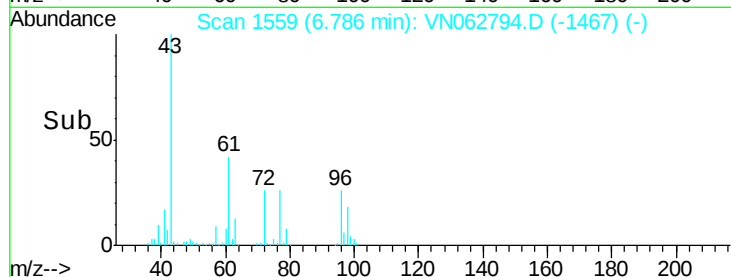
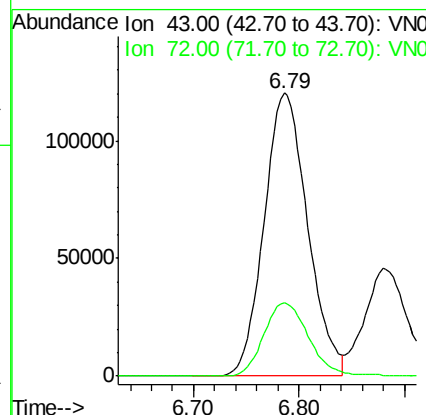
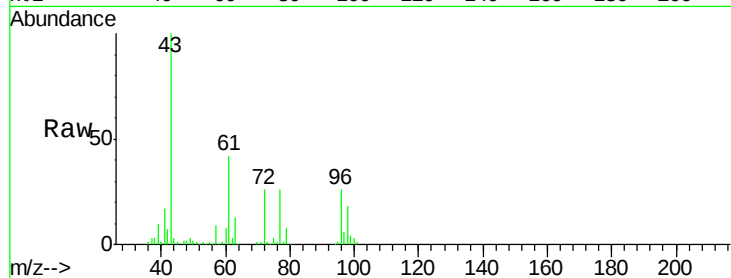
#25
2-Butanone
Concen: 238.066 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	344720
Ion	Ratio	Lower	Upper
43	100		
72	25.8	21.1	31.7

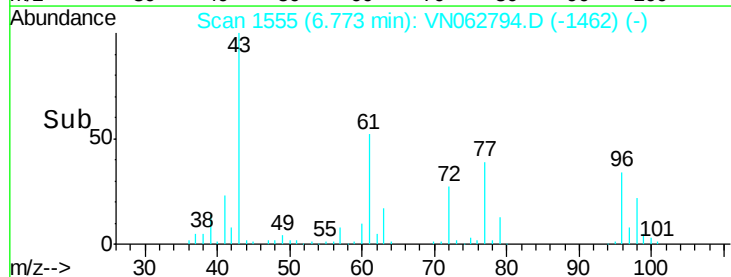
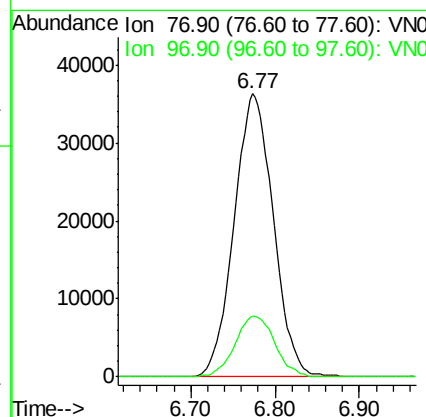
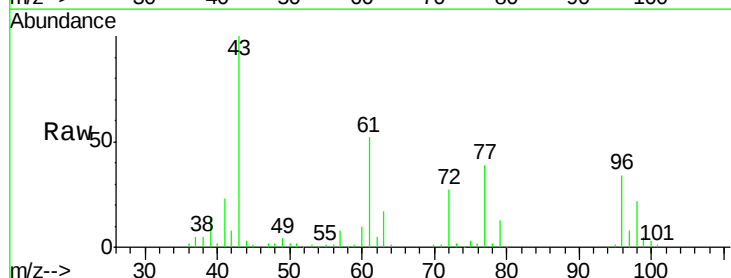
Manual Integrations
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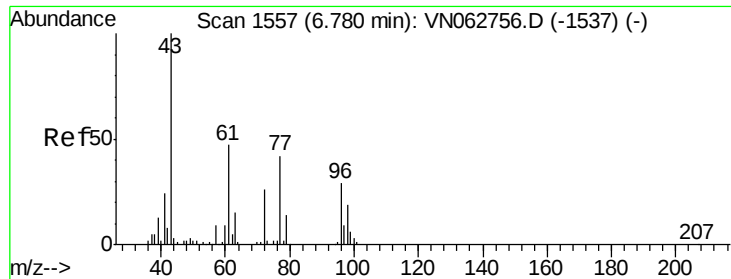
MMDadoda
8/10/2020 12:24:40 PM



#26
2,2-Dichloropropane
Concen: 34.048 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Tgt Ion	77	Resp	117285
Ion	Ratio	Lower	Upper
77	100		
97	21.7	10.5	31.6





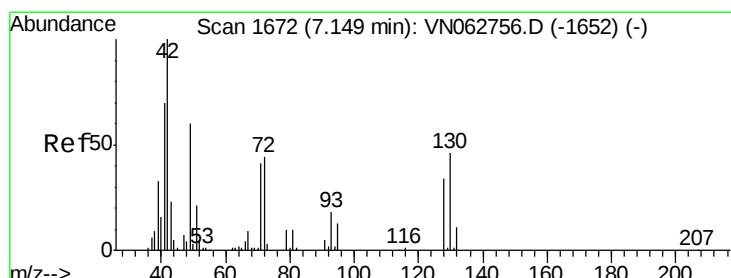
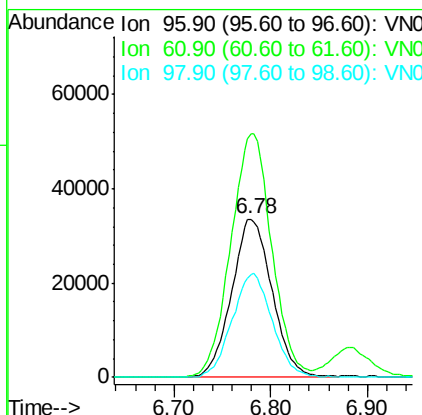
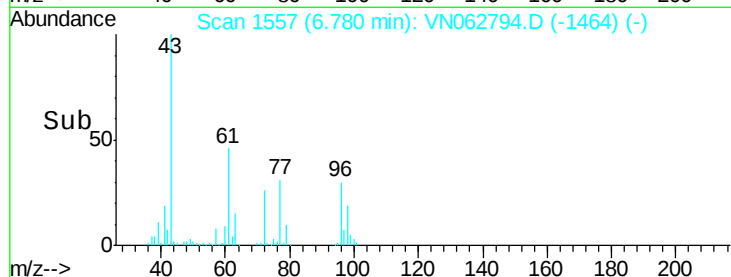
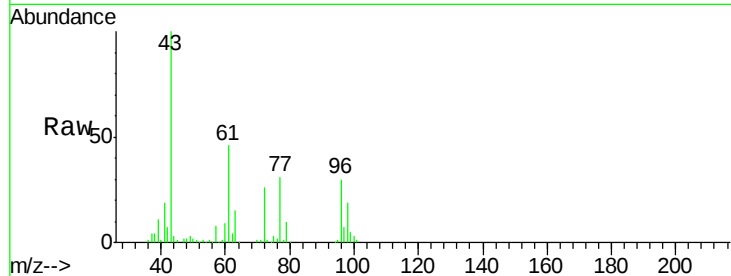
#27
 cis-1,2-Dichloroethene
 Concen: 47.538 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	155.6	0.0	332.2	
98	64.9	0.0	129.4	

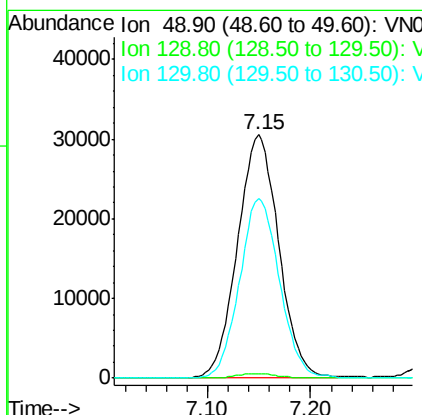
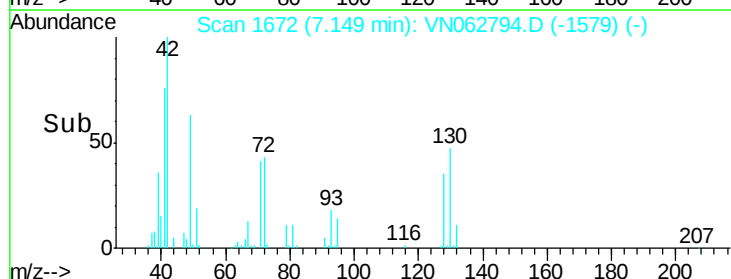
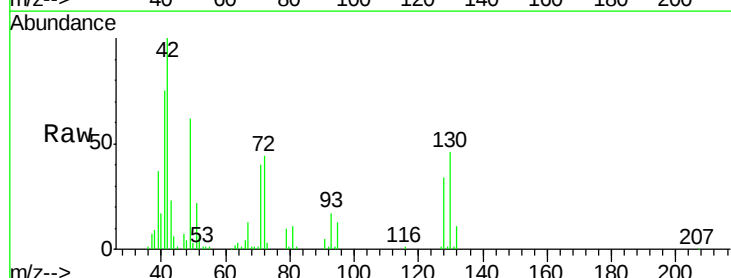
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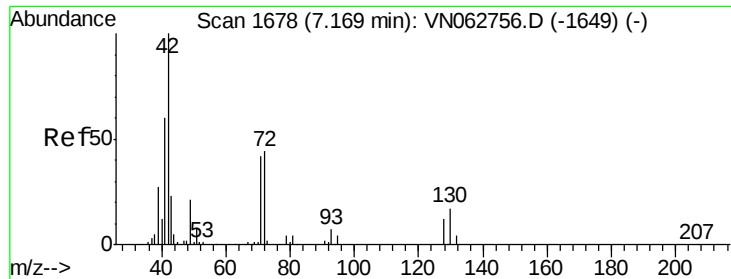
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 8/10/2020 12:24:40 PM



#28
 Bromochloromethane
 Concen: 47.155 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.8	0.0	3.2	
130	71.4	59.0	88.6	





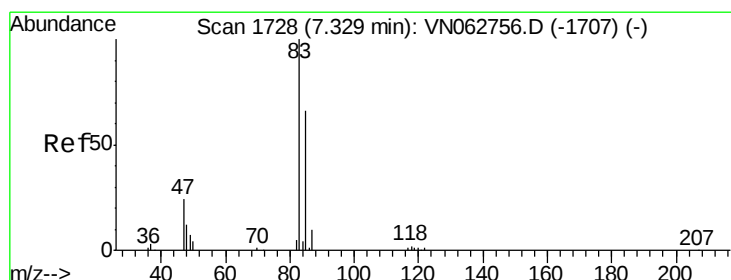
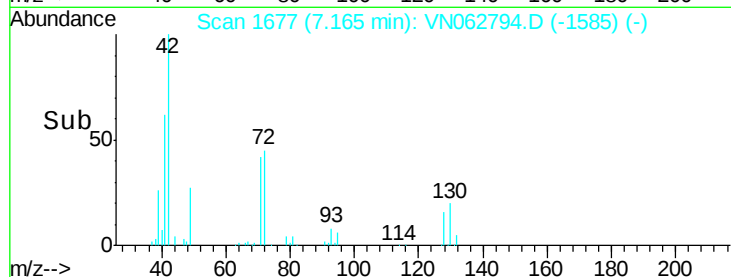
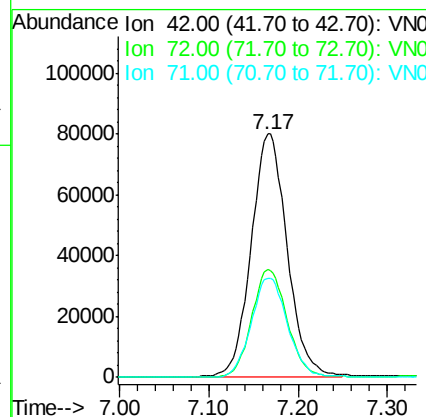
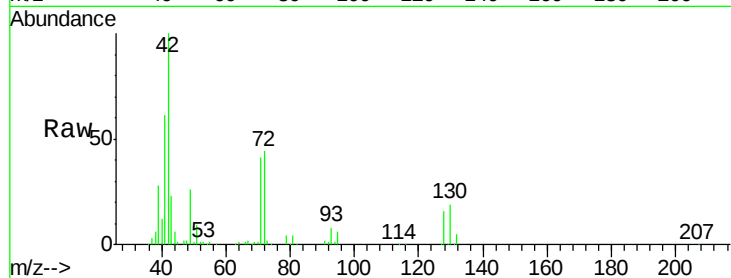
#29
Tetrahydrofuran
Concen: 239.921 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	35.0	52.4
71	41.3	33.2	49.8

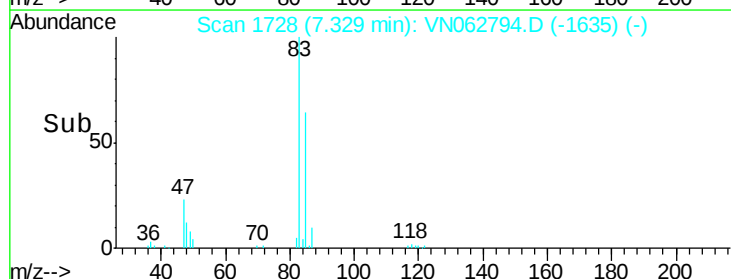
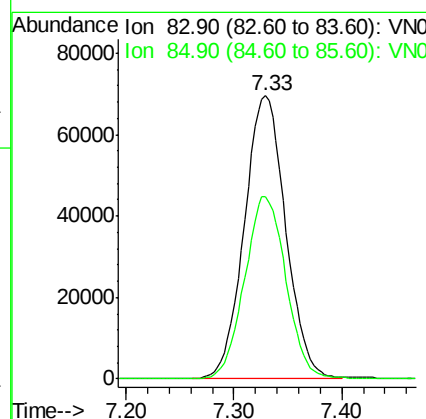
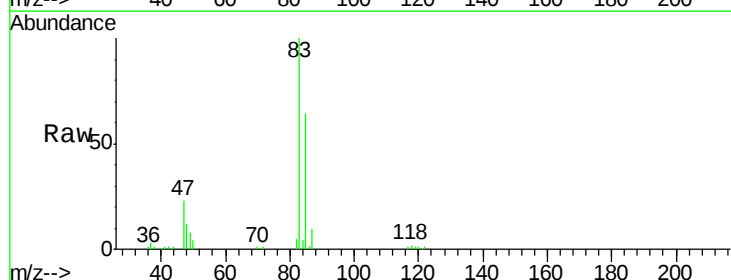
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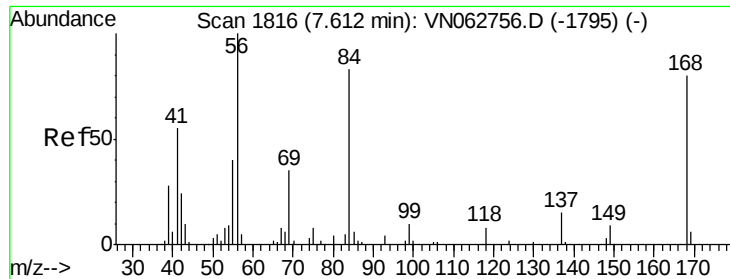
MMDadoda
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#30
Chloroform
Concen: 46.679 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.7	79.1





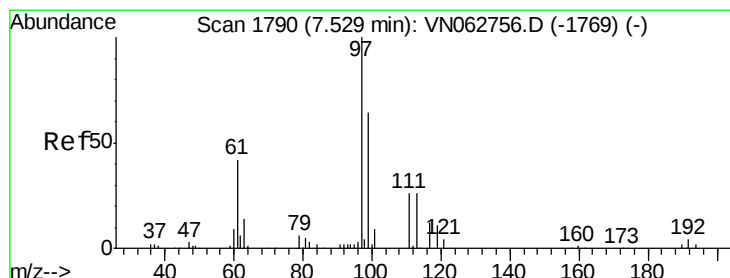
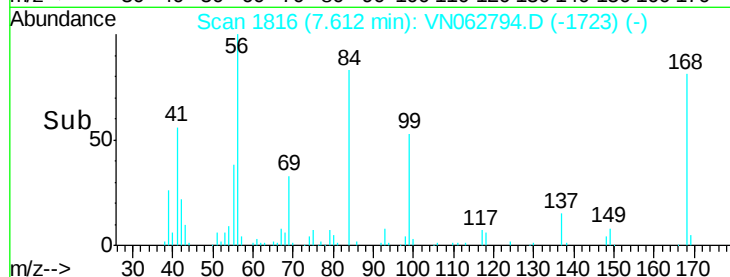
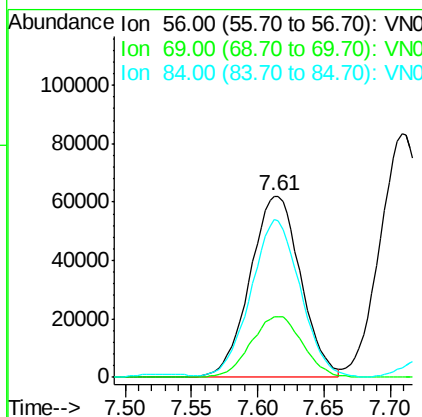
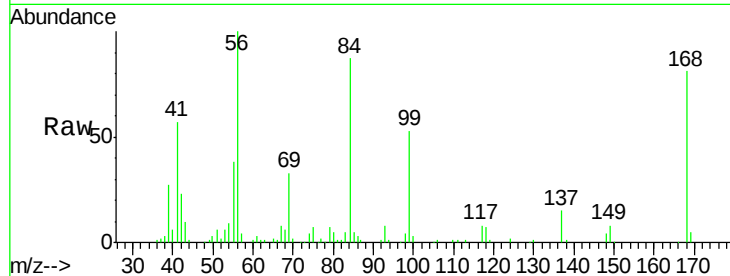
#31
Cyclohexane
Concen: 48.231 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.2	28.1	42.1
84	85.7	66.8	100.2

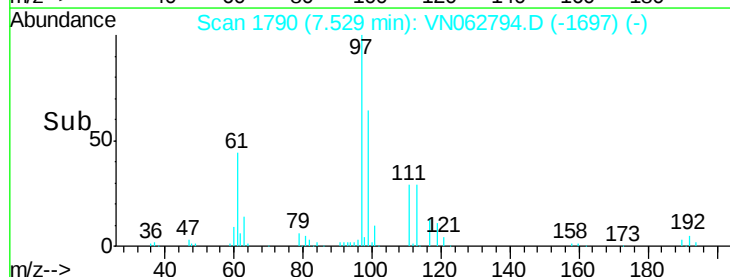
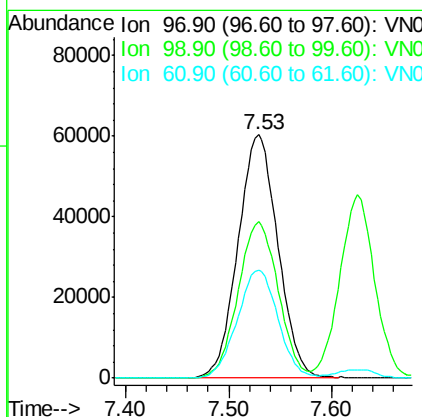
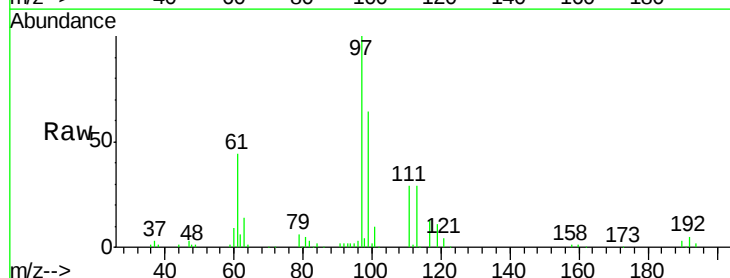
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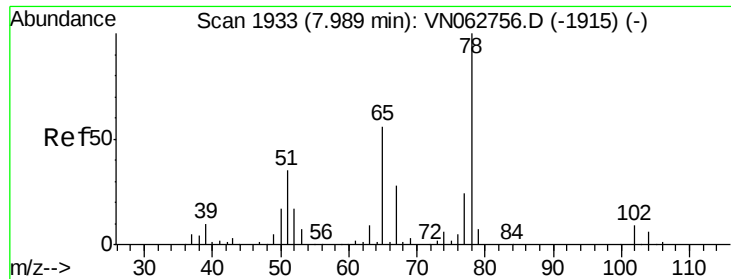
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#32
1,1,1-Trichloroethane
Concen: 45.695 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.0	75.0
61	45.4	34.8	52.2





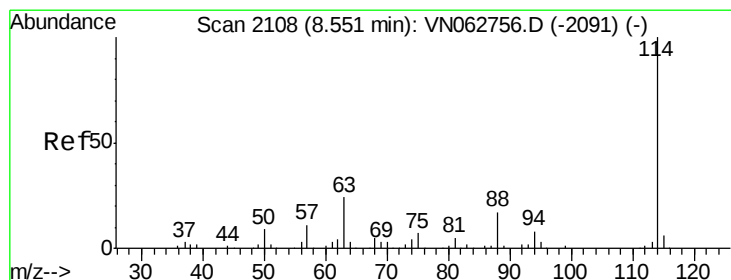
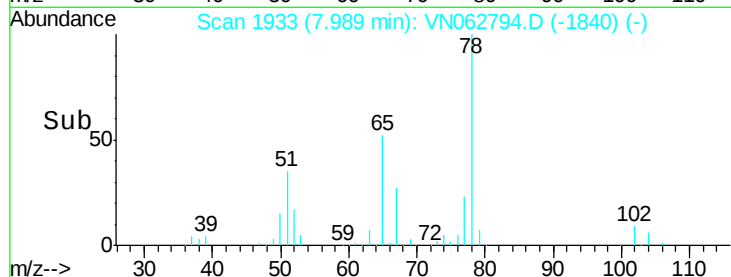
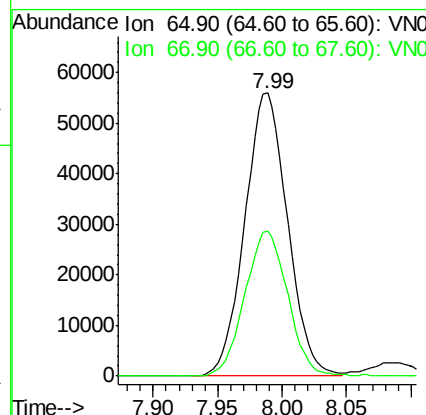
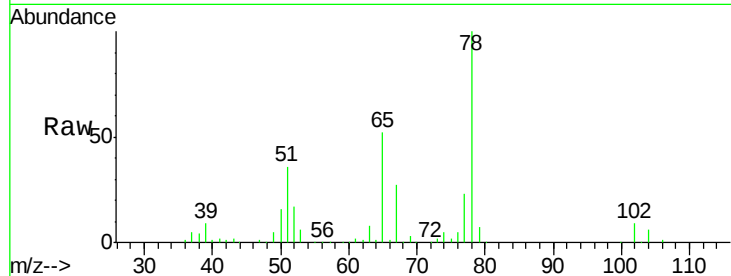
#33
 1,2-Dichloroethane-d4
 Concen: 45.748 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.2	0.0	101.4	

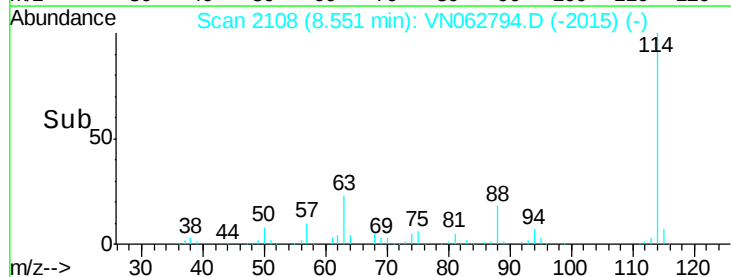
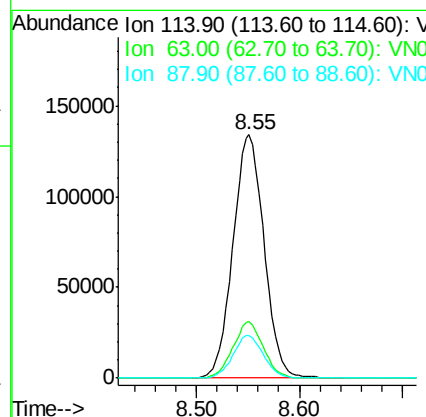
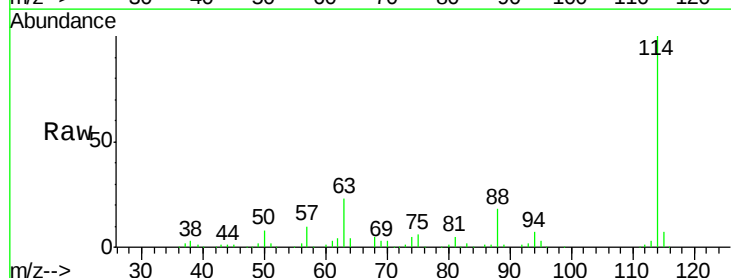
Manual Integrations
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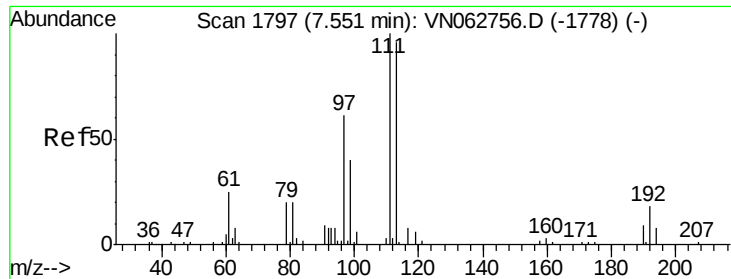
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	23.3	0.0	47.6	
88	17.5	0.0	34.4	





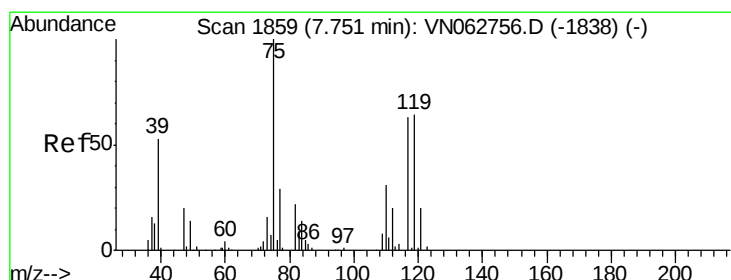
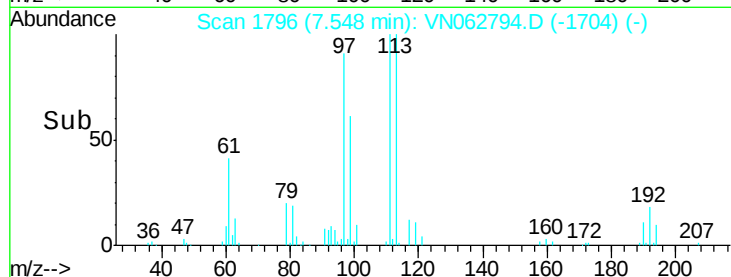
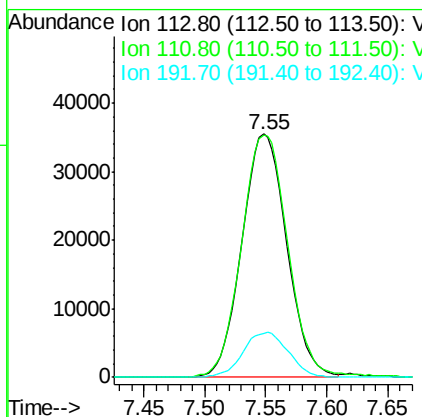
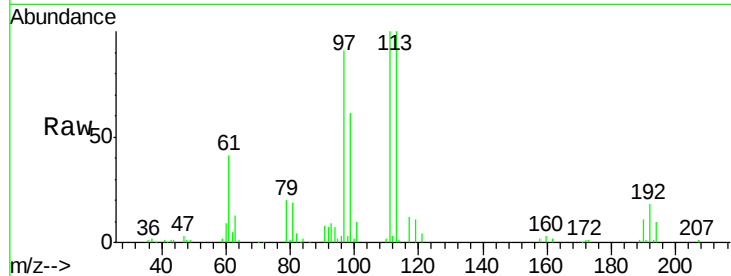
#35
 Dibromofluoromethane
 Concen: 46.829 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	90252		
111	103.1		81.8	122.6
192	18.7		15.0	22.4

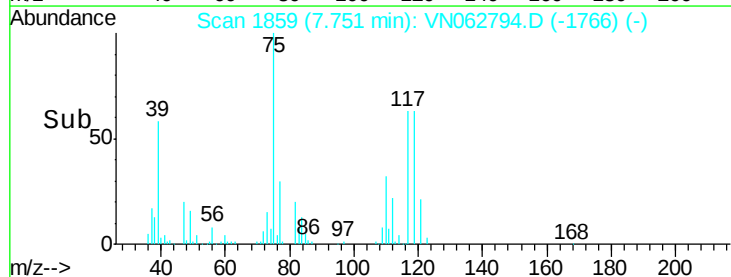
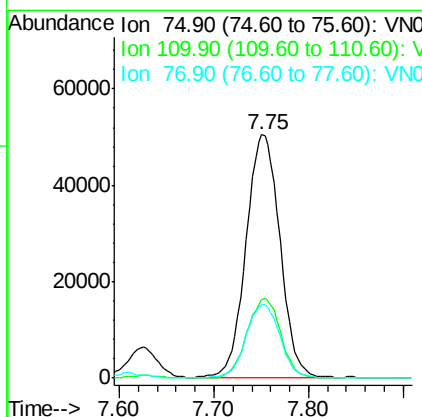
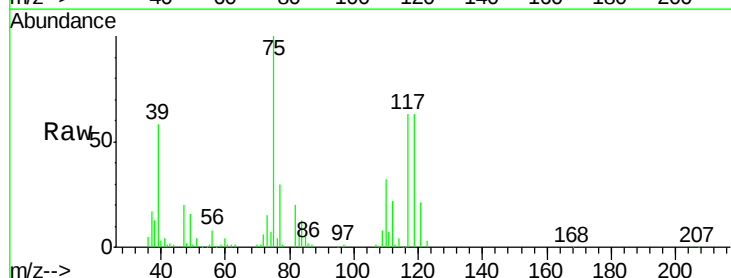
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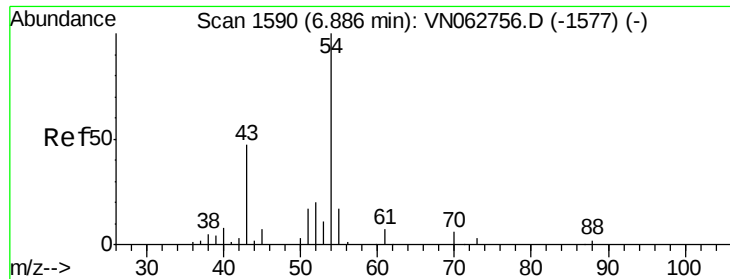
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#36
 1,1-Dichloropropene
 Concen: 46.028 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	126270		
110	32.3		15.6	46.7
77	30.4		24.1	36.1





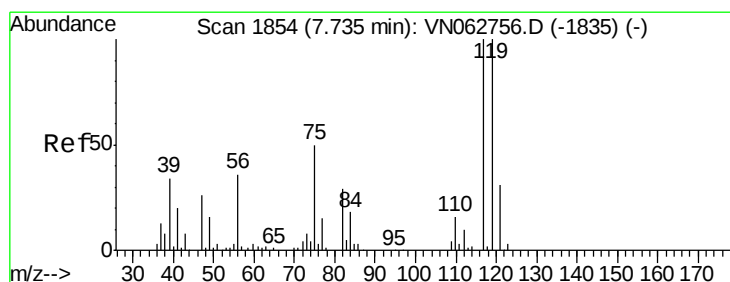
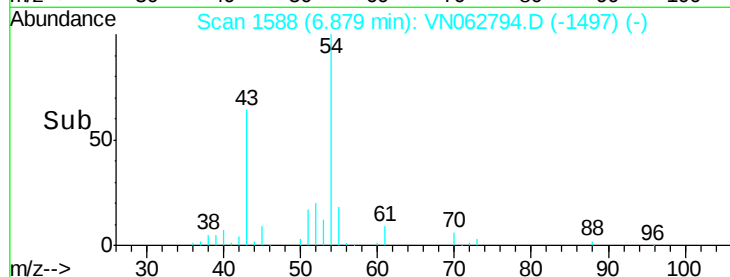
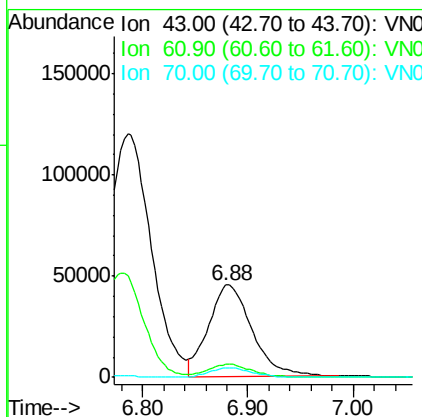
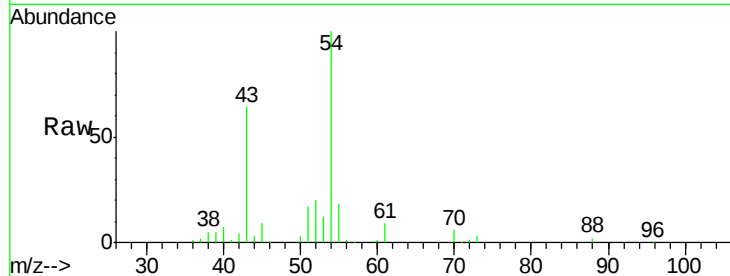
#37
Ethyl Acetate
Concen: 45.267 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.01 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	12.1	18.1
70	10.1	8.3	12.5

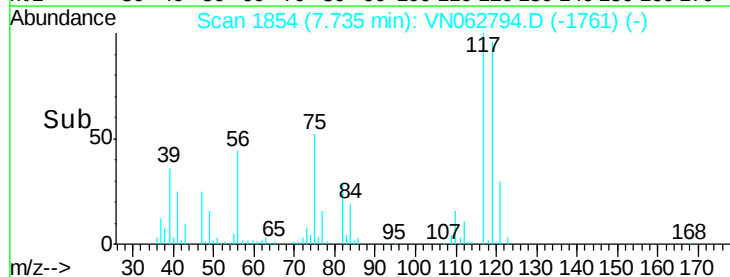
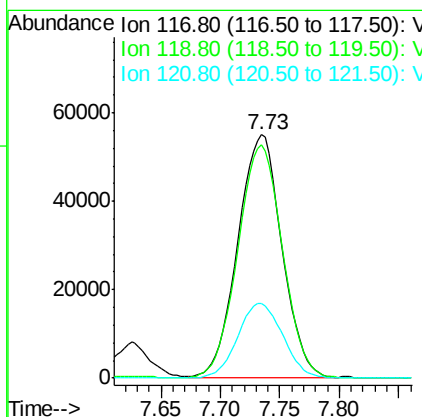
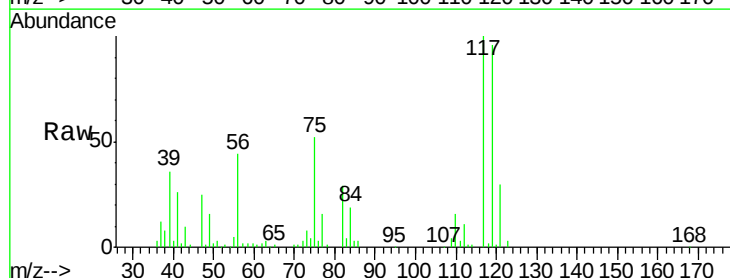
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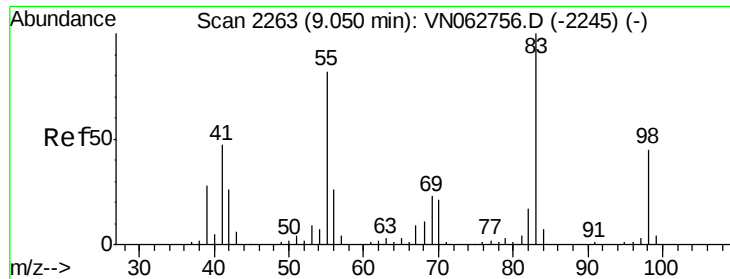
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#38
Carbon Tetrachloride
Concen: 43.276 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	79.4	119.2
121	30.6	24.9	37.3





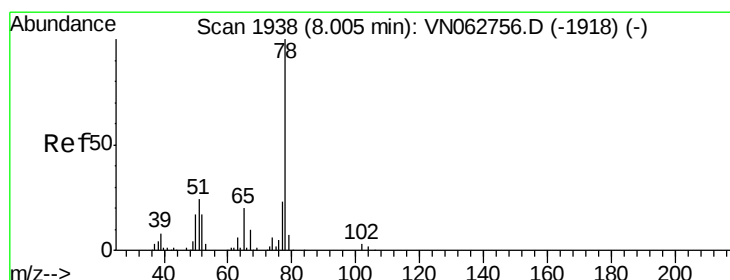
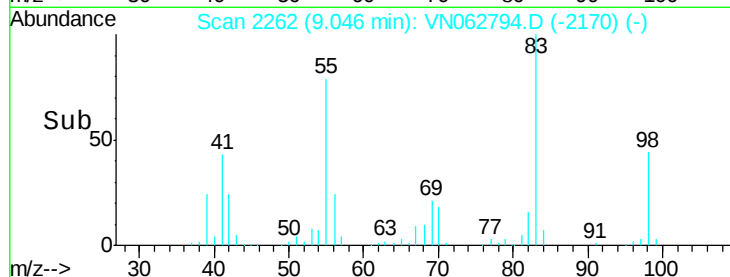
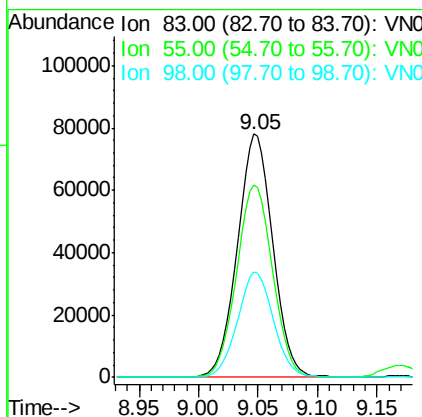
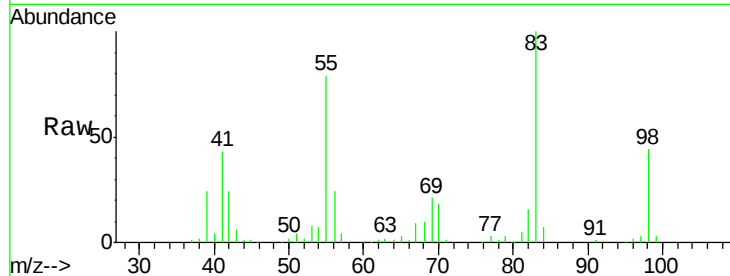
#39
Methvlcvclohexane
Concen: 48.753 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	79.2	65.7	98.5	
98	43.5	35.6	53.4	

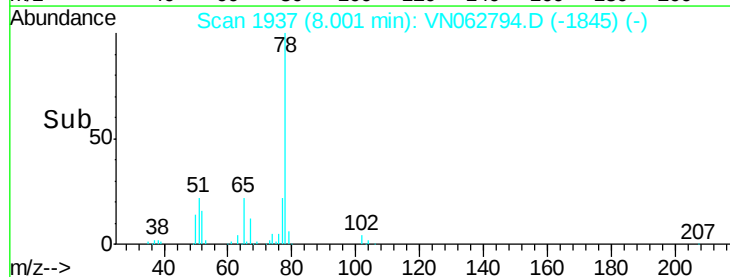
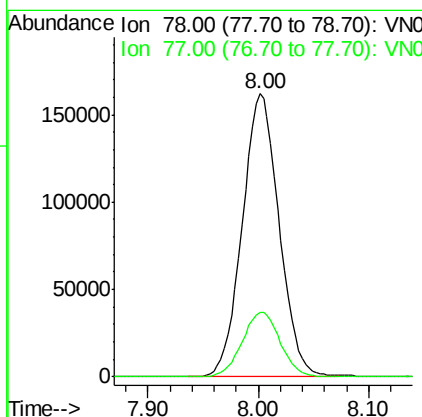
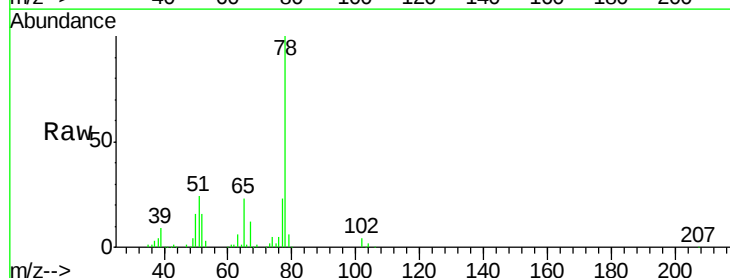
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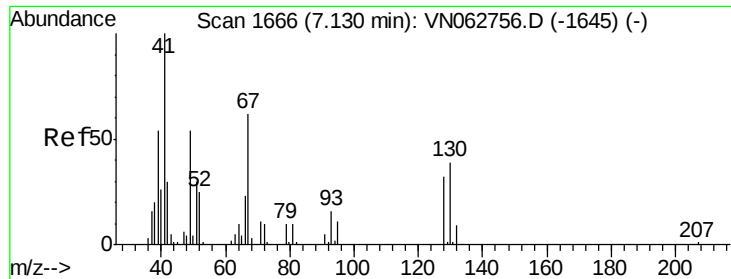
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#40
Benzene
Concen: 45.738 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	22.7	18.1	27.1	





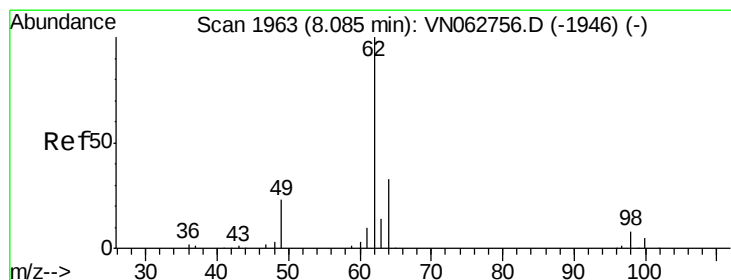
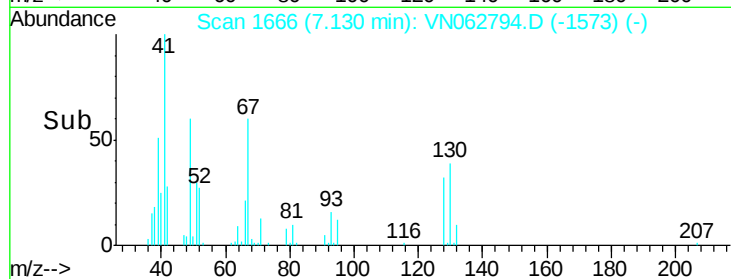
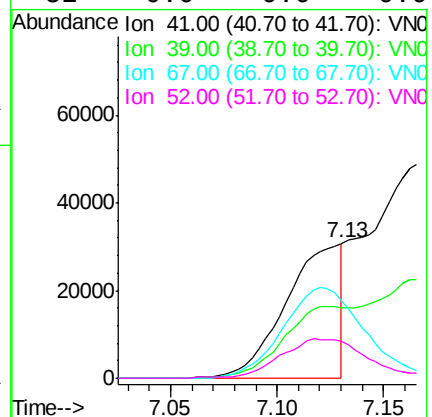
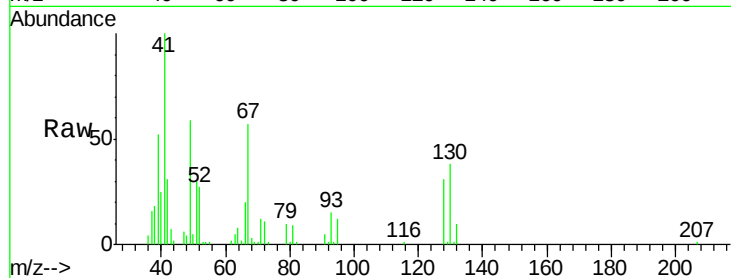
#41
Methacrylonitrile
Concen: 43.252 ug/l m
RT: 7.13 min Scan# 1666
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	69.4	104.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

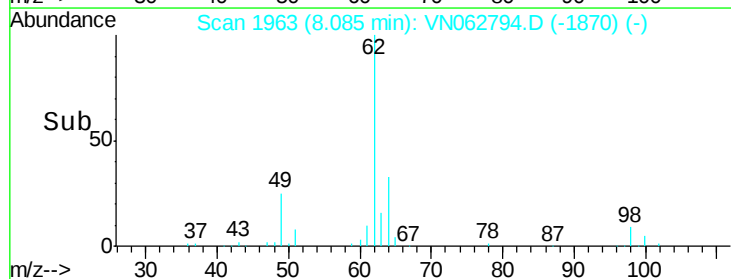
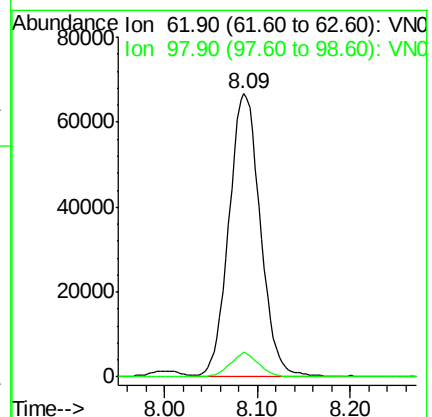
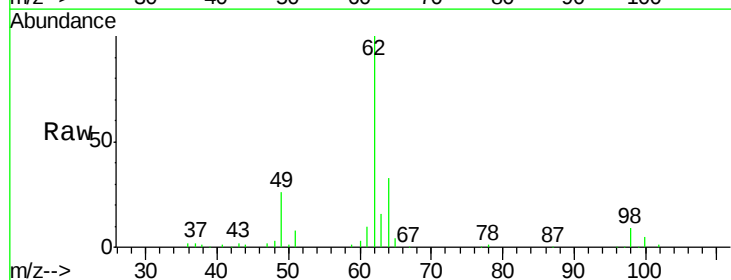
Manual Integrations
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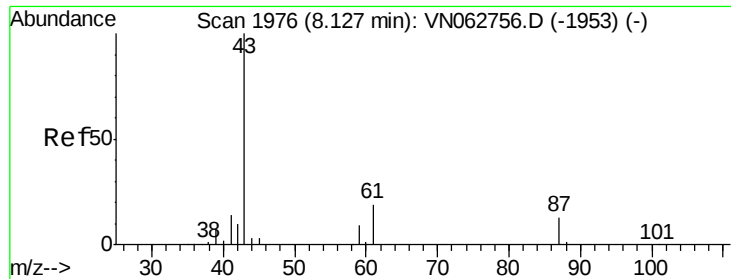
MMDadoda
8/10/2020 12:24:40 PM



#42
1,2-Dichloroethane
Concen: 44.808 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.8





#43

Isopropyl Acetate

Concen: 46.726 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Instrument :

MSVOA_N

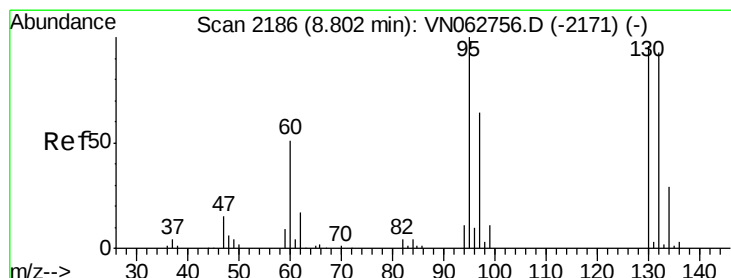
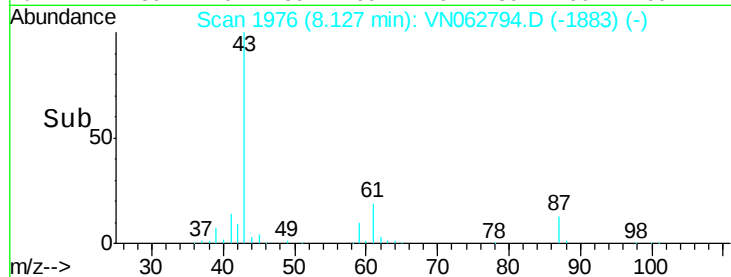
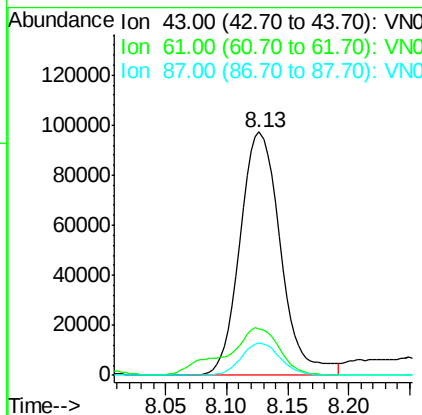
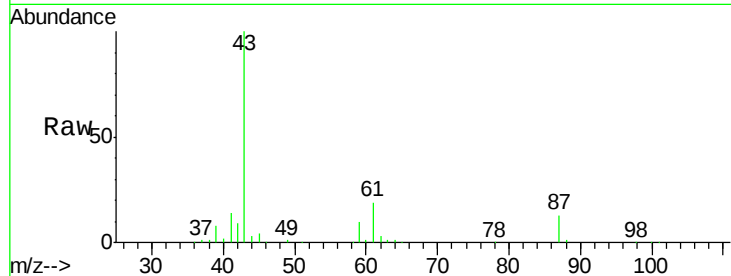
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	223347
Ion	Ratio	Lower	Upper
43	100		
61	25.9	15.8	23.6#
87	12.6	9.9	14.9

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#44

Trichloroethene

Concen: 45.466 ug/l

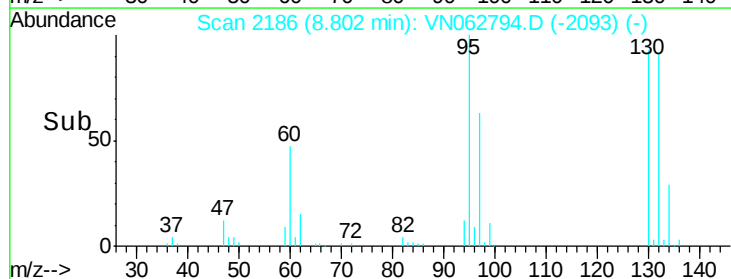
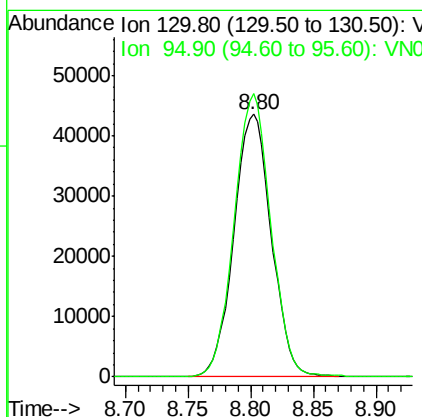
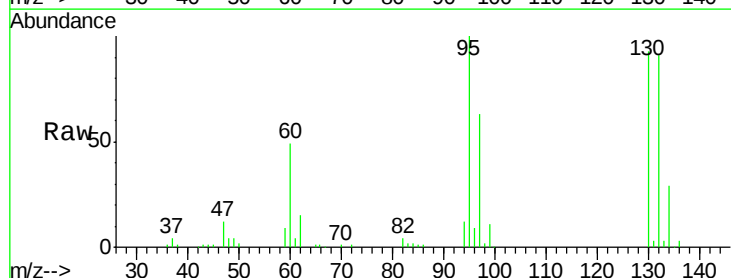
RT: 8.80 min Scan# 2186

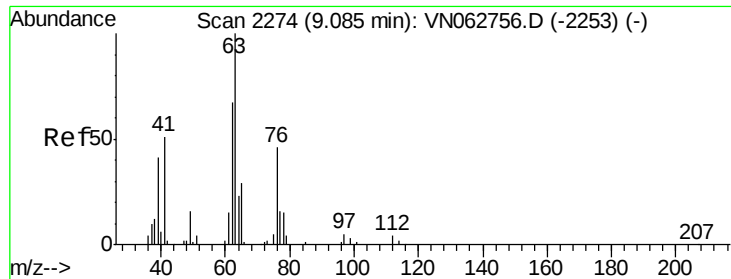
Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Tgt Ion:	130	Resp:	90679
Ion	Ratio	Lower	Upper
130	100		
95	107.9	0.0	207.6





#45

1,2-Dichloropropane

Concen: 48.292 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 106995

Ion Ratio Lower Upper

63 100

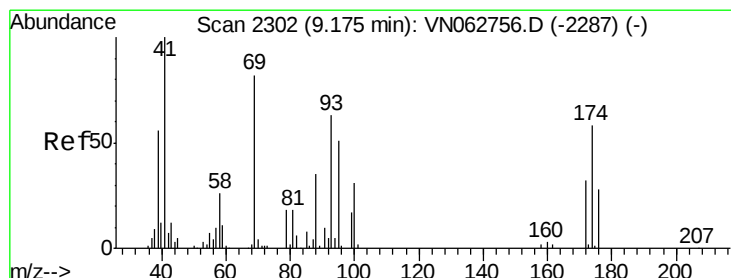
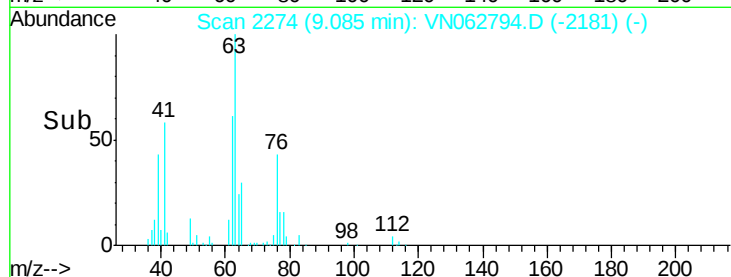
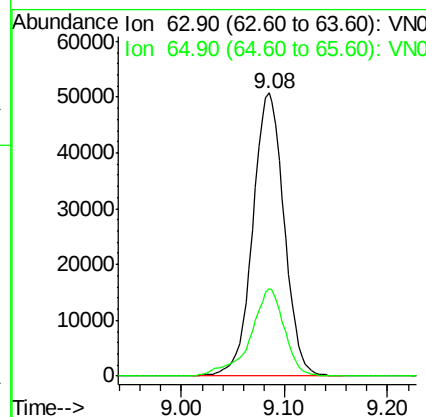
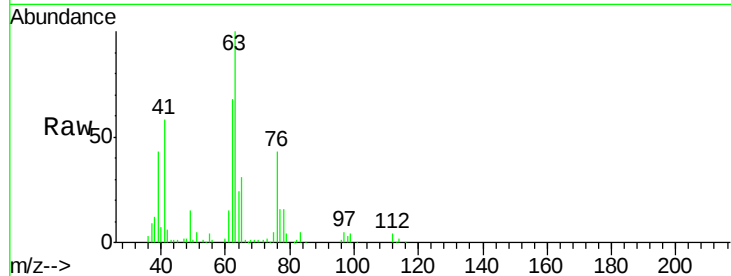
65 31.1 23.5 35.3

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#46

Dibromomethane

Concen: 47.505 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

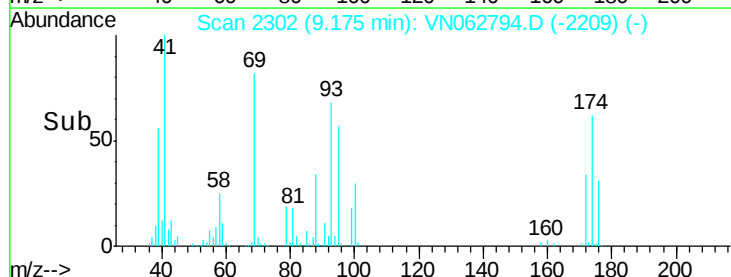
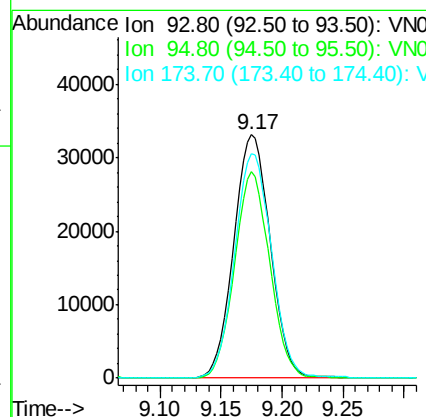
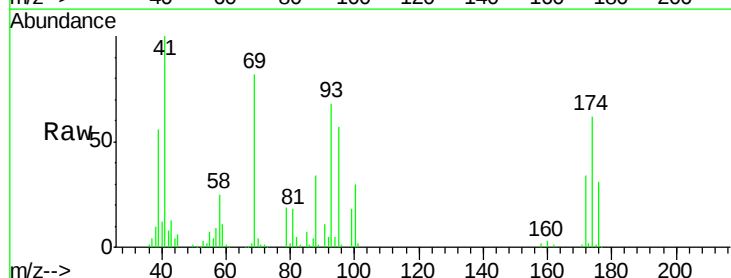
Tgt Ion: 93 Resp: 68963

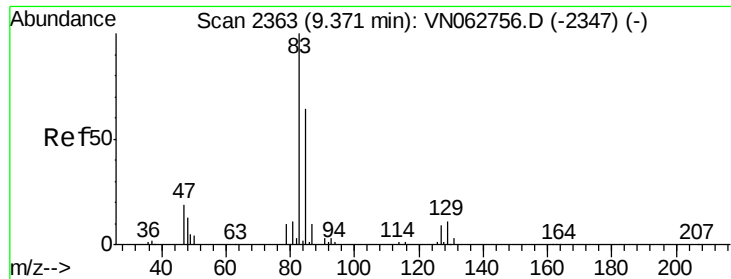
Ion Ratio Lower Upper

93 100

95 81.9 65.1 97.7

174 93.3 73.9 110.9





#47

Bromodichloromethane

Concen: 47.632 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Instrument :

MSVOA_N

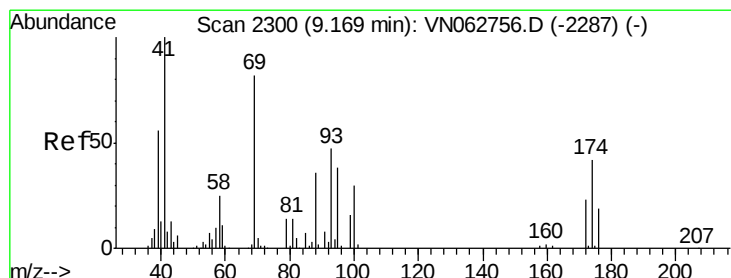
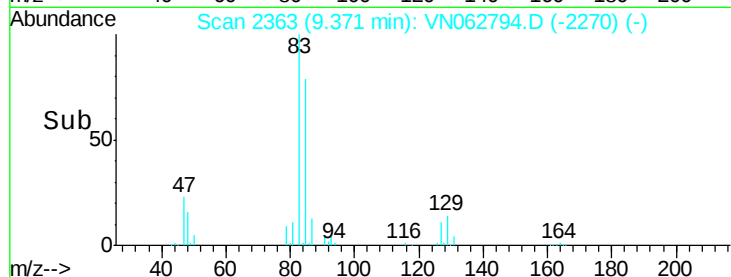
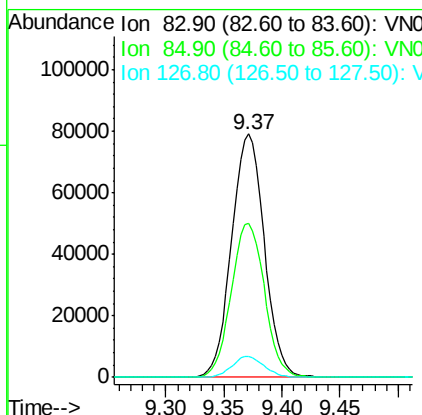
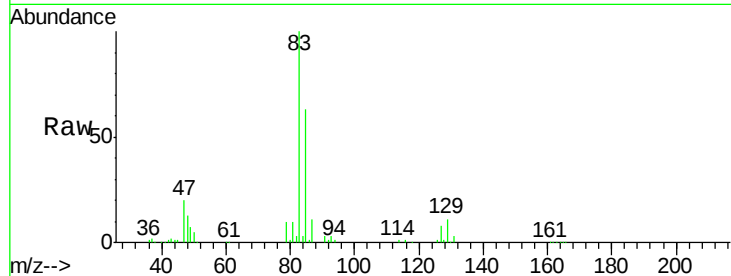
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	155300
Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.4	77.0
127	8.5	6.9	10.3

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#48

Methyl methacrylate

Concen: 46.870 ug/l

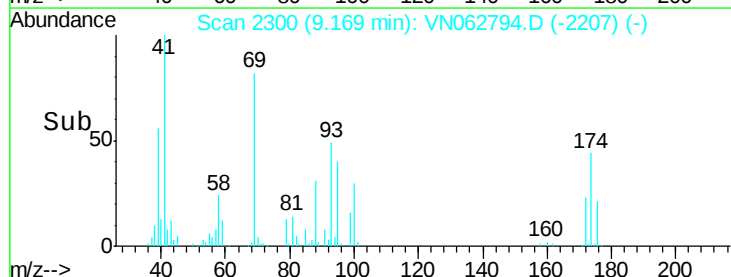
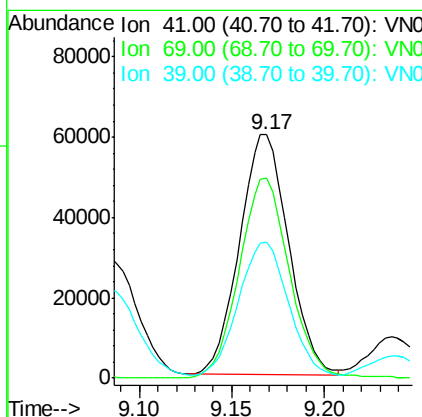
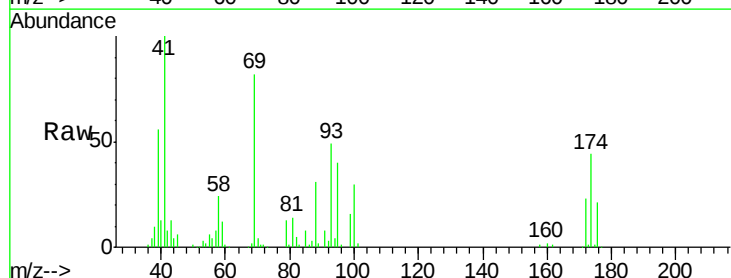
RT: 9.17 min Scan# 2300

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Tgt Ion:	41	Resp:	110195
Ion	Ratio	Lower	Upper
41	100		
69	85.3	67.4	101.2
39	58.2	47.6	71.4





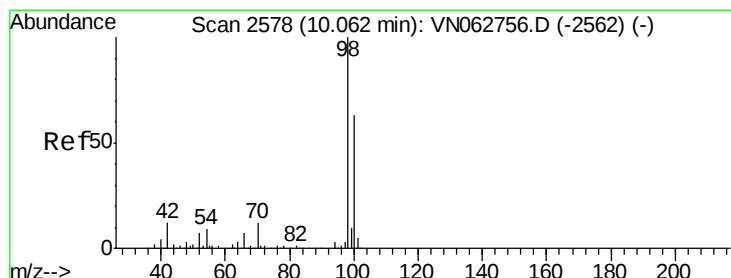
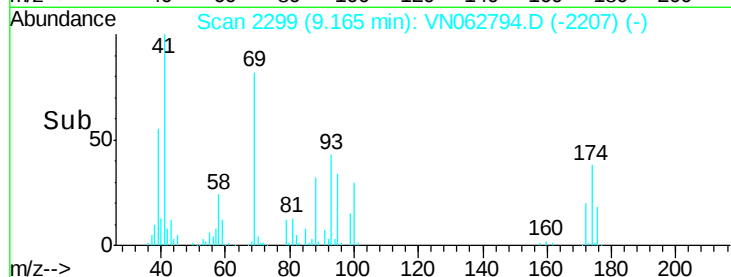
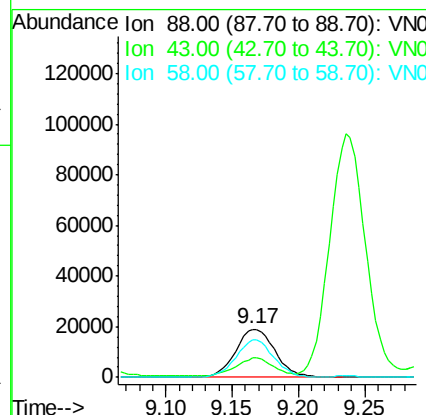
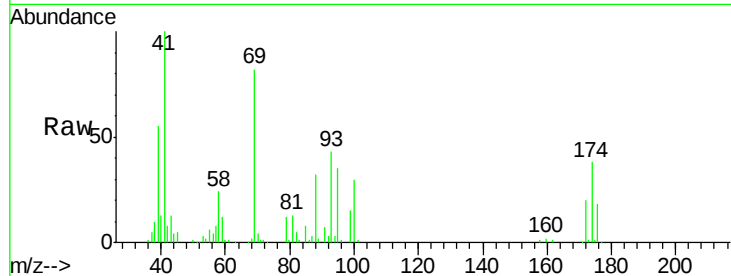
#49
1,4-Dioxane
Concen: 908.323 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.4	29.5	44.3
58	74.2	59.8	89.8

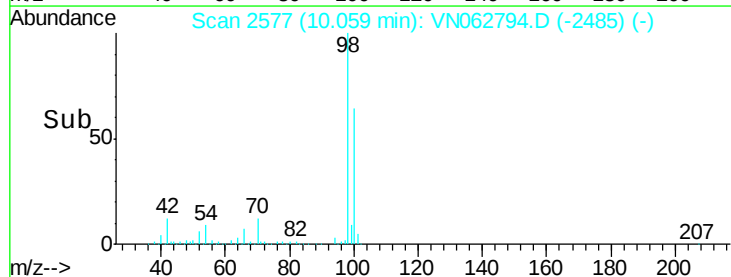
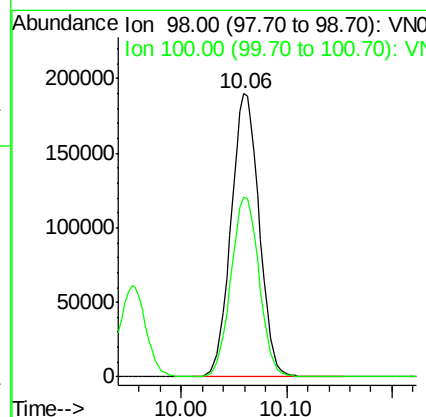
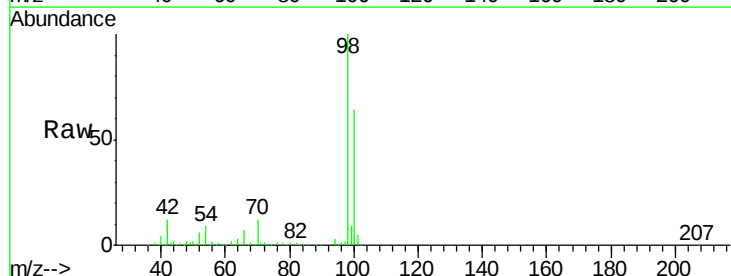
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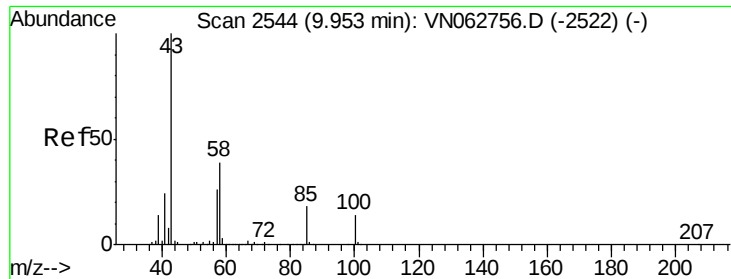
MMDadoda
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#50
Toluene-d8
Concen: 46.435 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 239.184 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 739716

Ion Ratio Lower Upper

43 100

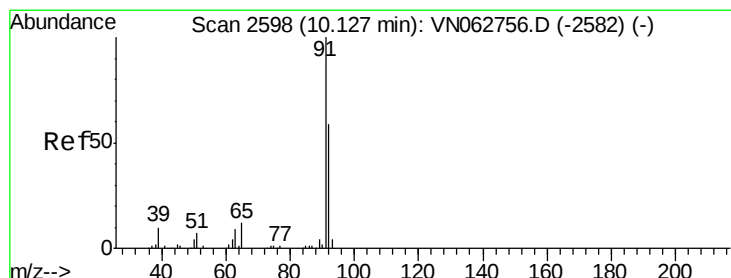
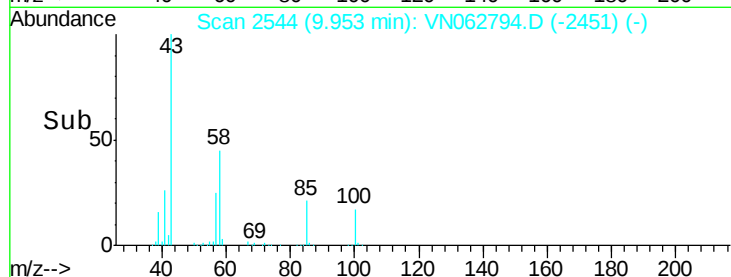
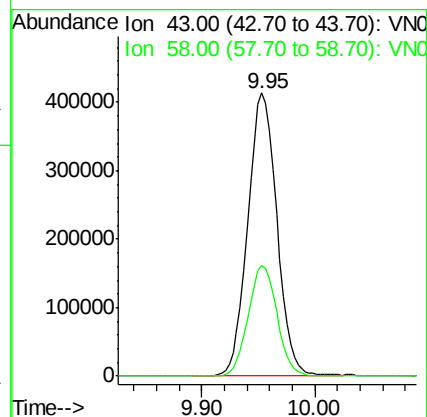
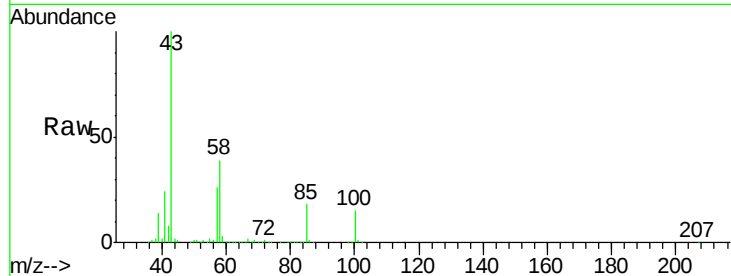
58 39.1 31.1 46.7

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#52

Toluene

Concen: 47.182 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062794.D

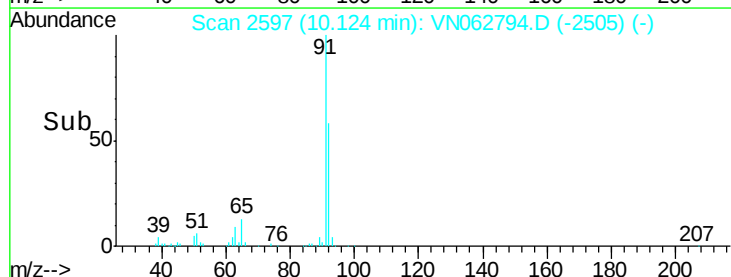
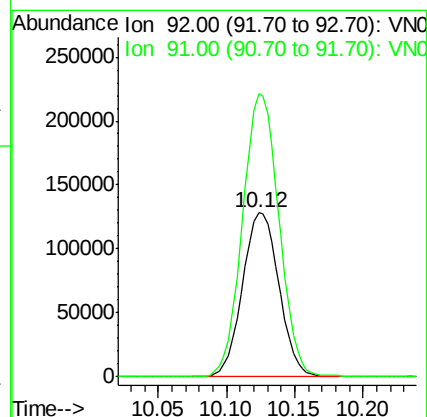
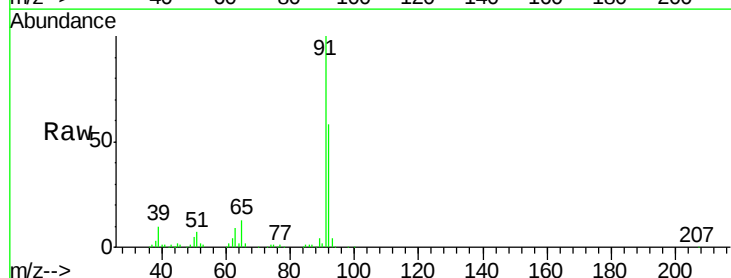
Acq: 7 Aug 2020 21:19

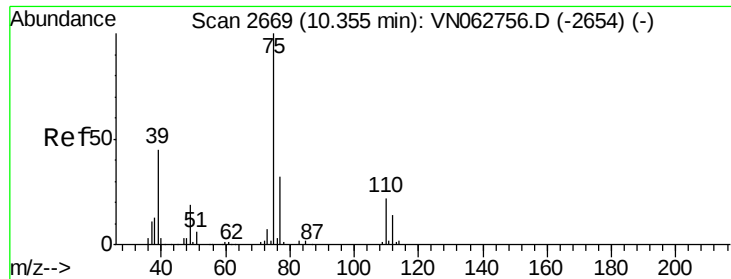
Tgt Ion: 92 Resp: 238476

Ion Ratio Lower Upper

92 100

91 172.8 138.9 208.3





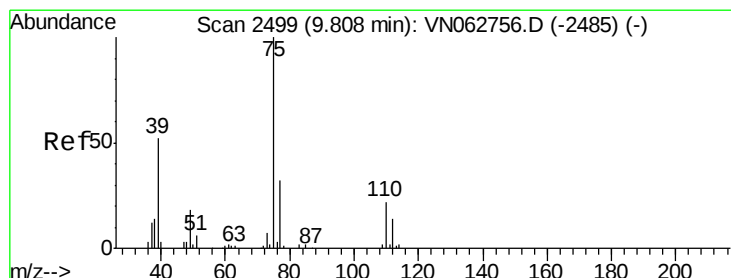
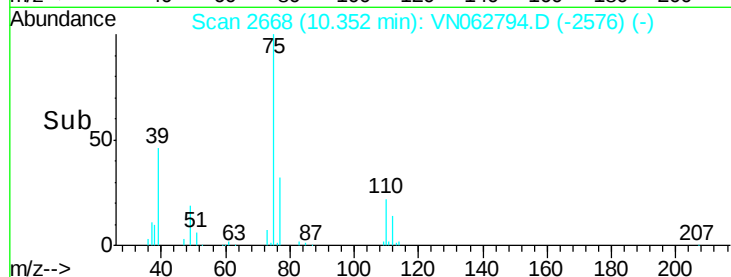
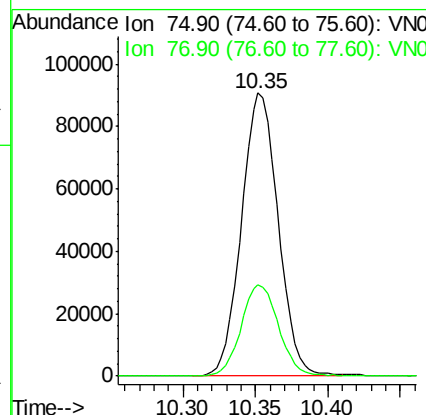
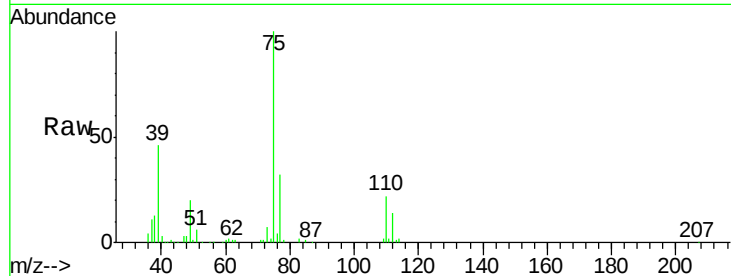
#53
t-1,3-Dichloropropene
Concen: 44.531 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 159705
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.2

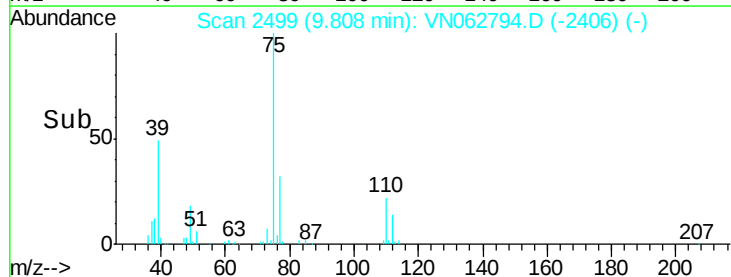
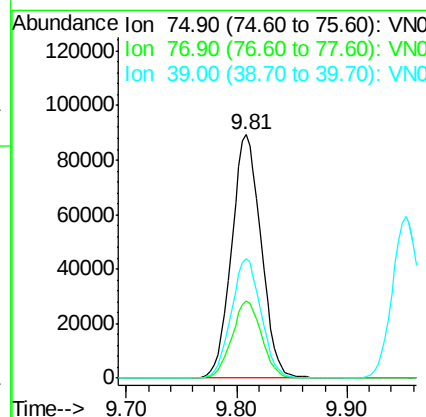
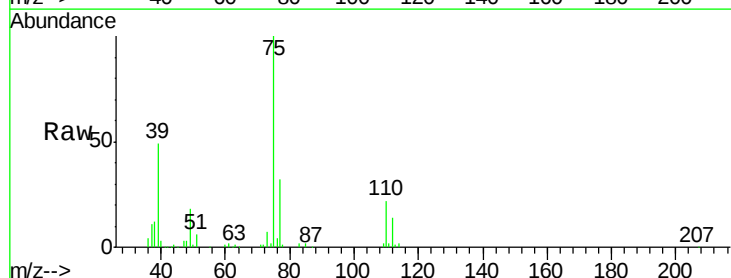
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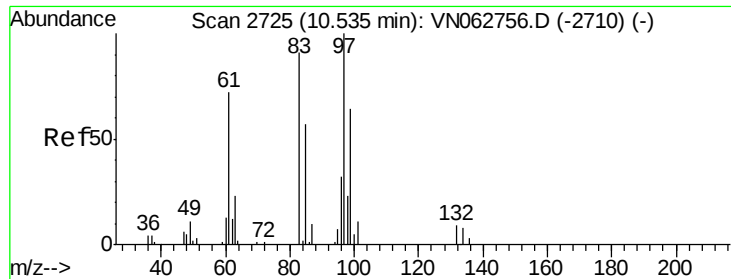
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#54
cis-1,3-Dichloropropene
Concen: 45.973 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Tgt Ion: 75 Resp: 165539
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3
39 49.2 41.9 62.9





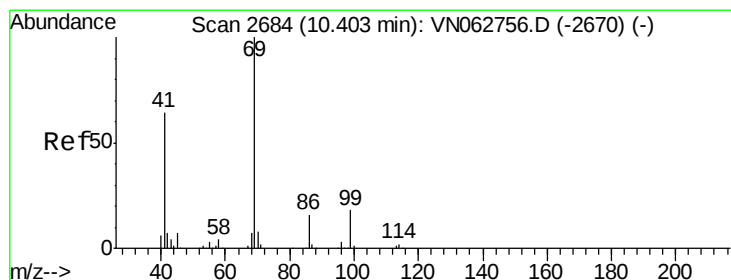
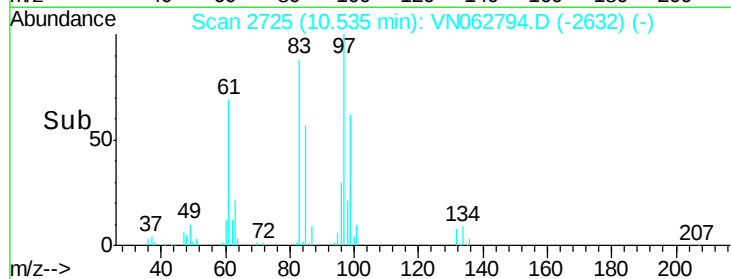
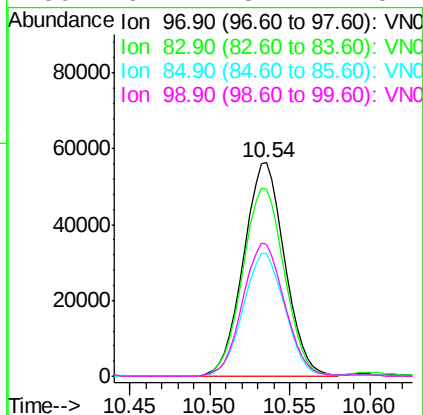
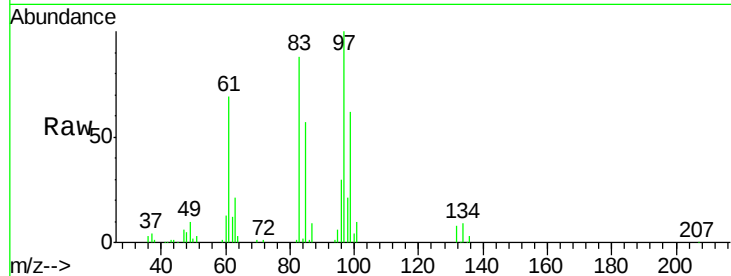
#55
 1,1,2-Trichloroethane
 Concen: 46.120 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	99558
Ion	Ratio	Lower	Upper
97	100		
83	87.5	72.6	108.8
85	57.4	46.0	69.0
99	61.7	51.1	76.7

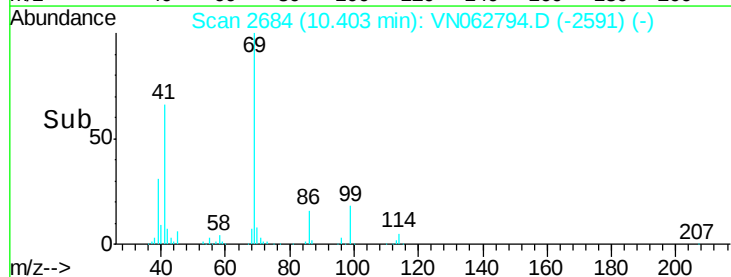
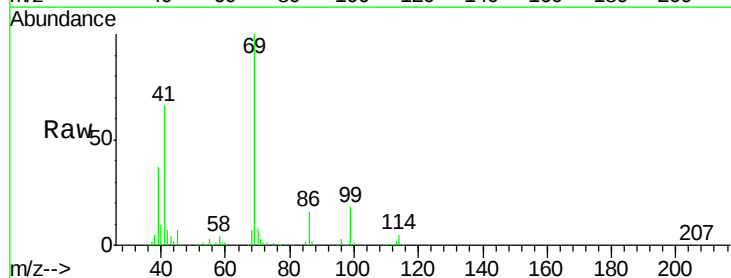
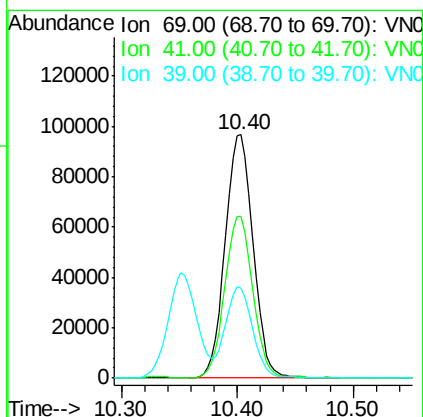
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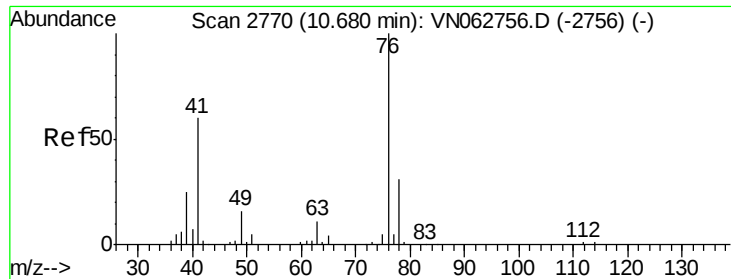
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#56
 Ethyl methacrylate
 Concen: 49.482 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Tgt Ion:	69	Resp:	160781
Ion	Ratio	Lower	Upper
69	100		
41	66.2	52.2	78.2
39	36.4	30.9	46.3





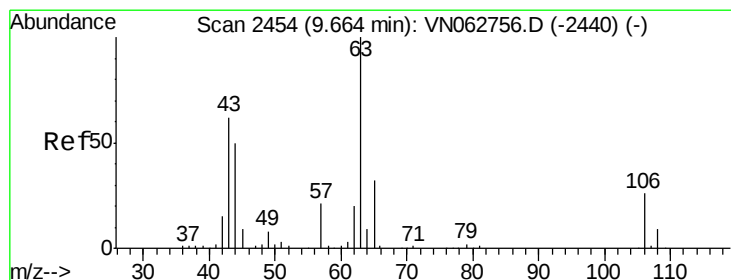
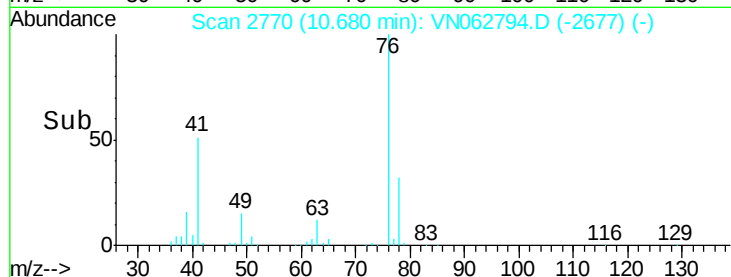
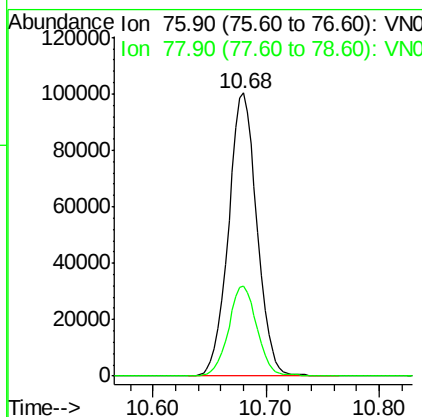
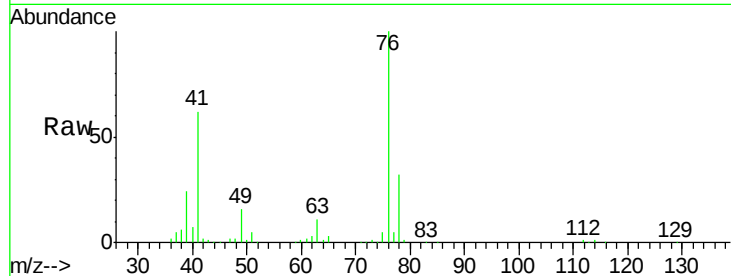
#57
 1,3-Dichloropropane
 Concen: 47.841 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 175475
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.4 38.0

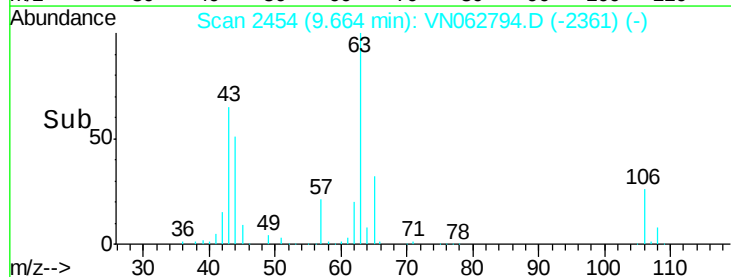
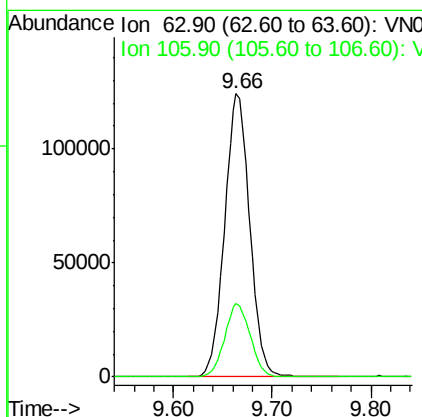
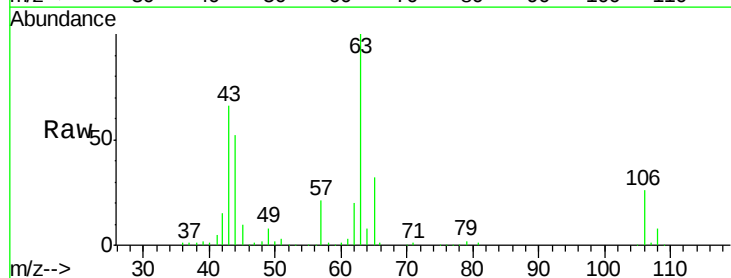
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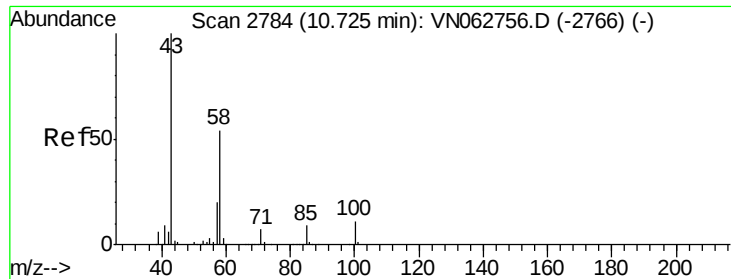
MMDadoda
 8/10/2020 12:24:40 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 241.692 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Tgt Ion: 63 Resp: 221981
 Ion Ratio Lower Upper
 63 100
 106 26.2 20.9 31.3





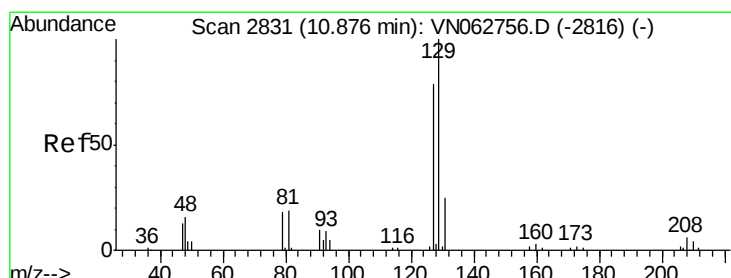
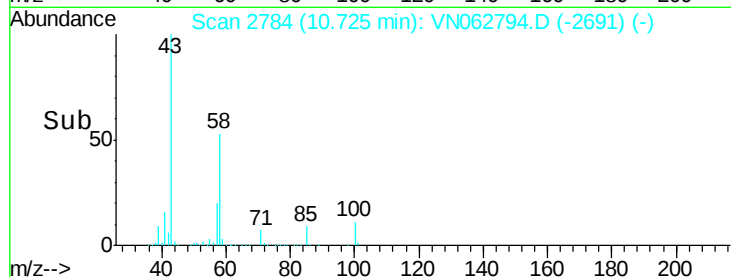
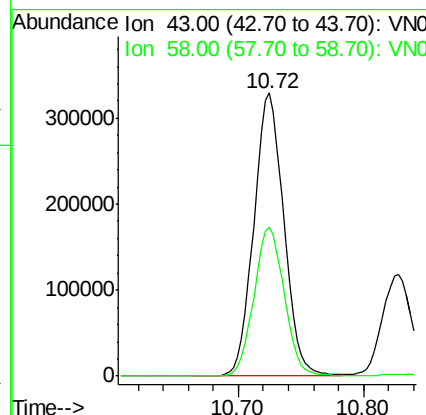
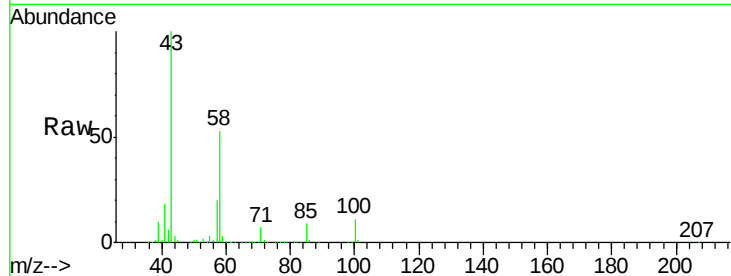
#59
2-Hexanone
Concen: 237.009 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion: 43 Resp: 546768
Ion Ratio Lower Upper
43 100
58 53.4 26.7 80.1

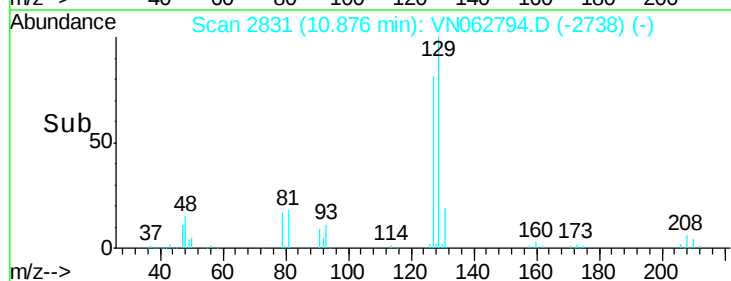
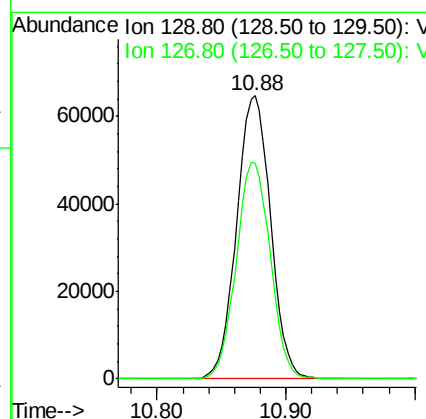
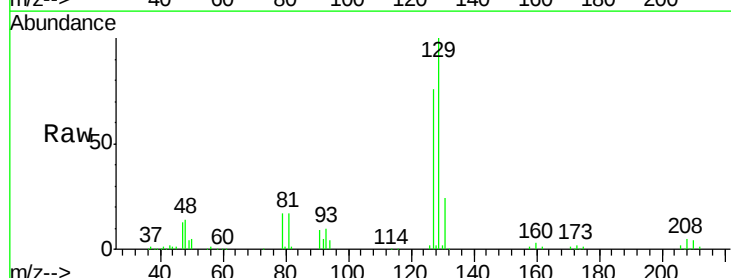
Manual Integrations
APPROVED

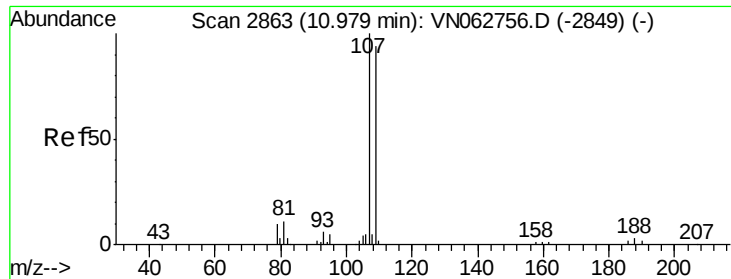
MMDadoda
8/10/2020 12:24:40 PM



#60
Dibromochloromethane
Concen: 48.114 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Tgt Ion: 129 Resp: 118527
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.2





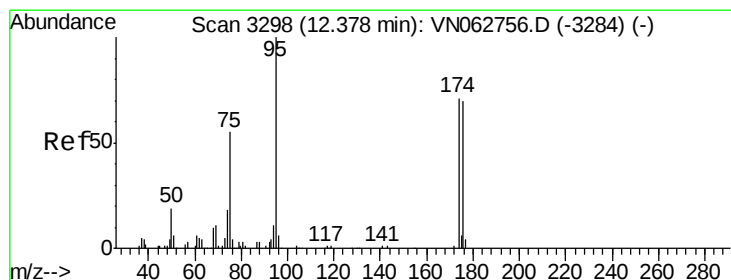
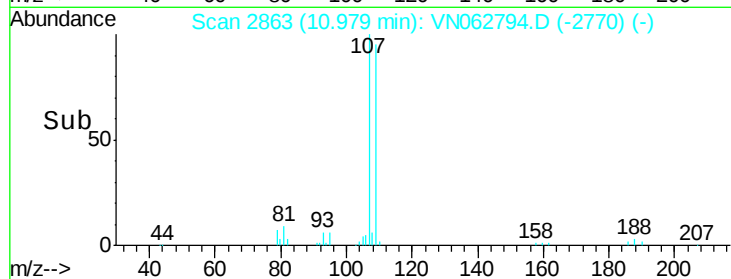
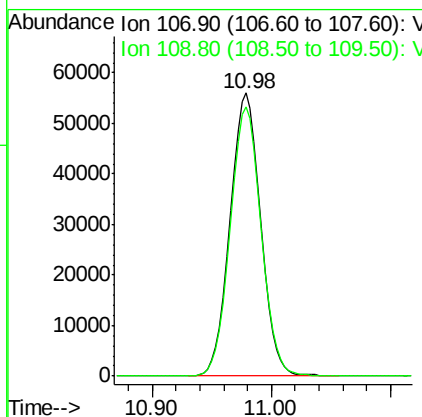
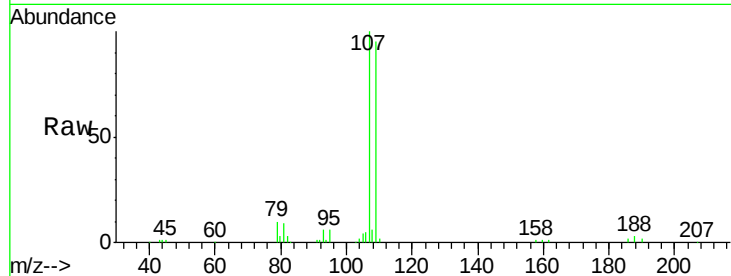
#61
 1,2-Dibromoethane
 Concen: 46.811 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.1	76.1	114.1

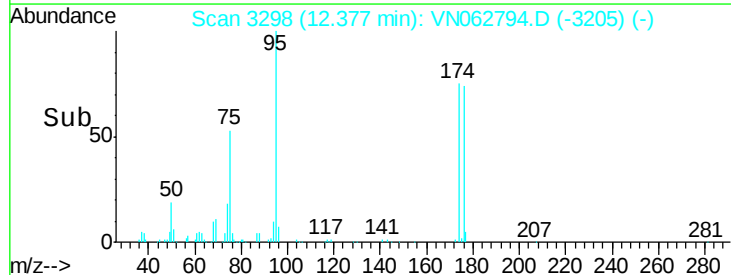
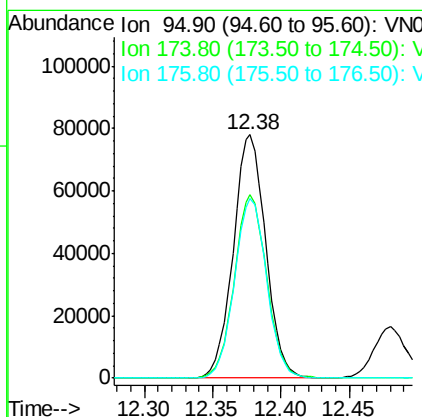
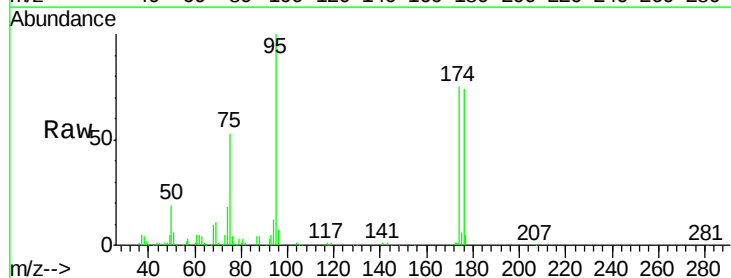
Manual Integrations
 APPROVED

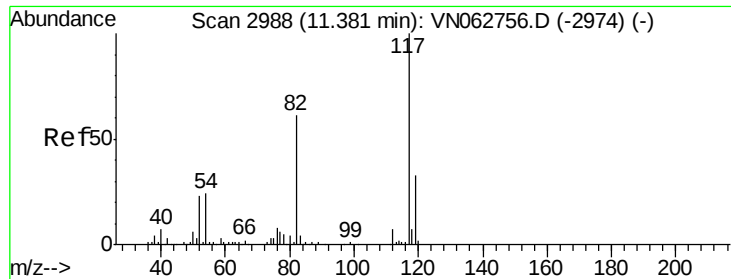
MMDadoda
 8/10/2020 12:24:40 PM



#62
 4-Bromofluorobenzene
 Concen: 45.257 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.2	0.0	144.8
176	73.3	0.0	142.2





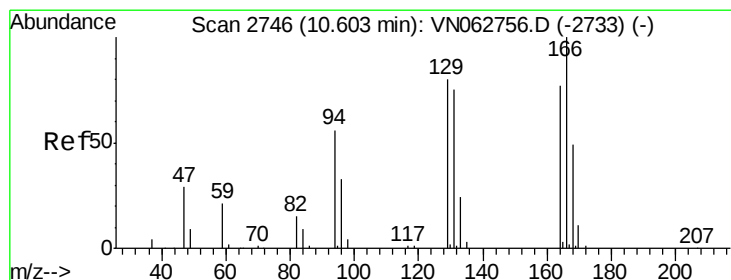
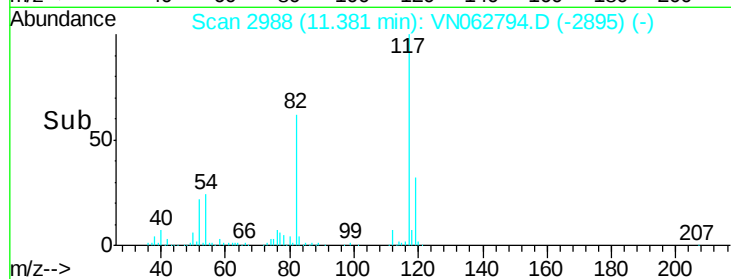
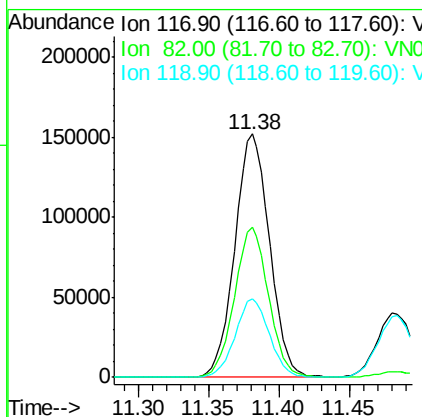
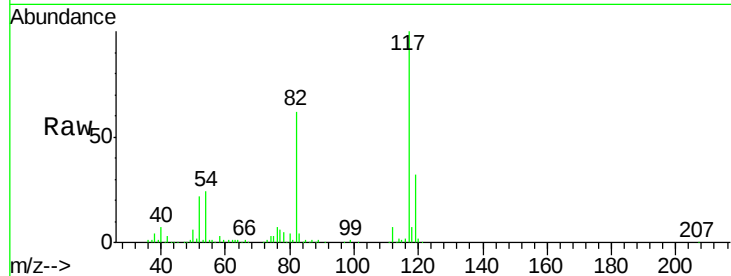
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	263058		
82	61.7	49.0	73.4	
119	32.4	26.2	39.2	

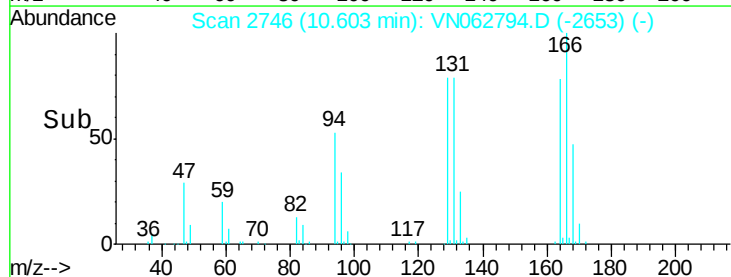
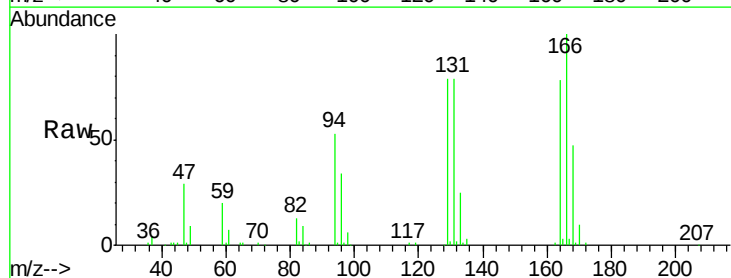
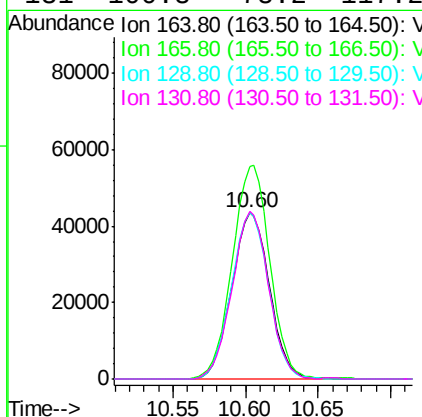
Manual Integrations
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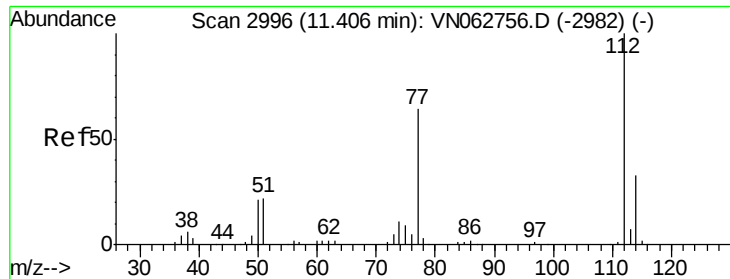
MMDadoda
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#64
Tetrachloroethene
Concen: 46.199 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	78412		
166	127.9	103.8	155.8	
129	100.5	82.7	124.1	
131	100.8	78.2	117.2	





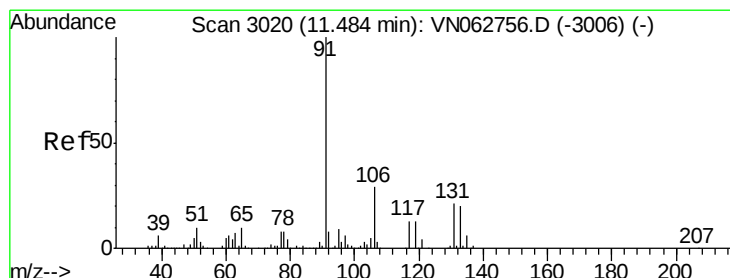
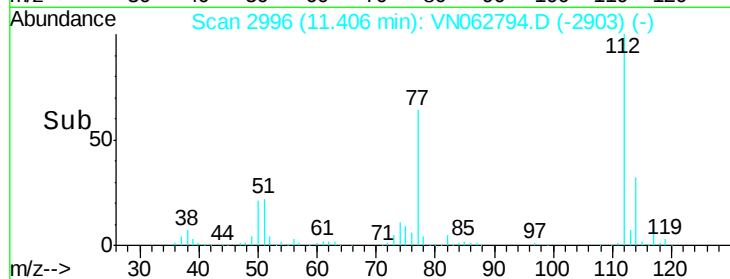
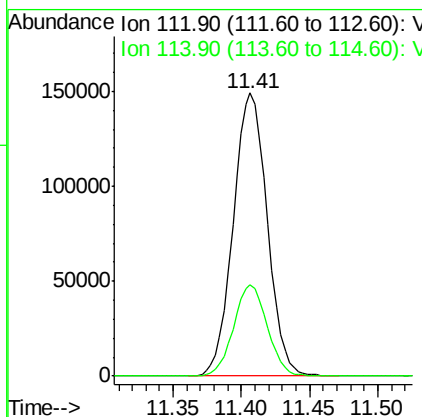
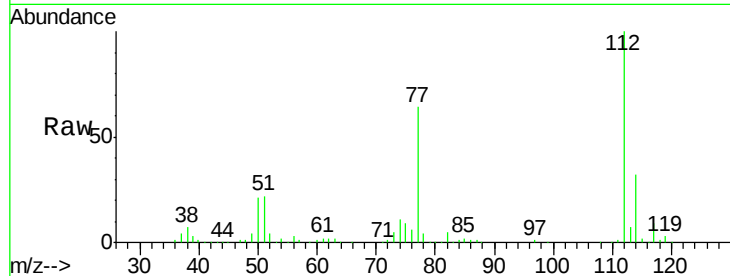
#65
Chlorobenzene
Concen: 46.892 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	26.2	39.4

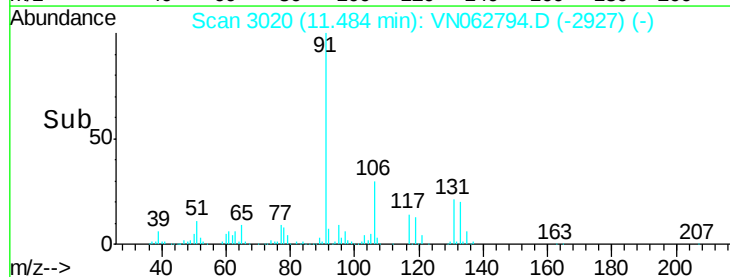
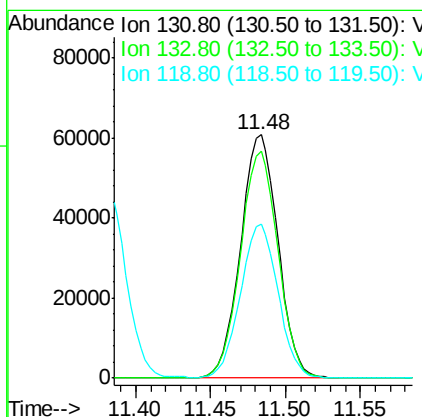
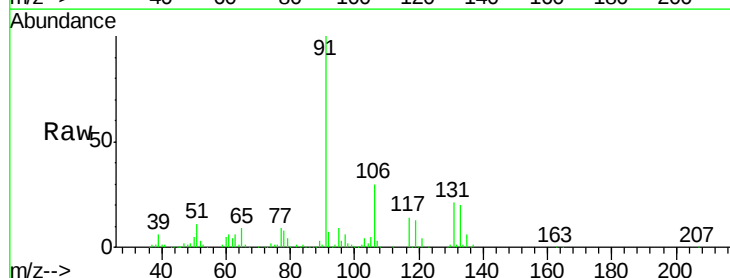
Manual Integrations
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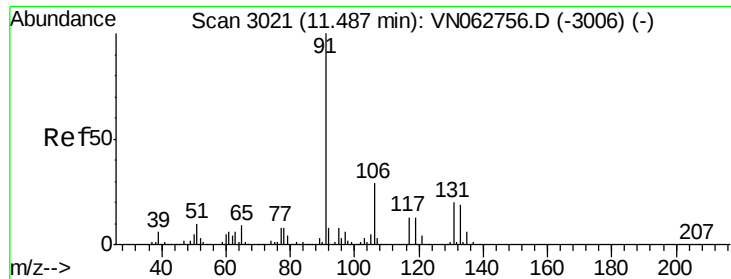
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.089 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.7	48.6	145.8
119	63.5	32.2	96.6





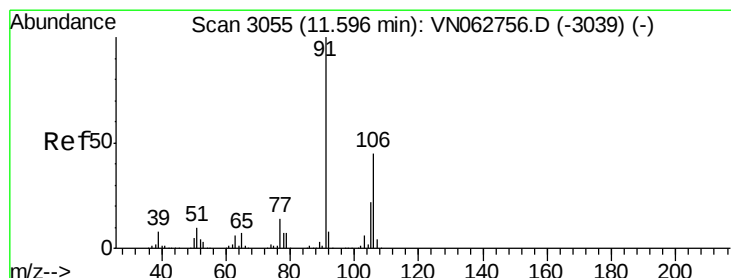
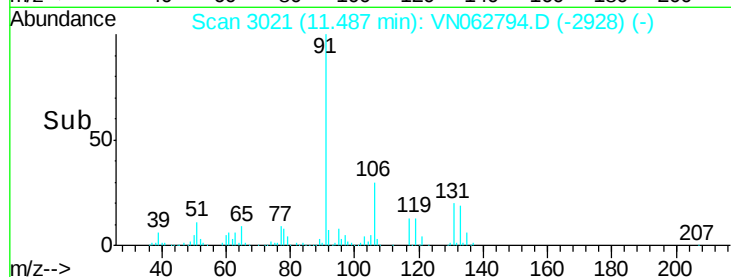
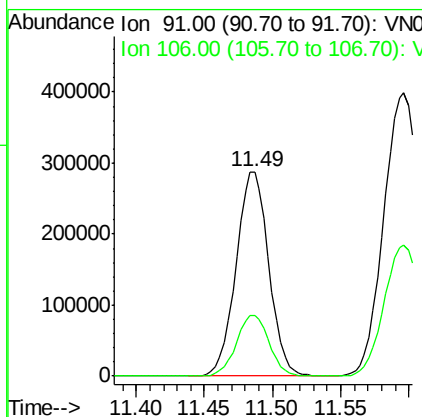
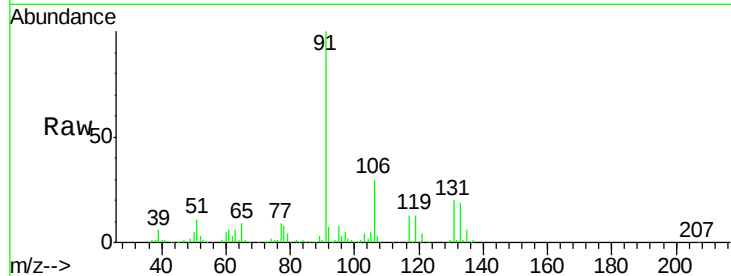
#67
Ethyl Benzene
Concen: 48.571 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 477955
Ion Ratio Lower Upper
91 100
106 30.0 23.2 34.8

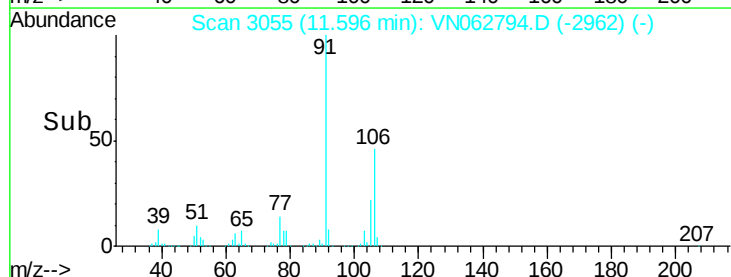
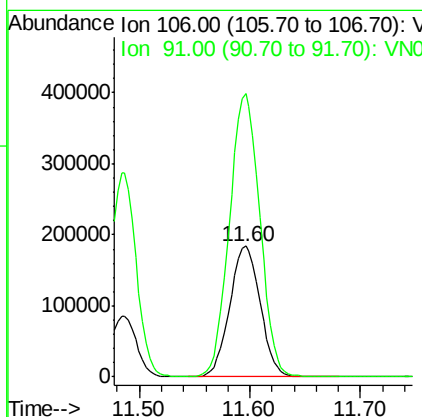
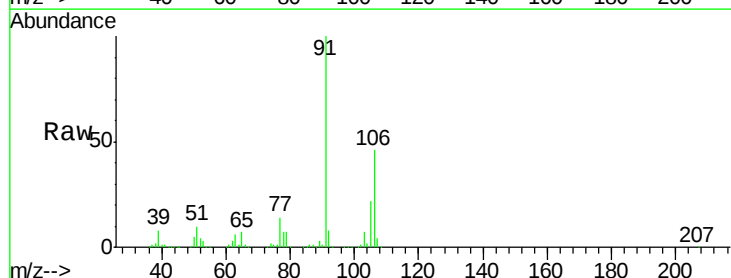
Manual Integrations
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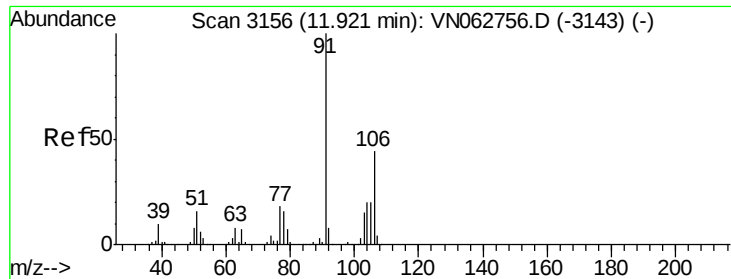
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#68
m/p-Xylenes
Concen: 98.725 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Tgt Ion: 106 Resp: 352647
Ion Ratio Lower Upper
106 100
91 216.1 175.9 263.9





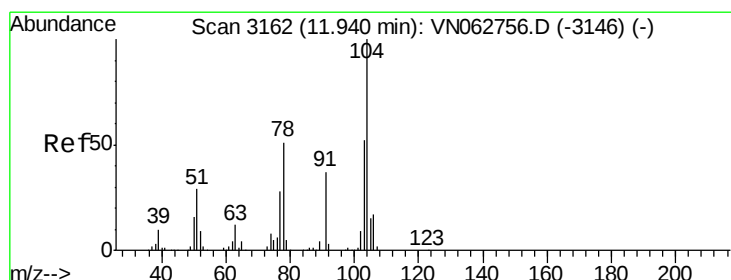
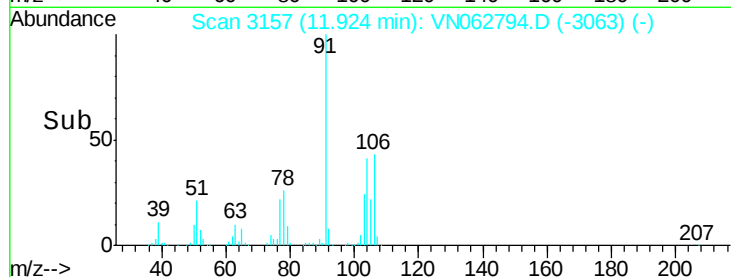
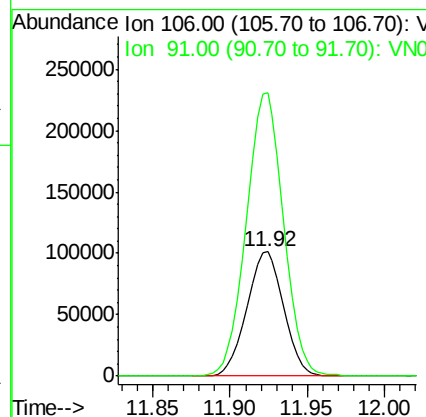
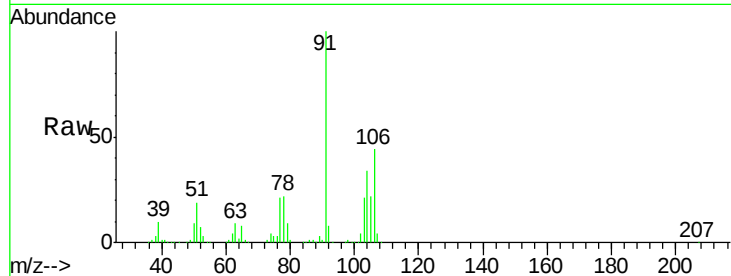
#69
o-Xylene
Concen: 50.379 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	229.0	115.8	347.4

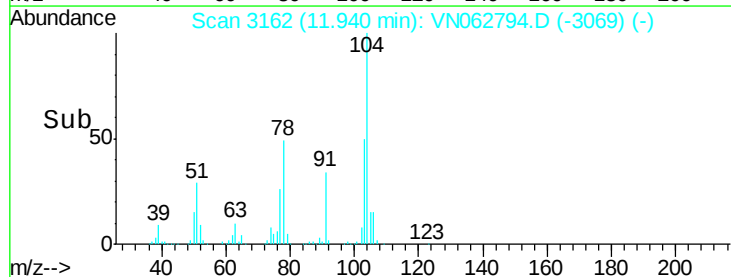
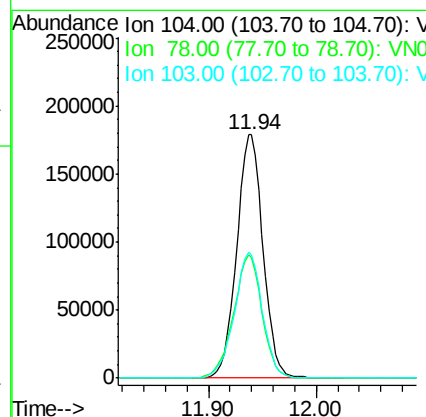
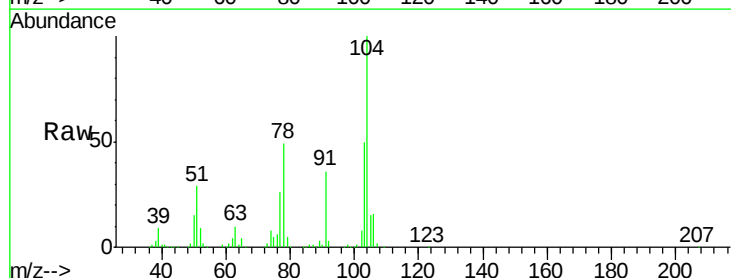
Manual Integrations
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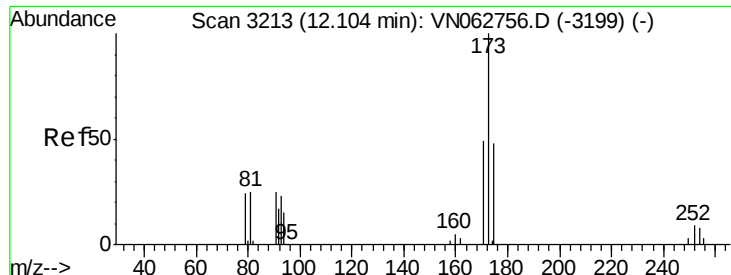
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#70
Styrene
Concen: 51.803 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Tgt Ion	Ratio	Lower	Upper
104	100		
78	54.8	45.9	68.9
103	54.9	45.1	67.7





#71

Bromoform

Concen: 46.902 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Instrument :

MSVOA_N

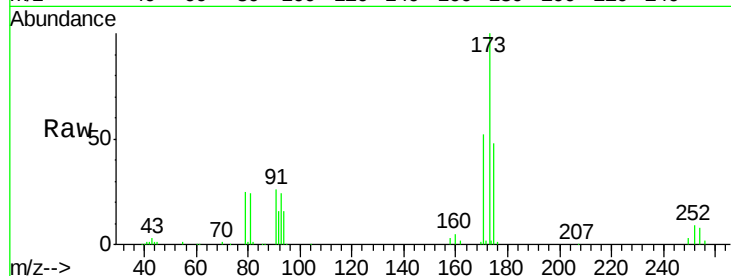
ClientSampleId :

VSTDCCC050EC

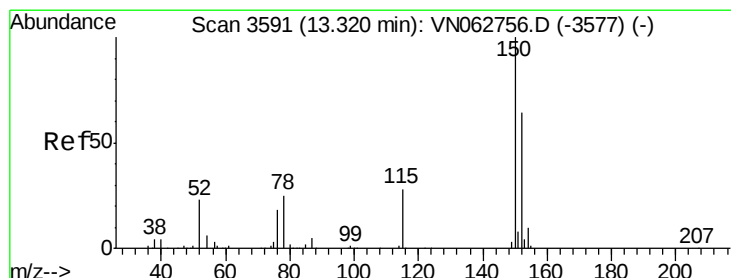
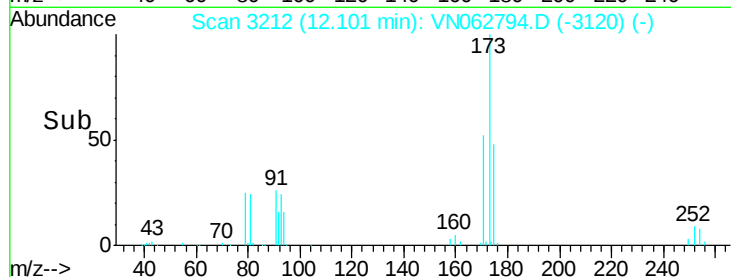
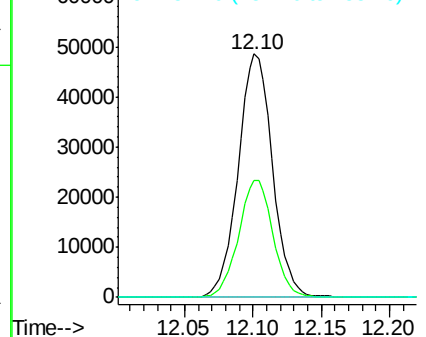
Tot Ion:173	Resp:	84741
Ion Ratio	Lower	Upper
173	100	
175	48.1	24.0 72.0
254	0.0	0.0 0.0

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

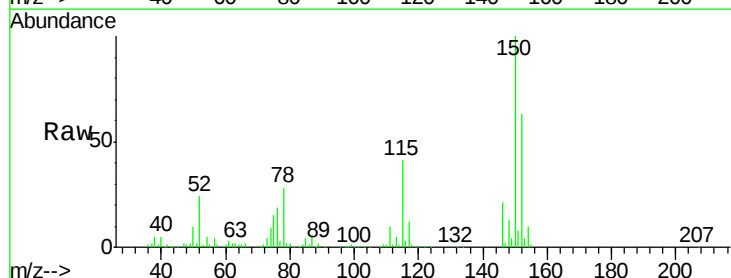
RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

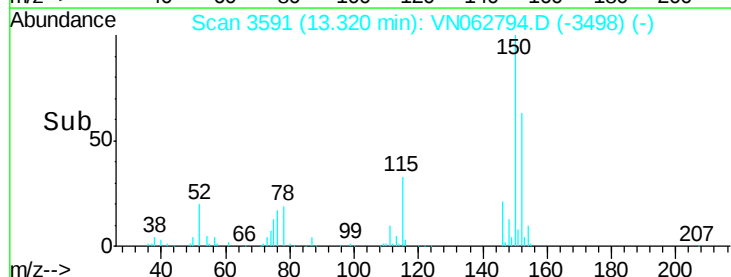
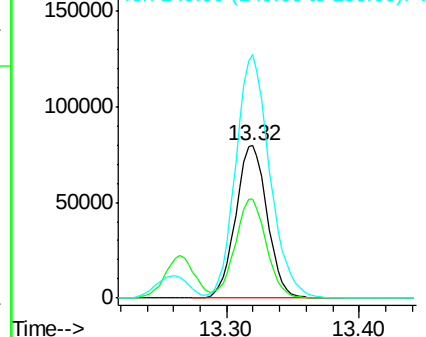
Lab File: VN062794.D

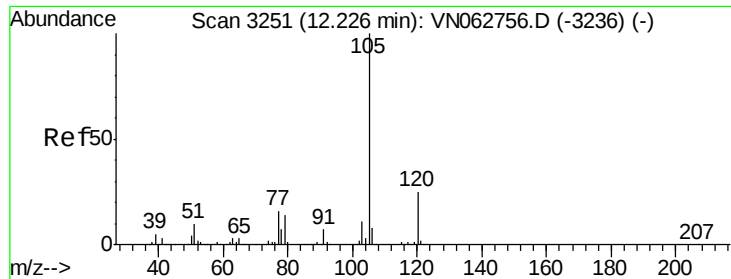
Acq: 7 Aug 2020 21:19

Tgt Ion:152	Resp:	131199
Ion Ratio	Lower	Upper
152	100	
115	64.7	31.6 94.8
150	172.4	0.0 349.2



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





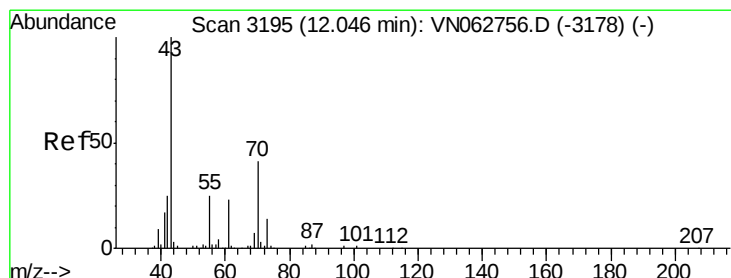
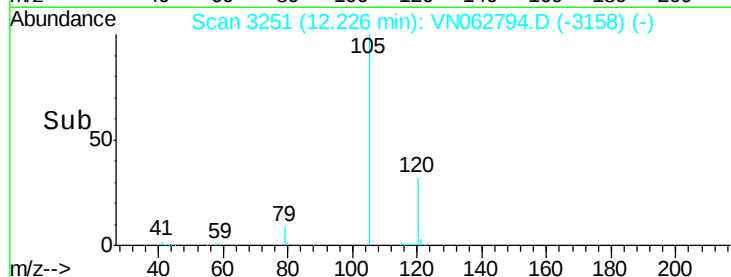
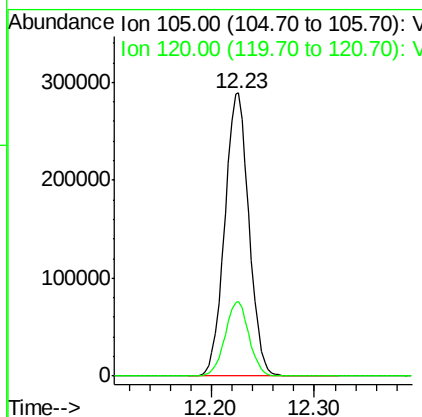
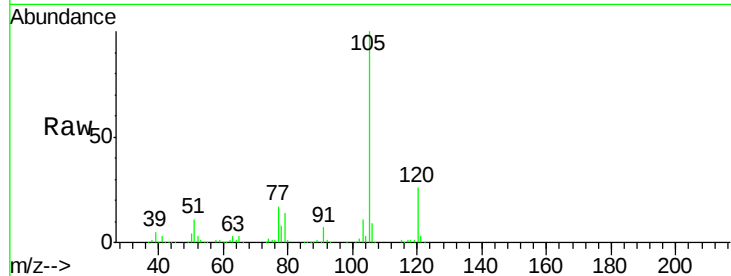
#73
Isopropylbenzene
Concen: 47.759 ug/l
RT: 12.23 min Scan# 3251
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.9	12.6	37.8

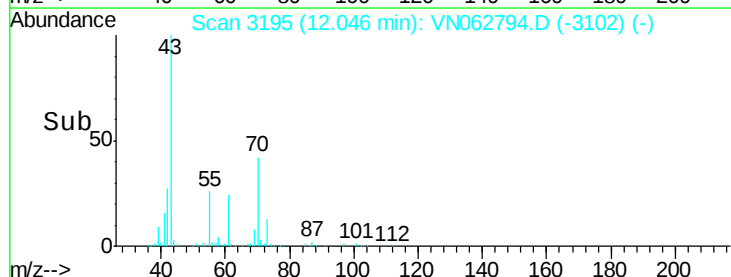
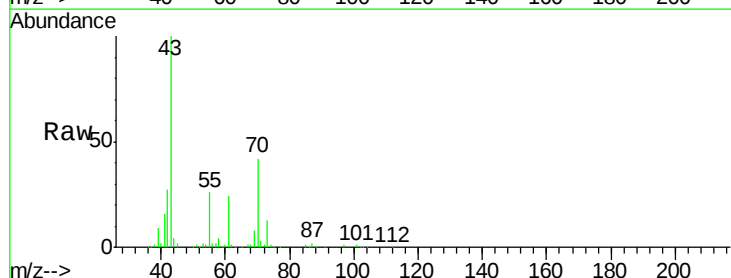
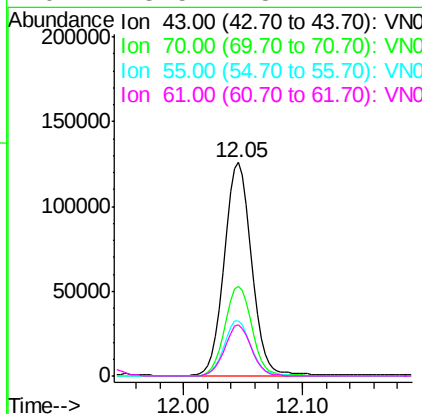
Manual Integrations
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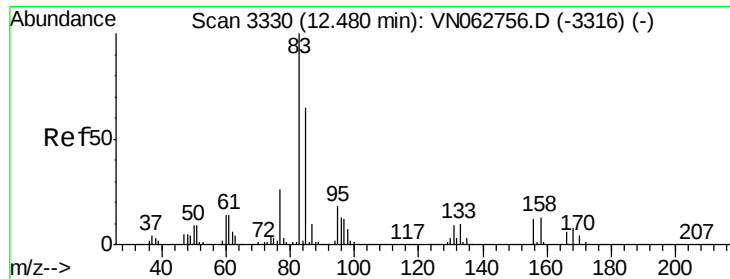
MMDadoda
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#74
N-ethyl acetate
Concen: 49.936 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Tgt Ion	Ratio	Lower	Upper
43	100		
70	41.8	32.3	48.5
55	25.7	20.2	30.2
61	23.5	18.2	27.4





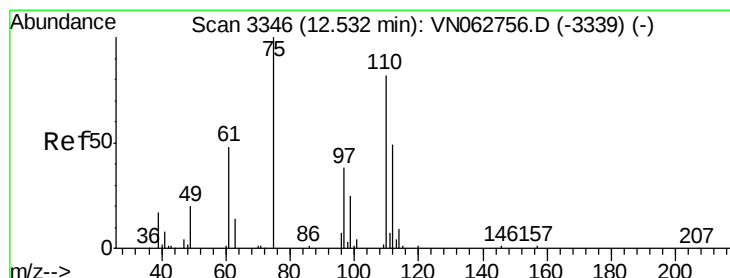
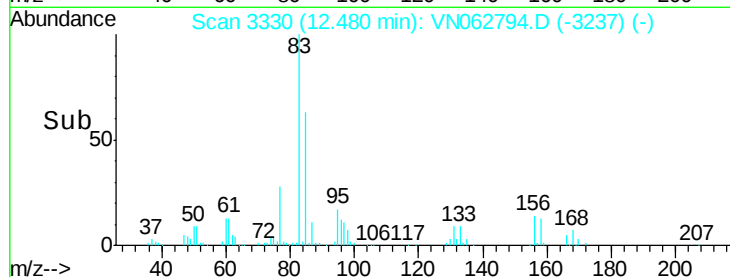
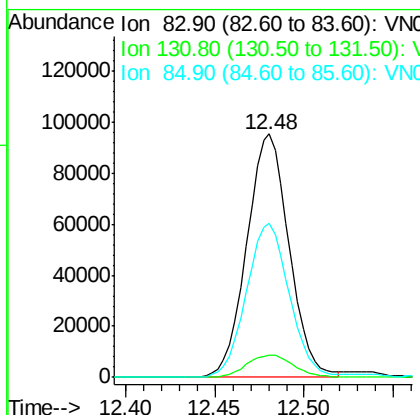
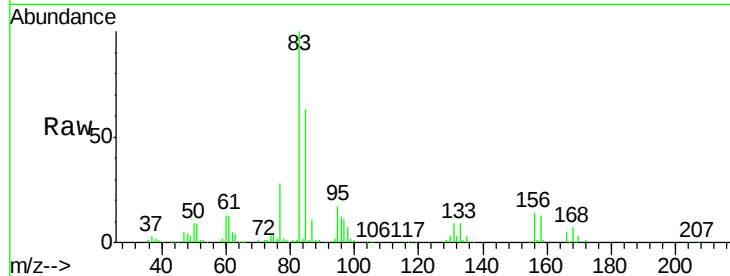
#75
 1,1,2,2-Tetrachloroethane
 Concen: 45.400 ug/l
 RT: 12.48 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	157891		
131	10.1	5.1	15.4	
85	64.3	31.9	95.9	

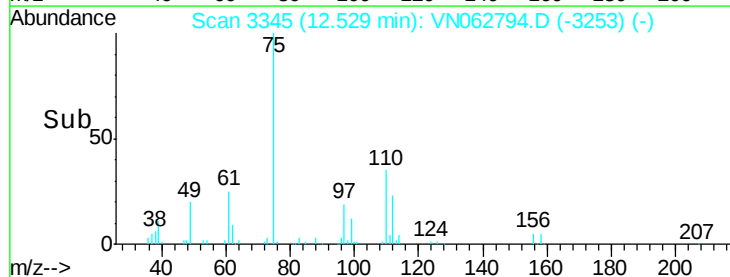
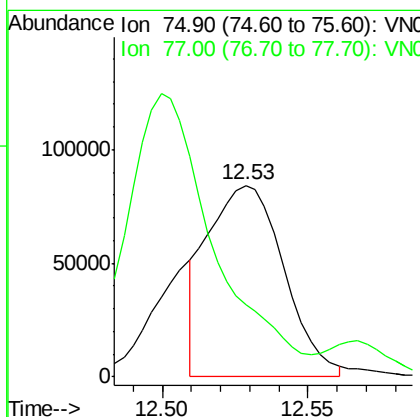
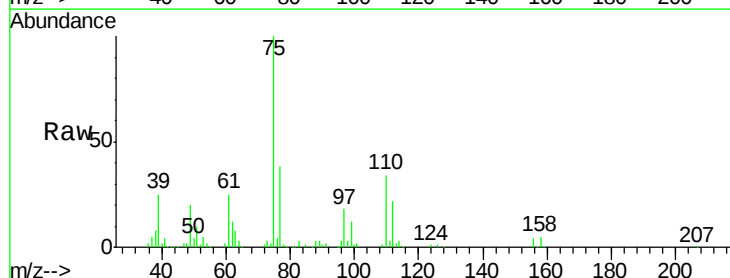
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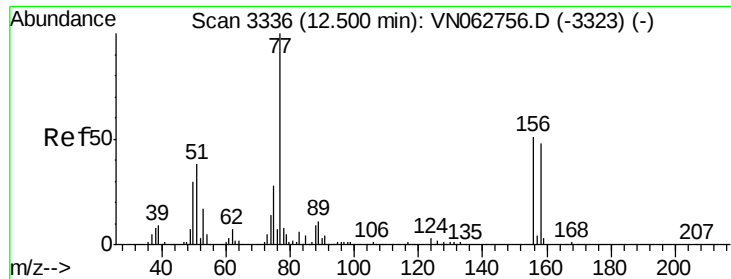
MMDadoda
 8/10/2020 12:24:40 PM



#76
 1,2,3-Trichloropropane
 Concen: 43.383 ug/l m
 RT: 12.53 min Scan# 3346
 Delta R.T. -0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	153501		
77	0.0	0.0	0.0	





#77

Bromobenzene

Concen: 46.411 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Instrument :

MSVOA_N

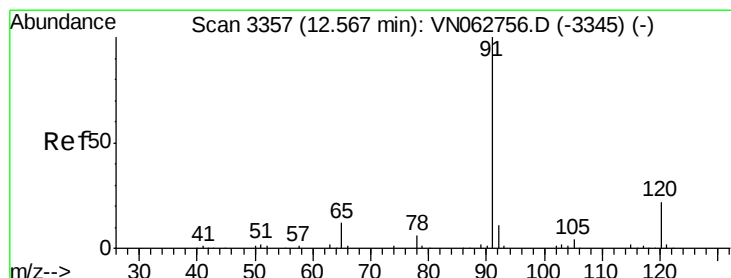
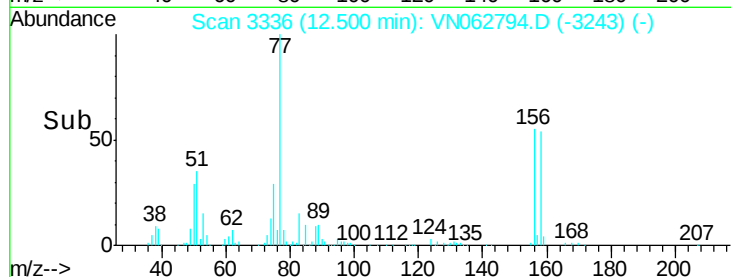
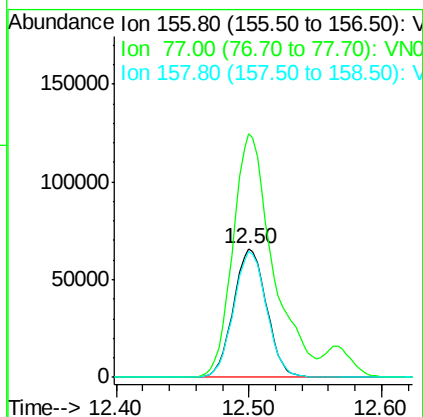
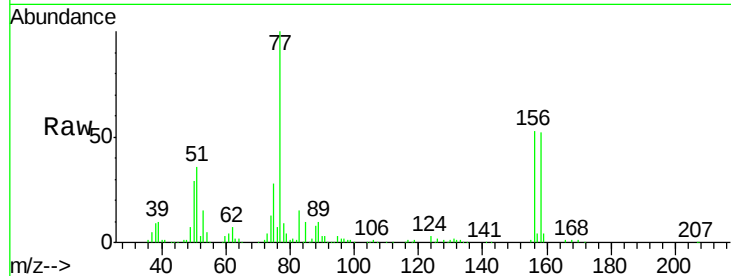
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	229.5	119.7	359.1
158	97.4	48.1	144.3

Manual Integrations
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#78

n-propylbenzene

Concen: 47.669 ug/l

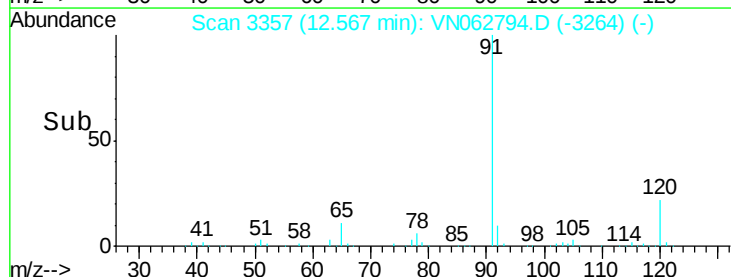
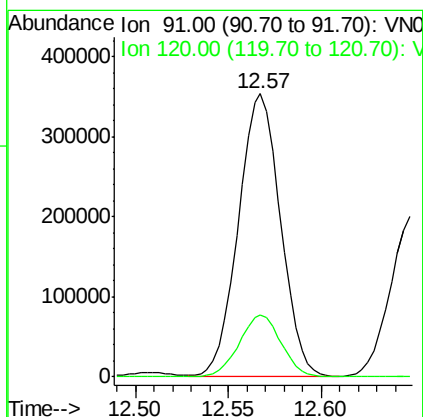
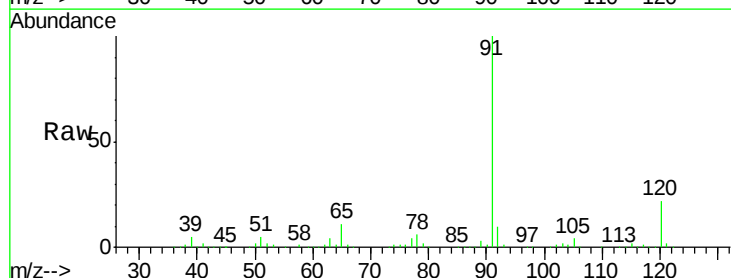
RT: 12.57 min Scan# 3357

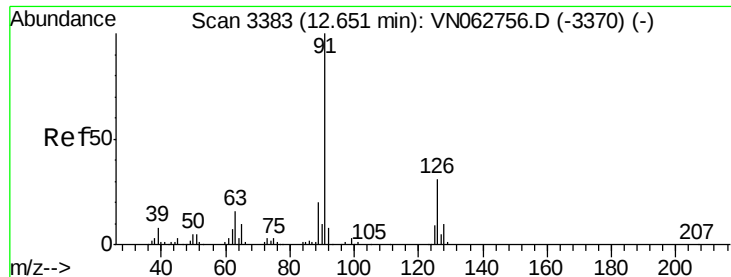
Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.0	10.9	32.9





#79

2-Chlorotoluene

Concen: 46.398 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 337417

Ion Ratio Lower Upper

91 100

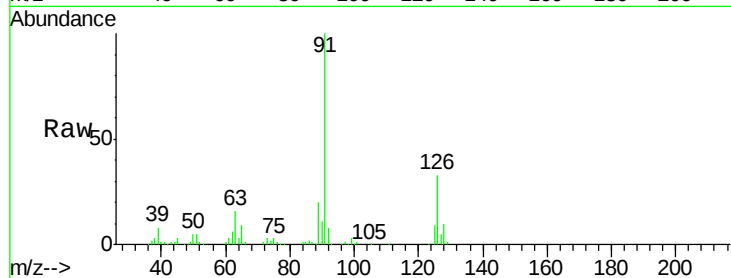
126 32.2 15.6 46.7

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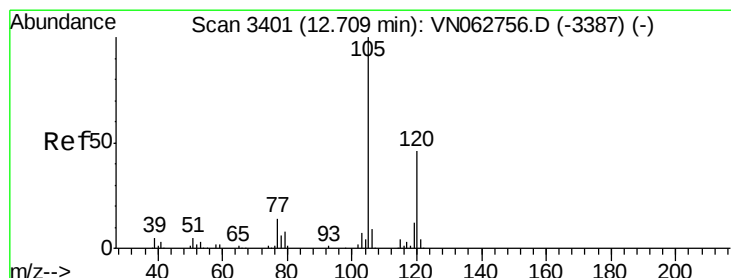
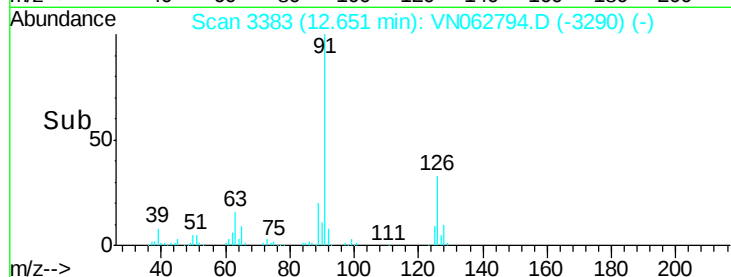
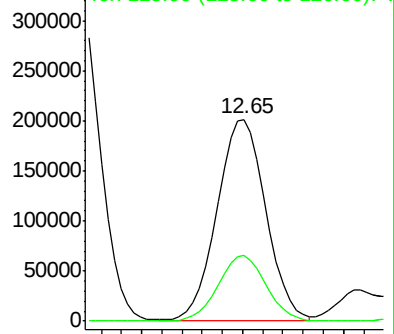
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Abundance Ion 91.00 (90.70 to 91.70): VN062756.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062756.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.581 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062794.D

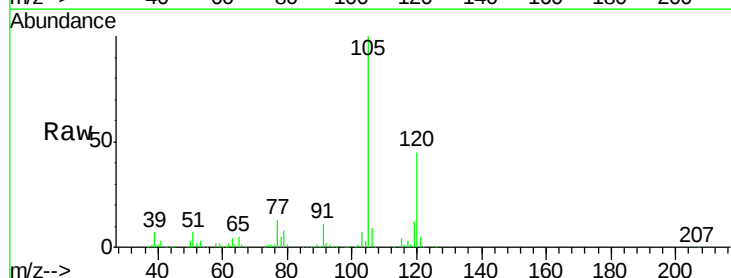
Acq: 7 Aug 2020 21:19

Tgt Ion: 105 Resp: 424947

Ion Ratio Lower Upper

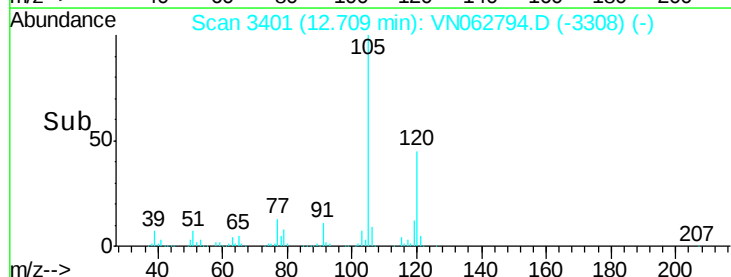
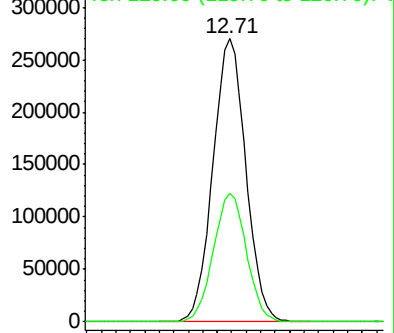
105 100

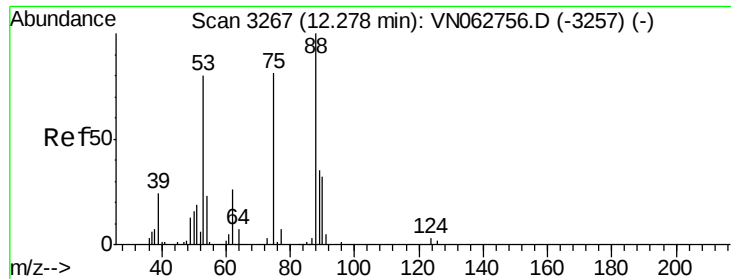
120 45.8 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): VN062756.D (-3387) (-)

Ion 120.00 (119.70 to 120.70): VN062756.D (-3387) (-)





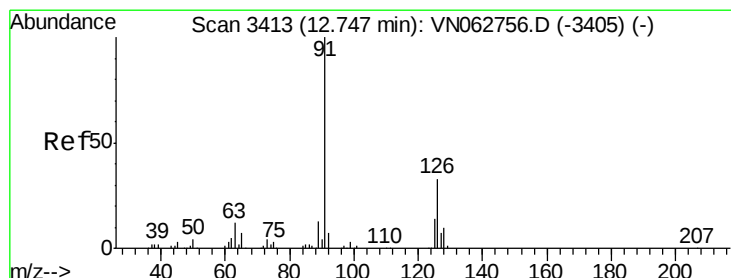
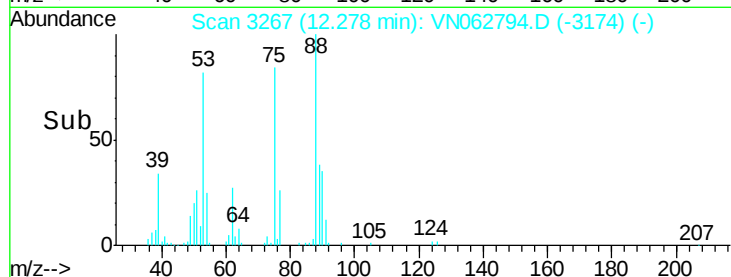
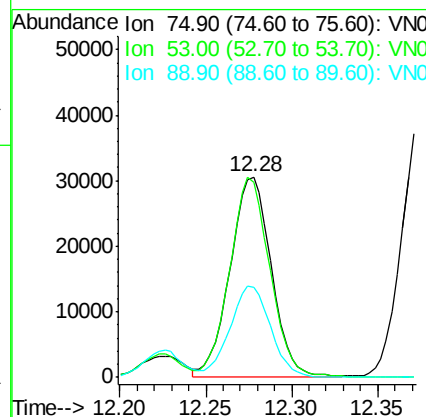
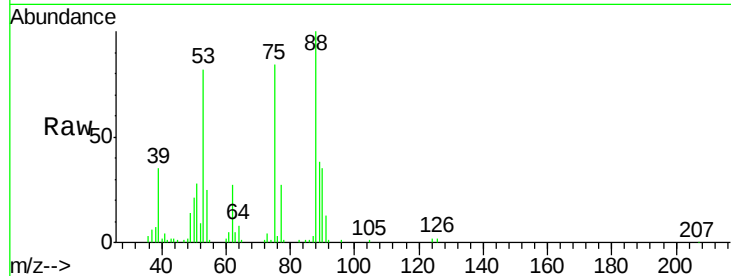
#81
trans-1,4-Dichloro-2-butene
Concen: 44.362 ug/l
RT: 12.28 min Scan# 3267
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.6	79.1	118.7
89	44.8	36.2	54.2

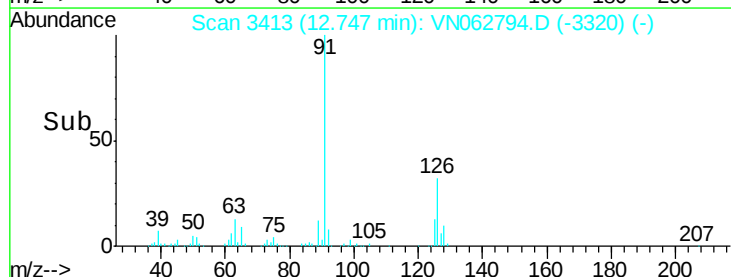
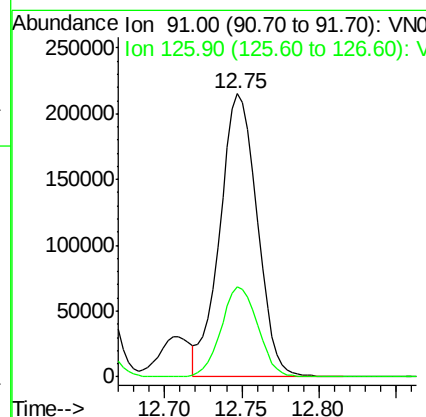
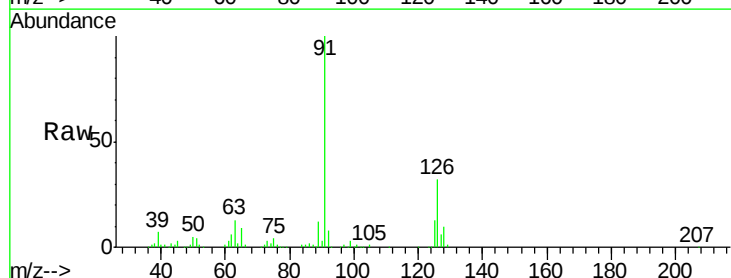
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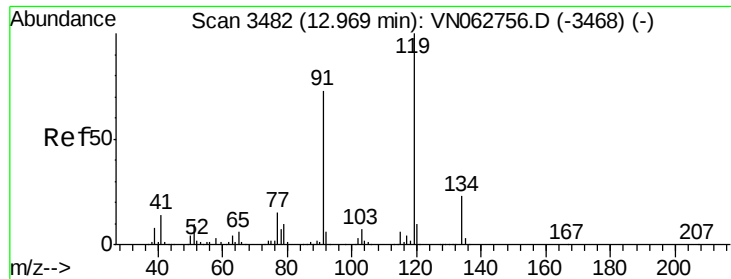
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#82
4-Chlorotoluene
Concen: 47.847 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.3	45.9





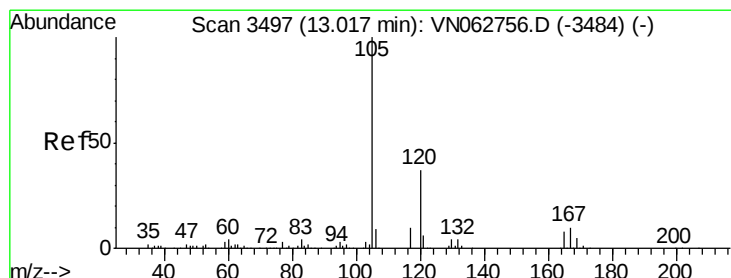
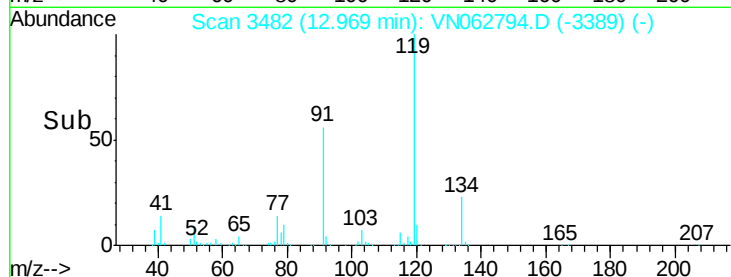
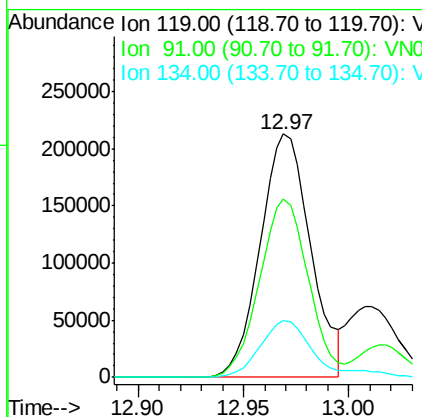
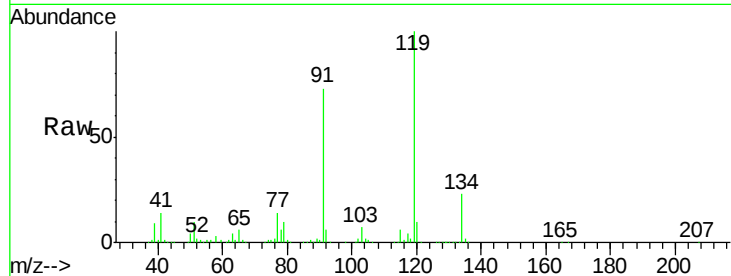
#83
tert-Butylbenzene
Concen: 48.825 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.4	36.5	109.5
134	23.1	11.3	33.8

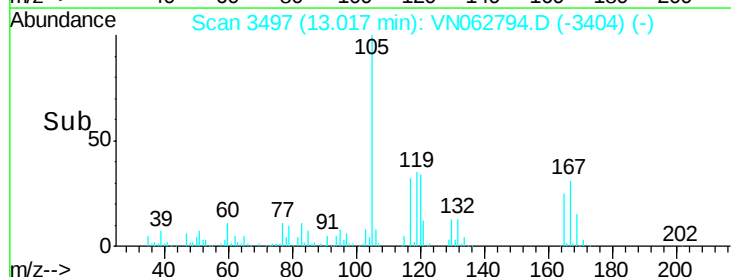
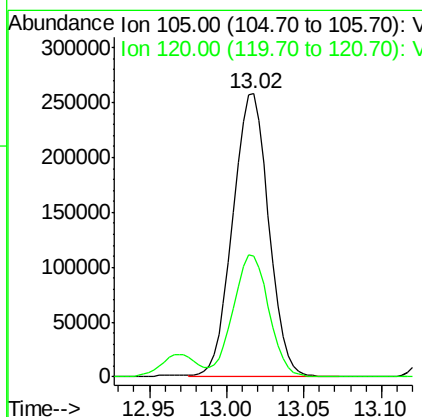
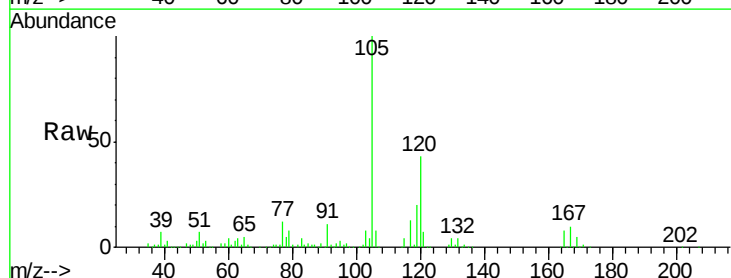
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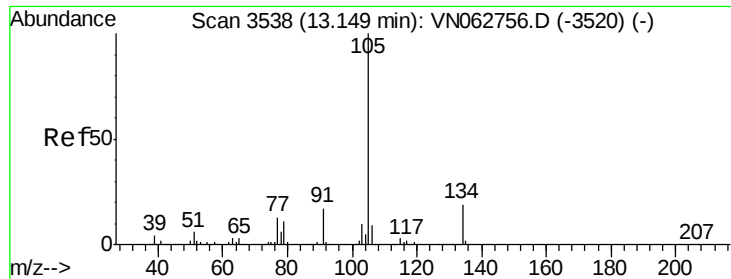
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#84
1,2,4-Trimethylbenzene
Concen: 50.719 ug/l
RT: 13.02 min Scan# 3497
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.9	21.4	64.2





#85

sec-Butylbenzene

Concen: 48.945 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 466138

Ion Ratio Lower Upper

105 100

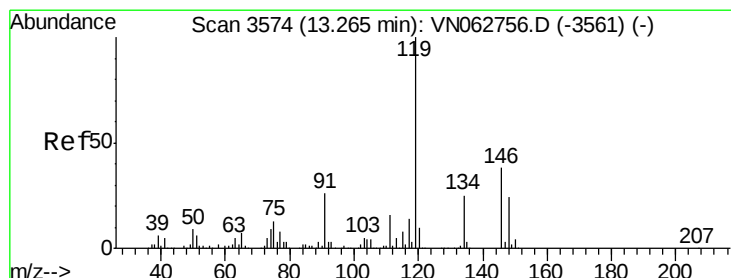
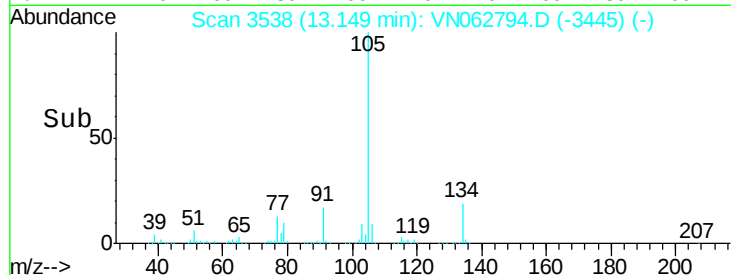
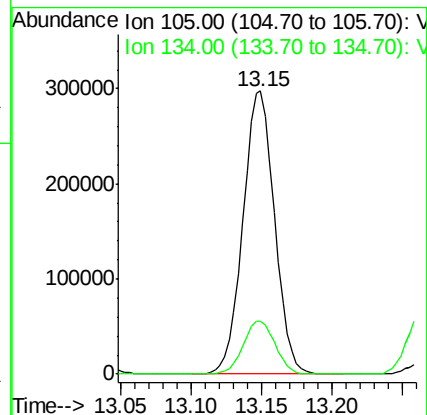
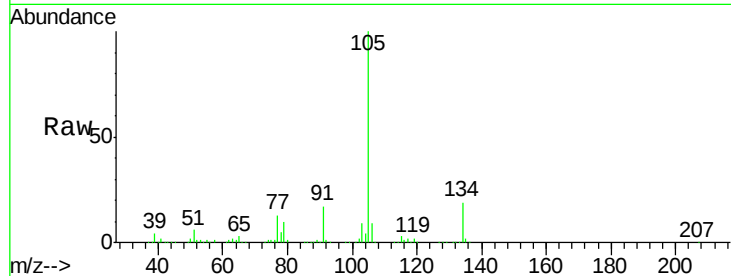
134 19.0 9.6 28.6

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#86

p-Isopropyltoluene

Concen: 49.584 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

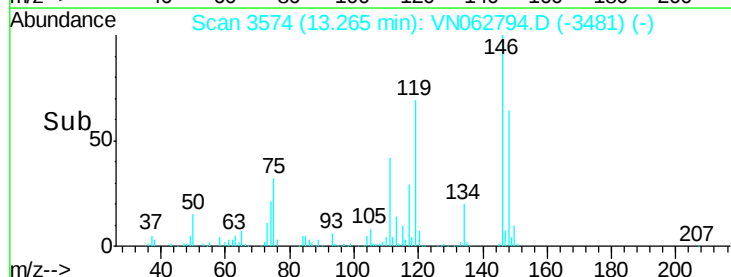
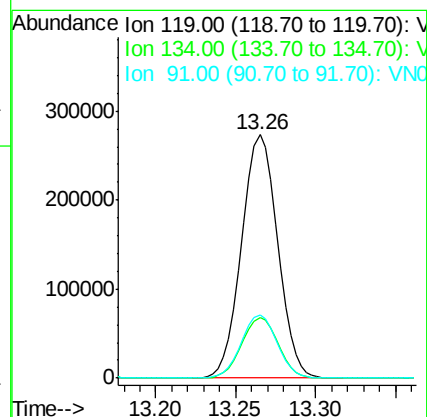
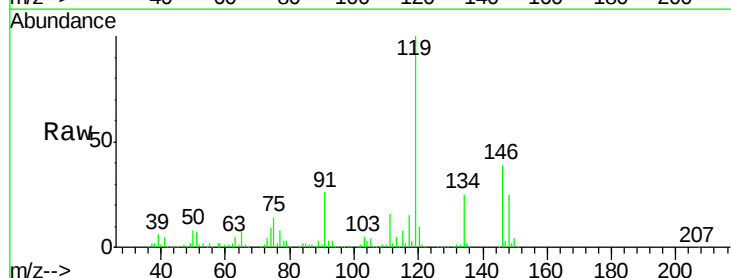
Tgt Ion:119 Resp: 419161

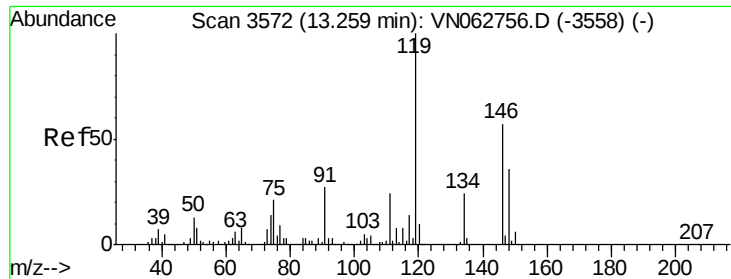
Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.8

91 25.9 13.4 40.2





#87

1,3-Dichlorobenzene

Concen: 46.903 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Instrument :

MSVOA_N

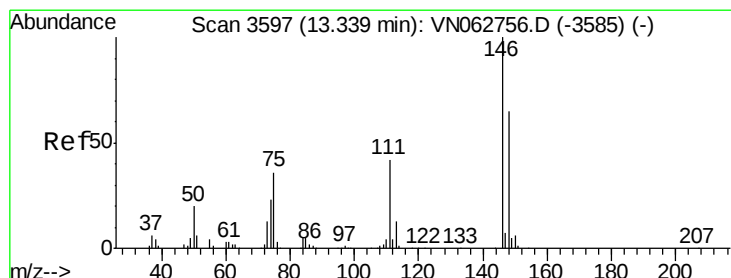
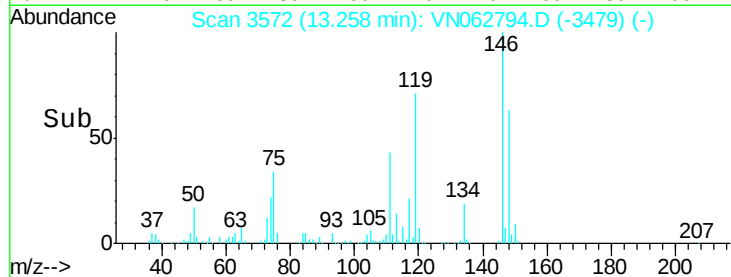
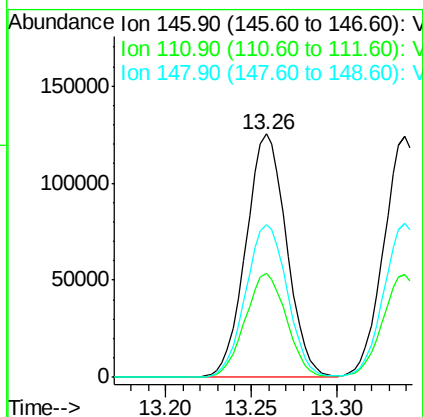
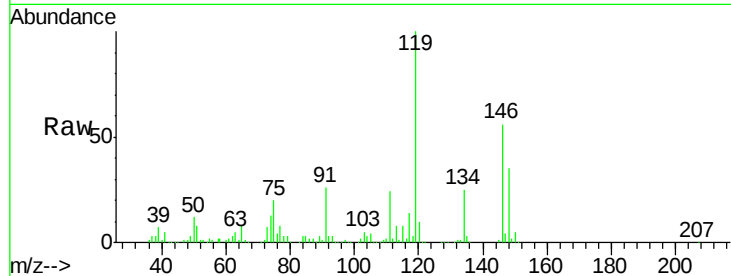
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	205679
Ion Ratio	Lower	Upper	
146	100		
111	43.4	21.7	65.1
148	64.1	31.4	94.2

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#88

1,4-Dichlorobenzene

Concen: 46.714 ug/l

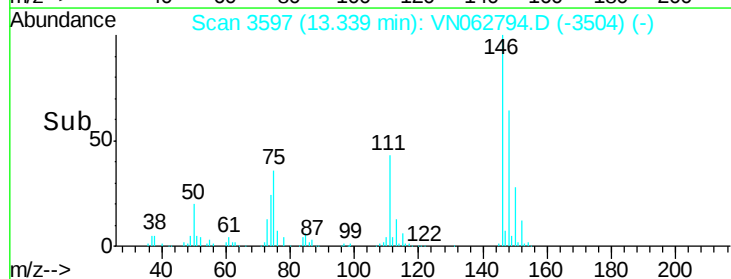
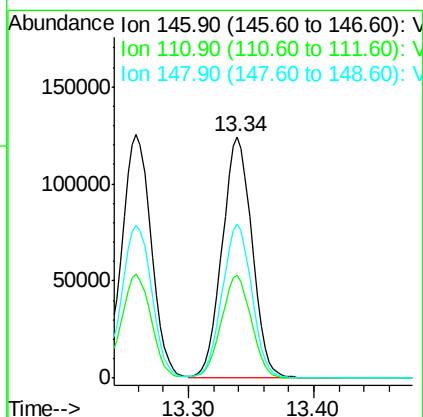
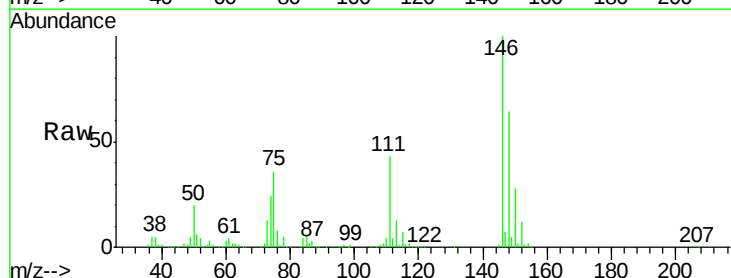
RT: 13.34 min Scan# 3597

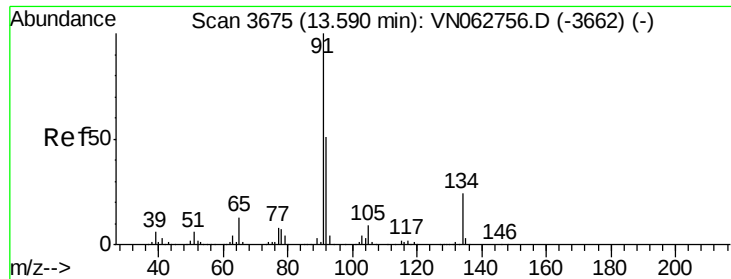
Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Tgt Ion:	146	Resp:	205461
Ion Ratio	Lower	Upper	
146	100		
111	42.3	21.6	64.6
148	63.4	32.6	97.8





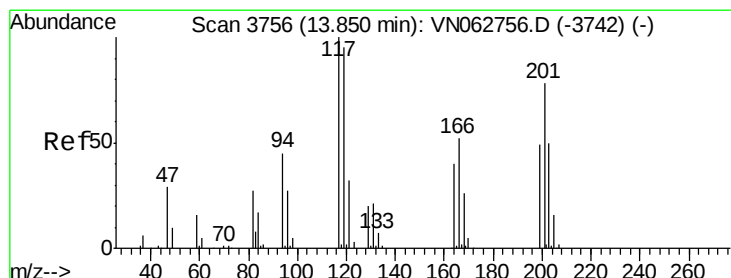
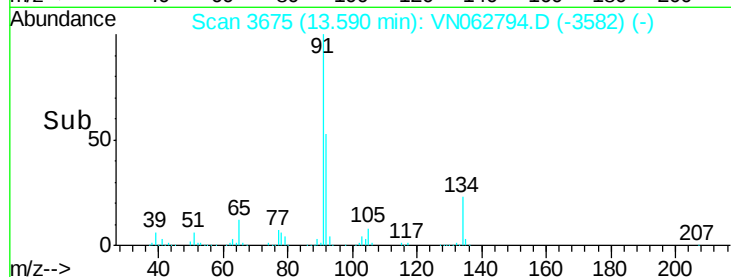
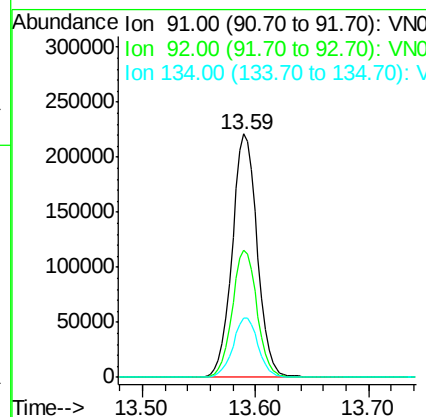
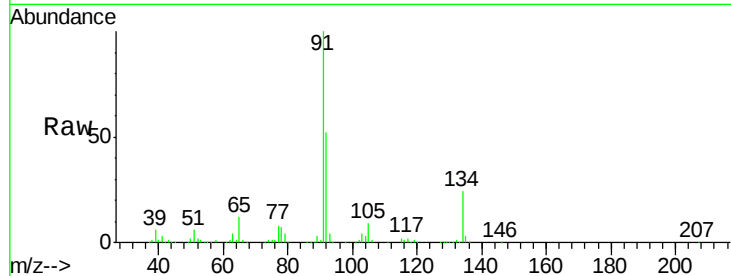
#89
n-Butylbenzene
Concen: 47.692 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	25.7	77.0
134	24.3	12.2	36.6

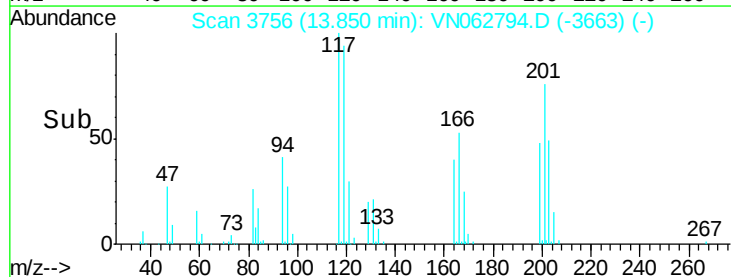
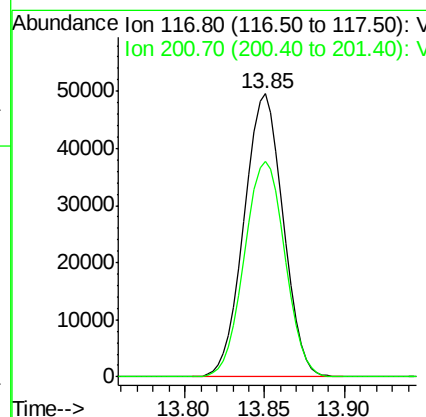
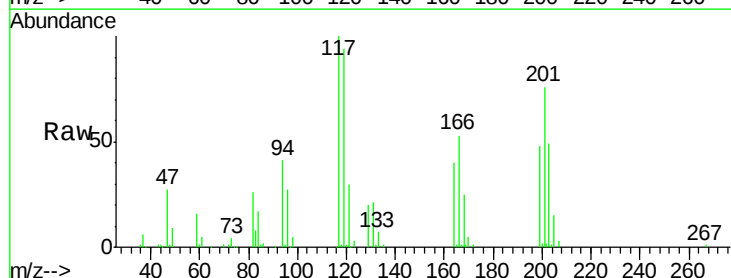
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#90
Hexachloroethane
Concen: 45.347 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062794.D
Acq: 7 Aug 2020 21:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.0	39.2	117.6





#91

1,2-Dichlorobenzene

Concen: 49.324 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Instrument :

MSVOA_N

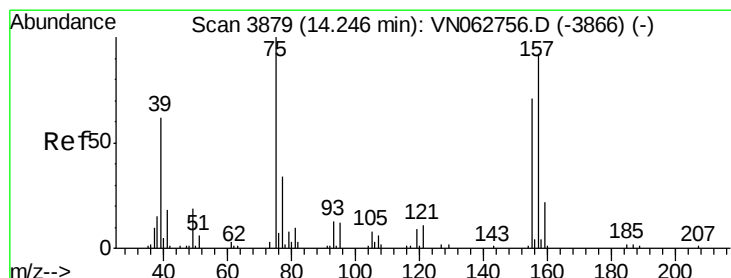
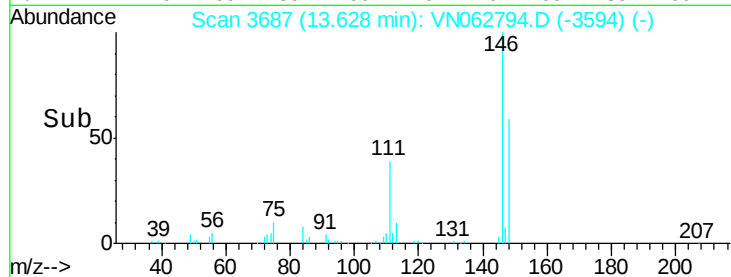
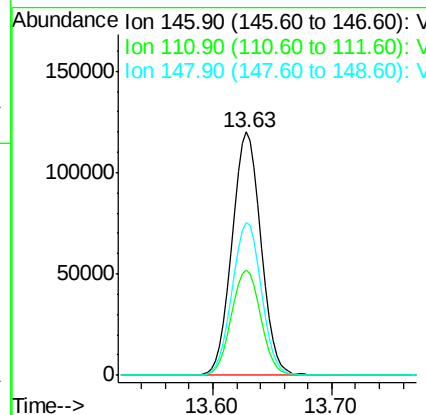
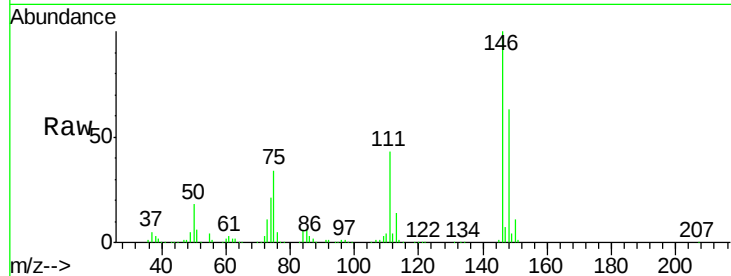
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	202782
Ion Ratio	Lower	Upper	
146	100		
111	44.0	22.8	68.4
148	63.5	31.9	95.5

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 46.230 ug/l

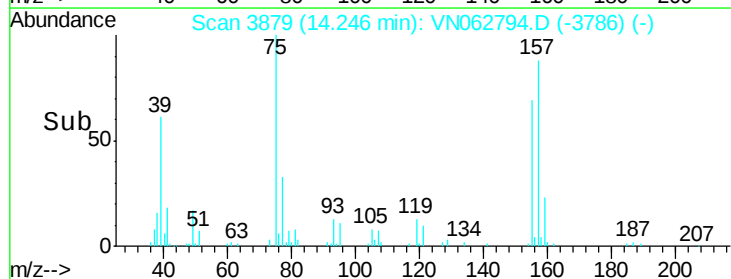
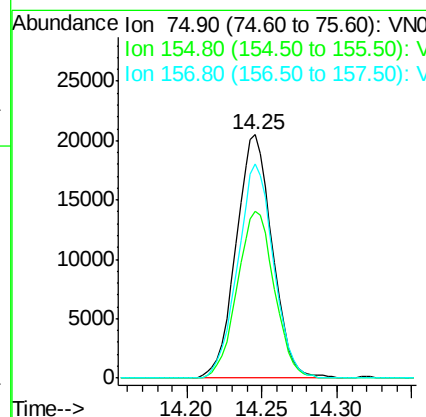
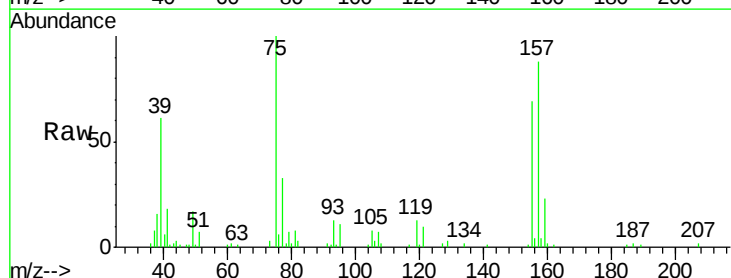
RT: 14.25 min Scan# 3879

Delta R.T. -0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Tgt Ion:	75	Resp:	34516
Ion Ratio	Lower	Upper	
75	100		
155	69.9	35.0	105.1
157	86.9	43.2	129.6





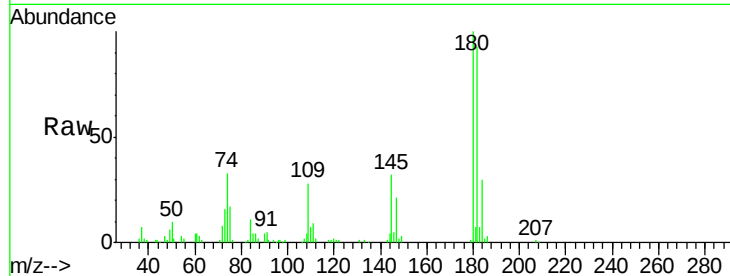
#93
 1,2,4-Trichlorobenzene
 Concen: 42.890 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

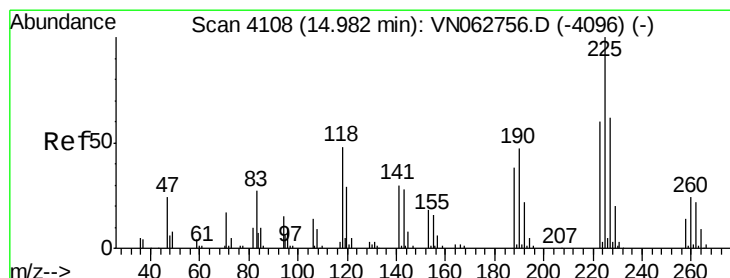
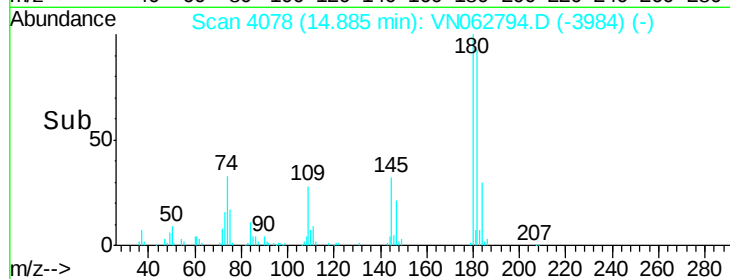
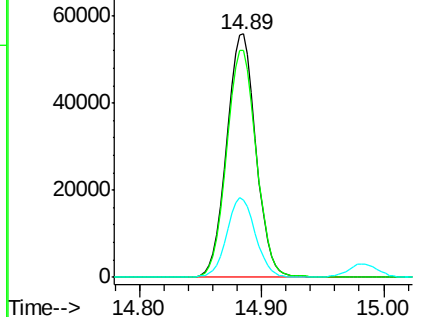
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.9	49.1	147.4	
145	32.1	16.3	48.8	

Manual Integrations
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MMDadoda
 8/10/2020 12:24:40 PM

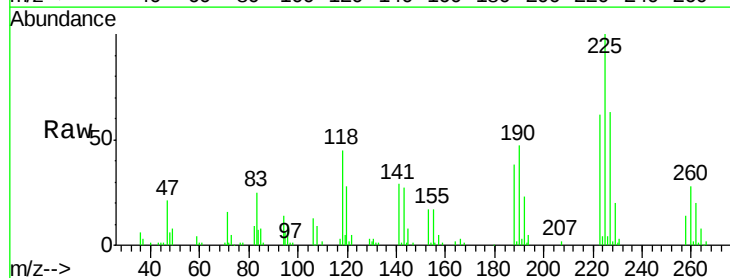


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

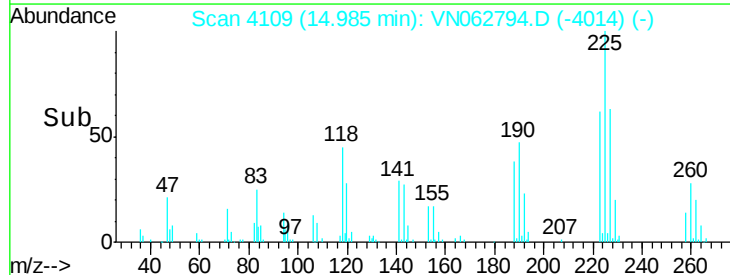
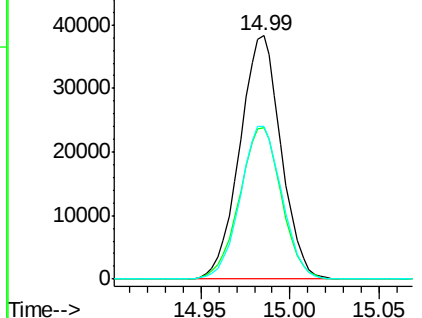


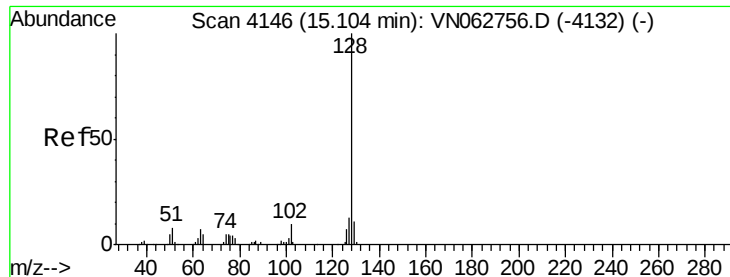
#94
 Hexachlorobutadiene
 Concen: 47.791 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062794.D
 Acq: 7 Aug 2020 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	30.6	92.0	
227	62.8	31.6	95.0	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 41.294 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Instrument :

MSVOA_N

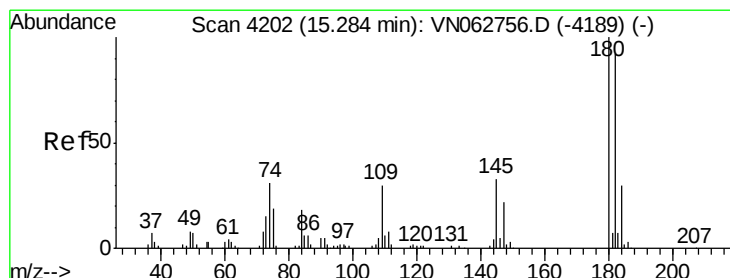
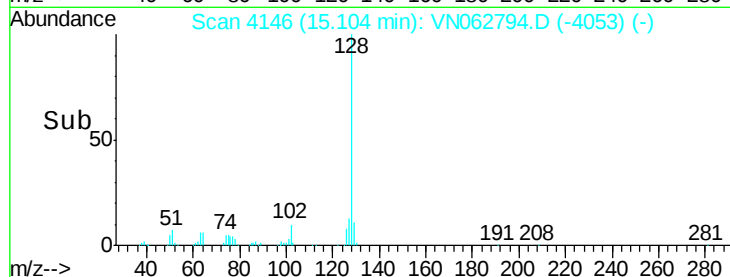
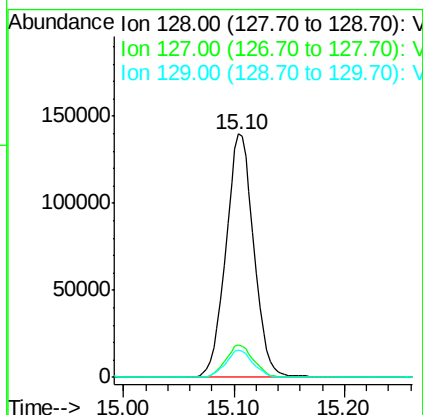
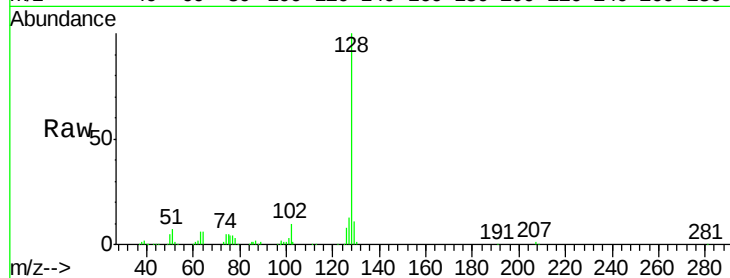
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	244851
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.8	16.2
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
8/10/2020 12:24:40 PM



#96

1,2,3-Trichlorobenzene

Concen: 44.238 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062794.D

Acq: 7 Aug 2020 21:19

Tgt Ion:	180	Resp:	95543
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.9	143.6
145	35.3	17.3	51.7

