

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070220\
 Data File : VN062340.D
 Acq On : 2 Jul 2020 18:06
 Operator : JC/MD
 Sample : VN0702MBS01
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 03 00:34:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	137930	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	258550	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	239683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	103488	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	116384	60.13	ug/l	0.00
Spiked Amount			Recovery	=	120.26%	
35) Dibromofluoromethane	7.55	113	88339	53.26	ug/l	0.00
Spiked Amount			Recovery	=	106.52%	
50) Toluene-d8	10.06	98	341298	51.47	ug/l	0.00
Spiked Amount			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.37	95	112995	50.44	ug/l	0.00
Spiked Amount			Recovery	=	100.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	25214	16.173	ug/l	99
3) Chloromethane	2.03	50	35760	18.644	ug/l	98
4) Vinyl Chloride	2.16	62	40942	16.676	ug/l	98
5) Bromomethane	2.53	94	27695	17.453	ug/l	97
6) Chloroethane	2.67	64	27886	16.627	ug/l	99
7) Trichlorofluoromethane	2.98	101	48060	15.886	ug/l	98
8) Diethyl Ether	3.37	74	21962	20.790	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	29967	18.915	ug/l	96
10) Methyl Iodide	3.91	142	33219	18.618	ug/l	99
11) Tert butyl alcohol	4.74	59	31844	114.583	ug/l	98
12) 1,1-Dichloroethene	3.69	96	28700	18.121	ug/l	91
13) Acrolein	3.57	56	21415	78.705	ug/l	100
14) Allyl chloride	4.27	41	46250	21.449	ug/l	93
15) Acrylonitrile	4.93	53	84370	111.406	ug/l	98
16) Acetone	3.78	43	74313	120.210	ug/l	98
17) Carbon Disulfide	4.01	76	78699	17.381	ug/l	100
18) Methyl Acetate	4.28	43	37622	24.451	ug/l	95
19) Methyl tert-butyl Ether	4.99	73	105323	20.811	ug/l	97
20) Methylene Chloride	4.50	84	38962	21.805	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	32216	17.856	ug/l	96
22) Diisopropyl ether	5.90	45	105909	21.572	ug/l	92
23) Vinyl Acetate	5.84	43	435412	108.624	ug/l	99
24) 1,1-Dichloroethane	5.80	63	64805	20.498	ug/l	98
25) 2-Butanone	6.79	43	109158	115.376	ug/l	95
26) 2,2-Dichloropropane	6.78	77	51025	19.368	ug/l	95
27) cis-1,2-Dichloroethene	6.78	96	38245	18.838	ug/l	96
28) Bromochloromethane	7.15	49	28622	20.866	ug/l	87
29) Tetrahydrofuran	7.17	42	71709	115.707	ug/l	95
30) Chloroform	7.33	83	63273	19.671	ug/l	100
31) Cyclohexane	7.62	56	49791	18.619	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	51226	18.884	ug/l	97
36) 1,1-Dichloropropene	7.75	75	44676	17.191	ug/l	97
37) Ethyl Acetate	6.88	43	47160	21.915	ug/l	98
38) Carbon Tetrachloride	7.73	117	40455	16.511	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	47314	16.616	ug/l	96
40) Benzene	8.00	78	144166	18.200	ug/l	99
41) Methacrylonitrile	7.12	41	18353	18.396	ug/l	94
42) 1,2-Dichloroethane	8.09	62	52492	19.614	ug/l	98
43) Isopropyl Acetate	8.13	43	74156	21.139	ug/l	98
44) Trichloroethene	8.80	130	32451	16.241	ug/l	97
45) 1,2-Dichloropropane	9.09	63	38121	19.508	ug/l	100
46) Dibromomethane	9.18	93	24776	18.700	ug/l	94
47) Bromodichloromethane	9.37	83	50419	18.847	ug/l	97
48) Methyl methacrylate	9.17	41	31600	20.090	ug/l	96
49) 1,4-Dioxane	9.17	88	14282	409.447	ug/l	92
51) 4-Methyl-2-Pentanone	9.95	43	227162	110.832	ug/l	97
52) Toluene	10.12	92	86922	17.985	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	54236	18.427	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	58655	18.719	ug/l	97
55) 1,1,2-Trichloroethane	10.54	97	36345	19.131	ug/l	98
56) Ethyl methacrylate	10.40	69	49446	19.502	ug/l	92
57) 1,3-Dichloropropane	10.68	76	63080	19.290	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	99757	102.564	ug/l	97
59) 2-Hexanone	10.72	43	162560	109.837	ug/l	96
60) Dibromochloromethane	10.87	129	36820	18.306	ug/l	96
61) 1,2-Dibromoethane	10.98	107	35661	18.268	ug/l	98
64) Tetrachloroethene	10.60	164	24794	15.144	ug/l	94
65) Chlorobenzene	11.41	112	92167	17.511	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	32849	18.048	ug/l	99
67) Ethyl Benzene	11.48	91	158565	17.838	ug/l	100
68) m/p-Xylenes	11.60	106	120462	35.036	ug/l	97
69) o-Xylene	11.92	106	56559	17.435	ug/l	96
70) Styrene	11.94	104	95036	17.566	ug/l	98
71) Bromoform	12.10	173	22863	17.668	ug/l #	97
73) Isopropylbenzene	12.22	105	151497	18.912	ug/l	99
74) N-amyl acetate	12.05	43	57863	21.653	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	56178	21.074	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	68772	28.229	ug/l #	100
77) Bromobenzene	12.50	156	35130	17.664	ug/l	88
78) n-propylbenzene	12.57	91	173248	18.907	ug/l	99
79) 2-Chlorotoluene	12.65	91	107030	19.321	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	124781	19.215	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	16657	19.968	ug/l	93
82) 4-Chlorotoluene	12.75	91	110086	19.217	ug/l	97
83) tert-Butylbenzene	12.97	119	101955	18.345	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	122311	18.858	ug/l	98
85) sec-Butylbenzene	13.15	105	139676	19.020	ug/l	100
86) p-Isopropyltoluene	13.26	119	118586	18.431	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	63411	18.157	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	62587	17.385	ug/l	97
89) n-Butylbenzene	13.59	91	94434	17.654	ug/l	98
90) Hexachloroethane	13.85	117	23811	18.863	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	61576	18.182	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	9766	22.869	ug/l	84

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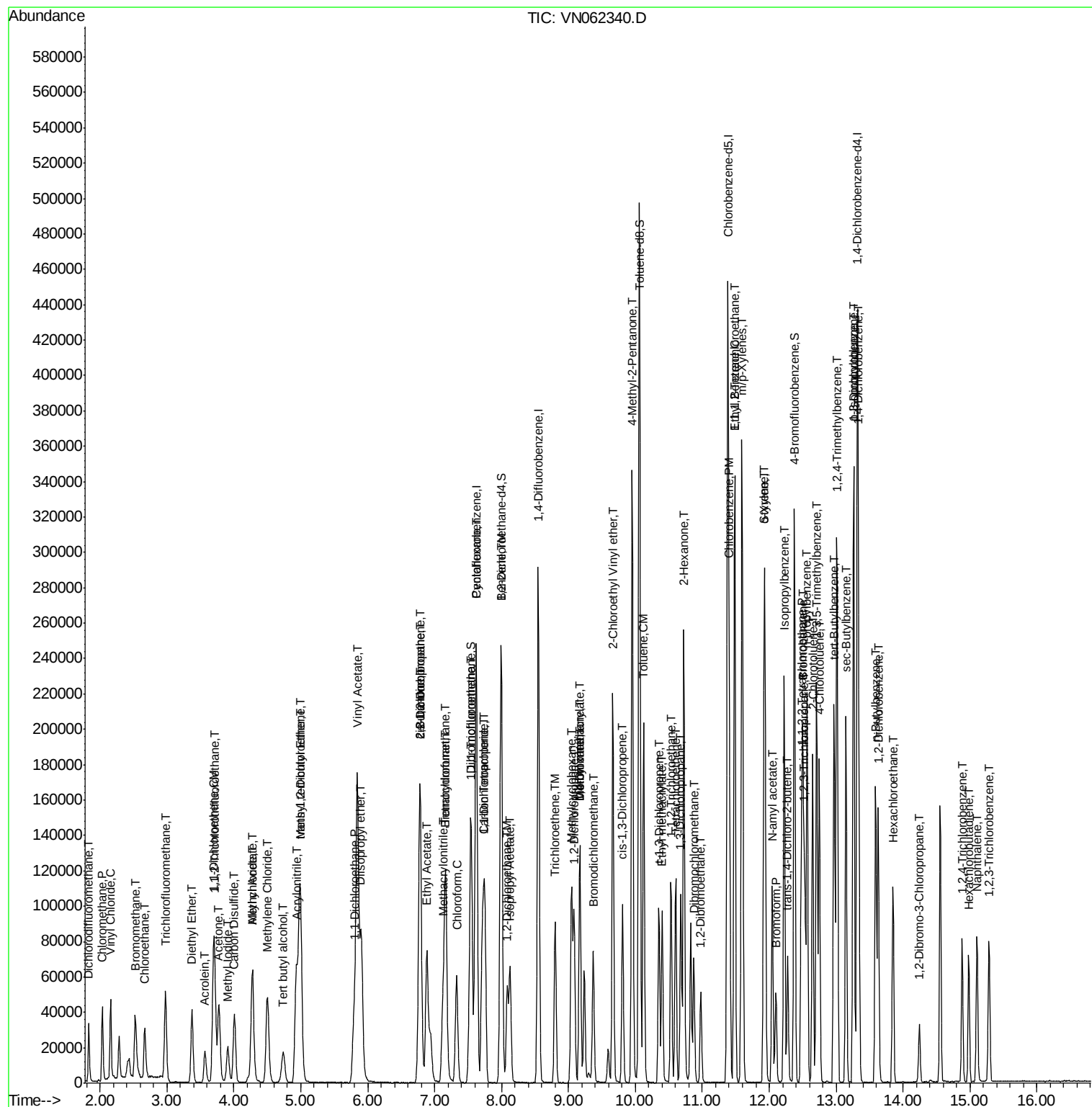
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	24000	16.222	ug/l	98
94) Hexachlorobutadiene	14.98	225	11577	18.017	ug/l	98
95) Naphthalene	15.10	128	70094	17.069	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	25176	16.643	ug/l	99

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

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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: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

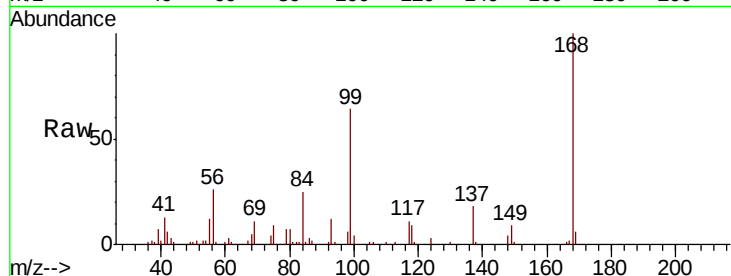
ClientSampled :

Tot Ion:168 Resp: 137930

Ion Ratio Lower Upper

168 100

99 63.5 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

60000

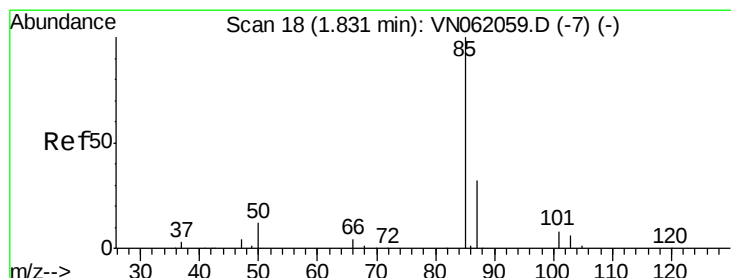
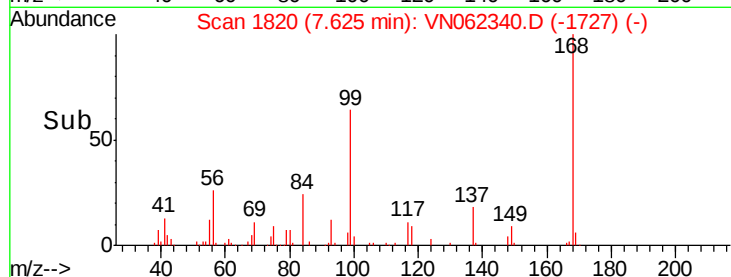
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 16.173 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062340.D

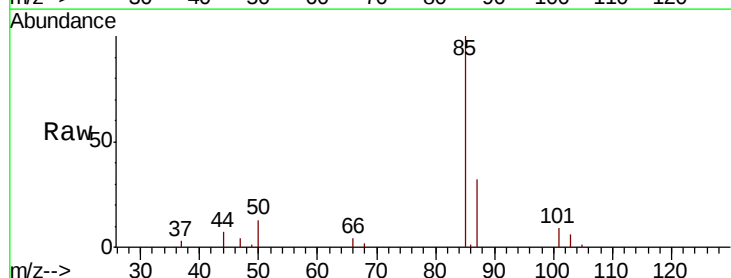
Acq: 2 Jul 2020 18:06

Tgt Ion: 85 Resp: 25214

Ion Ratio Lower Upper

85 100

87 32.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

20000

15000

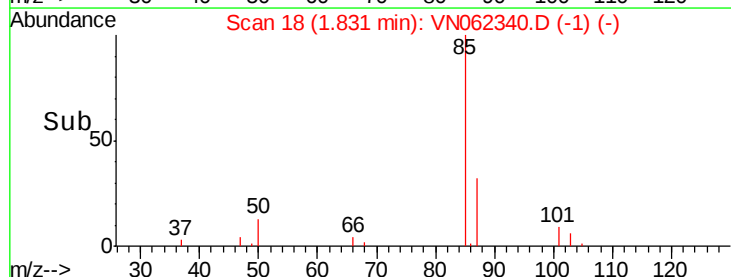
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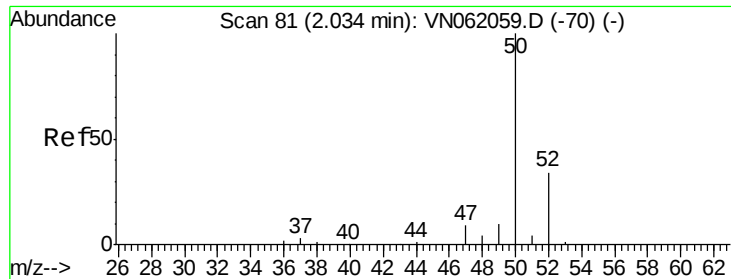
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0

1.80 1.85 1.90

Time-->

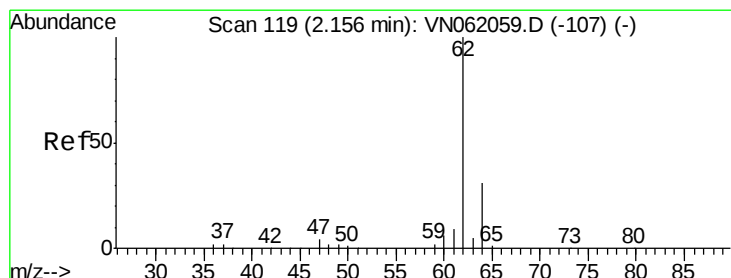
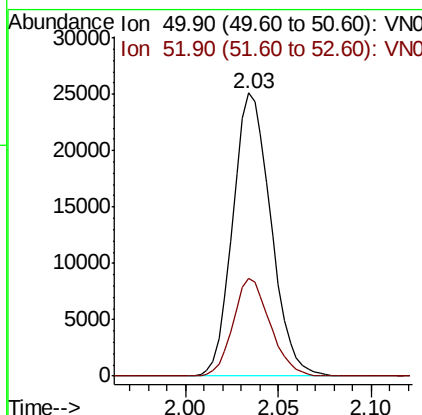
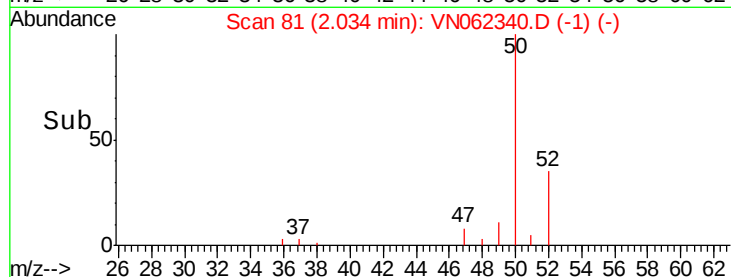
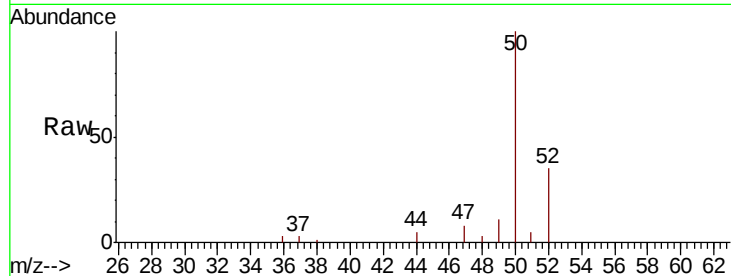




#3
 Chloromethane
 Concen: 18.644 ug/l
 RT: 2.03 min Scan# 81
 Delta R.T. 0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

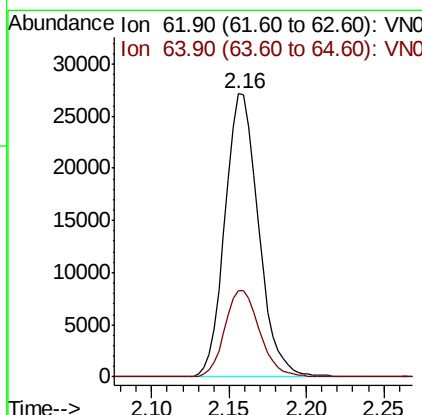
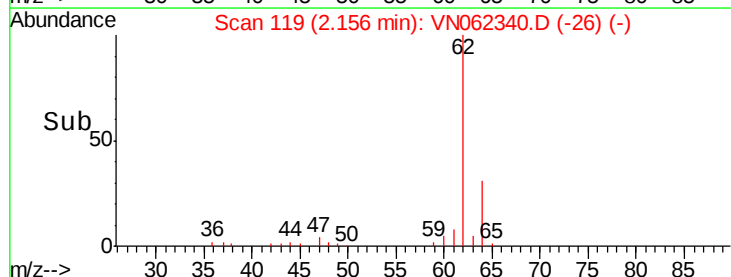
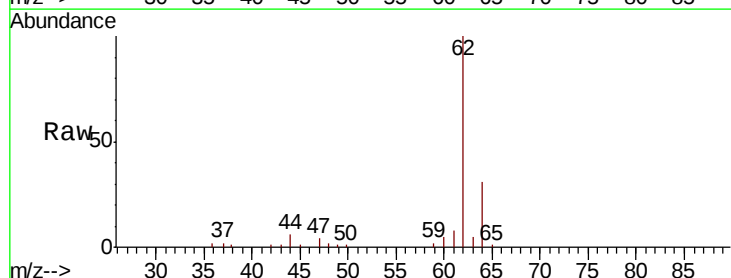
Instrument :
 MSVOA_N
 ClientSampled :

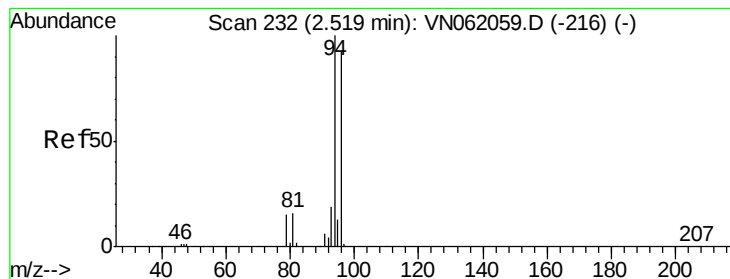
Tot Ion: 50 Resp: 35760
 Ion Ratio Lower Upper
 50 100
 52 34.7 27.0 40.6



#4
 Vinyl Chloride
 Concen: 16.676 ug/l
 RT: 2.16 min Scan# 119
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Tgt Ion: 62 Resp: 40942
 Ion Ratio Lower Upper
 62 100
 64 30.6 25.1 37.7





#5

Bromomethane

Concen: 17.453 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.01 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

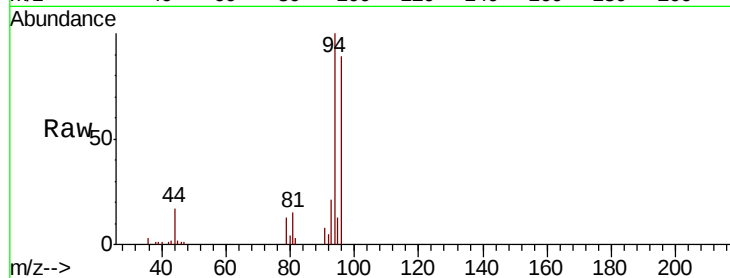
ClientSampled :

Tot Ion: 94 Resp: 27695

Ion Ratio Lower Upper

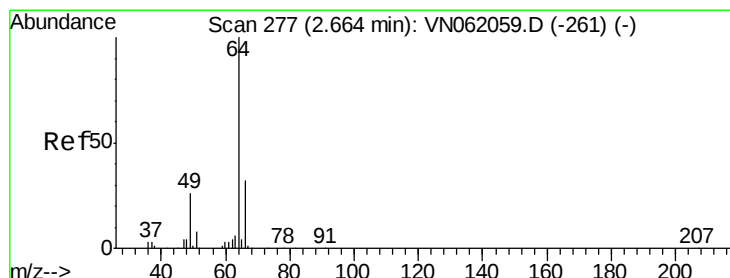
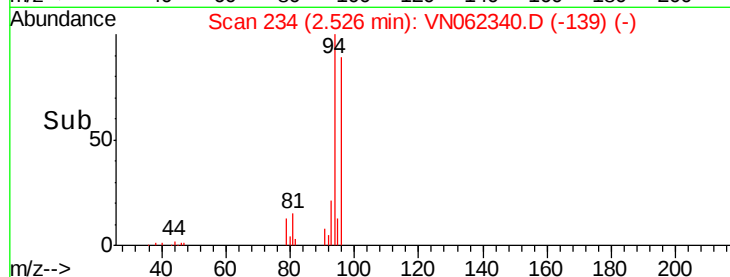
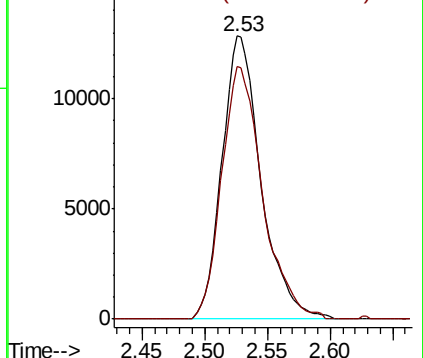
94 100

96 89.2 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN062340.D (-139) (-)

Ion 95.90 (95.60 to 96.60): VN062340.D (-139) (-)



#6

Chloroethane

Concen: 16.627 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062340.D

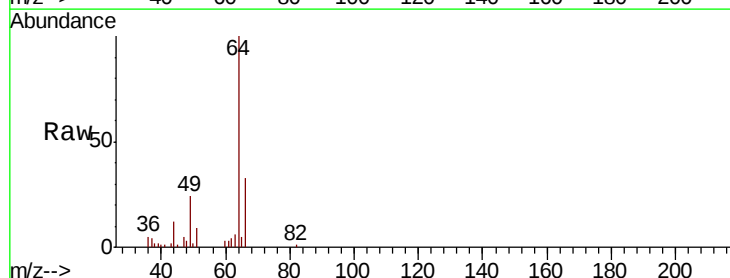
Acq: 2 Jul 2020 18:06

Tgt Ion: 64 Resp: 27886

Ion Ratio Lower Upper

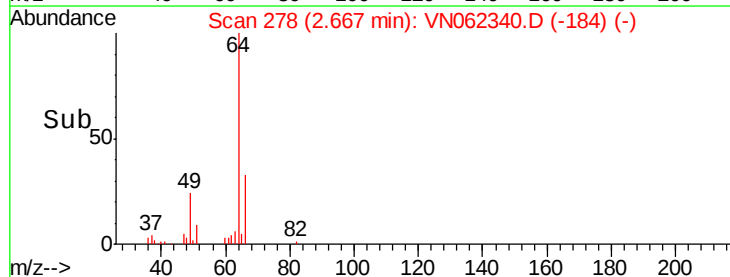
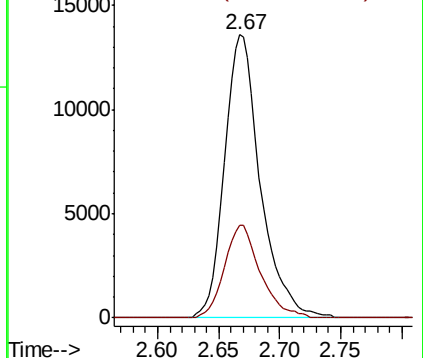
64 100

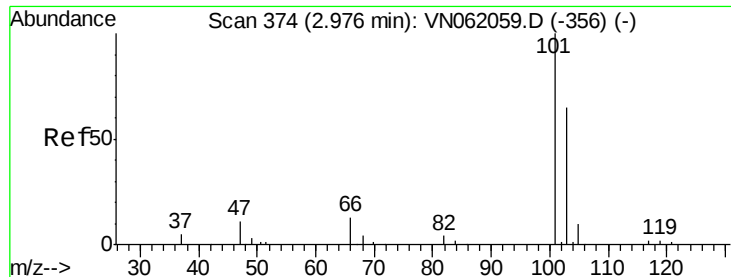
66 32.7 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN062340.D (-184) (-)

Ion 65.90 (65.60 to 66.60): VN062340.D (-184) (-)



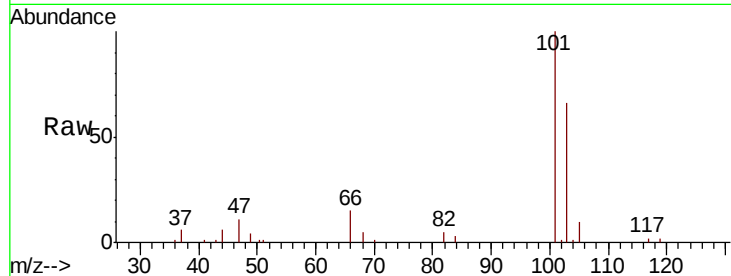


#7

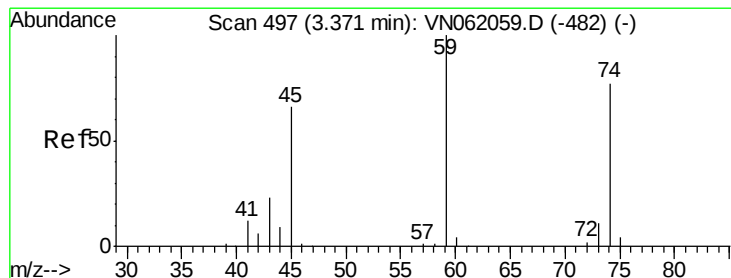
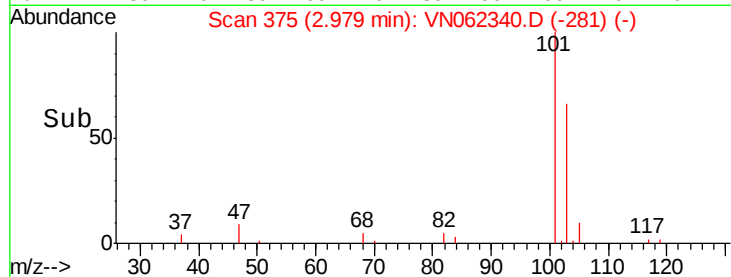
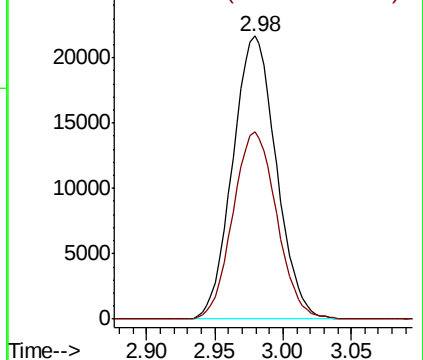
Trichlorofluoromethane
 Concen: 15.886 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:101 Resp: 48060
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.8 77.6



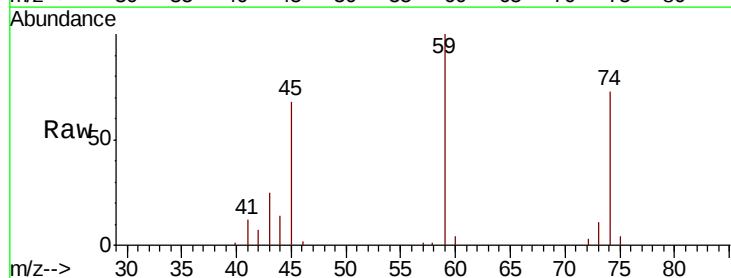
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



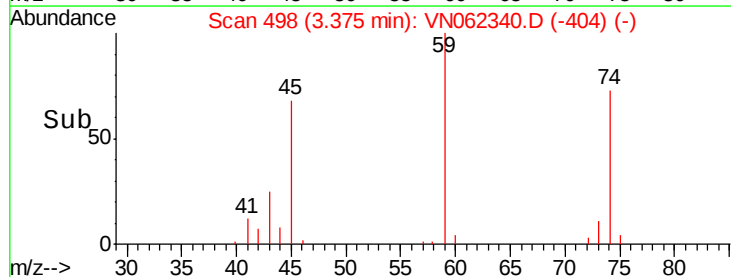
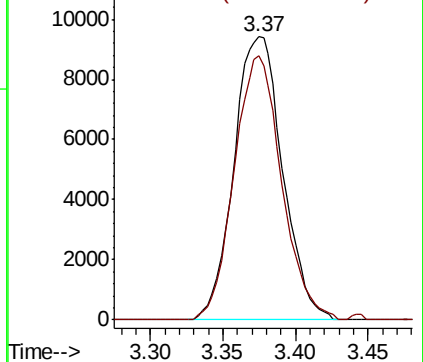
#8

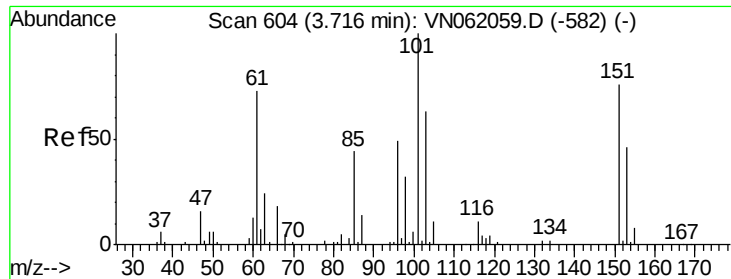
Diethyl Ether
 Concen: 20.790 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Tgt Ion: 74 Resp: 21962
 Ion Ratio Lower Upper
 74 100
 45 90.8 42.5 127.5



Abundance Ion 74.00 (73.70 to 74.70): V
 Ion 45.00 (44.70 to 45.70): V

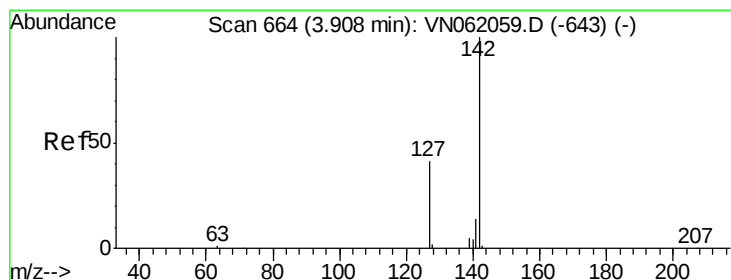
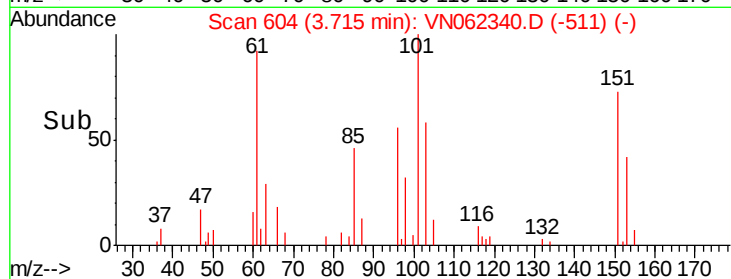
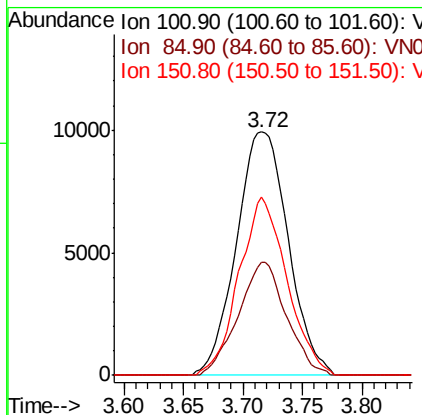
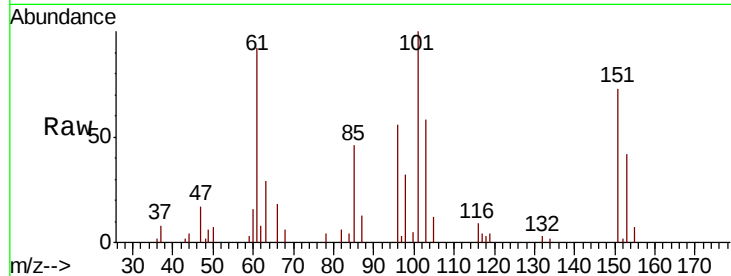




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.915 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

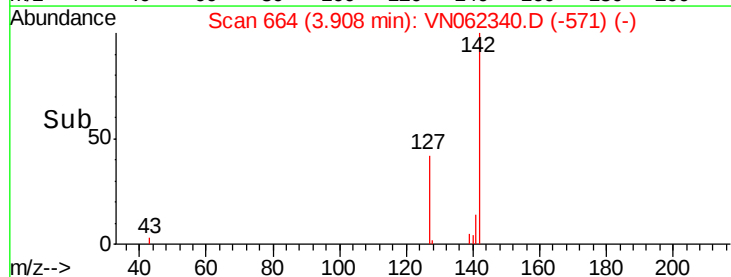
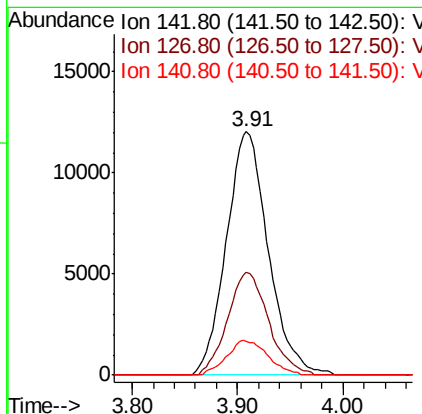
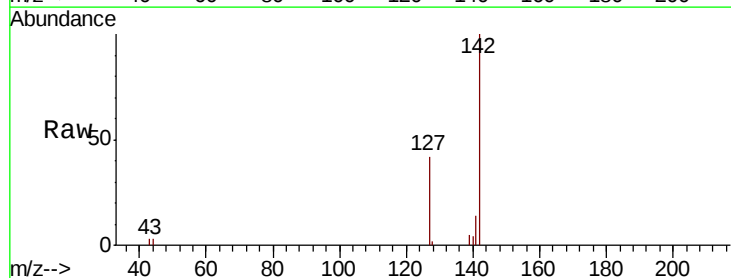
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:101 Resp: 29967
 Ion Ratio Lower Upper
 101 100
 85 43.0 34.5 51.7
 151 67.6 57.8 86.8



#10
 Methyl Iodide
 Concen: 18.618 ug/l
 RT: 3.91 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Tgt Ion:142 Resp: 33219
 Ion Ratio Lower Upper
 142 100
 127 41.3 33.6 50.4
 141 14.0 11.3 16.9



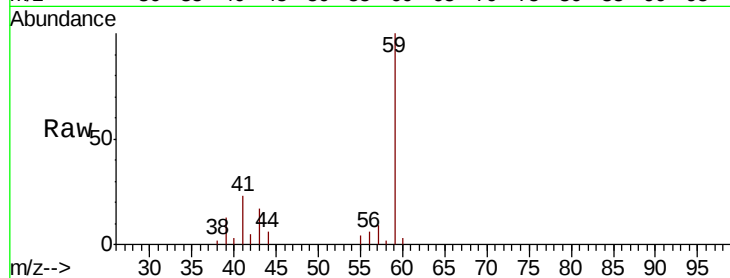


#11

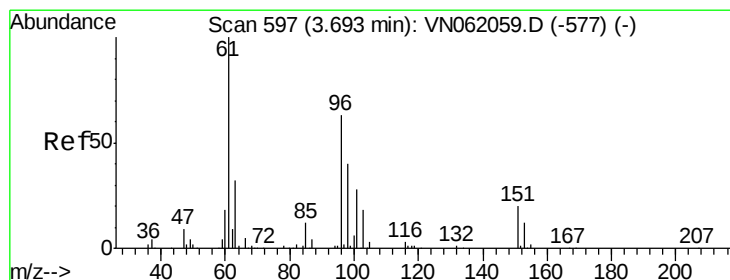
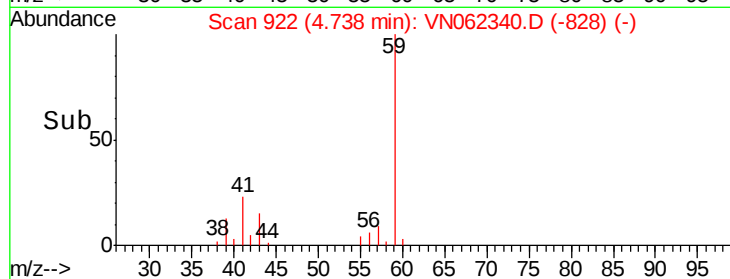
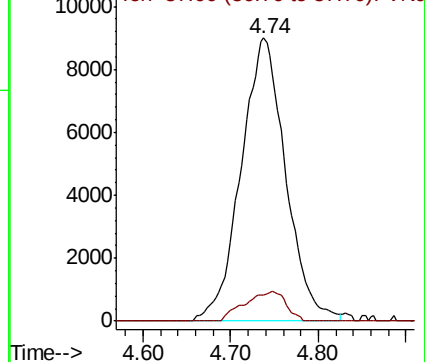
Tert butyl alcohol
 Concen: 114.583 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 59 Resp: 31844
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.3 12.5



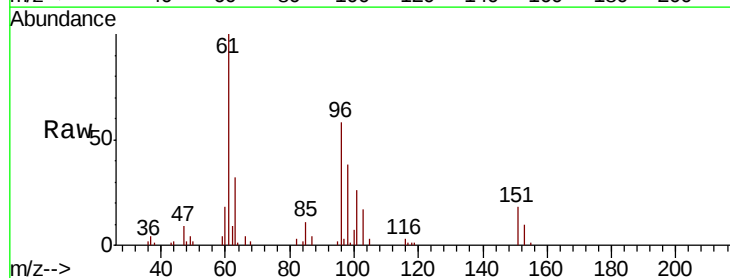
Abundance Ion 59.00 (58.70 to 59.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0



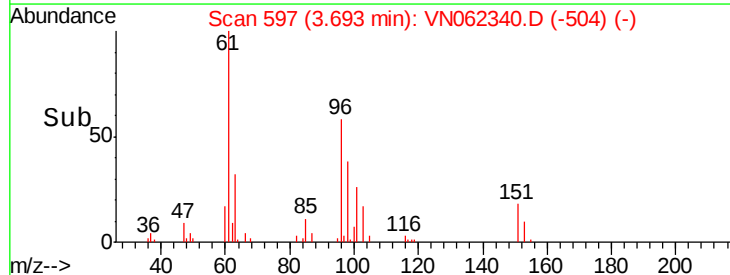
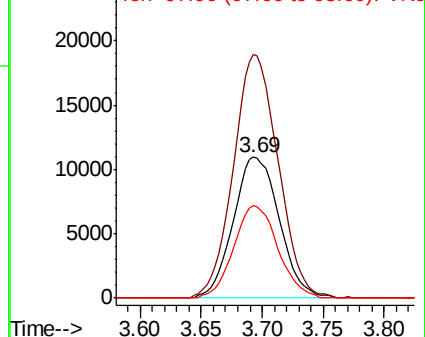
#12

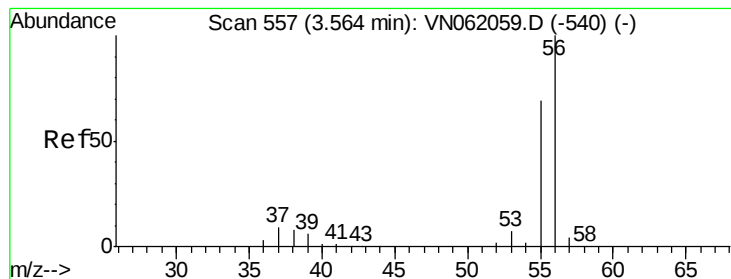
1,1-Dichloroethene
 Concen: 18.121 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Tgt Ion: 96 Resp: 28700
 Ion Ratio Lower Upper
 96 100
 61 172.8 126.7 190.1
 98 65.6 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 78.705 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

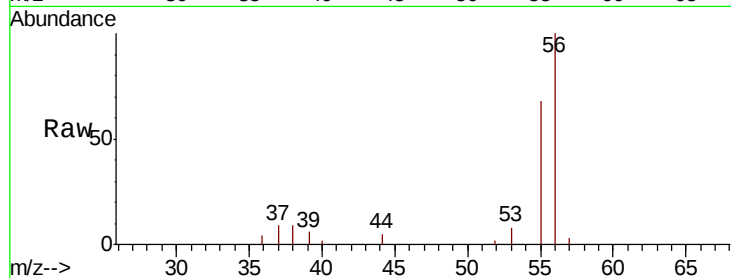
ClientSampleId :

Tot Ion: 56 Resp: 21415

Ion Ratio Lower Upper

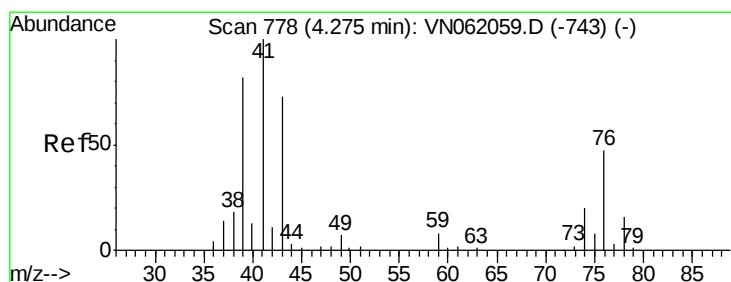
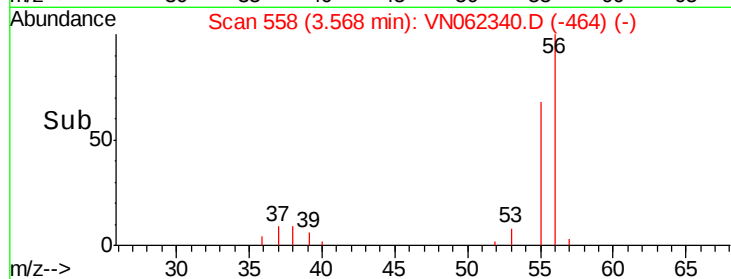
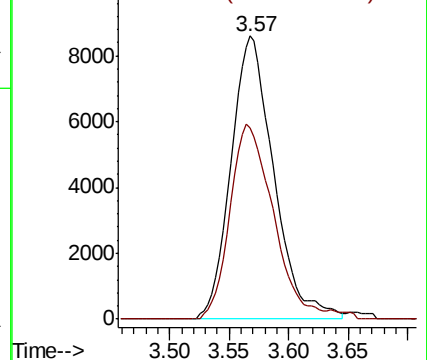
56 100

55 69.3 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VN062340.D (-464) (-)

Ion 55.00 (54.70 to 55.70): VN062340.D (-464) (-)



#14

Allyl chloride

Concen: 21.449 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

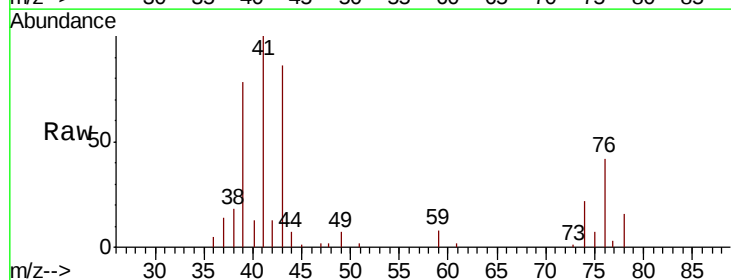
Tgt Ion: 41 Resp: 46250

Ion Ratio Lower Upper

41 100

39 68.7 60.0 90.0

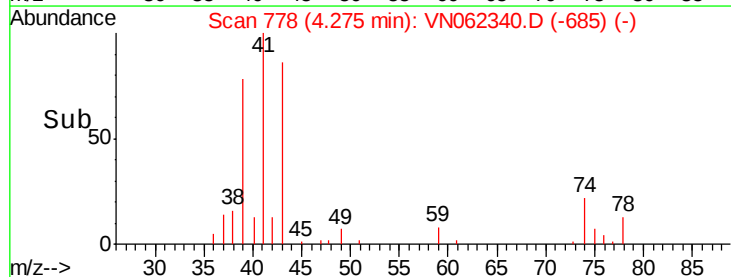
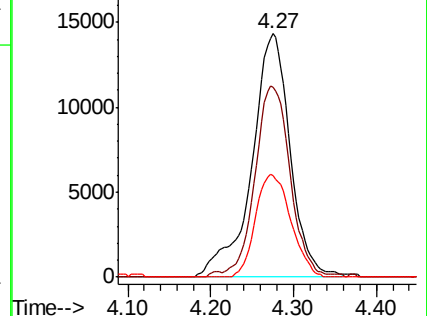
76 38.7 34.1 51.1



Abundance Ion 41.00 (40.70 to 41.70): VN062340.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN062340.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN062340.D (-685) (-)





#15

Acrylonitrile

Concen: 111.406 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.01 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

ClientSampleId :

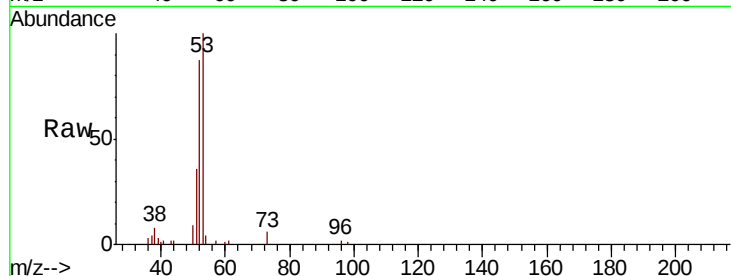
Tot Ion: 53 Resp: 84370

Ion Ratio Lower Upper

53 100

52 84.7 66.2 99.4

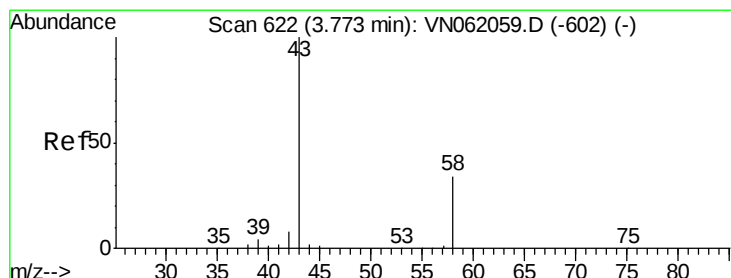
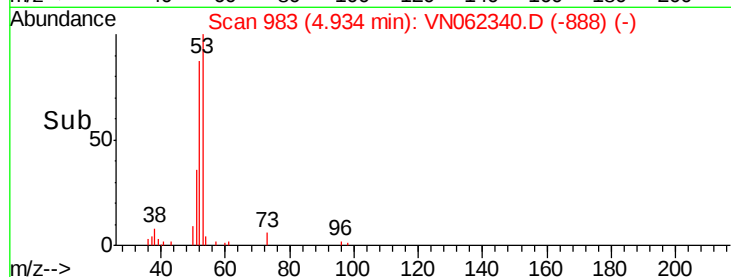
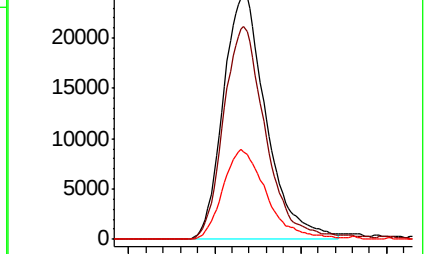
51 37.1 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN062340.D (-959) (-)

Ion 52.00 (51.70 to 52.70): VN062340.D (-959) (-)

Ion 51.00 (50.70 to 51.70): VN062340.D (-959) (-)



#16

Acetone

Concen: 120.210 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062340.D

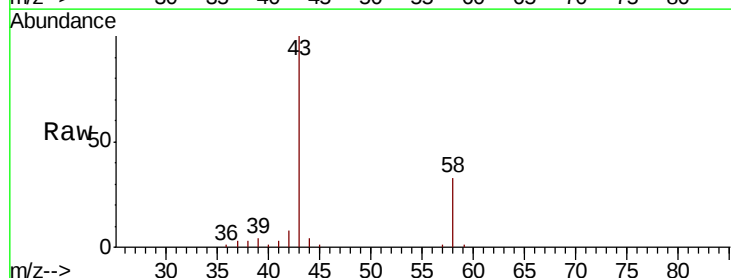
Acq: 2 Jul 2020 18:06

Tgt Ion: 43 Resp: 74313

Ion Ratio Lower Upper

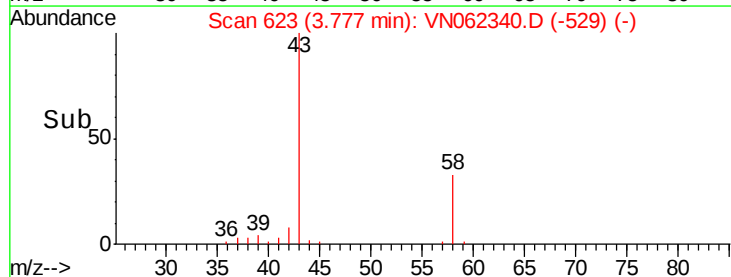
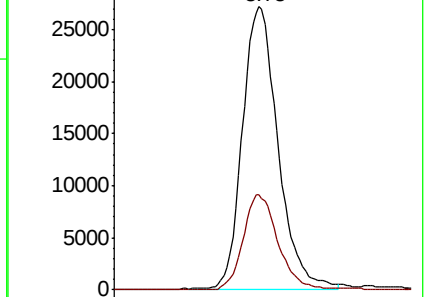
43 100

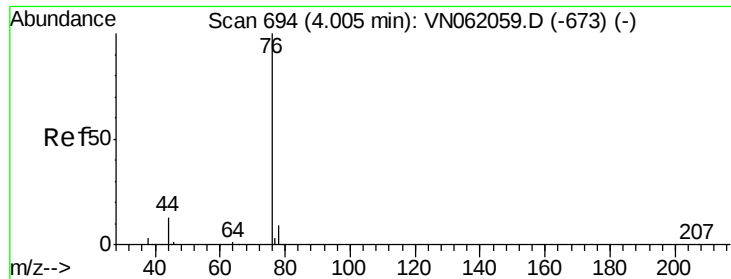
58 33.5 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN062340.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN062340.D (-529) (-)





#17

Carbon Disulfide

Concen: 17.381 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

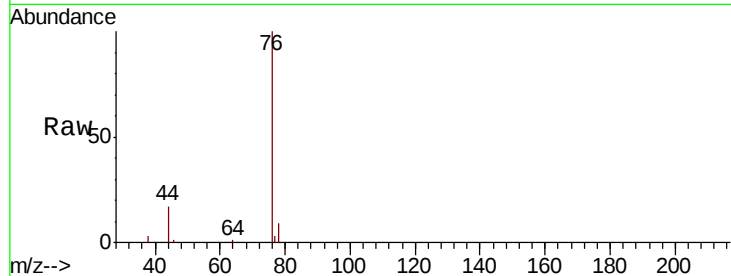
ClientSampleId :

Tot Ion: 76 Resp: 78699

Ion Ratio Lower Upper

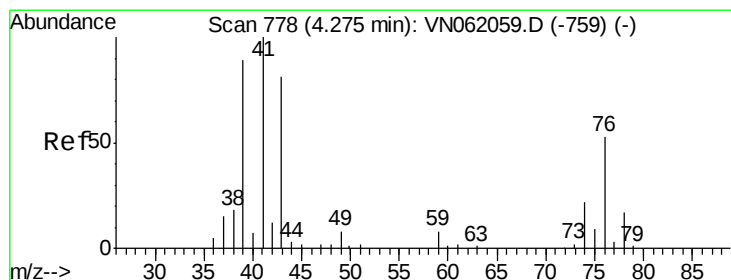
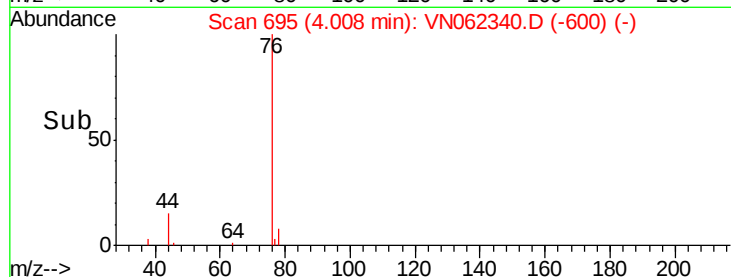
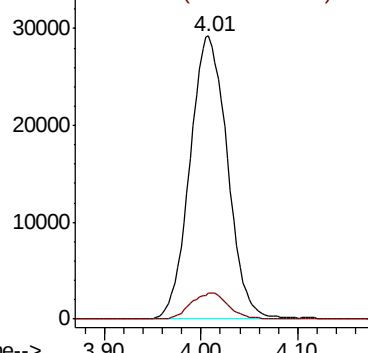
76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 24.451 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062340.D

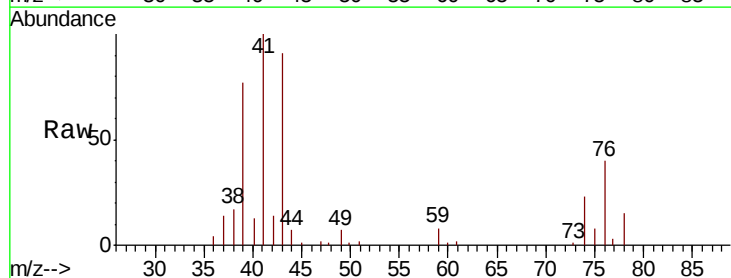
Acq: 2 Jul 2020 18:06

Tgt Ion: 43 Resp: 37622

Ion Ratio Lower Upper

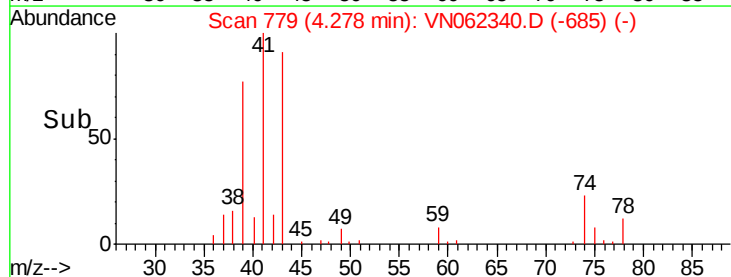
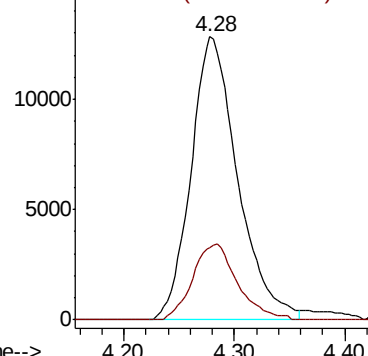
43 100

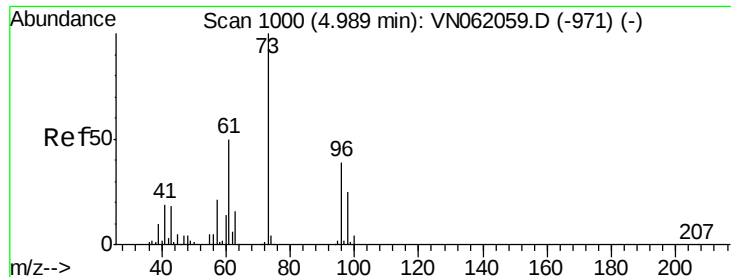
74 25.8 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

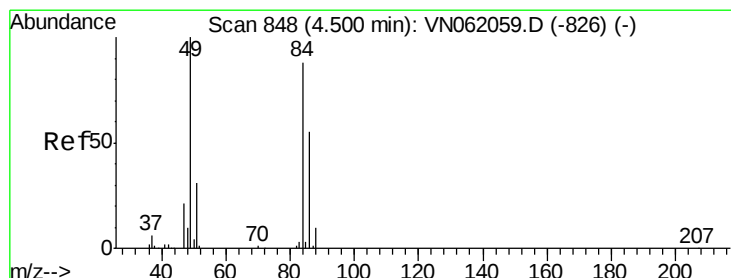
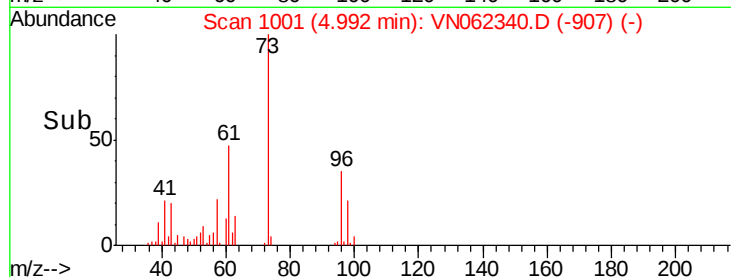
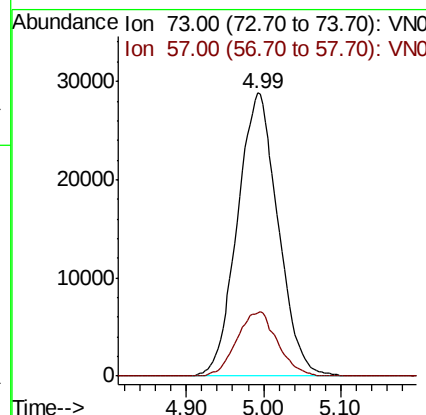
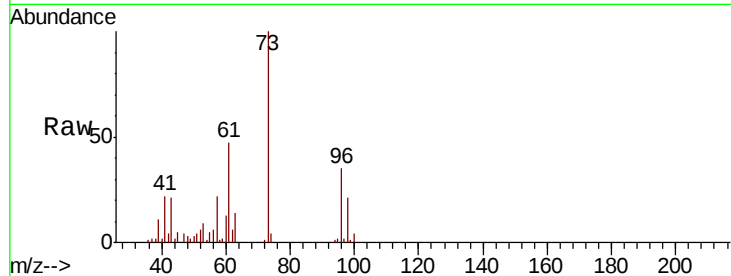




#19
Methvl tert-butvl Ether
Concen: 20.811 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

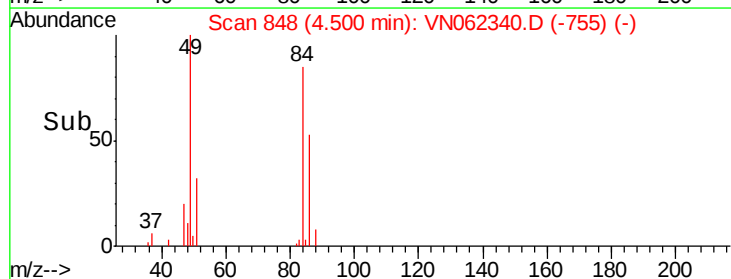
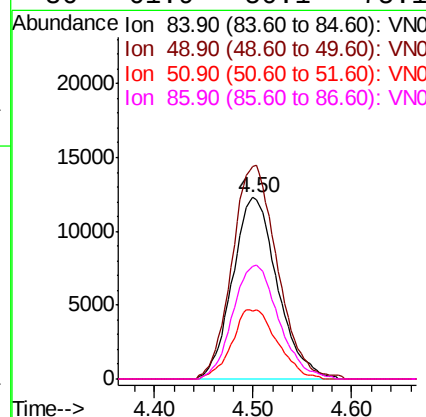
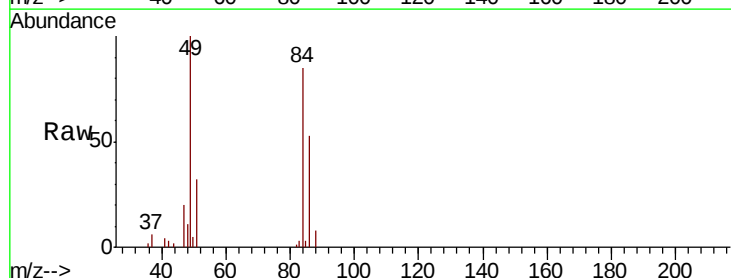
Instrument :
MSVOA_N
ClientSampleId :

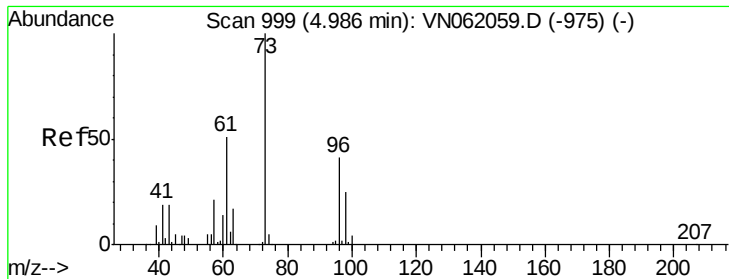
Tot Ion: 73 Resp: 105323
Ion Ratio Lower Upper
73 100
57 22.2 16.6 24.8



#20
Methylene Chloride
Concen: 21.805 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Tgt Ion: 84 Resp: 38962
Ion Ratio Lower Upper
84 100
49 117.0 90.6 136.0
51 37.6 27.8 41.8
86 61.9 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 17.856 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

ClientSampled :

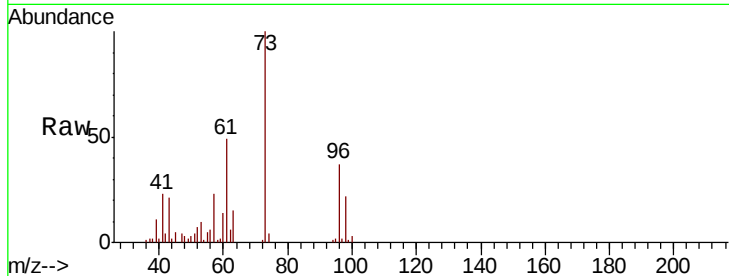
Tot Ion: 96 Resp: 32216

Ion Ratio Lower Upper

96 100

61 132.8 101.4 152.2

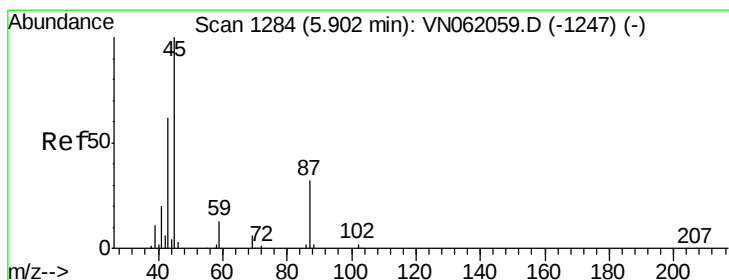
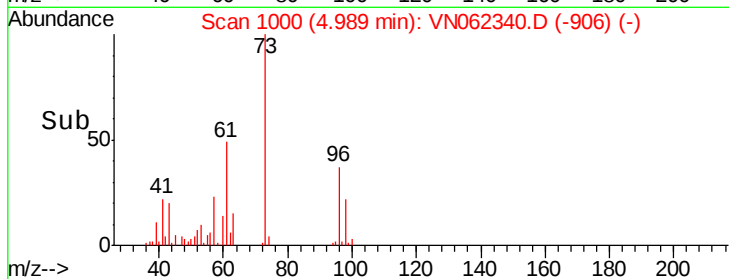
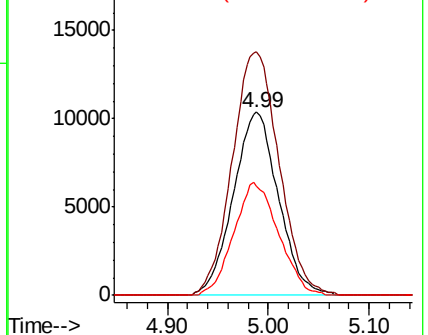
98 59.6 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VN062340.D (-1000) (-)

Ion 60.90 (60.60 to 61.60): VN062340.D (-1000) (-)

Ion 97.90 (97.60 to 98.60): VN062340.D (-1000) (-)



#22

Diisopropyl ether

Concen: 21.572 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Tgt Ion: 45 Resp: 105909

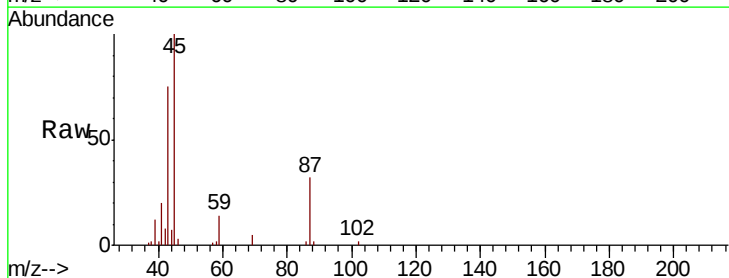
Ion Ratio Lower Upper

45 100

43 72.7 49.7 74.5

87 32.0 25.9 38.9

59 13.7 10.6 16.0

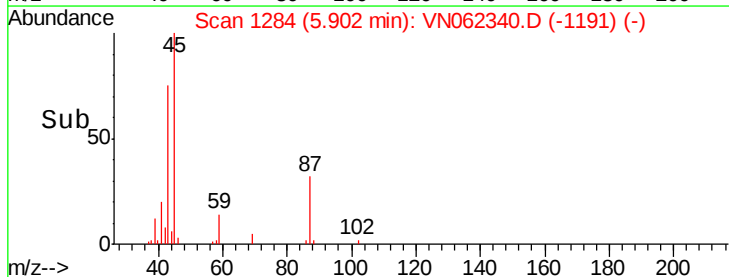
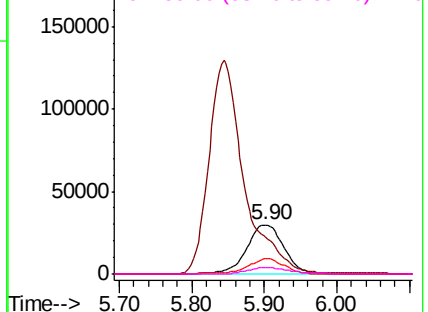


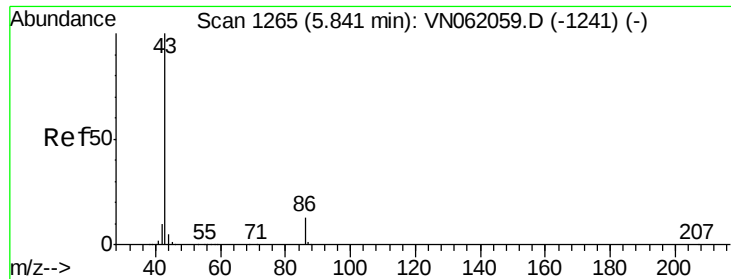
Abundance Ion 45.00 (44.70 to 45.70): VN062340.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN062340.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN062340.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN062340.D (-1191) (-)

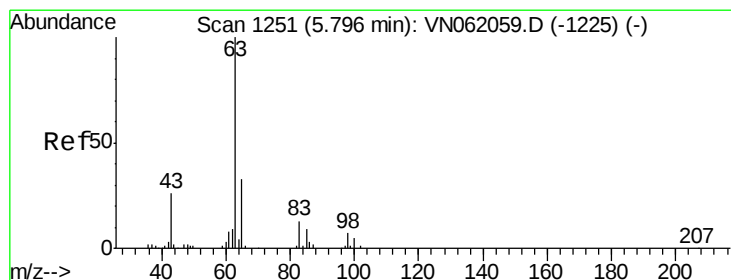
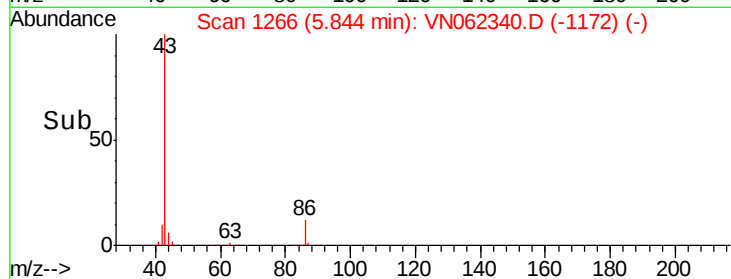
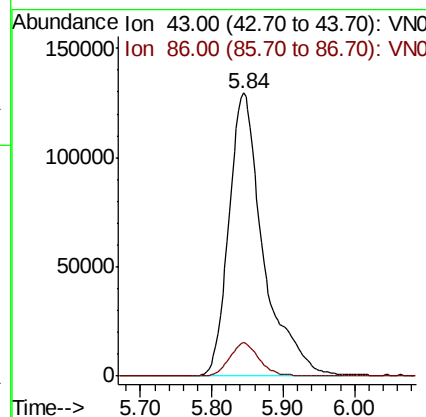
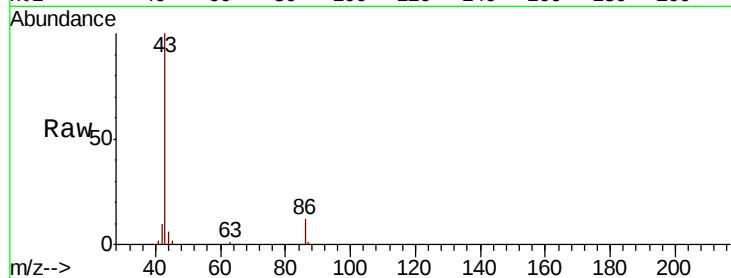




#23
 Vinyl Acetate
 Concen: 108.624 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

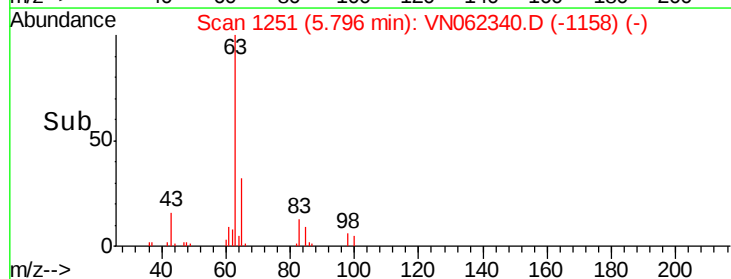
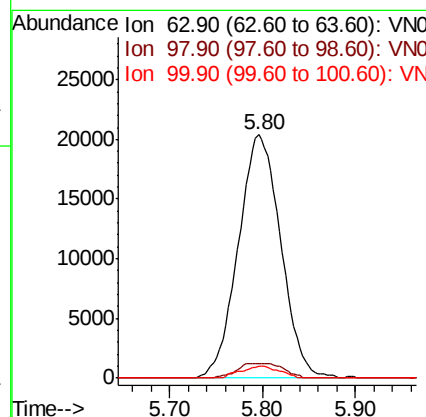
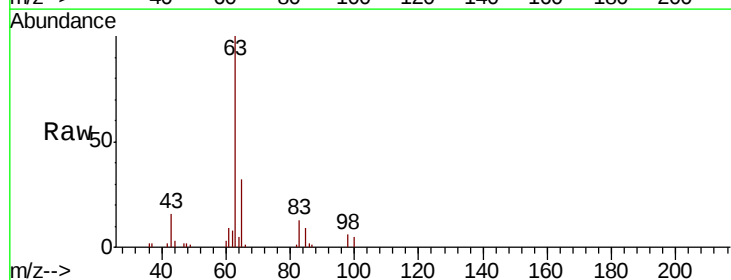
Instrument :
 MSVOA_N
 ClientSampled :

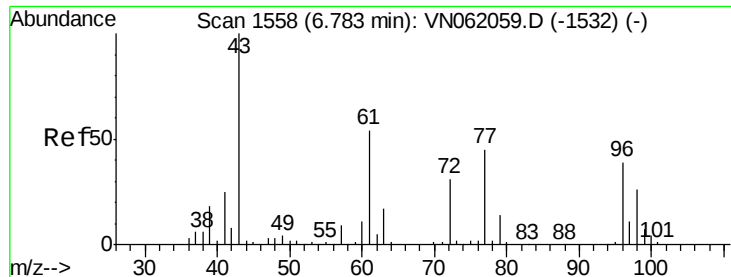
Tot Ion: 43 Resp: 435412
 Ion Ratio Lower Upper
 43 100
 86 12.0 10.1 15.1



#24
 1,1-Dichloroethane
 Concen: 20.498 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Tgt Ion: 63 Resp: 64805
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.6 10.9
 100 4.9 2.4 7.1

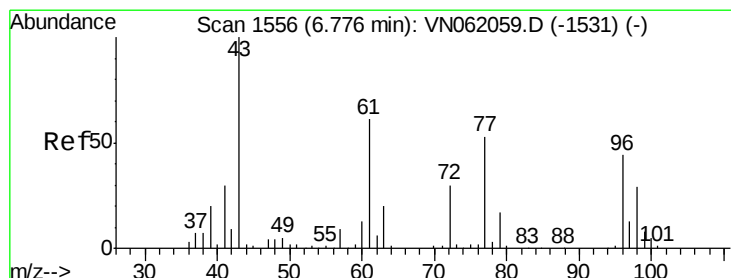
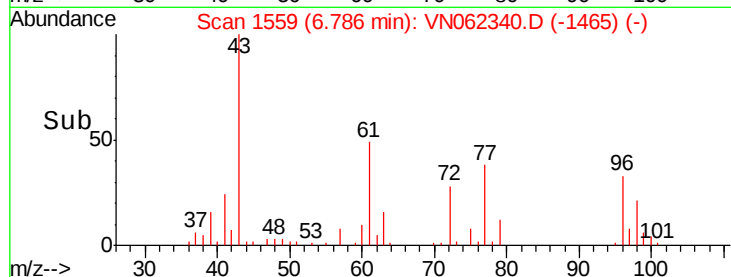
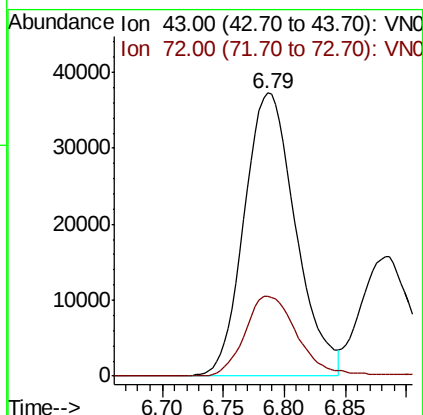
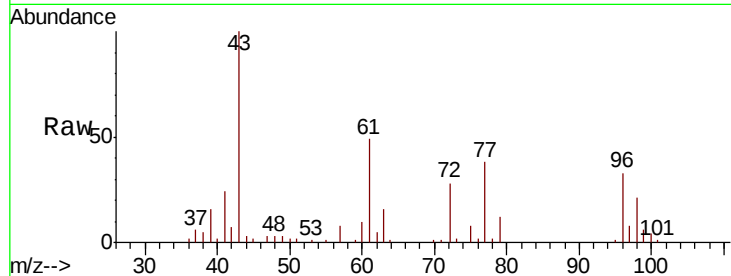




#25
2-Butanone
Concen: 115.376 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

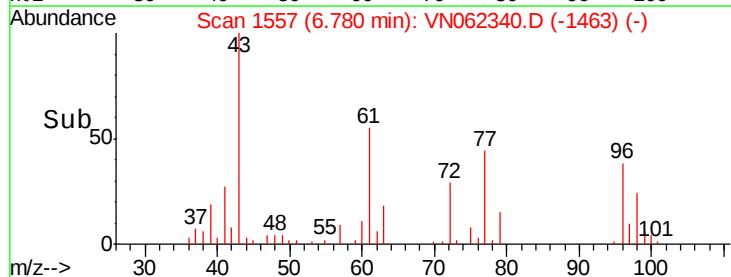
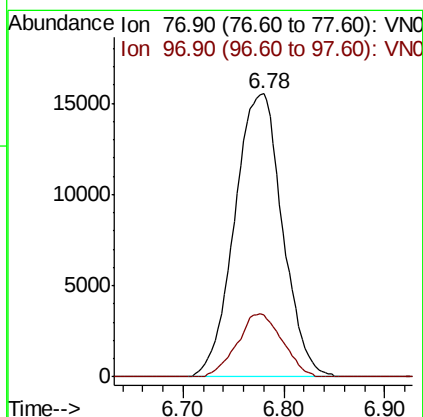
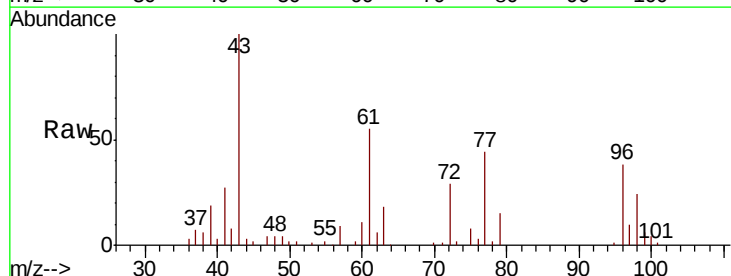
Instrument :
MSVOA_N
ClientSampled :

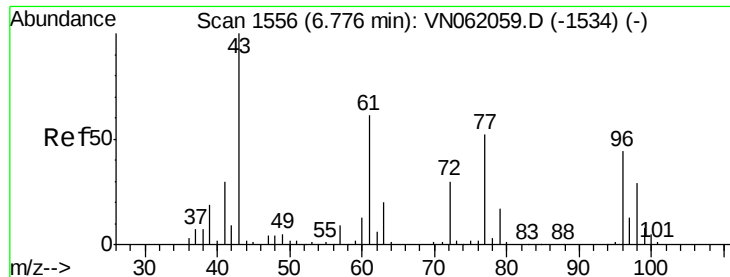
Tot Ion: 43 Resp: 109158
Ion Ratio Lower Upper
43 100
72 28.1 24.8 37.2



#26
2,2-Dichloropropane
Concen: 19.368 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. 0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Tgt Ion: 77 Resp: 51025
Ion Ratio Lower Upper
77 100
97 21.1 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 18.838 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

ClientSampleId :

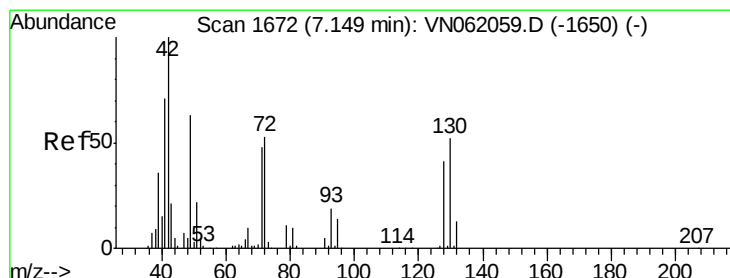
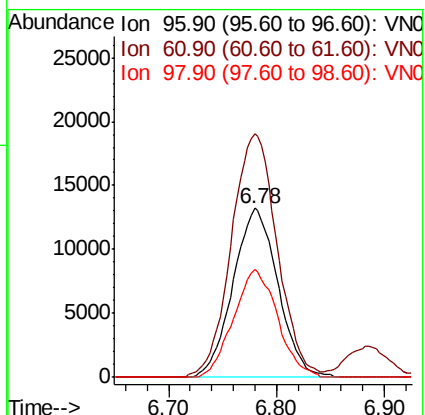
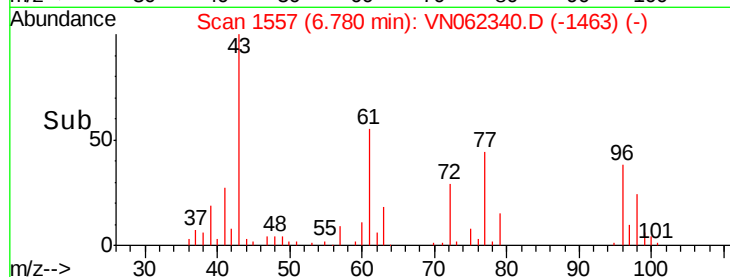
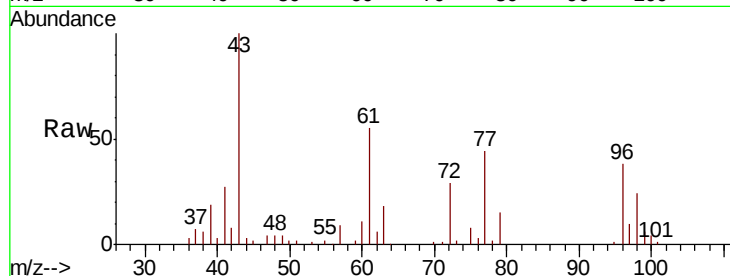
Tot Ion: 96 Resp: 38245

Ion Ratio Lower Upper

96 100

61 146.6 0.0 280.4

98 62.5 0.0 129.4



#28

Bromochloromethane

Concen: 20.866 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

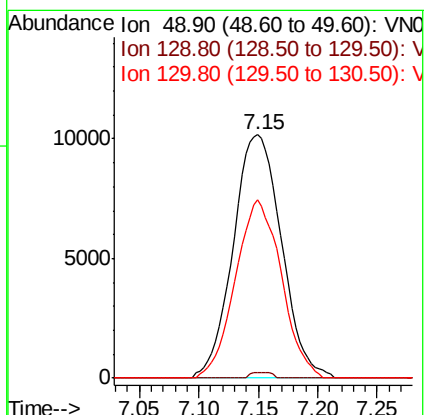
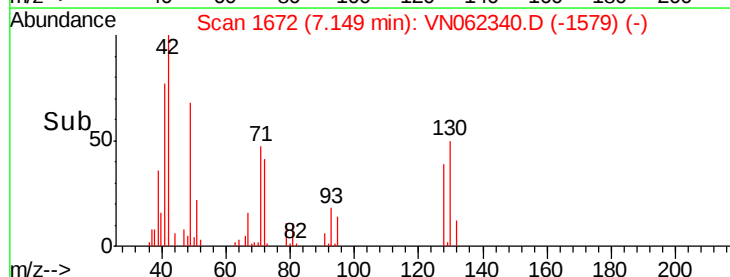
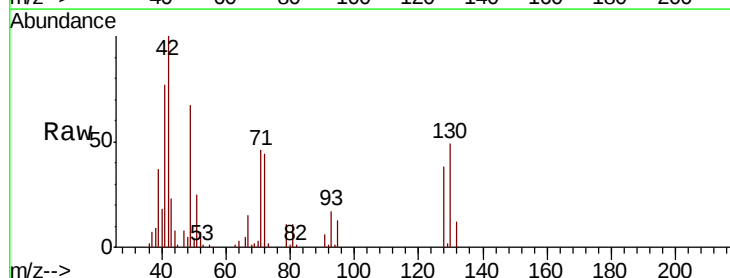
Tgt Ion: 49 Resp: 28622

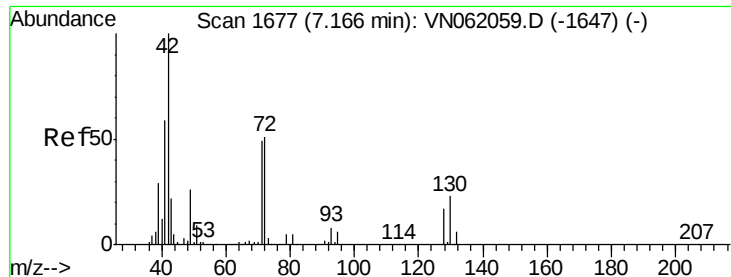
Ion Ratio Lower Upper

49 100

129 1.0 0.0 4.4

130 69.7 65.5 98.3

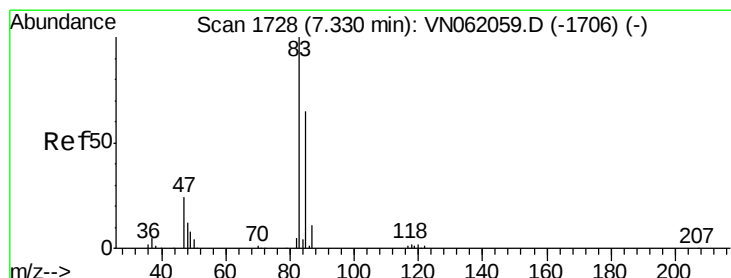
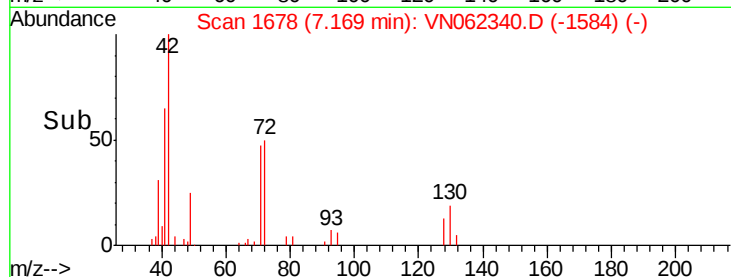
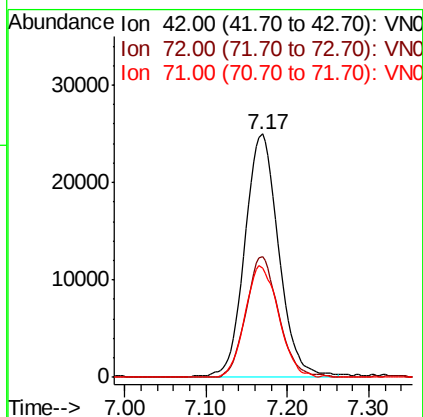
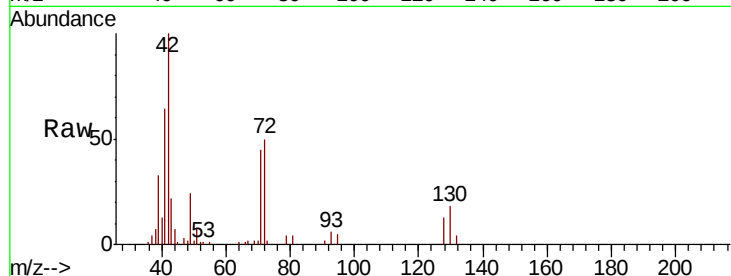




#29
Tetrahydrofuran
Concen: 115.707 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

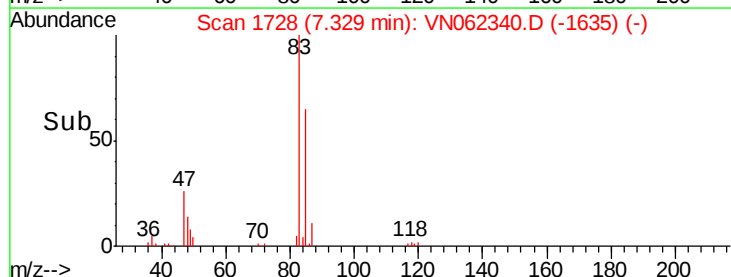
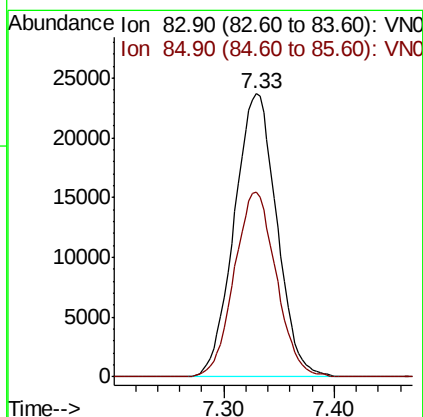
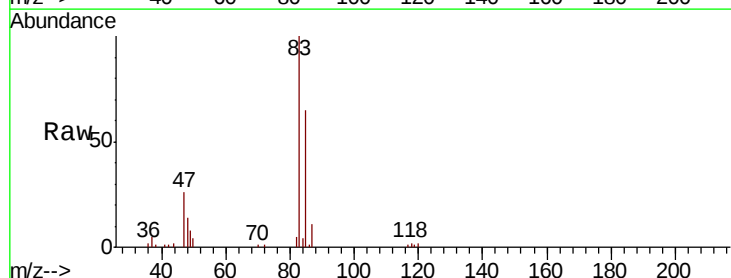
Instrument :
MSVOA_N
ClientSampled :

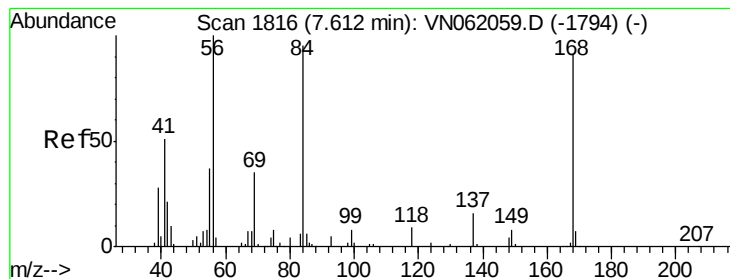
Tot Ion: 42 Resp: 71709
Ion Ratio Lower Upper
42 100
72 47.7 41.1 61.7
71 45.2 38.2 57.4



#30
Chloroform
Concen: 19.671 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Tgt Ion: 83 Resp: 63273
Ion Ratio Lower Upper
83 100
85 65.3 52.3 78.5





#31

Cyclohexane

Concen: 18.619 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :
MSVOA_N
ClientSampled :

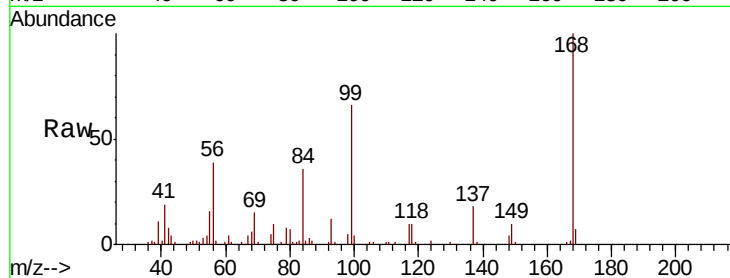
Tot Ion: 56 Resp: 49791

Ion Ratio Lower Upper

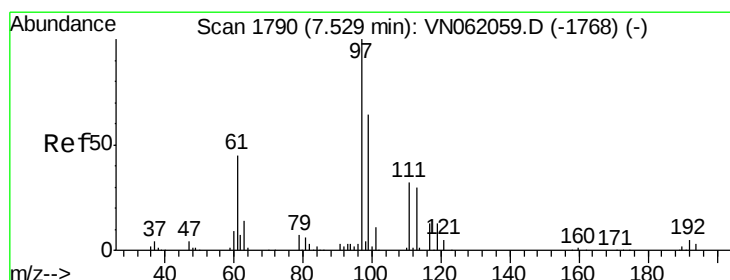
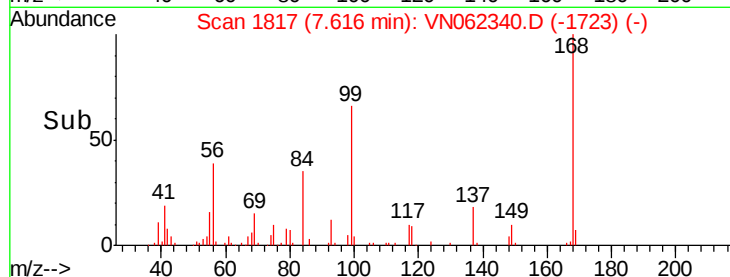
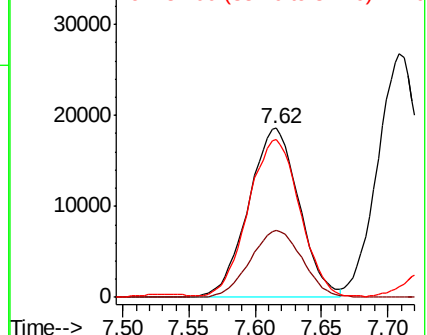
56 100

69 39.7 28.0 42.0

84 92.0 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 18.884 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

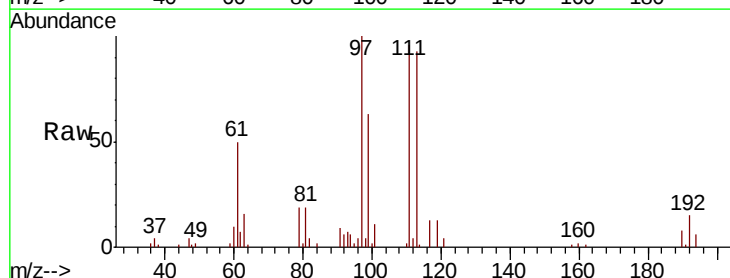
Tgt Ion: 97 Resp: 51226

Ion Ratio Lower Upper

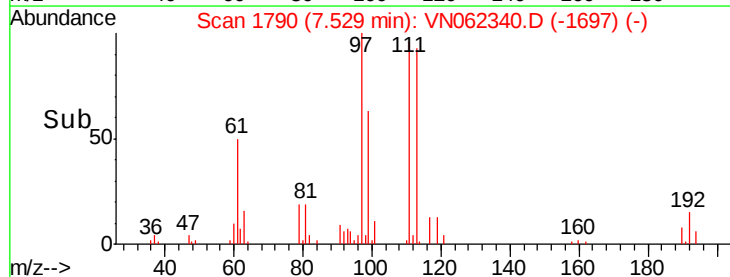
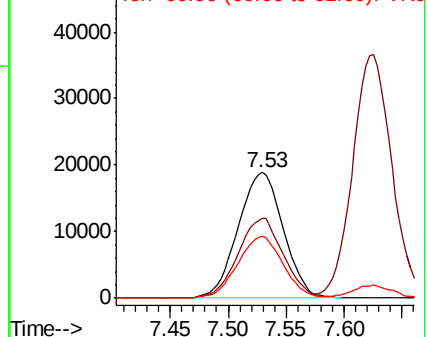
97 100

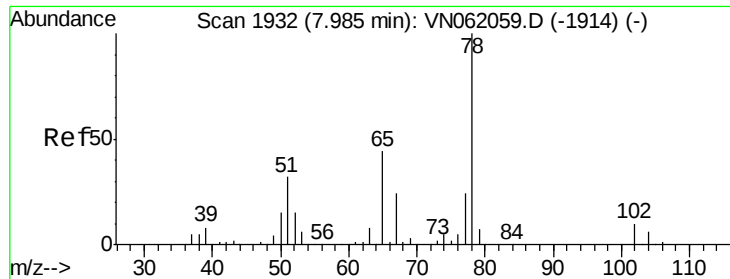
99 63.4 51.0 76.4

61 49.0 36.2 54.2



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

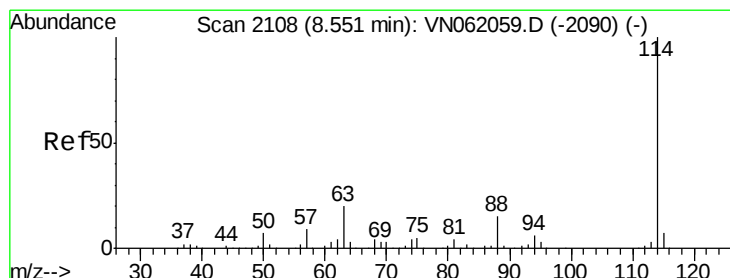
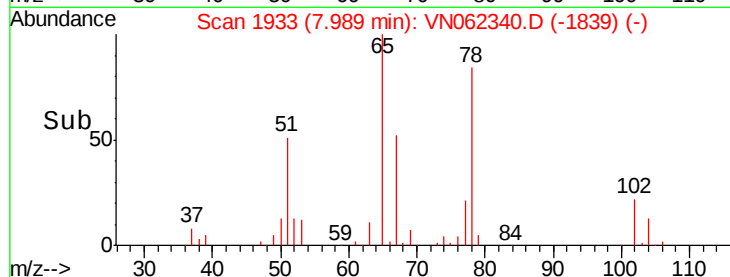
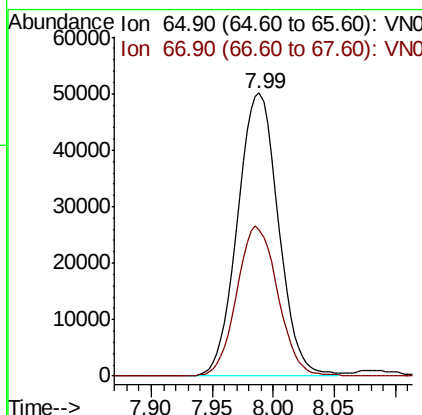
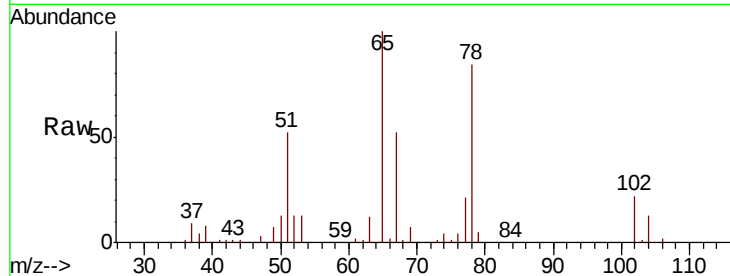




#33
 1,2-Dichloroethane-d4
 Concen: 60.127 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

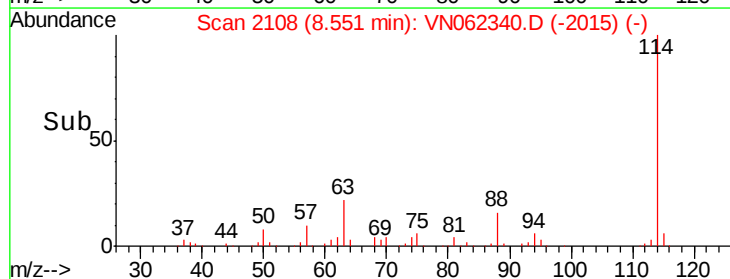
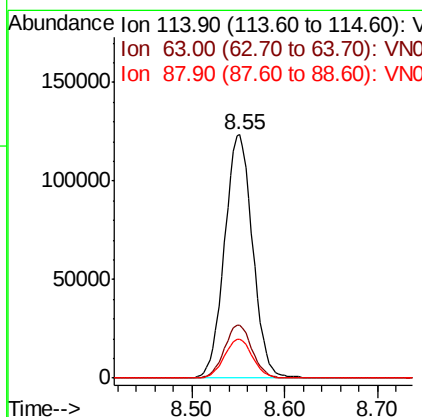
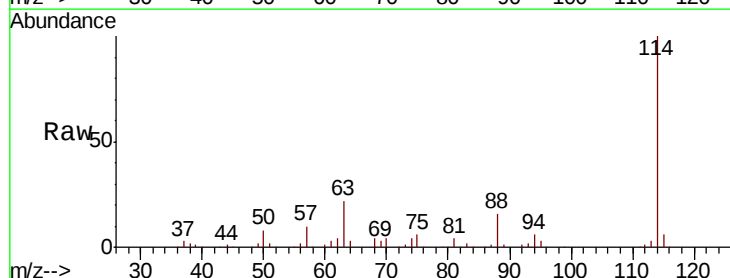
Instrument :
 MSVOA_N
 ClientSampled :

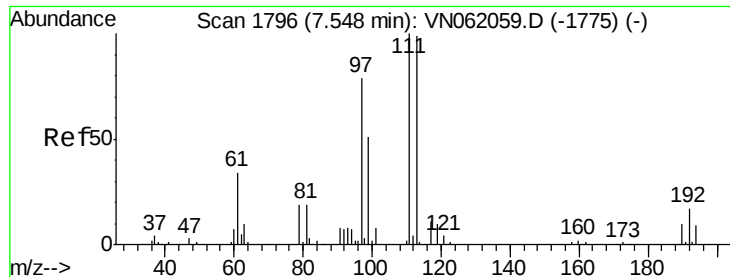
Tot Ion: 65 Resp: 116384
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Tgt Ion: 114 Resp: 258550
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 39.2
 88 15.8 0.0 30.8

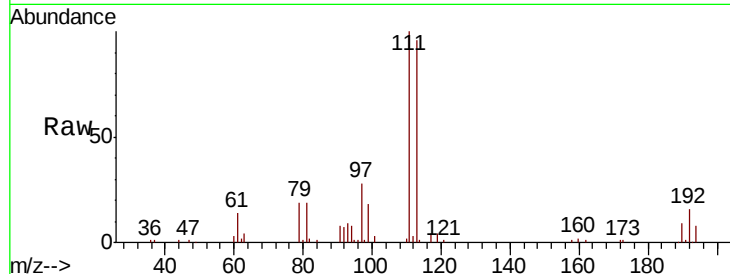




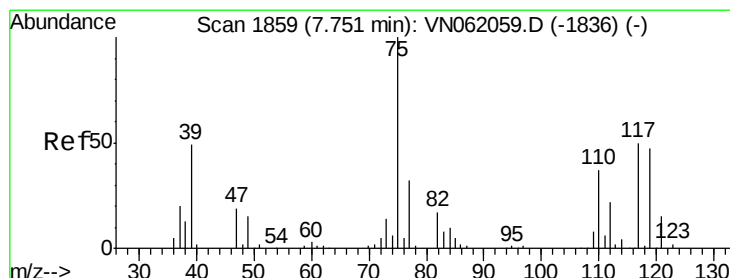
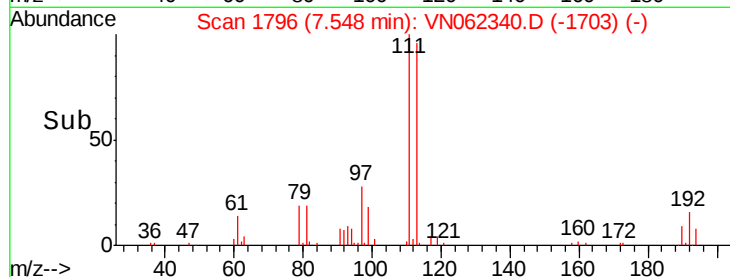
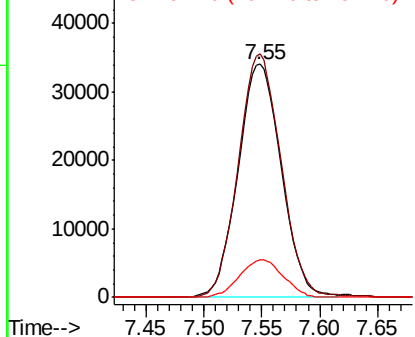
#35
 Dibromofluoromethane
 Concen: 53.257 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.4
192	16.2	14.0	21.0

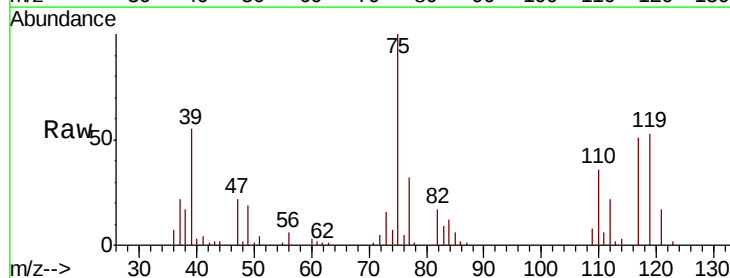


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

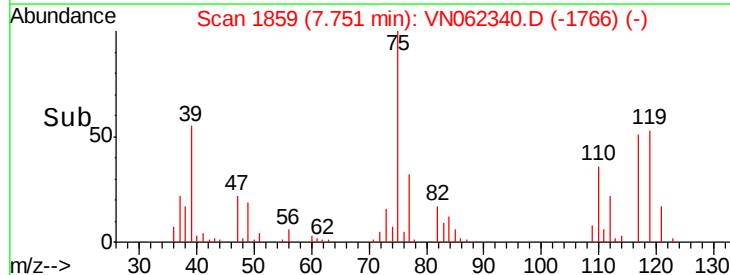
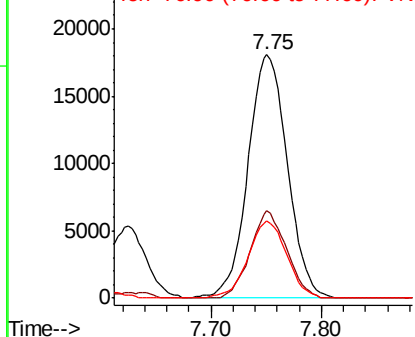


#36
 1,1-Dichloropropene
 Concen: 17.191 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.0	17.9	53.8
77	31.2	24.9	37.3



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

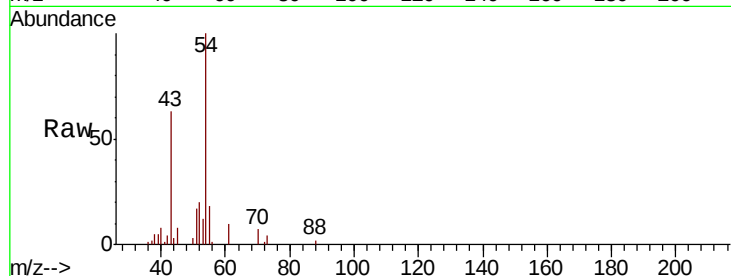




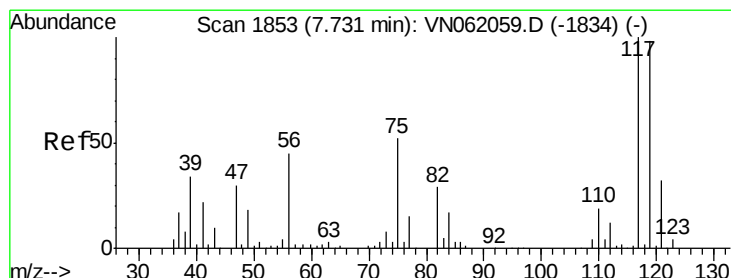
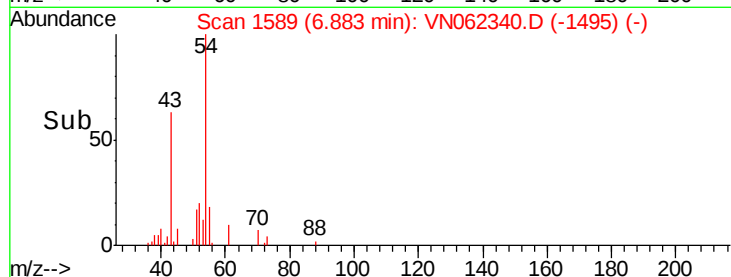
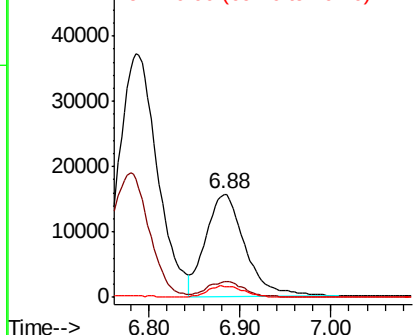
#37
Ethyl Acetate
Concen: 21.915 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 47160
Ion Ratio Lower Upper
43 100
61 14.9 12.0 18.0
70 10.2 9.6 14.4

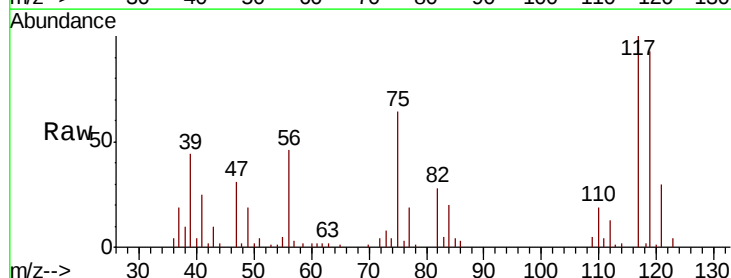


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

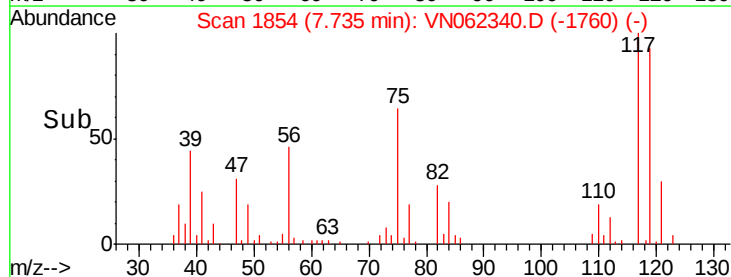
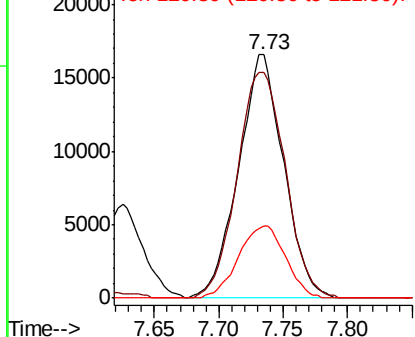


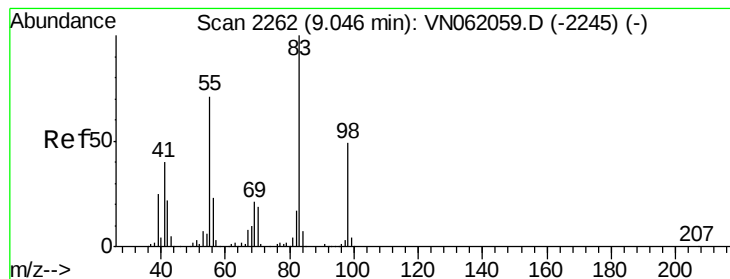
#38
Carbon Tetrachloride
Concen: 16.511 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Tgt Ion: 117 Resp: 40455
Ion Ratio Lower Upper
117 100
119 92.8 78.2 117.2
121 29.8 25.8 38.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

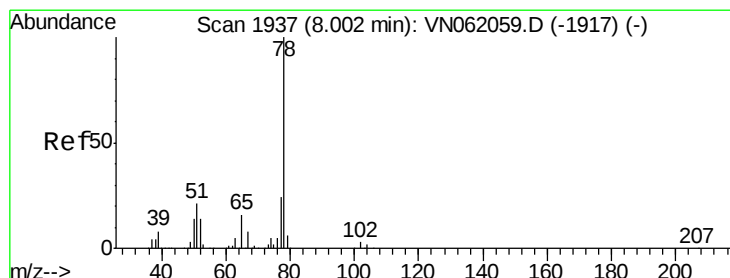
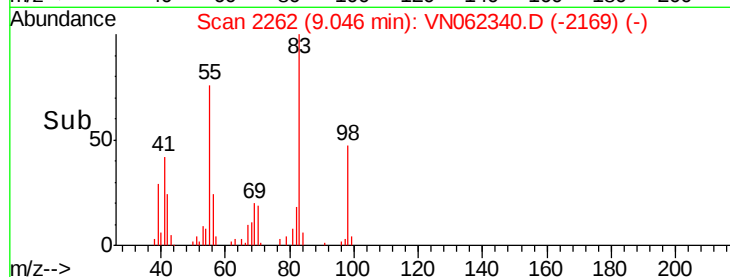
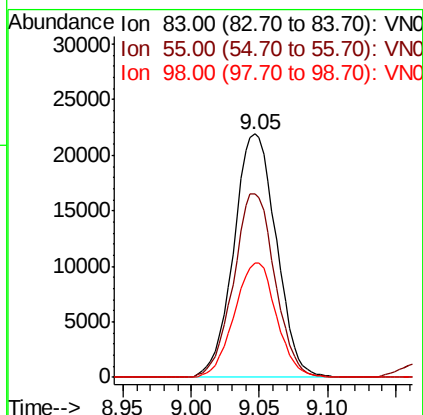
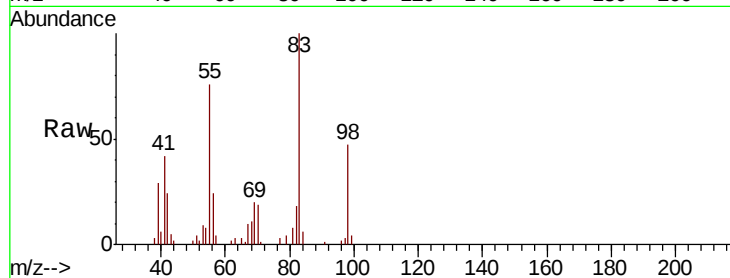




#39
Methvlcvclohexane
Concen: 16.616 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

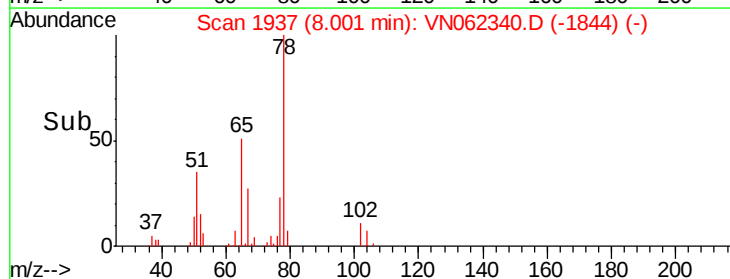
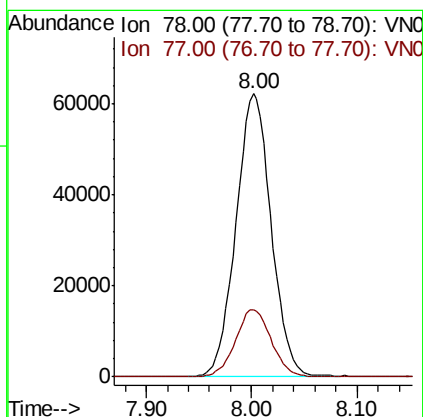
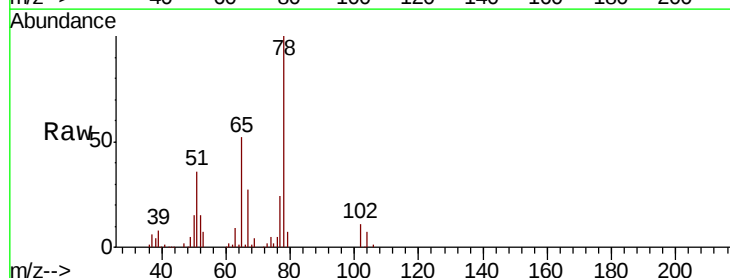
Instrument :
MSVOA_N
ClientSampled :

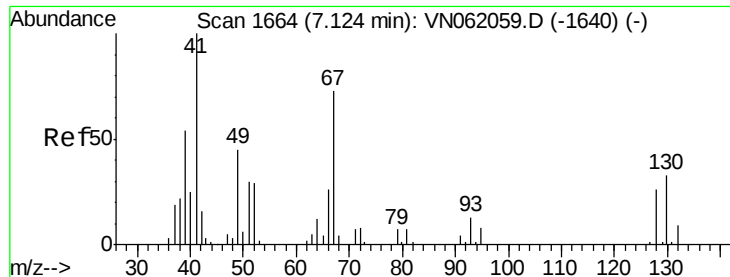
Tot Ion: 83 Resp: 47314
Ion Ratio Lower Upper
83 100
55 75.6 57.0 85.6
98 46.8 39.0 58.6



#40
Benzene
Concen: 18.200 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Tgt Ion: 78 Resp: 144166
Ion Ratio Lower Upper
78 100
77 23.7 19.5 29.3

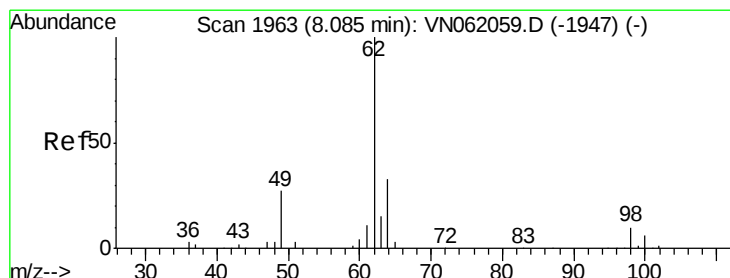
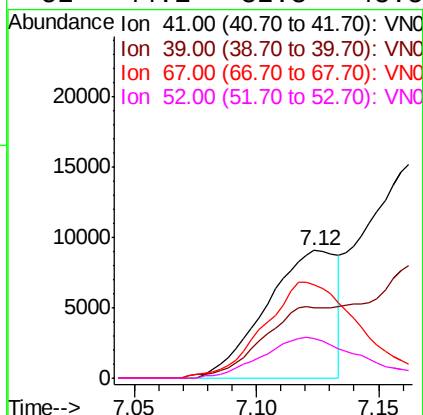
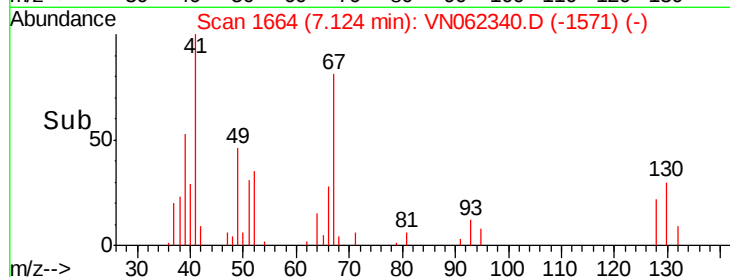
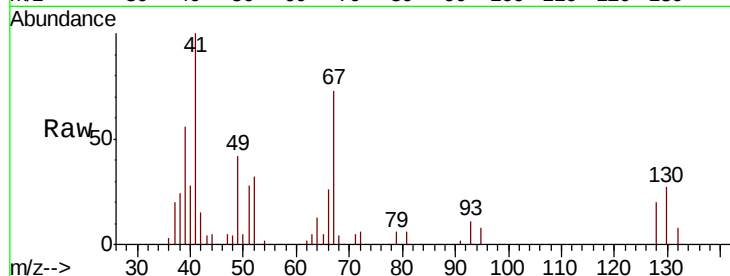




#41
Methacrylonitrile
Concen: 18.396 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

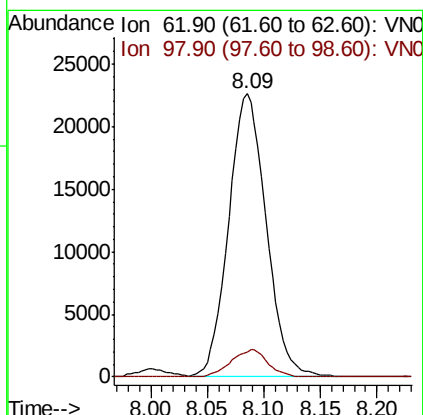
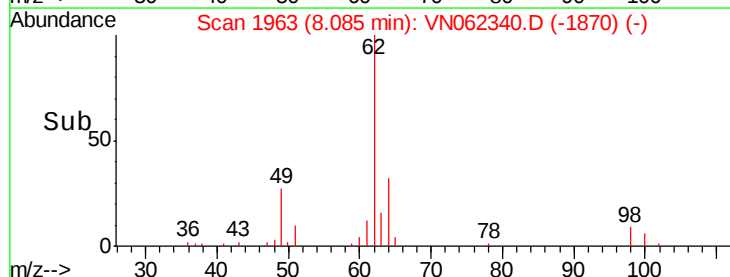
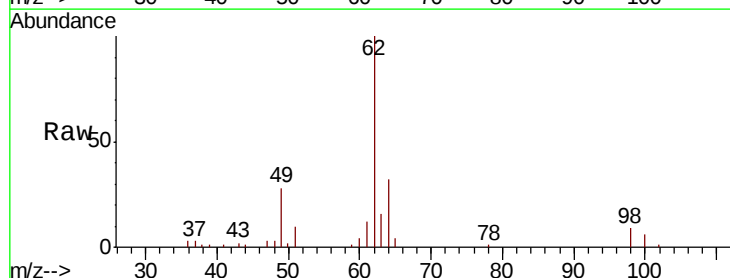
Instrument :
MSVOA_N
ClientSampled :

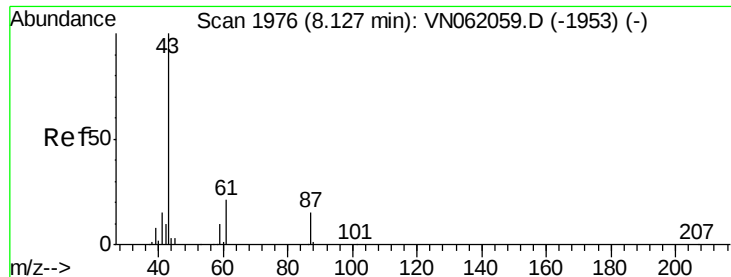
Tot Ion: 41 Resp: 18353
Ion Ratio Lower Upper
41 100
39 47.3 44.2 66.2
67 102.7 79.5 119.3
52 44.1 32.3 48.5



#42
1,2-Dichloroethane
Concen: 19.614 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Tgt Ion: 62 Resp: 52492
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.8

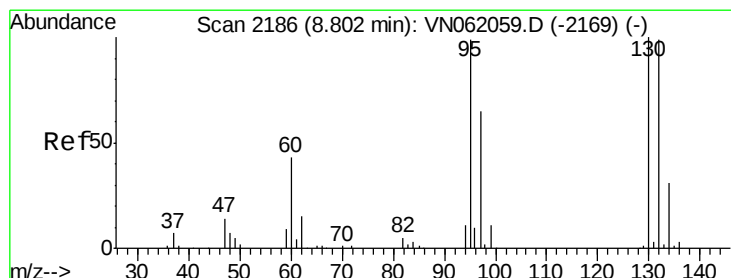
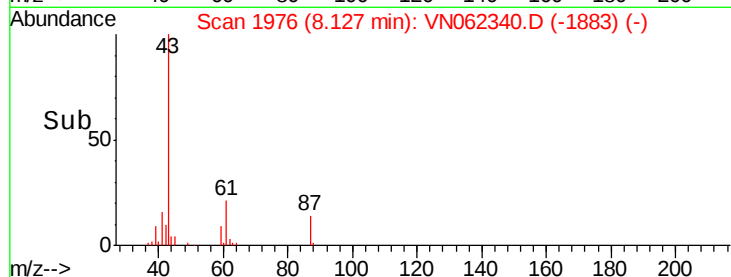
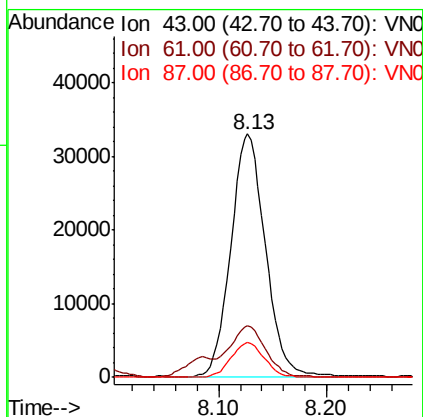
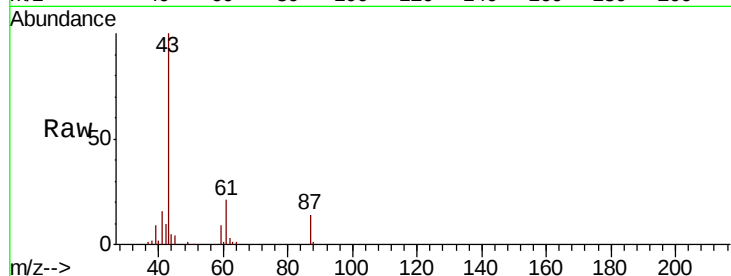




#43
Isopropyl Acetate
Concen: 21.139 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

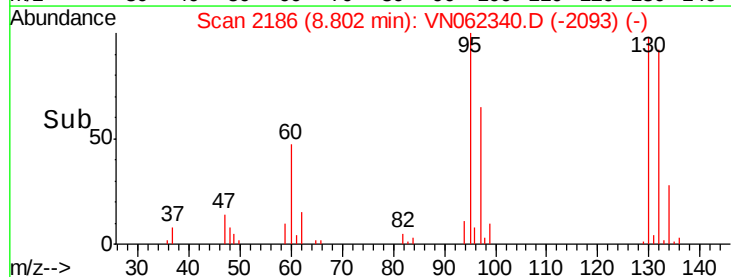
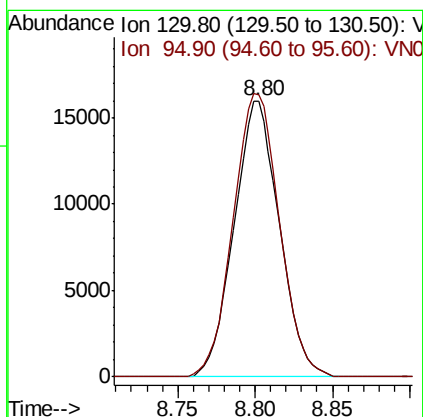
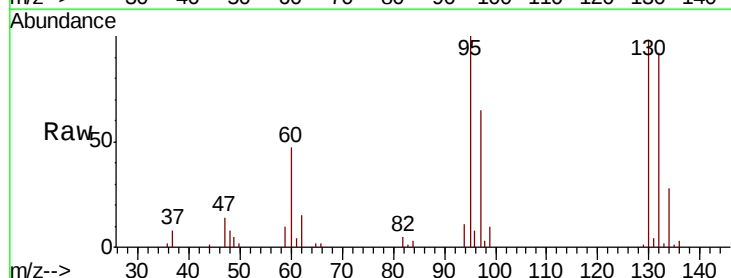
Instrument :
MSVOA_N
ClientSampleId :

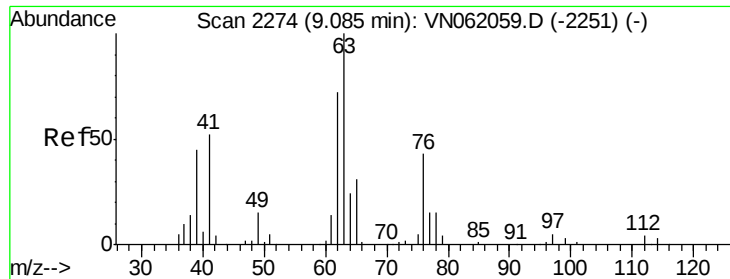
Tot Ion: 43 Resp: 74156
Ion Ratio Lower Upper
43 100
61 21.9 17.2 25.8
87 13.6 12.1 18.1



#44
Trichloroethene
Concen: 16.241 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Tgt Ion:130 Resp: 32451
Ion Ratio Lower Upper
130 100
95 102.3 0.0 197.8

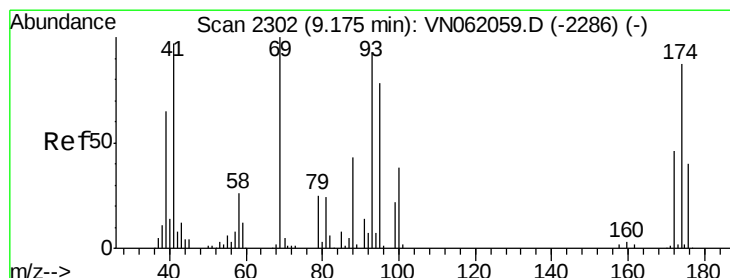
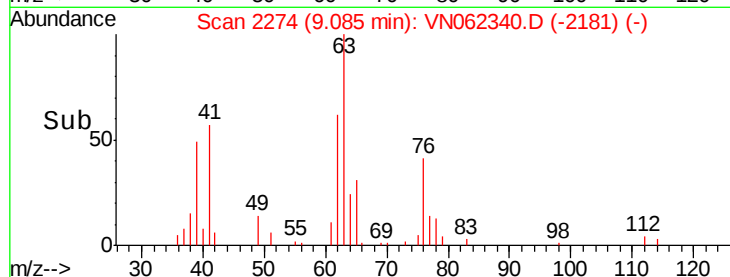
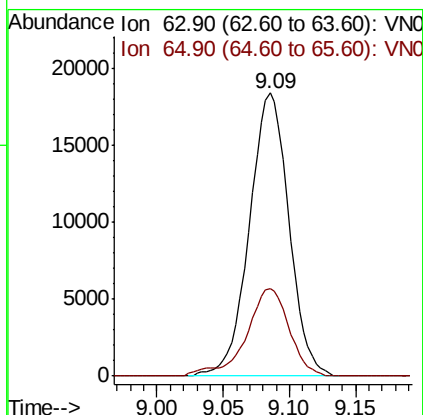
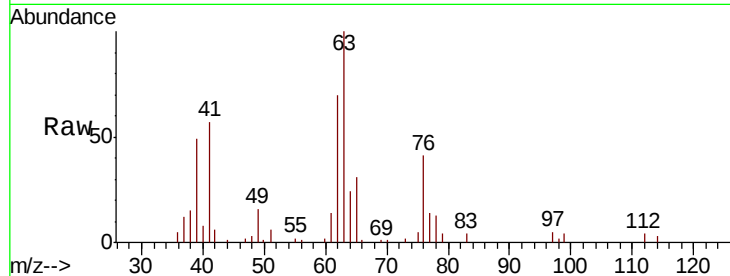




#45
 1,2-Dichloropropane
 Concen: 19.508 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

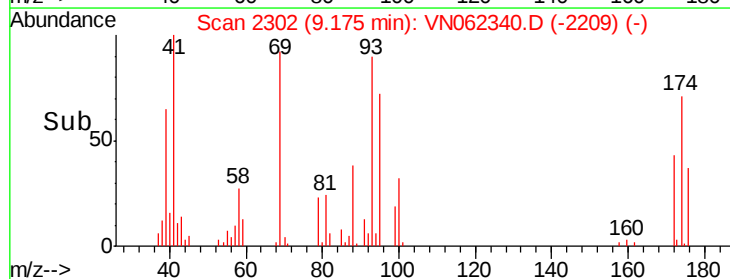
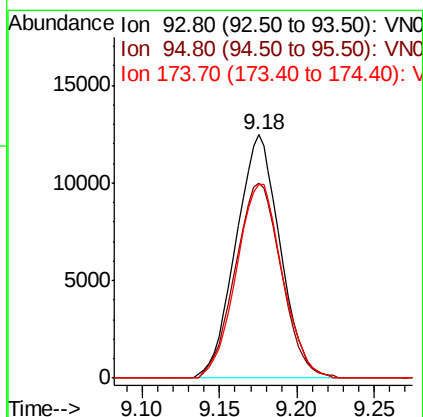
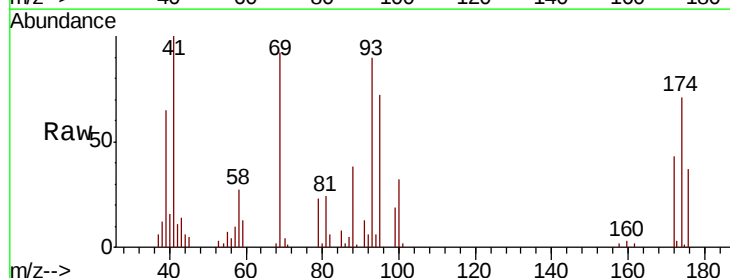
Instrument :
 MSVOA_N
 ClientSampleId :

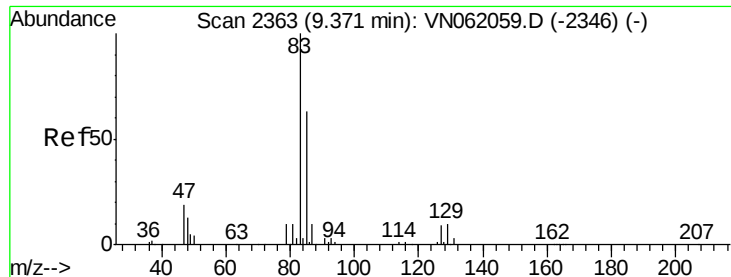
Tot Ion: 63 Resp: 38121
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.0 37.4



#46
 Dibromomethane
 Concen: 18.700 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Tgt Ion: 93 Resp: 24776
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.0 100.6
 174 82.8 74.4 111.6





#47

Bromodichloromethane

Concen: 18.847 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

ClientSampleId :

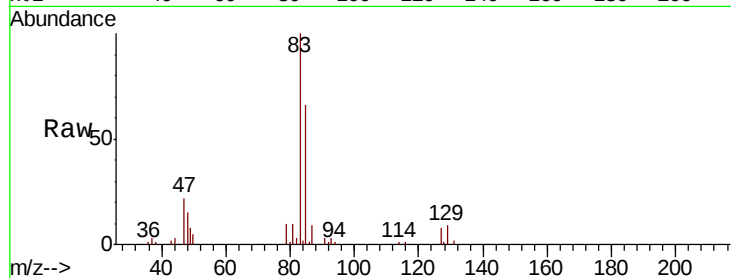
Tot Ion: 83 Resp: 50419

Ion Ratio Lower Upper

83 100

85 65.9 50.3 75.5

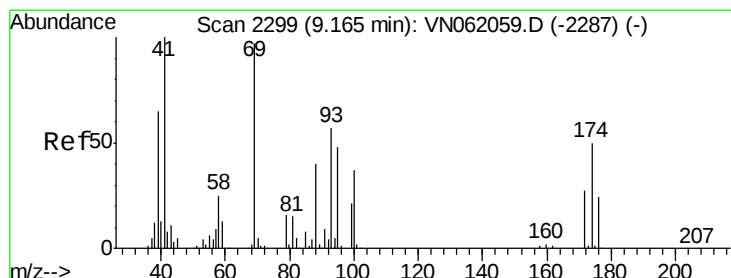
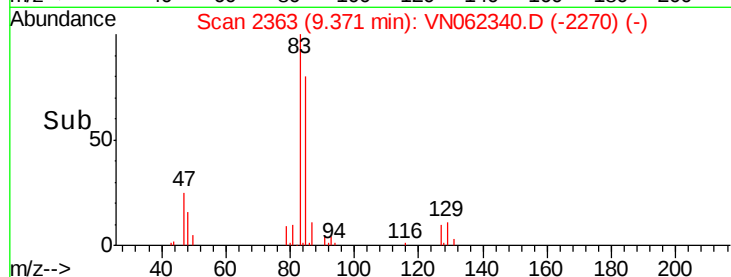
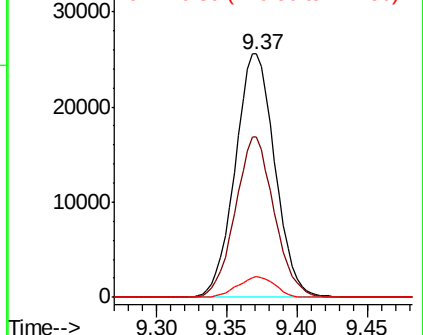
127 8.4 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062340.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062340.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062340.D (-2270) (-)



#48

Methyl methacrylate

Concen: 20.090 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

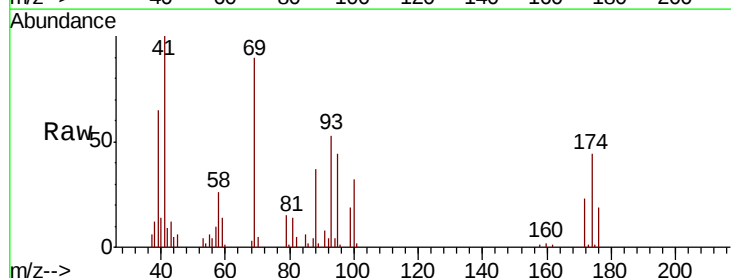
Tgt Ion: 41 Resp: 31600

Ion Ratio Lower Upper

41 100

69 96.6 80.7 121.1

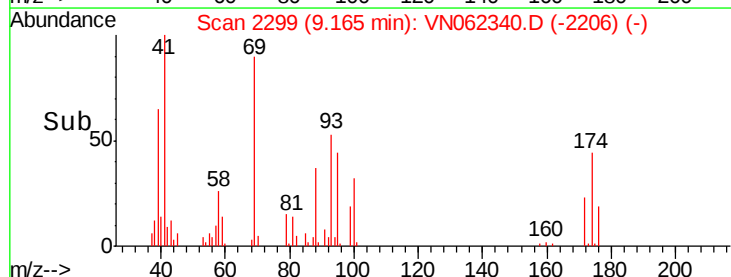
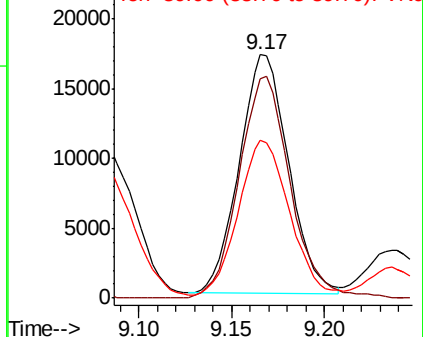
39 70.0 54.5 81.7



Abundance Ion 41.00 (40.70 to 41.70): VN062340.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062340.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062340.D (-2206) (-)

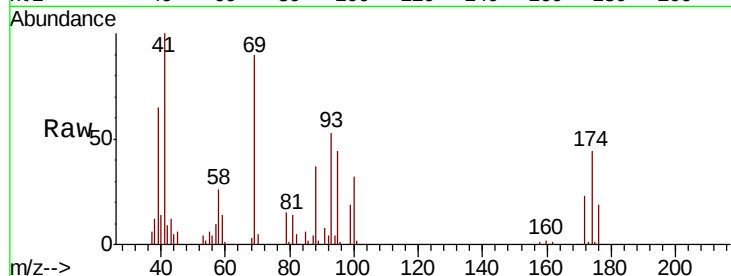




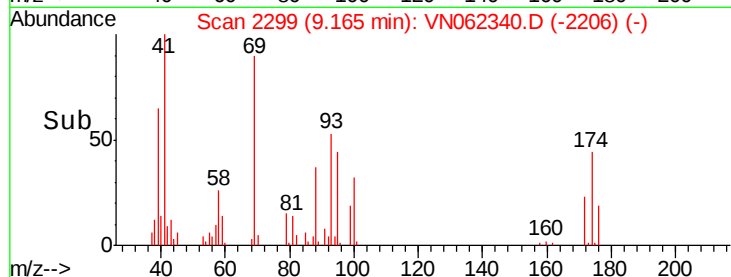
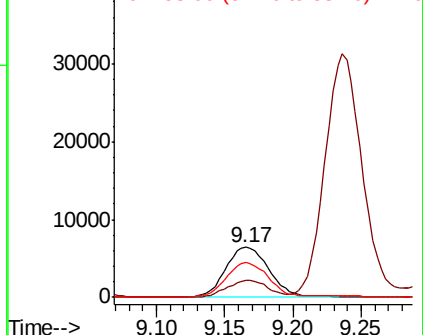
#49
1,4-Dioxane
Concen: 409.447 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 14282
Ion Ratio Lower Upper
88 100
43 32.1 22.0 33.0
58 67.3 49.2 73.8

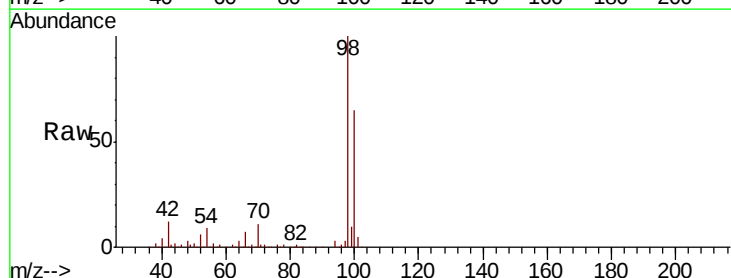


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

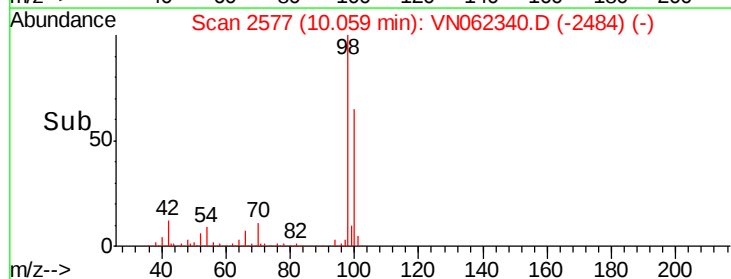
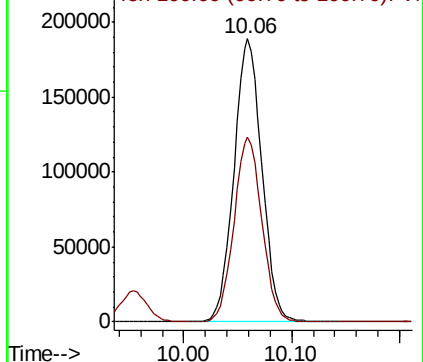


#50
Toluene-d8
Concen: 51.474 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Tgt Ion: 98 Resp: 341298
Ion Ratio Lower Upper
98 100
100 65.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 110.832 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

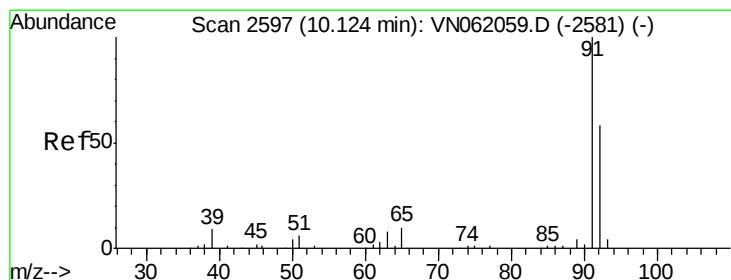
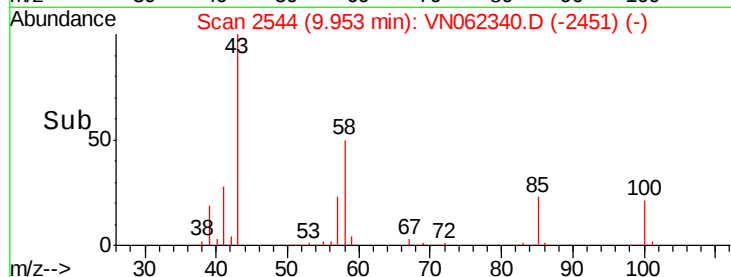
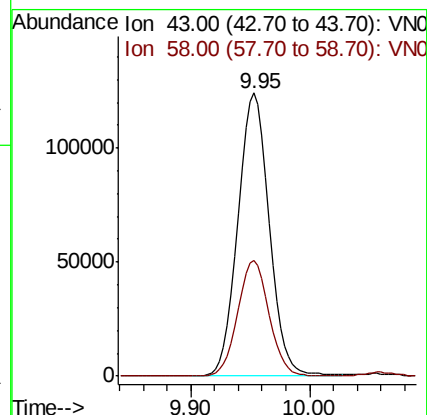
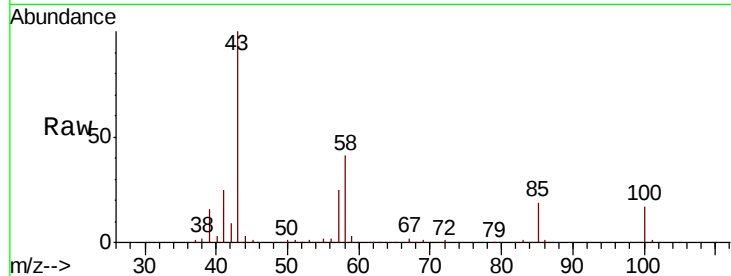
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 227162

Ion Ratio Lower Upper

43 100

58 40.7 34.2 51.2



#52

Toluene

Concen: 17.985 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062340.D

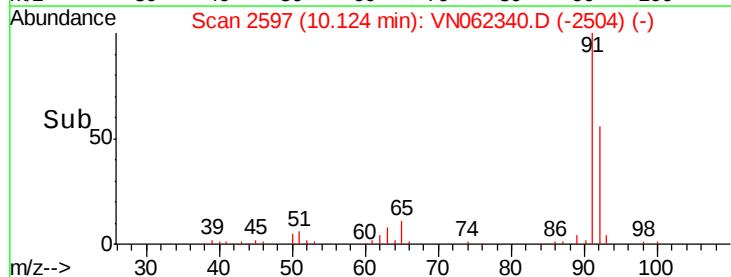
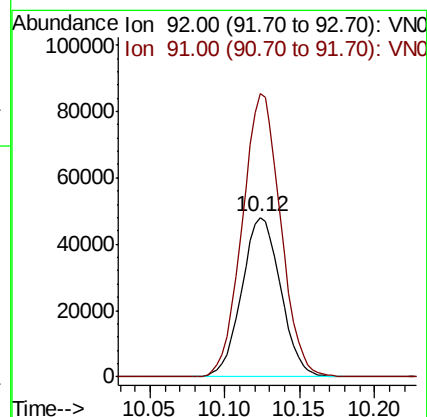
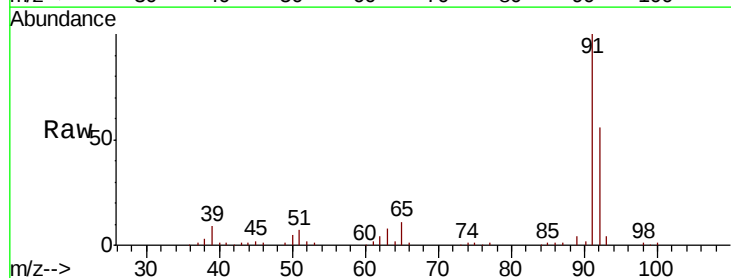
Acq: 2 Jul 2020 18:06

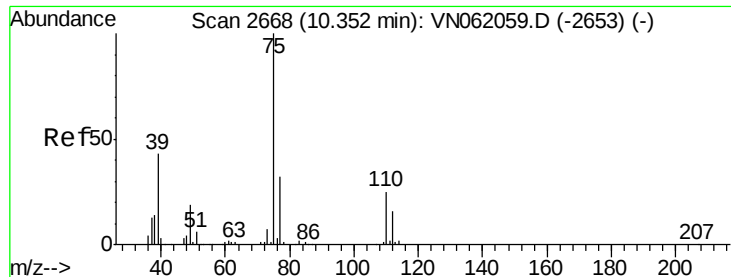
Tgt Ion: 92 Resp: 86922

Ion Ratio Lower Upper

92 100

91 175.9 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 18.427 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

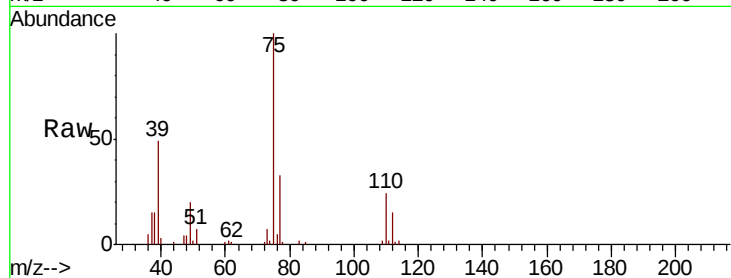
ClientSampleId :

Tot Ion: 75 Resp: 54236

Ion Ratio Lower Upper

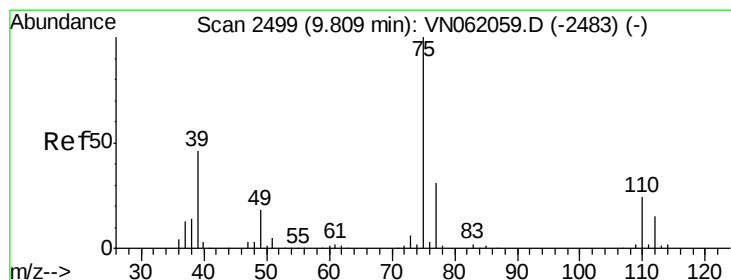
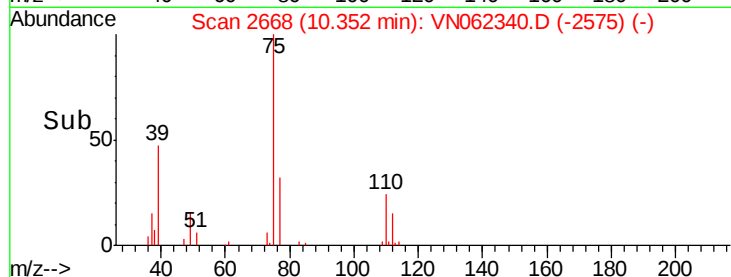
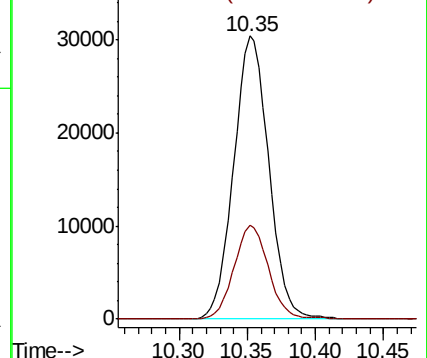
75 100

77 33.1 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 18.719 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

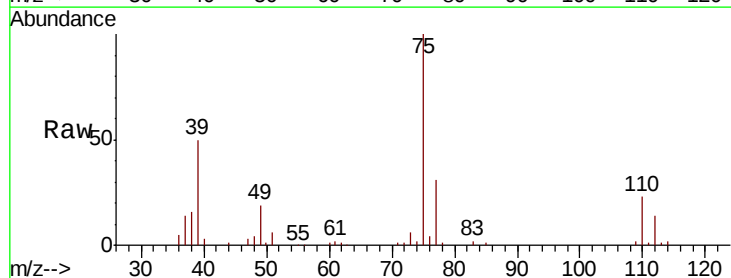
Tgt Ion: 75 Resp: 58655

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6

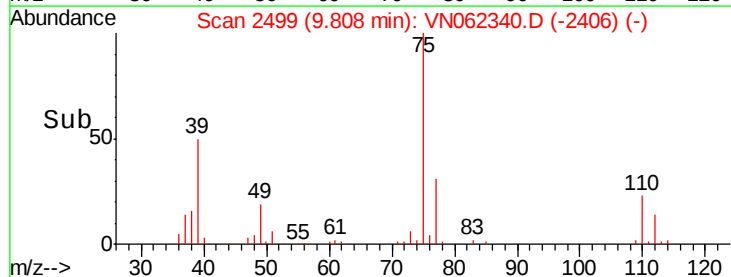
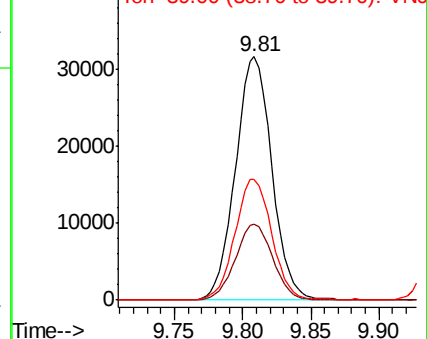
39 49.7 36.9 55.3

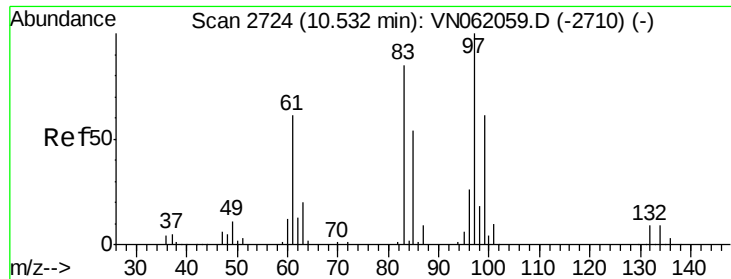


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

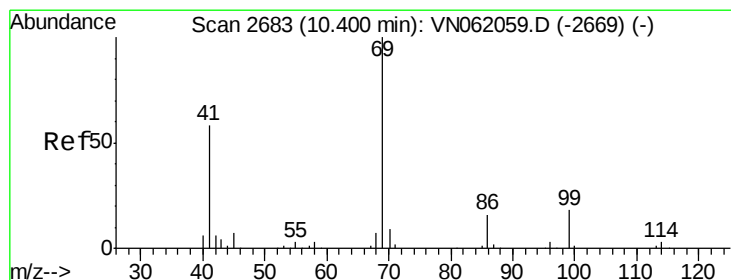
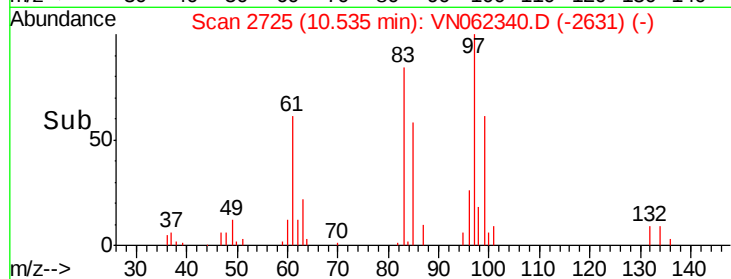
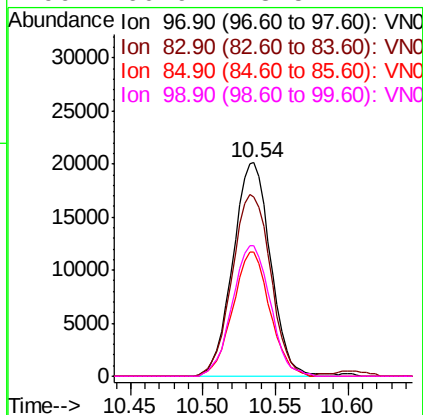
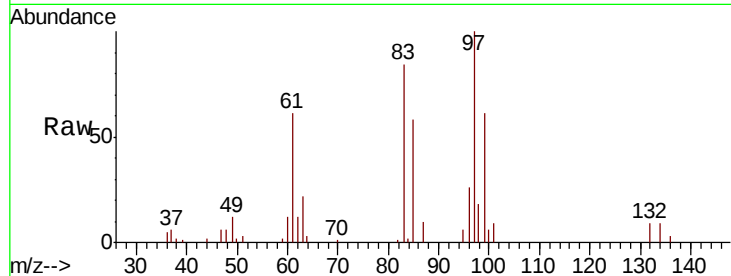




#55
 1,1,2-Trichloroethane
 Concen: 19.131 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

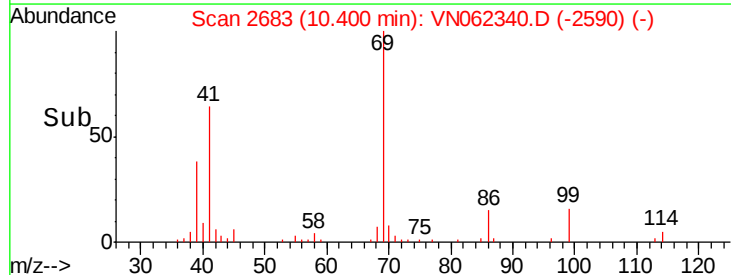
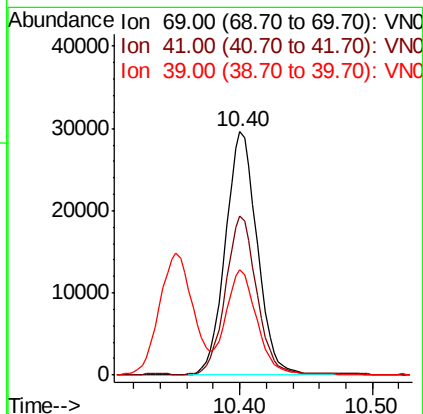
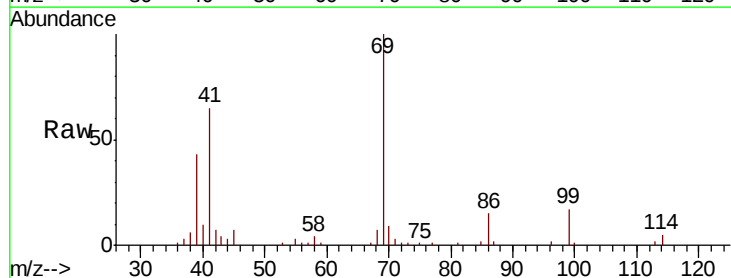
Instrument :
 MSVOA_N
 ClientSampleId :

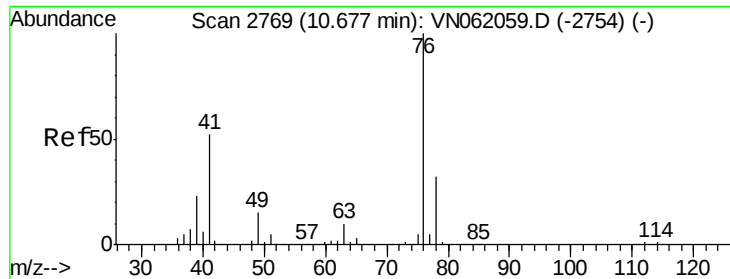
Tot Ion: 97 Resp: 36345
 Ion Ratio Lower Upper
 97 100
 83 83.9 68.2 102.2
 85 58.1 43.2 64.8
 99 60.9 48.5 72.7



#56
 Ethyl methacrylate
 Concen: 19.502 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Tgt Ion: 69 Resp: 49446
 Ion Ratio Lower Upper
 69 100
 41 64.6 46.6 70.0
 39 43.0 31.0 46.4

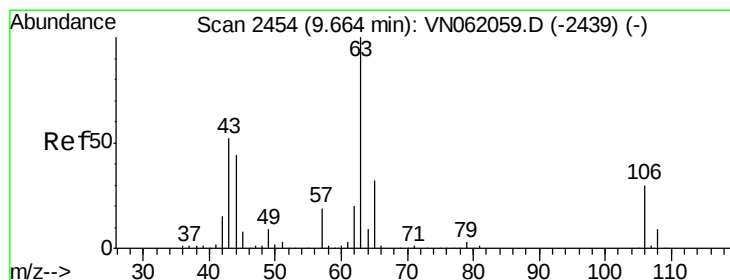
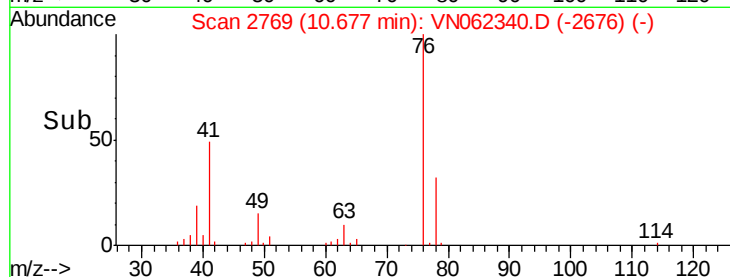
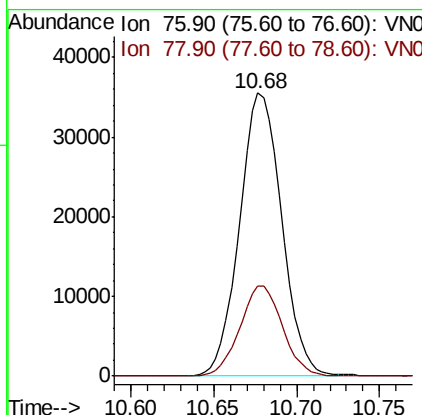
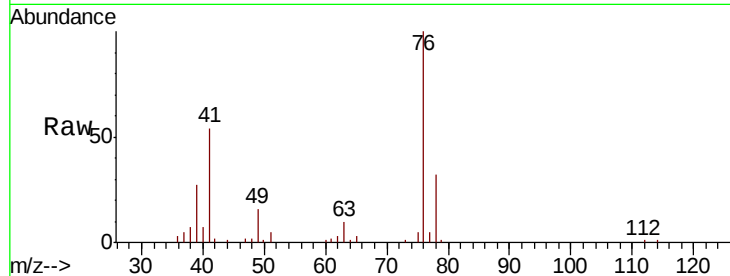




#57
 1,3-Dichloropropane
 Concen: 19.290 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

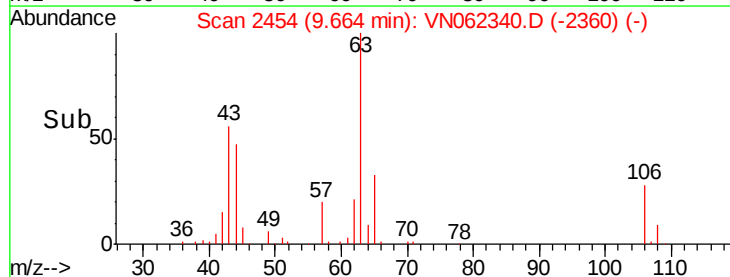
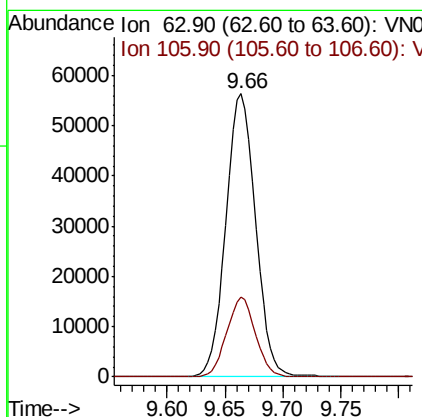
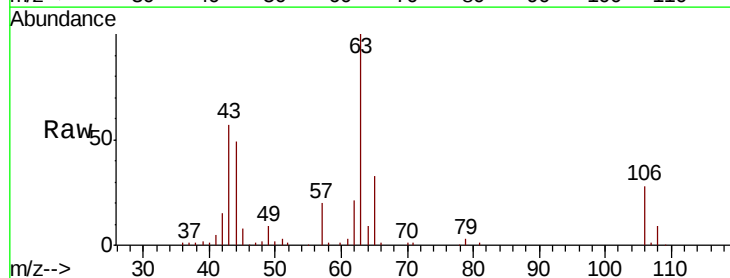
Instrument :
 MSVOA_N
 ClientSampled :

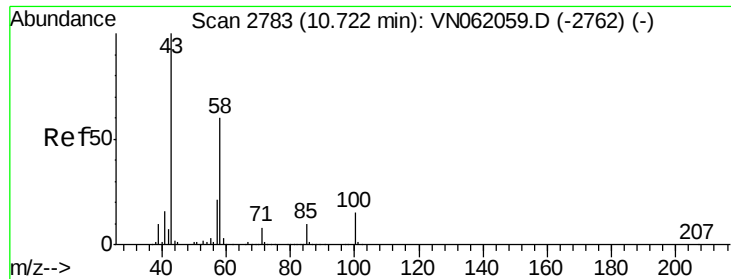
Tot Ion: 76 Resp: 63080
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.564 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Tgt Ion: 63 Resp: 99757
 Ion Ratio Lower Upper
 63 100
 106 27.1 23.2 34.8

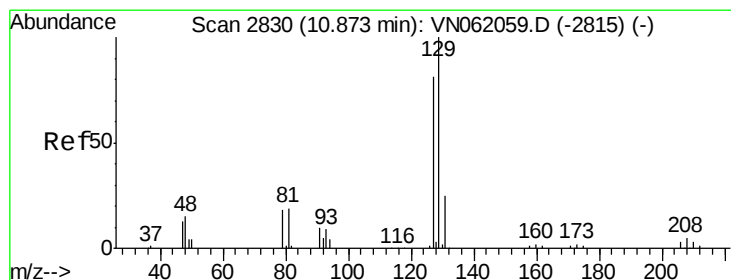
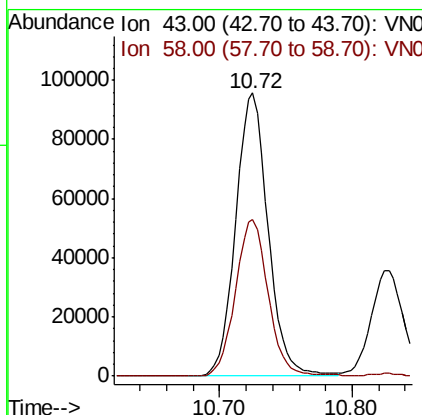
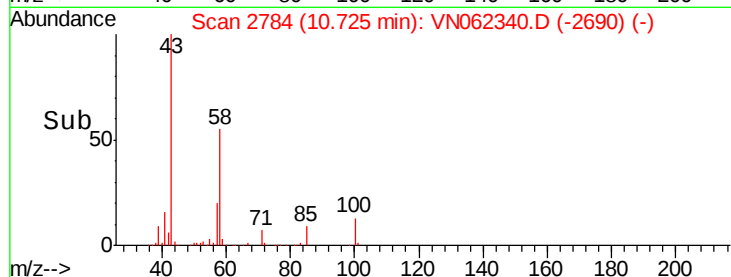
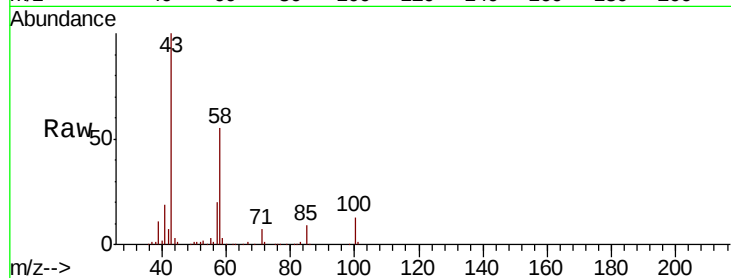




#59
2-Hexanone
Concen: 109.837 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

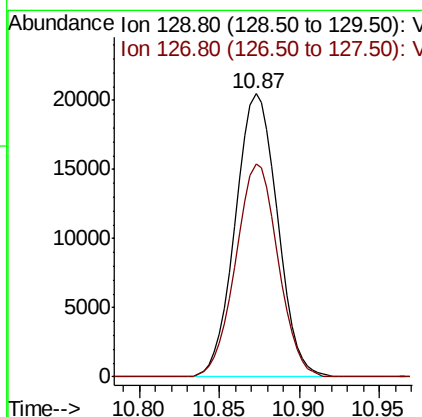
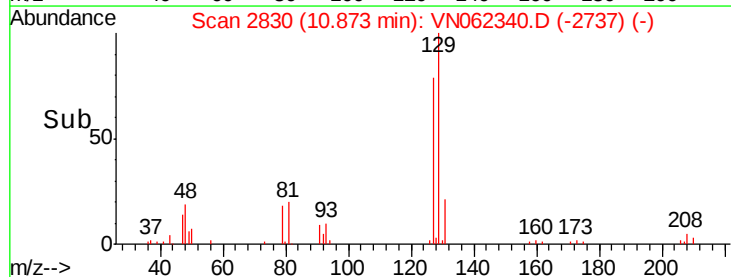
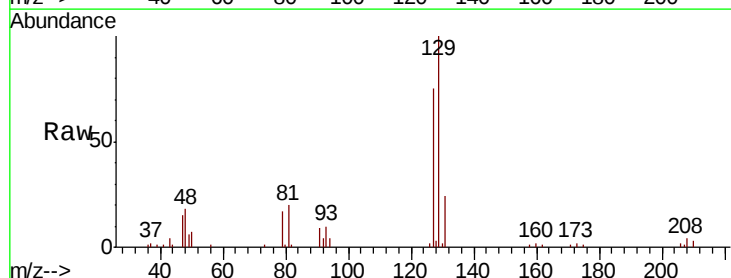
Instrument :
MSVOA_N
ClientSampleId :

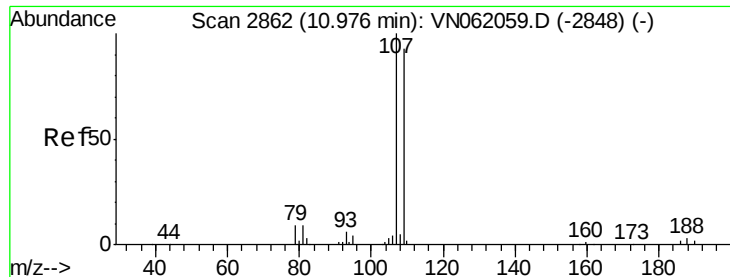
Tot Ion: 43 Resp: 162560
Ion Ratio Lower Upper
43 100
58 55.8 29.5 88.5



#60
Dibromochloromethane
Concen: 18.306 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Tgt Ion: 129 Resp: 36820
Ion Ratio Lower Upper
129 100
127 75.7 39.5 118.5

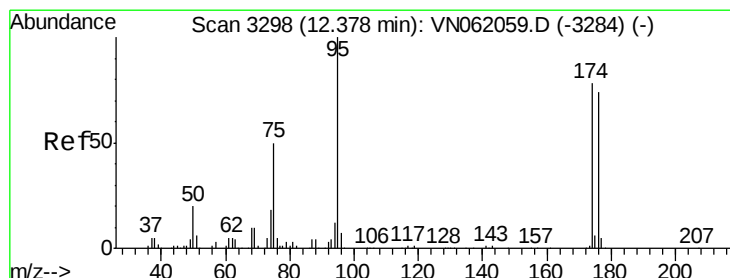
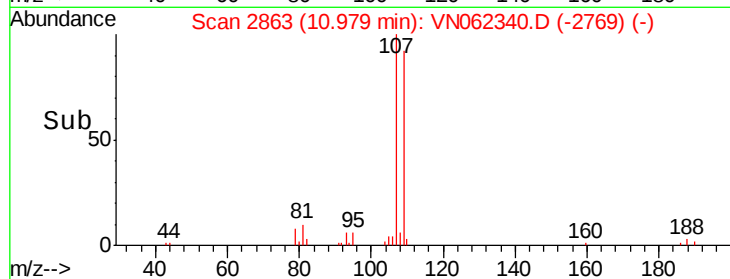
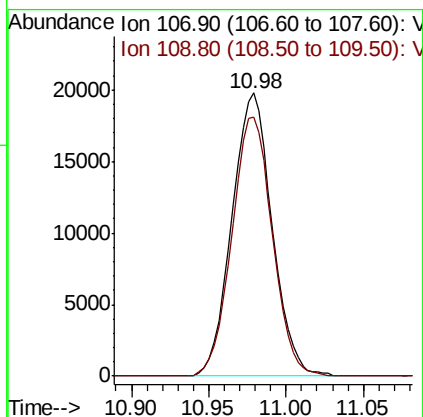
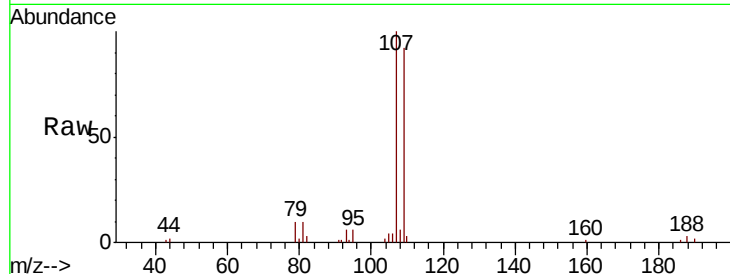




#61
 1,2-Dibromoethane
 Concen: 18.268 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

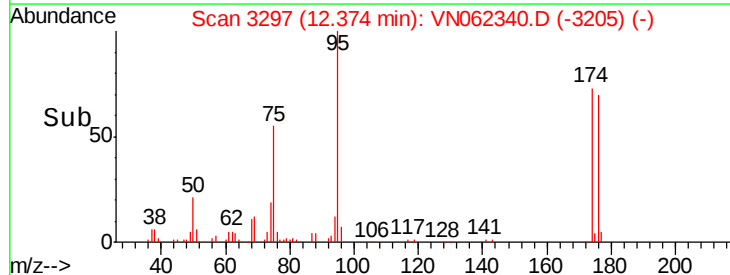
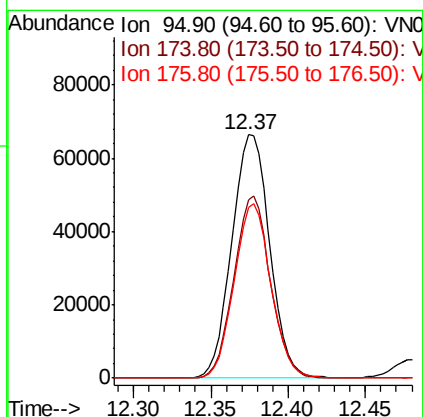
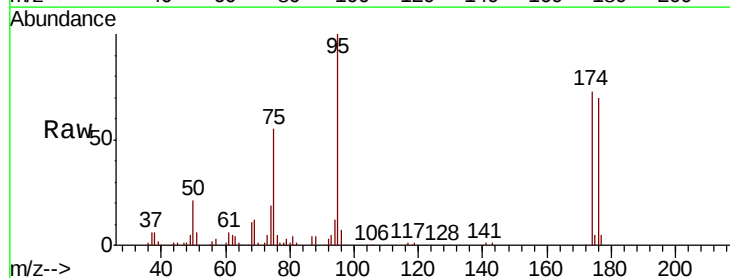
Instrument :
 MSVOA_N
 ClientSampleId :

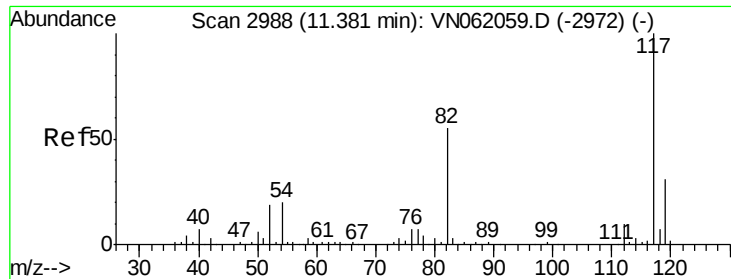
Tot Ion:107 Resp: 35661
 Ion Ratio Lower Upper
 107 100
 109 92.2 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 50.441 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Tgt Ion: 95 Resp: 112995
 Ion Ratio Lower Upper
 95 100
 174 71.9 0.0 154.8
 176 69.5 0.0 147.4

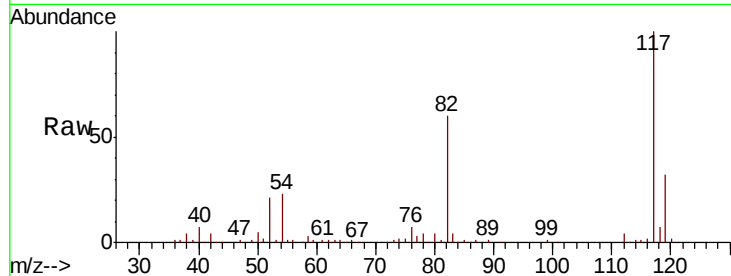




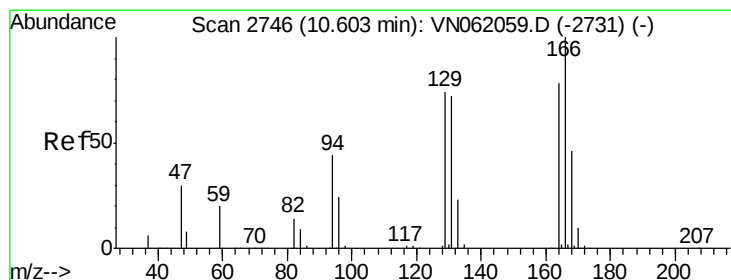
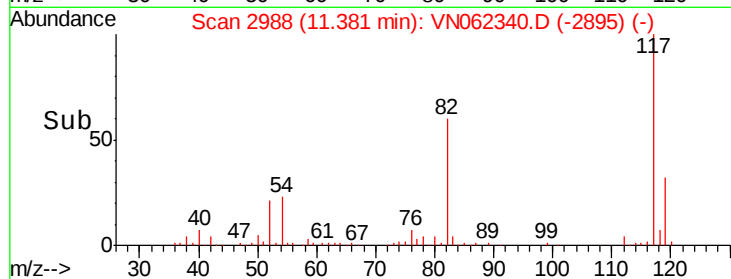
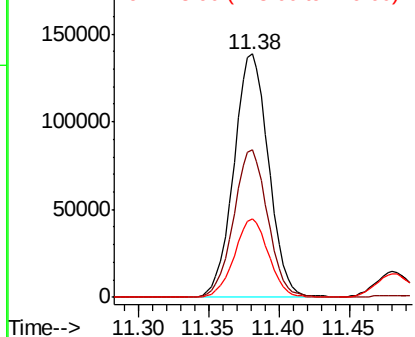
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 239683
Ion Ratio Lower Upper
117 100
82 60.4 43.8 65.8
119 32.4 25.2 37.8

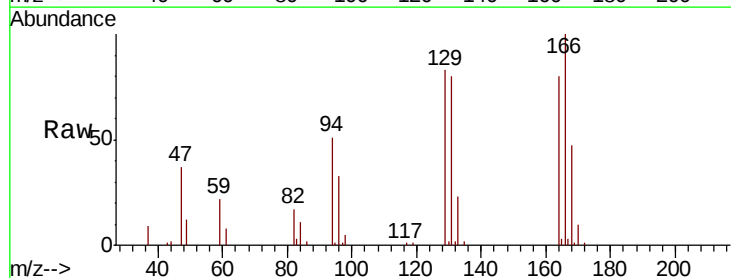


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

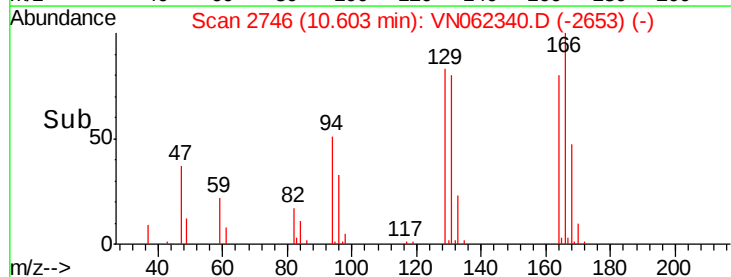
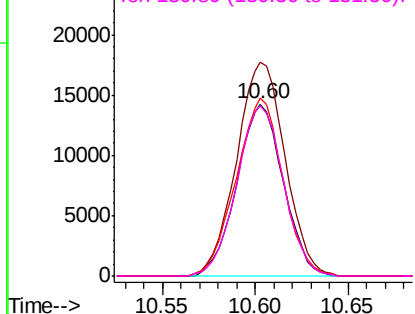


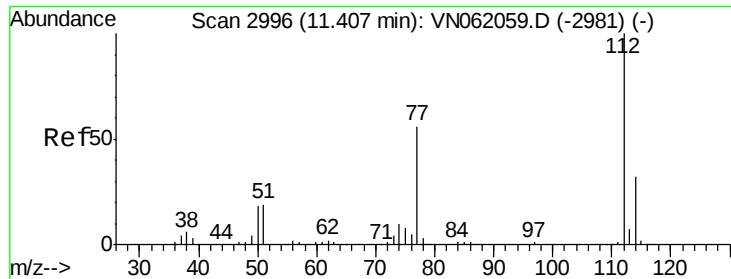
#64
Tetrachloroethene
Concen: 15.144 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Tgt Ion:164 Resp: 24794
Ion Ratio Lower Upper
164 100
166 124.2 102.9 154.3
129 103.5 75.8 113.8
131 98.9 73.8 110.6



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

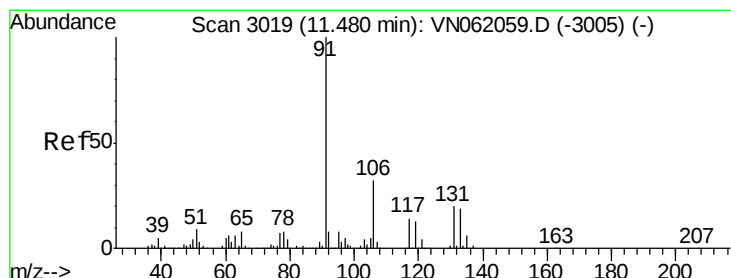
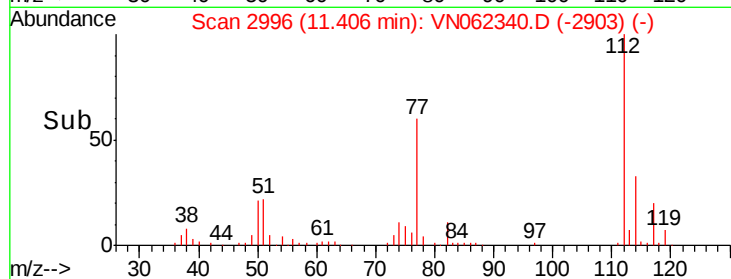
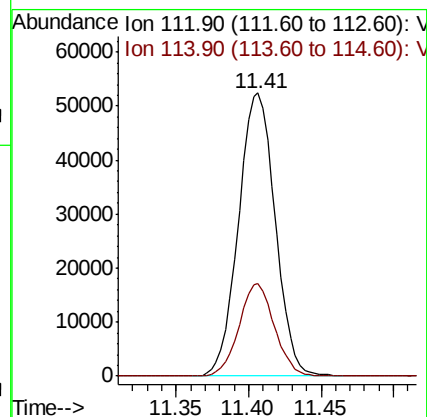
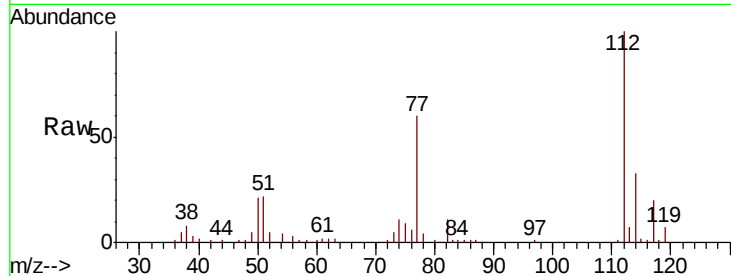




#65
Chlorobenzene
Concen: 17.511 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

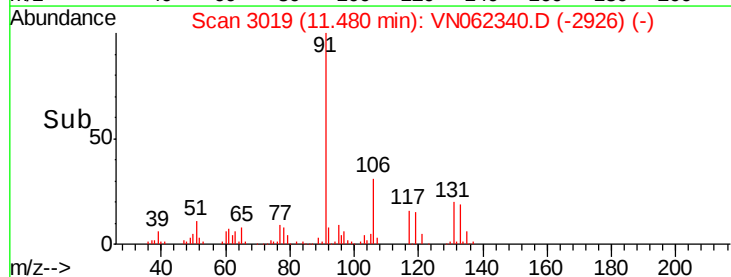
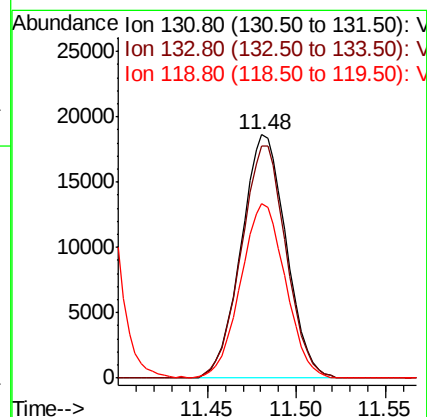
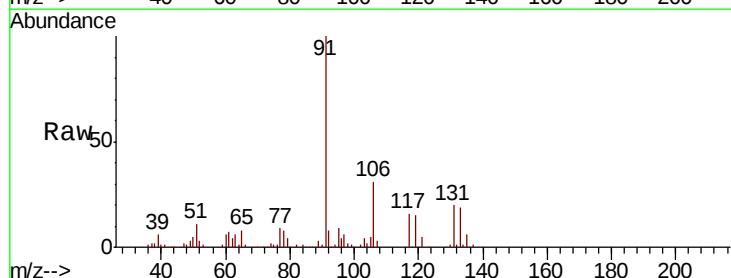
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:112 Resp: 92167
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.048 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Tgt Ion:131 Resp: 32849
Ion Ratio Lower Upper
131 100
133 95.1 47.6 142.9
119 71.3 34.4 103.3

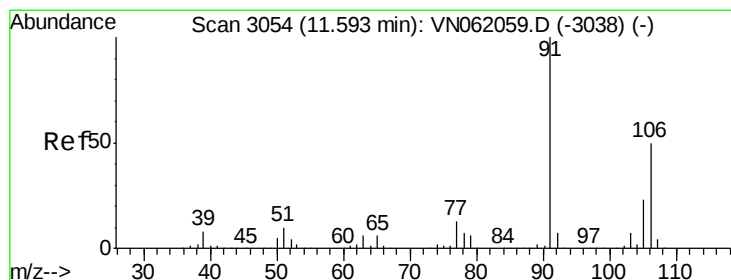
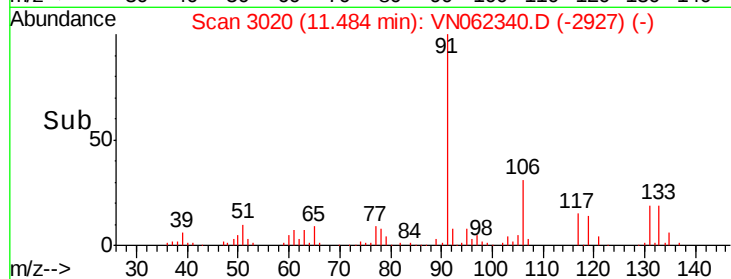
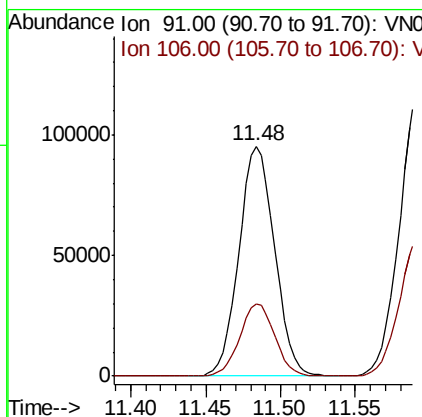
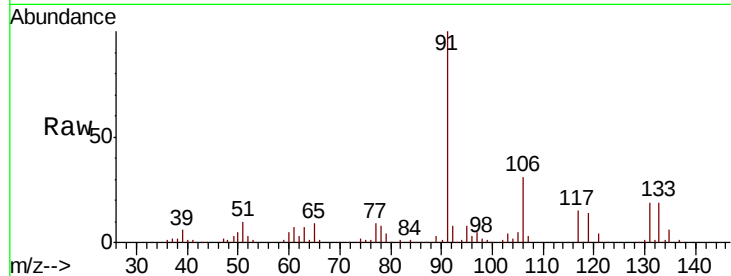




#67
Ethyl Benzene
Concen: 17.838 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

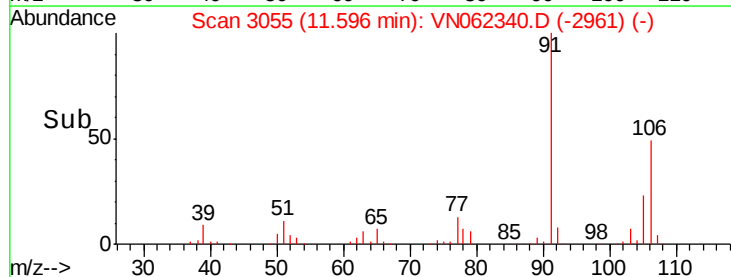
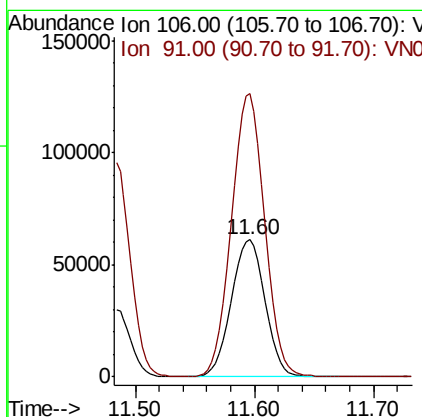
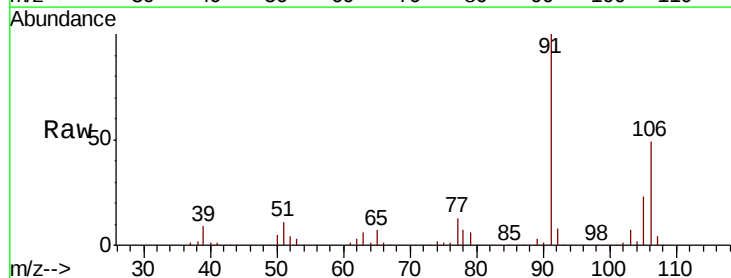
Instrument :
MSVOA_N
ClientSampled :

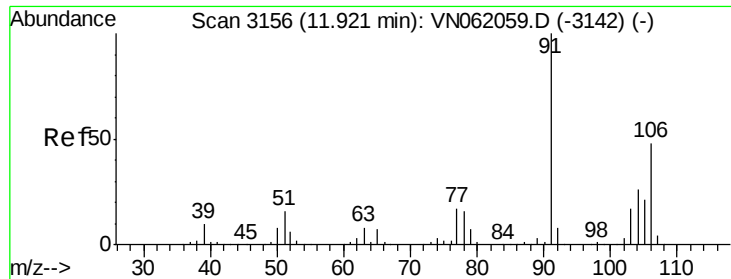
Tot Ion: 91 Resp: 158565
Ion Ratio Lower Upper
91 100
106 31.5 25.3 37.9



#68
m/p-Xylenes
Concen: 35.036 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Tgt Ion: 106 Resp: 120462
Ion Ratio Lower Upper
106 100
91 201.8 157.8 236.8

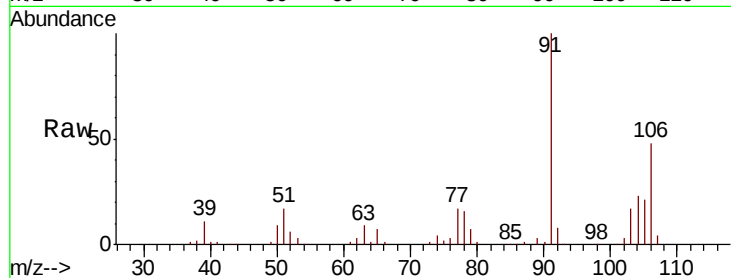




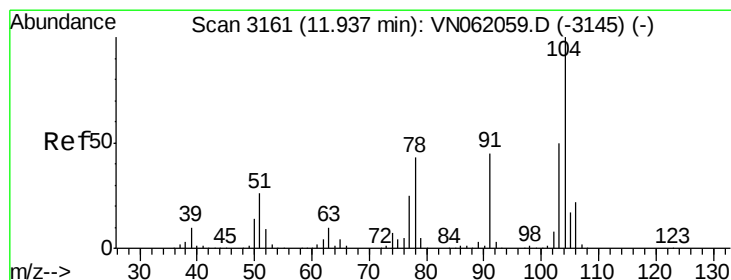
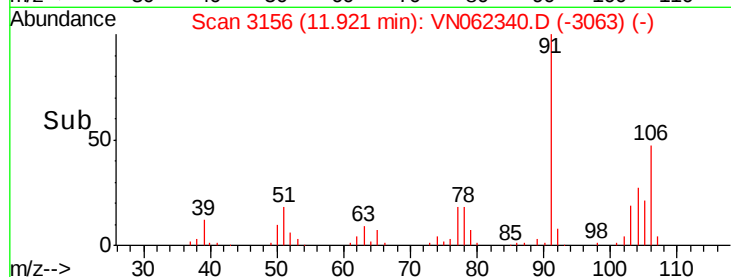
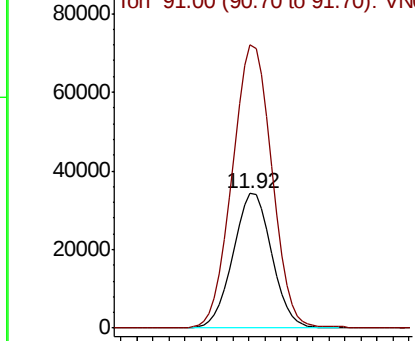
#69
o-Xylene
Concen: 17.435 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 56559
Ion Ratio Lower Upper
106 100
91 214.0 104.0 311.9

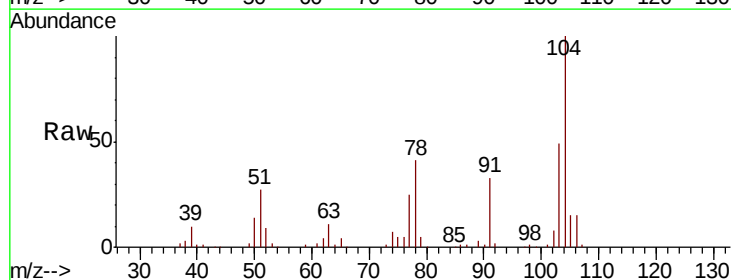


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

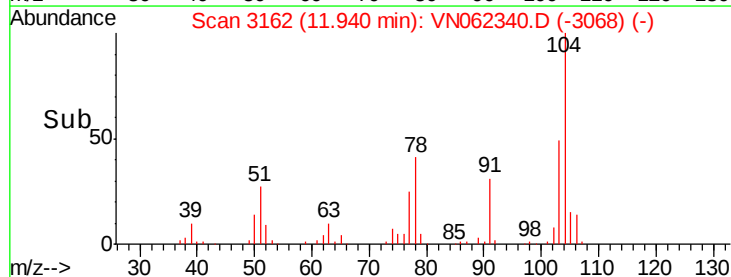
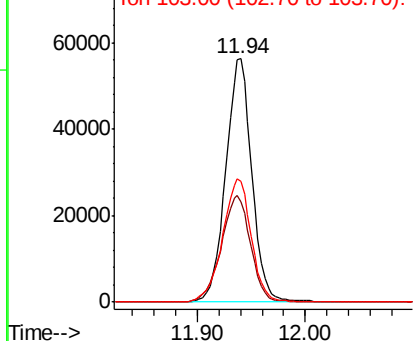


#70
Styrene
Concen: 17.566 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Tgt Ion:104 Resp: 95036
Ion Ratio Lower Upper
104 100
78 48.9 37.7 56.5
103 55.0 43.0 64.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.668 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

ClientSampleId :

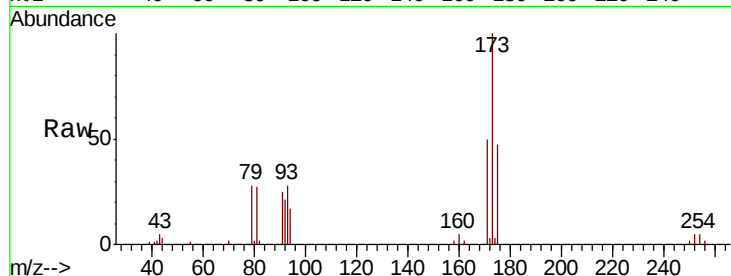
Tot Ion:173 Resp: 22863

Ion Ratio Lower Upper

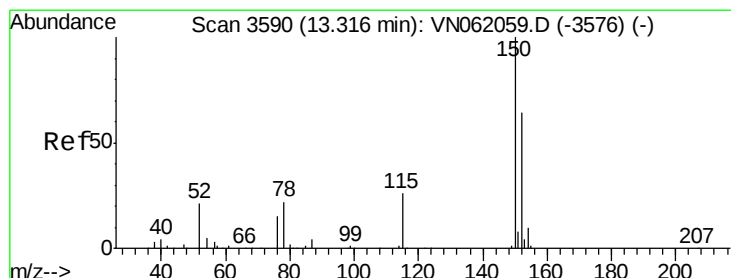
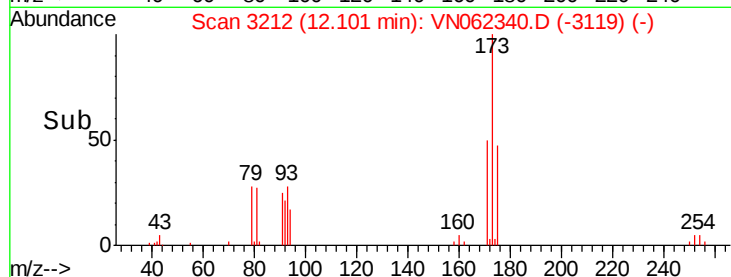
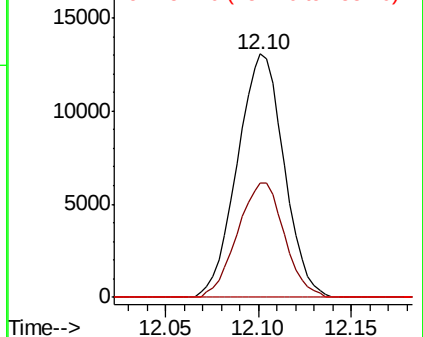
173 100

175 47.3 24.7 74.1

254 0.0 0.0 0.0



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: VN062340.D

Acq: 2 Jul 2020 18:06

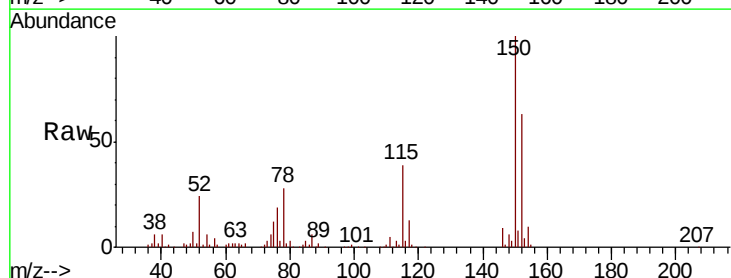
Tgt Ion:152 Resp: 103488

Ion Ratio Lower Upper

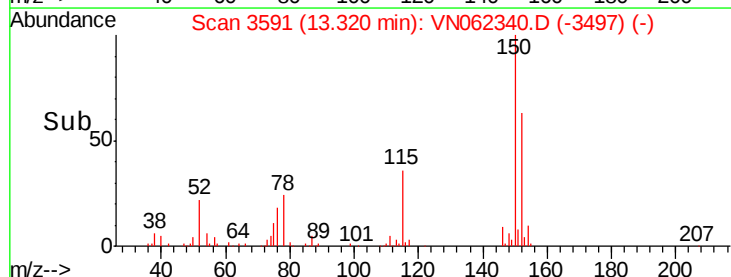
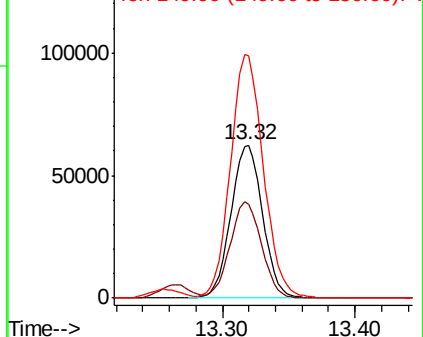
152 100

115 62.5 29.5 88.5

150 164.9 0.0 351.4



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





#73

Isopropylbenzene

Concen: 18.912 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

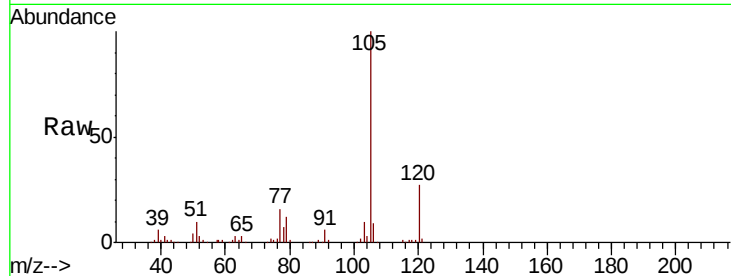
ClientSampled :

Tot Ion:105 Resp: 151497

Ion Ratio Lower Upper

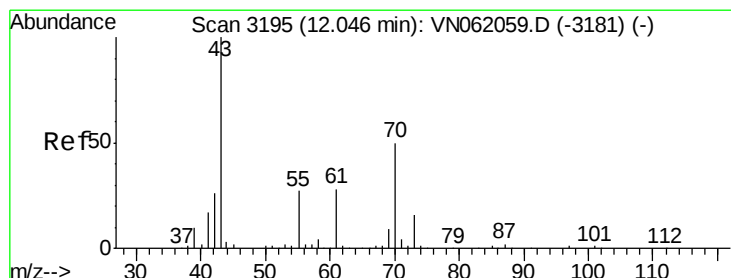
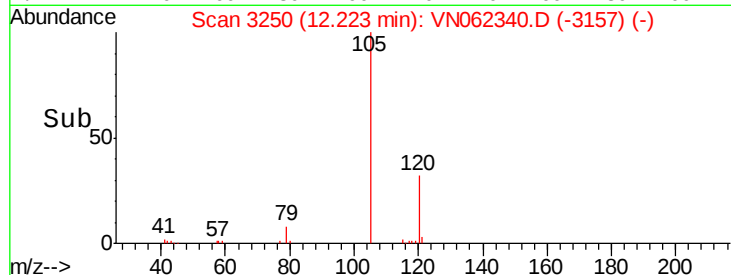
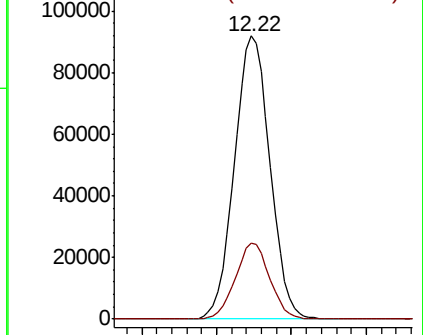
105 100

120 25.9 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.653 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Tgt Ion: 43 Resp: 57863

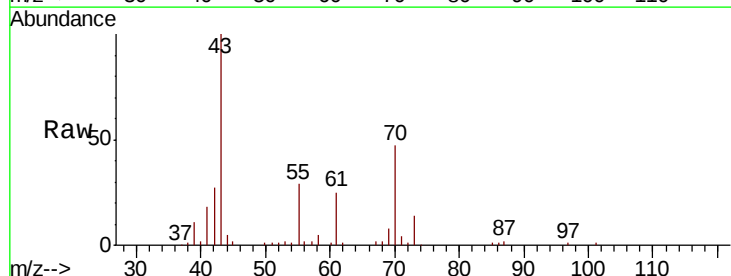
Ion Ratio Lower Upper

43 100

70 46.7 39.4 59.2

55 28.3 21.7 32.5

61 24.6 21.3 31.9

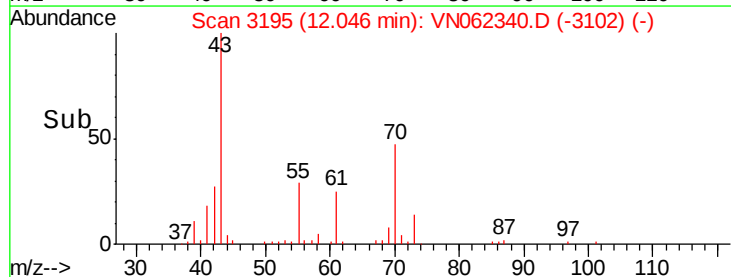
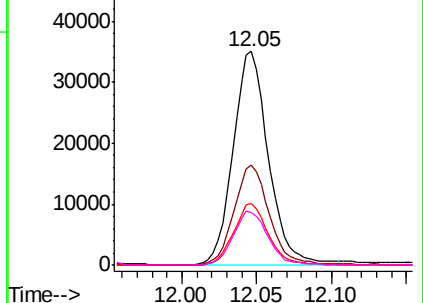


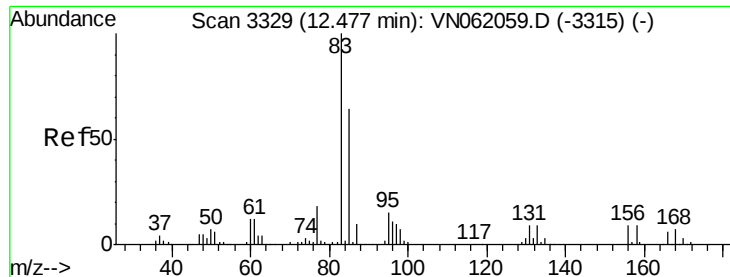
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.074 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

ClientSampled :

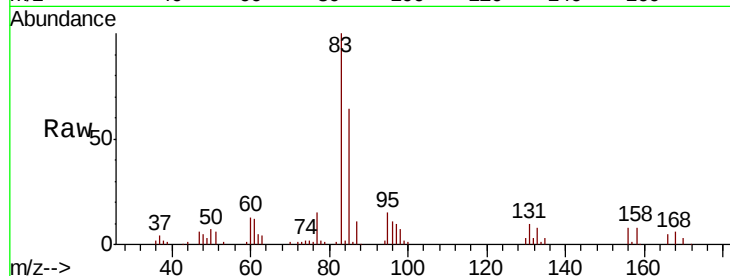
Tot Ion: 83 Resp: 56178

Ion Ratio Lower Upper

83 100

131 9.1 4.8 14.4

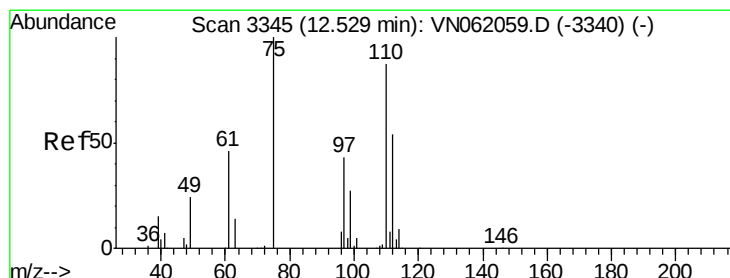
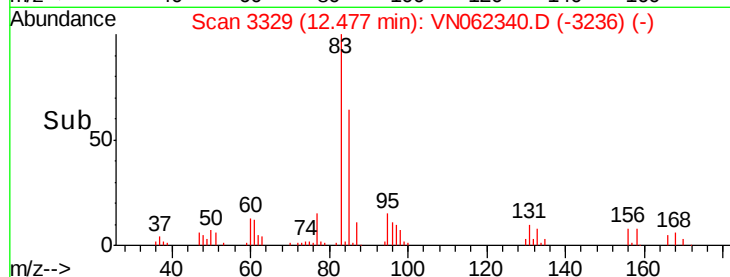
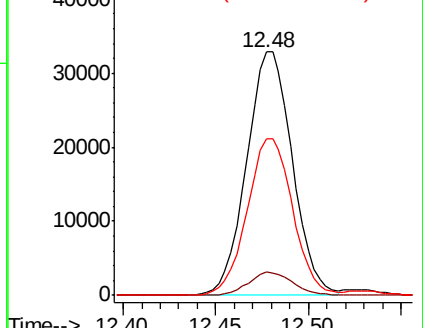
85 64.1 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062340.D (-3236) (-)

Ion 130.80 (130.50 to 131.50): VN062340.D (-3236) (-)

Ion 84.90 (84.60 to 85.60): VN062340.D (-3236) (-)



#76

1,2,3-Trichloropropane

Concen: 28.229 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062340.D

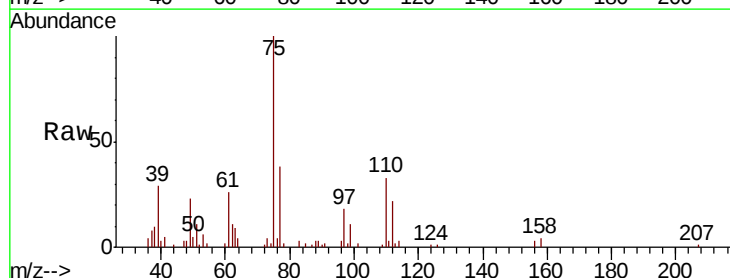
Acq: 2 Jul 2020 18:06

Tgt Ion: 75 Resp: 68772

Ion Ratio Lower Upper

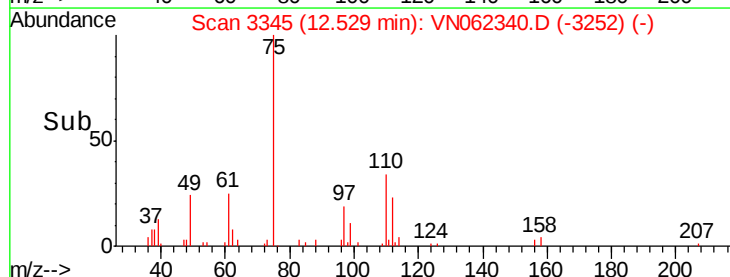
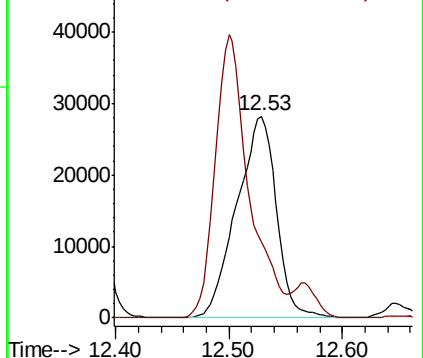
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062340.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062340.D (-3252) (-)





#77

Bromobenzene

Concen: 17.664 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

ClientSampled :

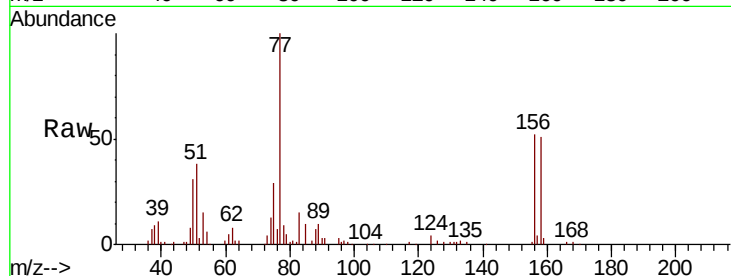
Tot Ion:156 Resp: 35130

Ion Ratio Lower Upper

156 100

77 234.5 104.6 313.8

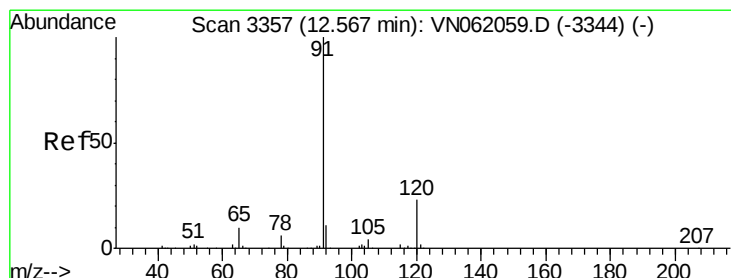
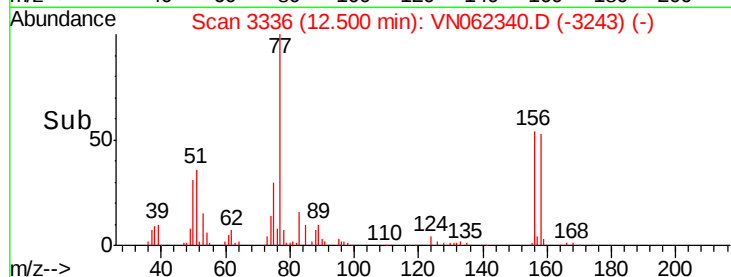
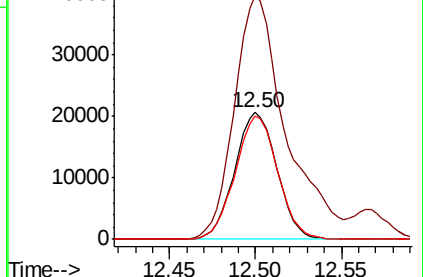
158 97.6 48.0 144.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.907 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062340.D

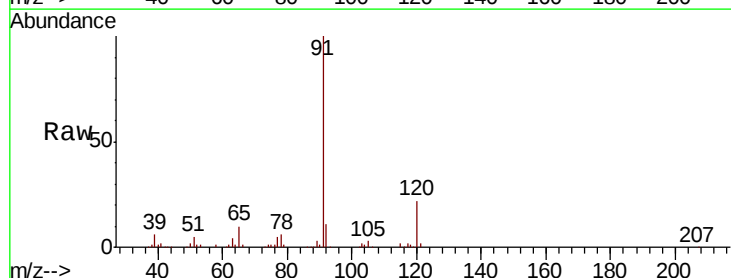
Acq: 2 Jul 2020 18:06

Tgt Ion: 91 Resp: 173248

Ion Ratio Lower Upper

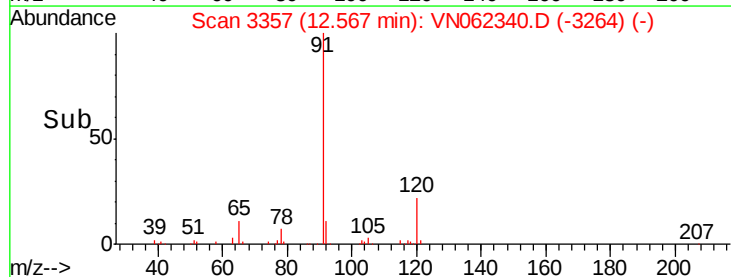
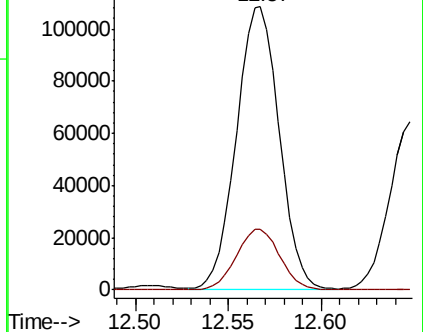
91 100

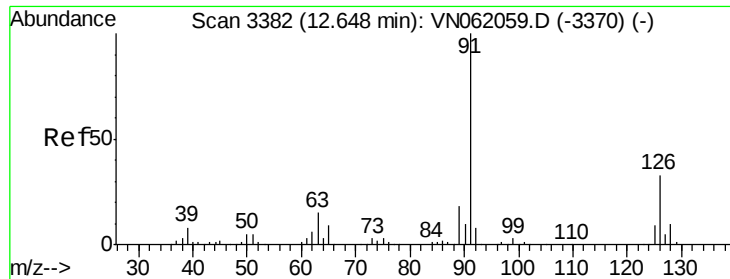
120 22.0 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

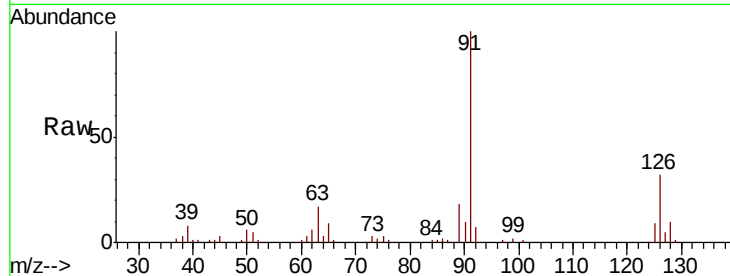




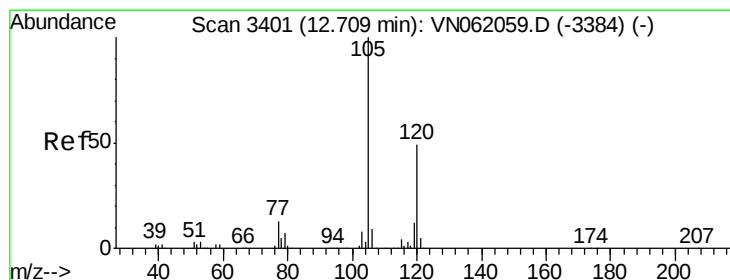
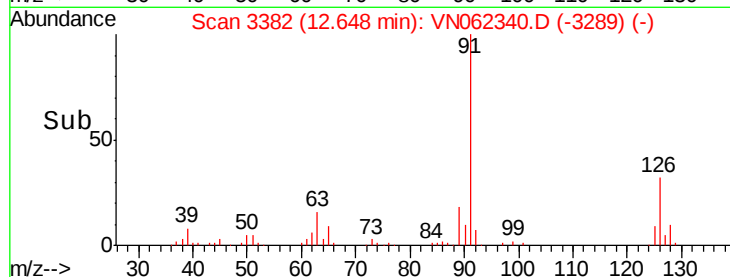
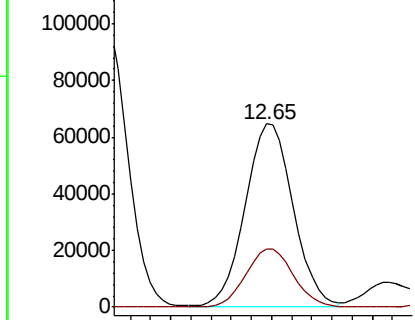
#79
 2-Chlorotoluene
 Concen: 19.321 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 91 Resp: 107030
 Ion Ratio Lower Upper
 91 100
 126 32.0 16.9 50.7

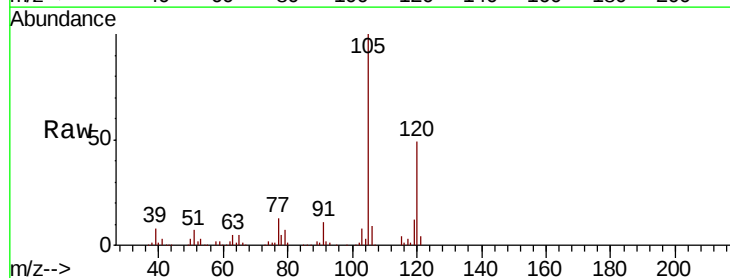


Abundance Ion 91.00 (90.70 to 91.70): VN062340.D (-3289) (-)
 Ion 125.90 (125.60 to 126.60): VN062340.D (-3289) (-)

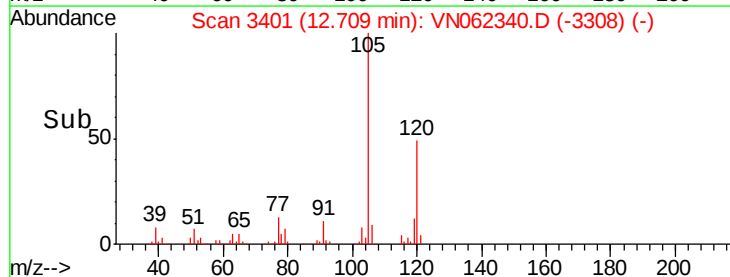
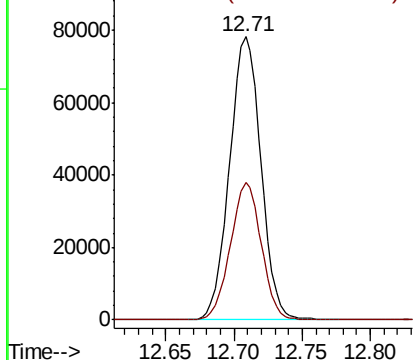


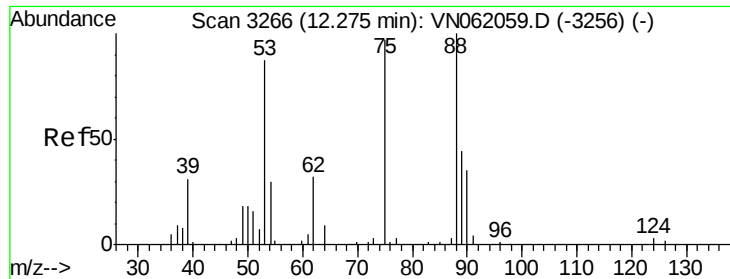
#80
 1,3,5-Trimethylbenzene
 Concen: 19.215 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Tgt Ion: 105 Resp: 124781
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062340.D (-3308) (-)
 Ion 120.00 (119.70 to 120.70): VN062340.D (-3308) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.968 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

ClientSampleId :

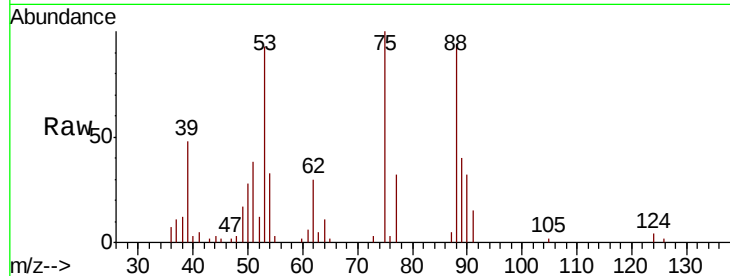
Tot Ion: 75 Resp: 16657

Ion Ratio Lower Upper

75 100

53 96.1 72.0 108.0

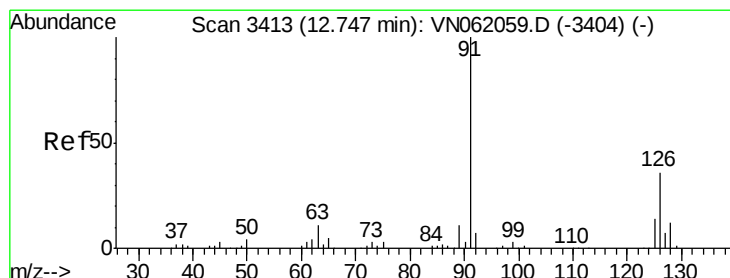
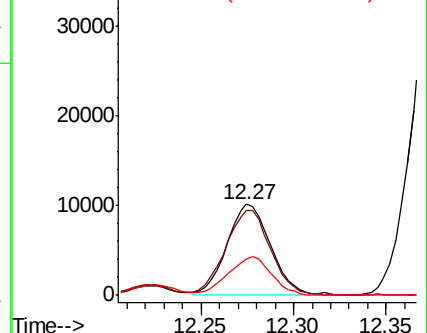
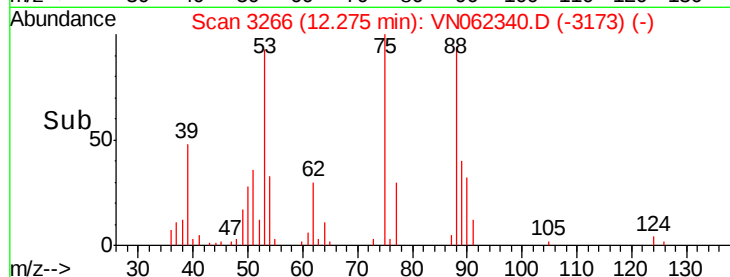
89 41.8 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN062340.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062340.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062340.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 19.217 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062340.D

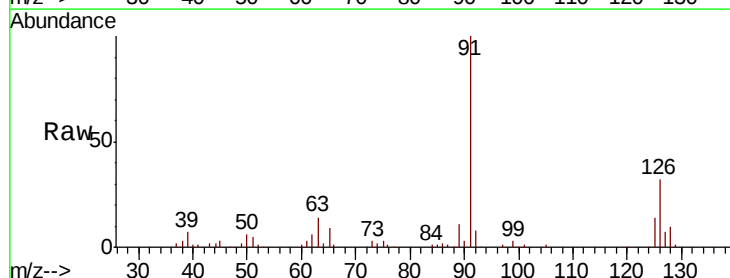
Acq: 2 Jul 2020 18:06

Tgt Ion: 91 Resp: 110086

Ion Ratio Lower Upper

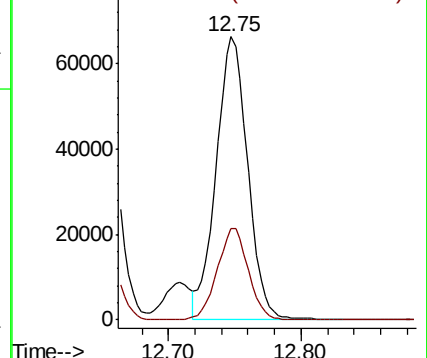
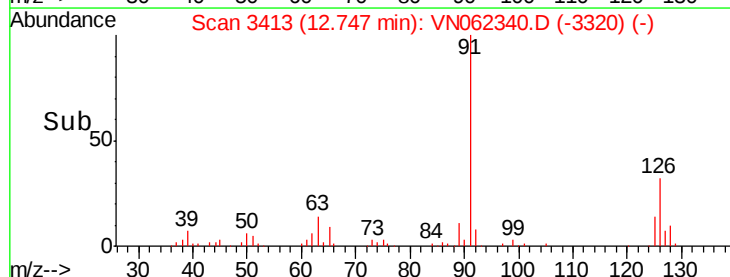
91 100

126 31.6 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN062340.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN062340.D (-3320) (-)

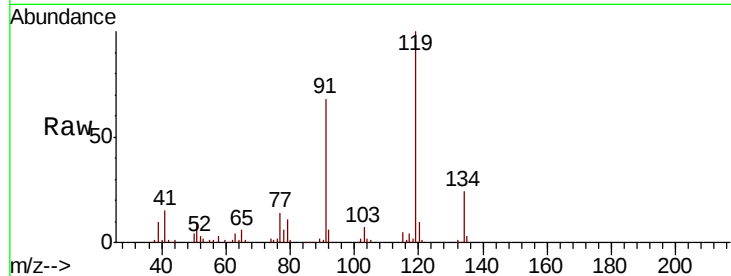




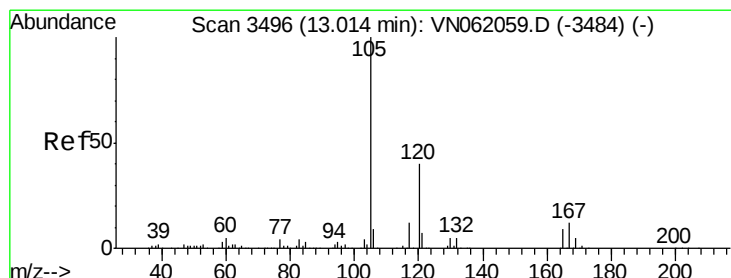
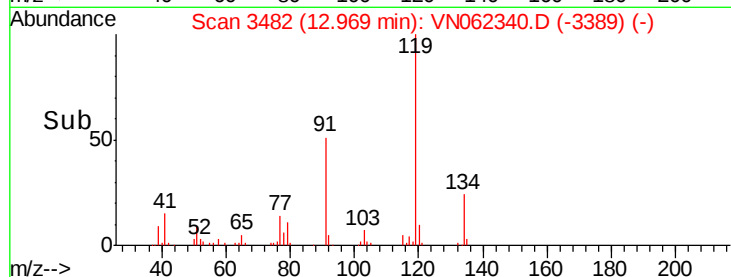
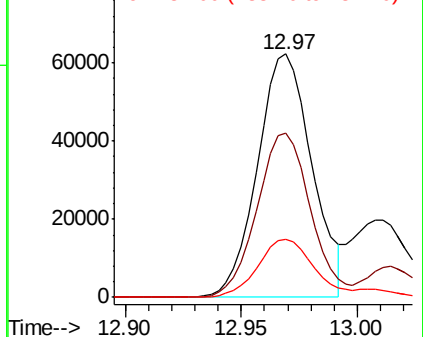
#83
 tert-Butylbenzene
 Concen: 18.345 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:119 Resp: 101955
 Ion Ratio Lower Upper
 119 100
 91 66.5 31.7 95.1
 134 24.5 13.1 39.1

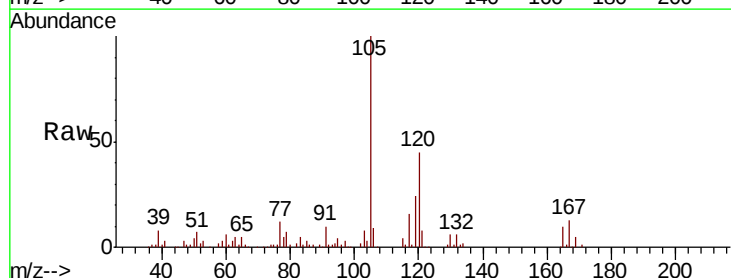


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

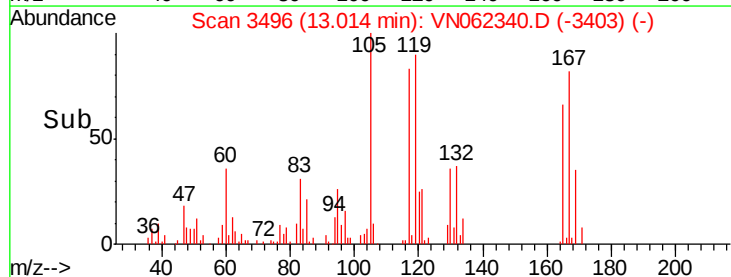
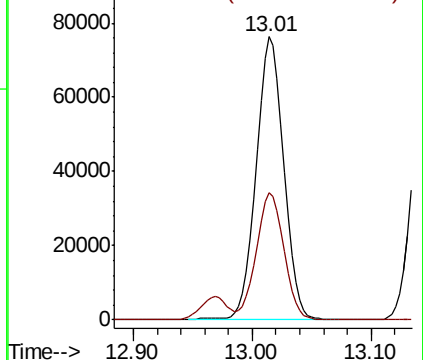


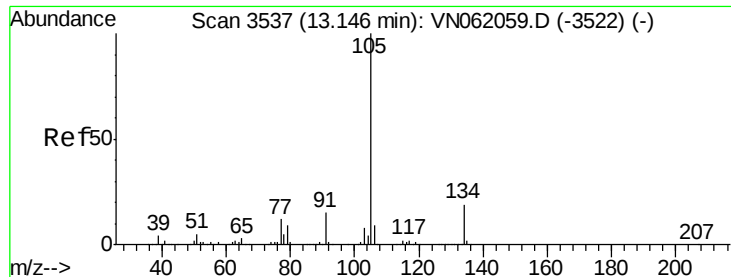
#84
 1,2,4-Trimethylbenzene
 Concen: 18.858 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Tgt Ion:105 Resp: 122311
 Ion Ratio Lower Upper
 105 100
 120 45.0 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.020 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

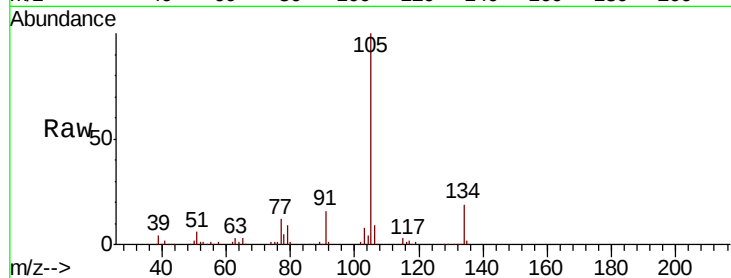
ClientSampled :

Tot Ion:105 Resp: 139676

Ion Ratio Lower Upper

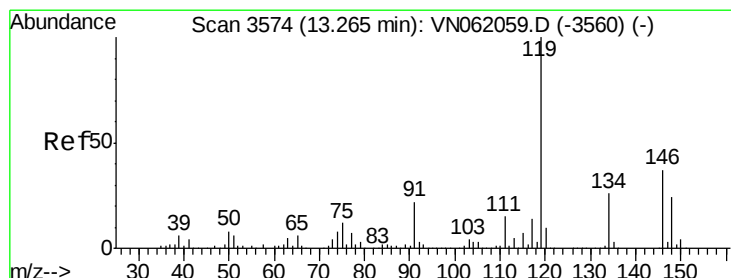
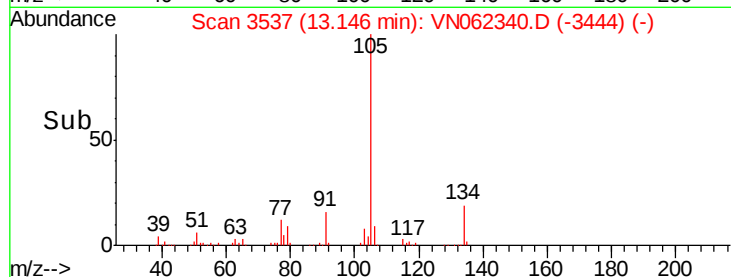
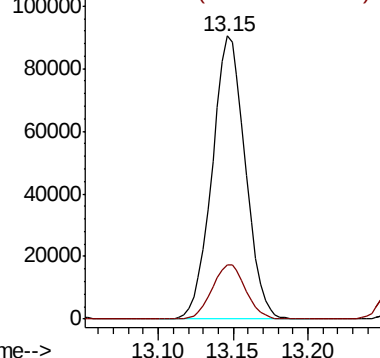
105 100

134 19.4 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.431 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

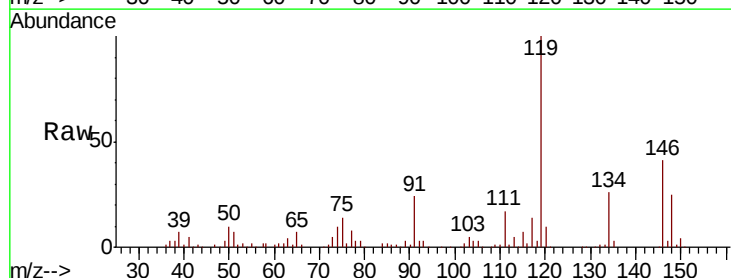
Tgt Ion:119 Resp: 118586

Ion Ratio Lower Upper

119 100

134 25.6 13.0 39.0

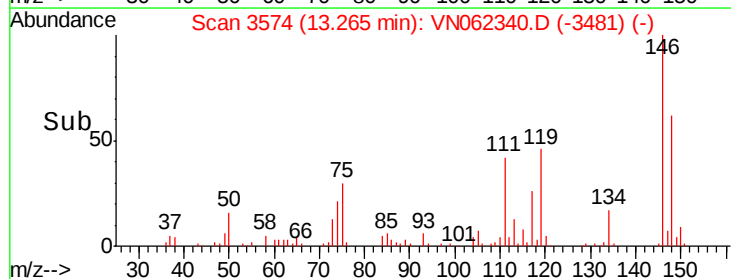
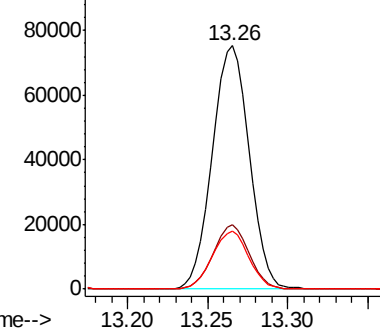
91 23.6 11.3 33.8

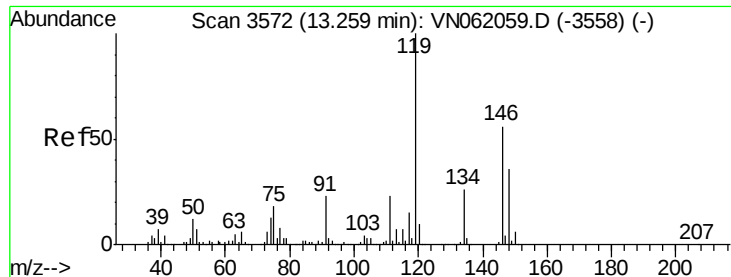


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.157 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

ClientSampled :

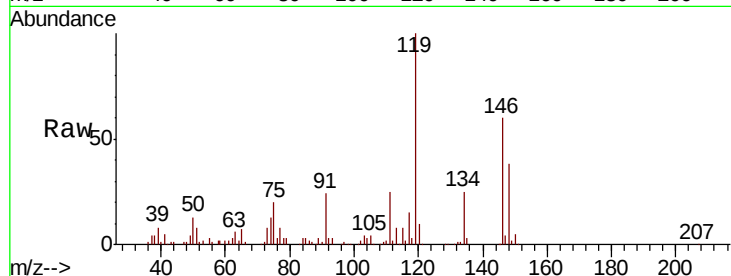
Tot Ion:146 Resp: 63411

Ion Ratio Lower Upper

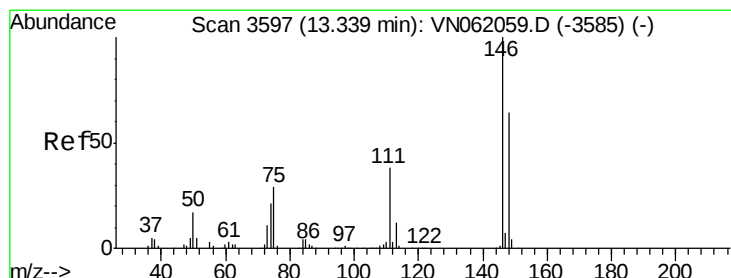
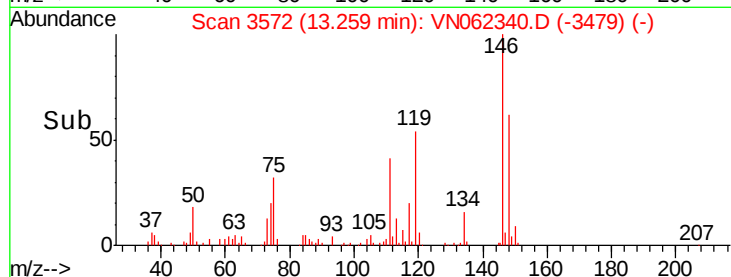
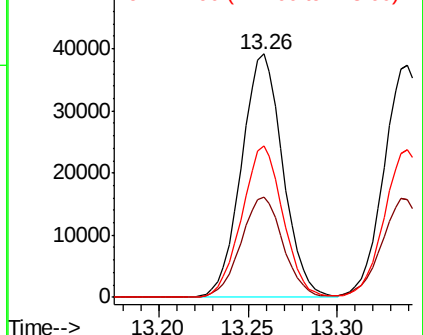
146 100

111 41.7 20.3 61.0

148 61.9 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 17.385 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

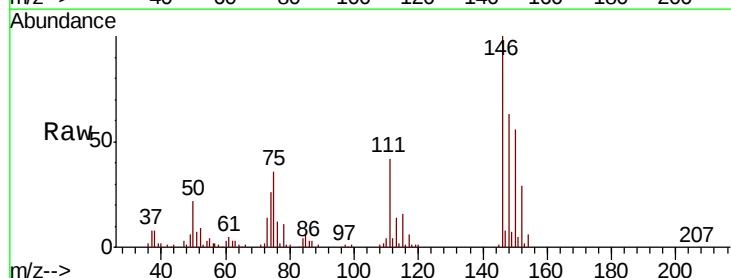
Tgt Ion:146 Resp: 62587

Ion Ratio Lower Upper

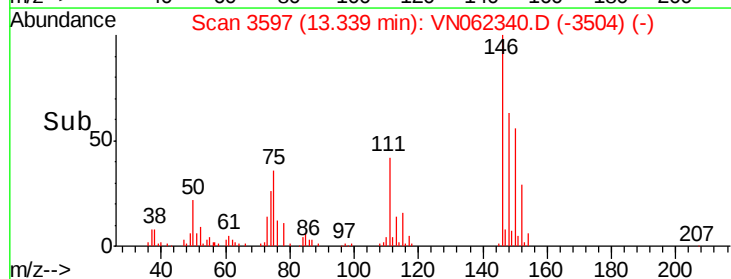
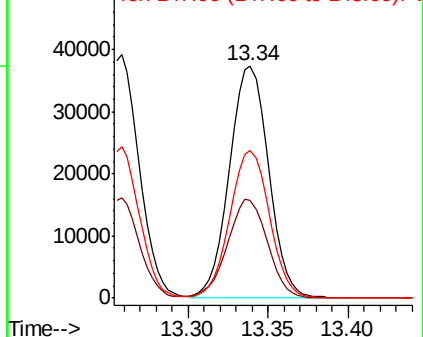
146 100

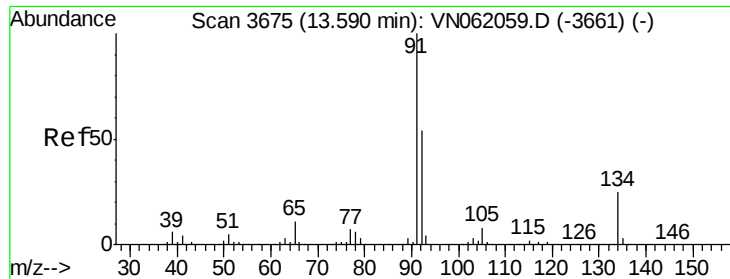
111 43.5 19.9 59.6

148 64.3 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

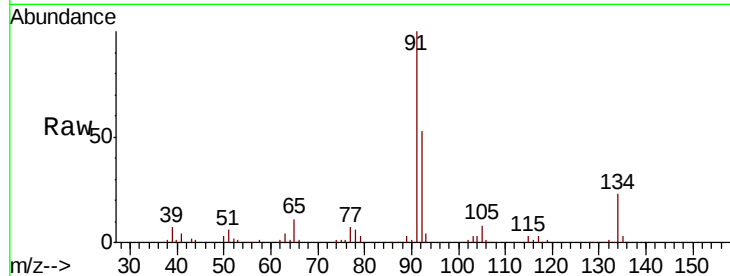




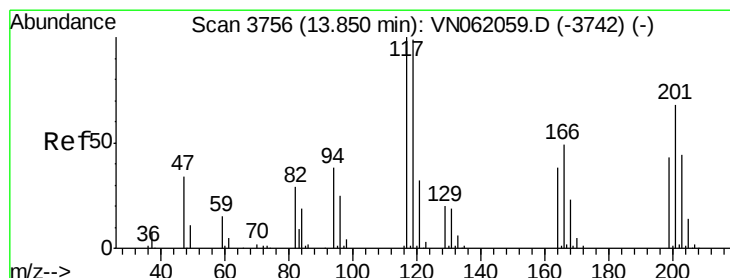
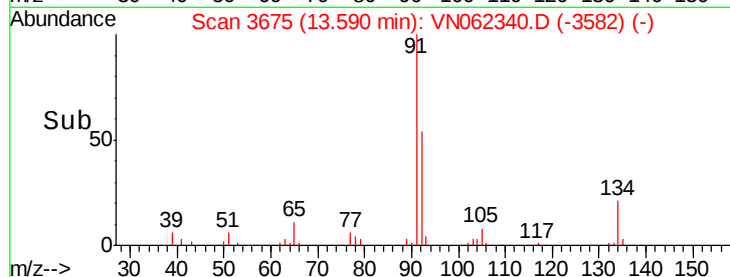
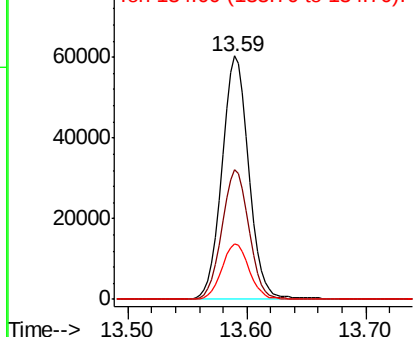
#89
n-Butylbenzene
Concen: 17.654 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 94434
Ion Ratio Lower Upper
91 100
92 53.6 26.6 79.7
134 23.0 12.3 36.9

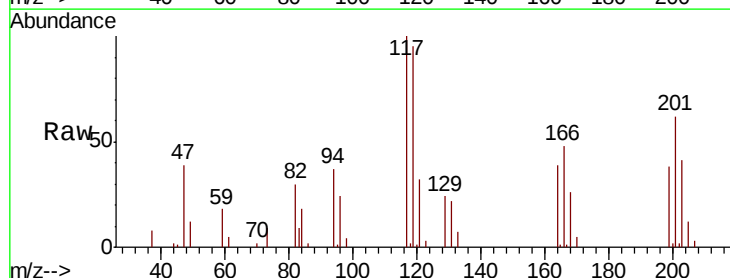


Abundance Ion 91.00 (90.70 to 91.70): VN062340.D (-3661) (-)
Ion 92.00 (91.70 to 92.70): VN062340.D (-3661) (-)
Ion 134.00 (133.70 to 134.70): VN062340.D (-3661) (-)

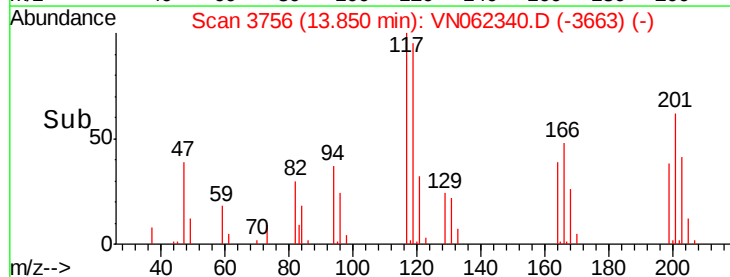
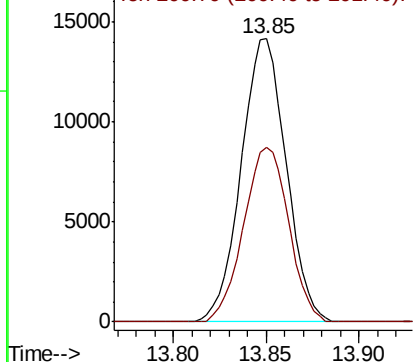


#90
Hexachloroethane
Concen: 18.863 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062340.D
Acq: 2 Jul 2020 18:06

Tgt Ion: 117 Resp: 23811
Ion Ratio Lower Upper
117 100
201 61.6 32.7 98.1



Abundance Ion 116.80 (116.50 to 117.50): VN062340.D (-3663) (-)
Ion 200.70 (200.40 to 201.40): VN062340.D (-3663) (-)





#91

1,2-Dichlorobenzene

Concen: 18.182 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

ClientSampled :

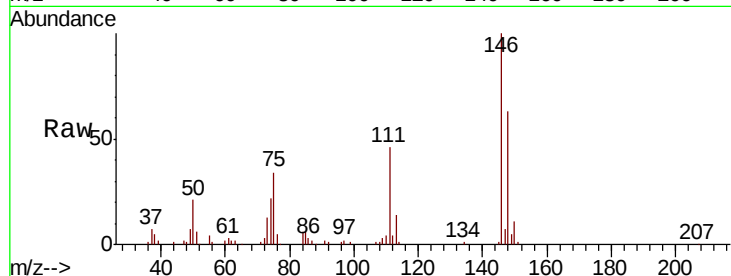
Tot Ion:146 Resp: 61576

Ion Ratio Lower Upper

146 100

111 43.5 21.2 63.6

148 63.1 31.9 95.5

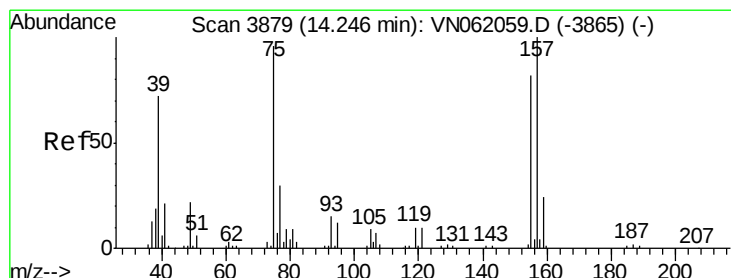
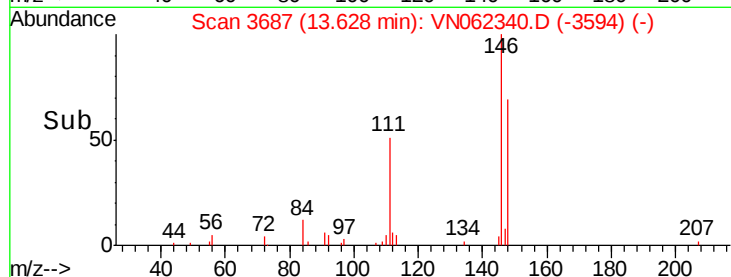
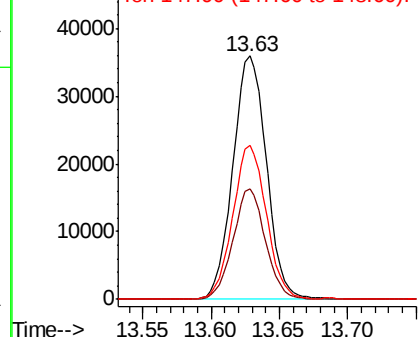


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.869 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

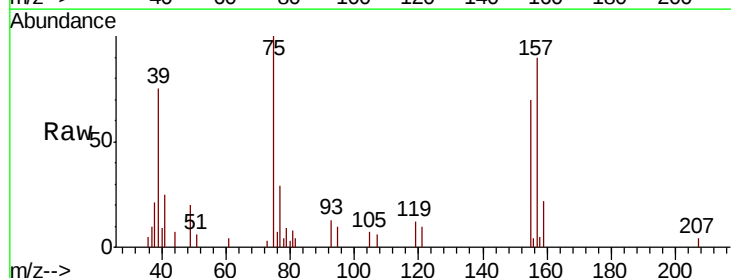
Tgt Ion: 75 Resp: 9766

Ion Ratio Lower Upper

75 100

155 67.5 40.8 122.4

157 86.4 51.4 154.3

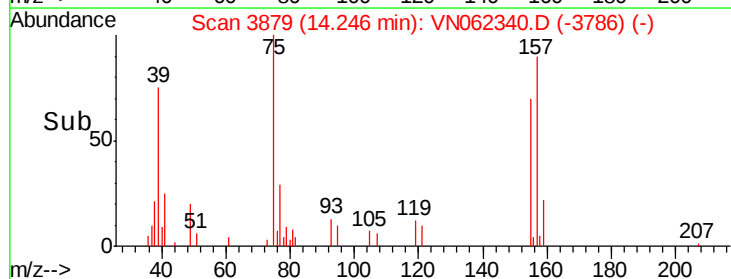
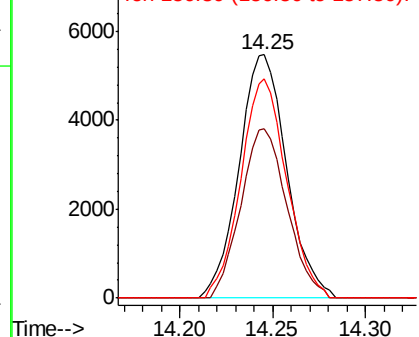


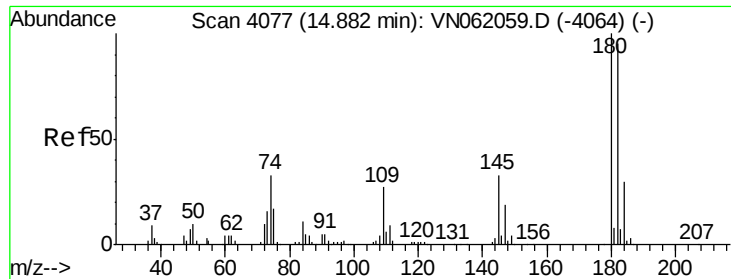
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

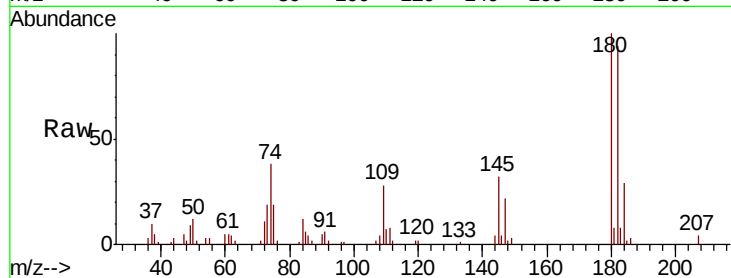




#93
 1,2,4-Trichlorobenzene
 Concen: 16.222 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	48.0	144.2
145	32.1	16.0	48.0

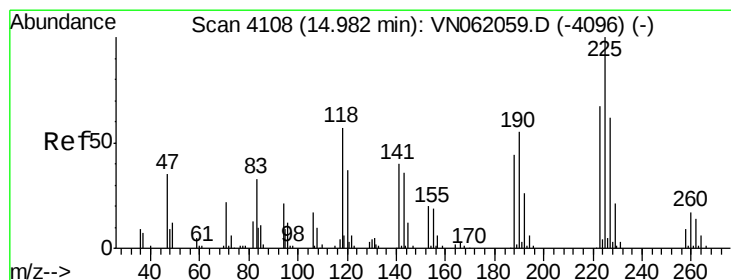
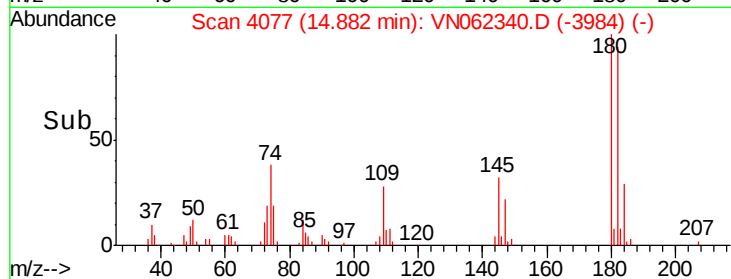
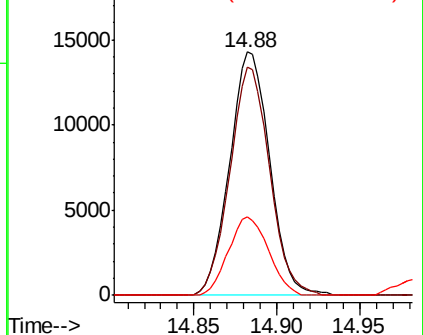


Abundance

Ion 179.80 (179.50 to 180.50): V

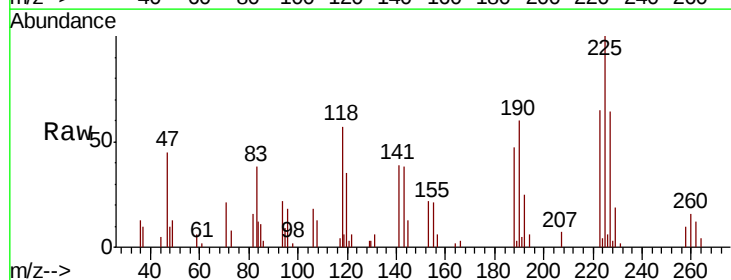
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.017 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062340.D
 Acq: 2 Jul 2020 18:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.8	32.9	98.7
227	60.1	31.3	93.8

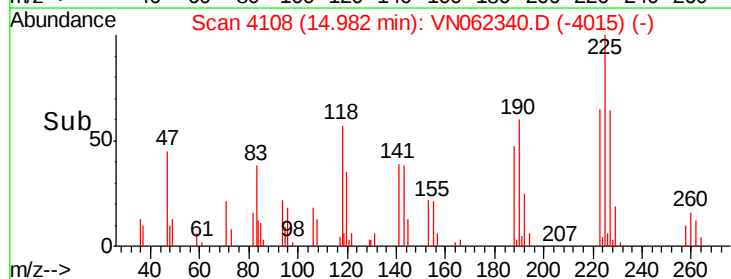
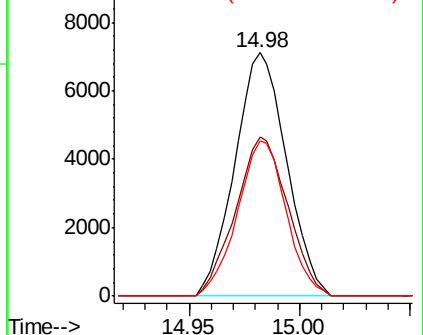


Abundance

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: 17.069 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

Instrument :

MSVOA_N

ClientSampled :

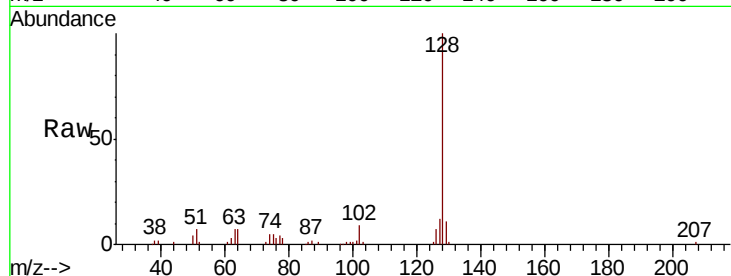
Tot Ion:128 Resp: 70094

Ion Ratio Lower Upper

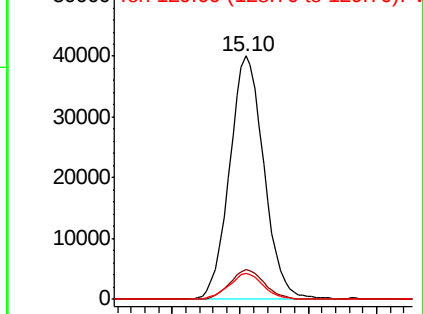
128 100

127 12.3 10.5 15.7

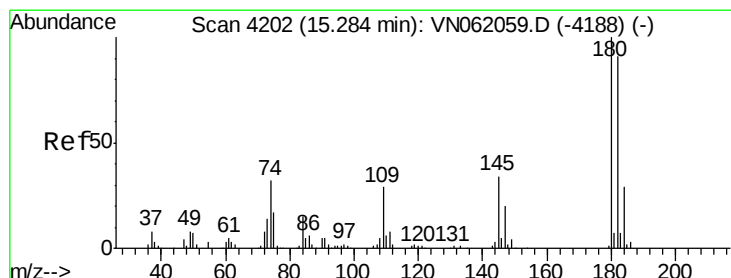
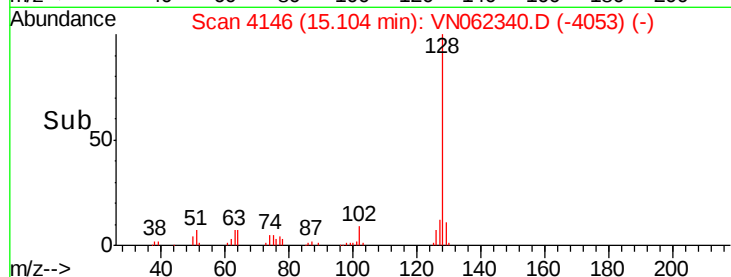
129 10.6 8.6 13.0



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



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 16.643 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062340.D

Acq: 2 Jul 2020 18:06

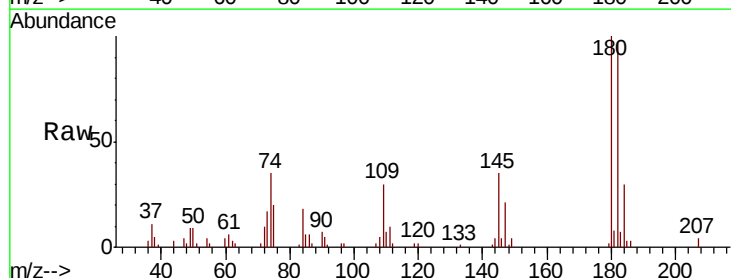
Tgt Ion:180 Resp: 25176

Ion Ratio Lower Upper

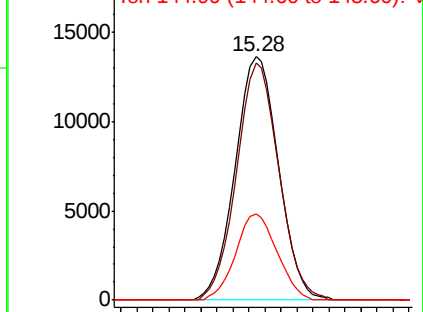
180 100

182 94.7 46.8 140.4

145 33.7 16.4 49.2



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



Time-->

