

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062079.D
 Acq On : 24 Jun 2020 22:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 25 04:32:52 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	260624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	459585	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	433994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	210118	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	175663	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
35) Dibromofluoromethane	7.55	113	140953	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
50) Toluene-d8	10.06	98	573116	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
62) 4-Bromofluorobenzene	12.38	95	198115	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	140523	47.701	ug/l	100
3) Chloromethane	2.03	50	176591	50.943	ug/l	100
4) Vinyl Chloride	2.16	62	216573	46.683	ug/l	98
5) Bromomethane	2.52	94	116418	38.828	ug/l	98
6) Chloroethane	2.66	64	152163	48.015	ug/l	98
7) Trichlorofluoromethane	2.98	101	268595	46.986	ug/l	100
8) Diethyl Ether	3.37	74	97894	49.043	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	139612	46.638	ug/l	99
10) Methyl Iodide	3.91	142	130445	38.692	ug/l	99
11) Tert butyl alcohol	4.73	59	129609	246.815	ug/l #	87
12) 1,1-Dichloroethene	3.69	96	144960	48.440	ug/l	100
13) Acrolein	3.56	56	111555	216.978	ug/l	100
14) Allyl chloride	4.27	41	199823	49.044	ug/l	99
15) Acrylonitrile	4.93	53	356192	248.913	ug/l	100
16) Acetone	3.77	43	278814	242.749	ug/l	99
17) Carbon Disulfide	4.00	76	426492	49.756	ug/l	100
18) Methyl Acetate	4.28	43	136566	46.971	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	478129	50.000	ug/l	99
20) Methylene Chloride	4.50	84	172091	51.261	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	161077	47.248	ug/l	97
22) Diisopropyl ether	5.90	45	451218	48.639	ug/l	99
23) Vinyl Acetate	5.84	43	1916598	253.046	ug/l	99
24) 1,1-Dichloroethane	5.80	63	283633	47.479	ug/l	100
25) 2-Butanone	6.79	43	439271	245.718	ug/l	99
26) 2,2-Dichloropropane	6.77	77	213782	42.945	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	184551	48.108	ug/l	97
28) Bromochloromethane	7.15	49	114967	44.356	ug/l	100
29) Tetrahydrofuran	7.17	42	294514	251.500	ug/l	99
30) Chloroform	7.33	83	291315	47.930	ug/l	99
31) Cyclohexane	7.61	56	244026	48.293	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	247595	48.305	ug/l	99
36) 1,1-Dichloropropene	7.75	75	218904	47.387	ug/l	99
37) Ethyl Acetate	6.88	43	188829	49.364	ug/l	99
38) Carbon Tetrachloride	7.73	117	212203	48.724	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	248958	49.186	ug/l	98
40) Benzene	8.00	78	676190	48.025	ug/l	99
41) Methacrylonitrile	7.17	41	269907	152.199	ug/l #	14
42) 1,2-Dichloroethane	8.08	62	228060	47.941	ug/l	99
43) Isopropyl Acetate	8.13	43	315098	50.531	ug/l	100
44) Trichloroethene	8.80	130	167168	47.066	ug/l	99
45) 1,2-Dichloropropane	9.08	63	171719	49.435	ug/l	100
46) Dibromomethane	9.17	93	114435	48.590	ug/l	99
47) Bromodichloromethane	9.37	83	235006	49.419	ug/l	97
48) Methyl methacrylate	9.17	41	142212	50.864	ug/l	99
49) 1,4-Dioxane	9.17	88	64568	1041.369	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	948052	260.221	ug/l	100
52) Toluene	10.12	92	434219	50.543	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	256898	49.104	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	280456	50.351	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	167157	49.498	ug/l	99
56) Ethyl methacrylate	10.40	69	240765	53.423	ug/l	99
57) 1,3-Dichloropropane	10.68	76	290777	50.024	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	428879	225.221	ug/l	100
59) 2-Hexanone	10.72	43	700407	266.234	ug/l	100
60) Dibromochloromethane	10.87	129	181309	50.711	ug/l	97
61) 1,2-Dibromoethane	10.98	107	171865	49.529	ug/l	99
64) Tetrachloroethene	10.60	164	139662	47.110	ug/l	98
65) Chlorobenzene	11.41	112	459222	48.184	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	159718	48.464	ug/l	98
67) Ethyl Benzene	11.48	91	819243	50.897	ug/l	100
68) m/p-Xylenes	11.60	106	635773	102.122	ug/l	99
69) o-Xylene	11.92	106	305720	52.046	ug/l	99
70) Styrene	11.94	104	520900	53.173	ug/l	100
71) Bromoform	12.10	173	121223	51.735	ug/l #	96
73) Isopropylbenzene	12.22	105	800152	49.195	ug/l	100
74) N-amyl acetate	12.05	43	286242	47.955	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	254415	47.005	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	313797	63.440	ug/l #	100
77) Bromobenzene	12.50	156	188082	46.578	ug/l	97
78) n-propylbenzene	12.57	91	928356	49.899	ug/l	100
79) 2-Chlorotoluene	12.65	91	546639	48.602	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	664106	50.368	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	80118	47.302	ug/l	99
82) 4-Chlorotoluene	12.75	91	563236	48.426	ug/l	100
83) tert-Butylbenzene	12.97	119	558657	49.509	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	675195	51.273	ug/l	99
85) sec-Butylbenzene	13.15	105	750190	50.314	ug/l	100
86) p-Isopropyltoluene	13.26	119	662781	50.737	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	340684	48.046	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	341649	46.742	ug/l	100
89) n-Butylbenzene	13.59	91	557038	51.290	ug/l	100
90) Hexachloroethane	13.85	117	121321	47.336	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	331509	48.213	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	43132	49.745	ug/l	99

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	153289	51.032	ug/l	99
94) Hexachlorobutadiene	14.98	225	61668	47.268	ug/l	100
95) Naphthalene	15.10	128	454775	45.775	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	152731	49.727	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

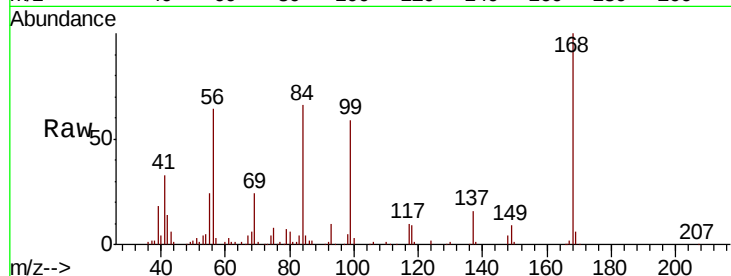
VSTDCCC050

Tot Ion:168 Resp: 260624

Ion Ratio Lower Upper

168 100

99 58.3 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

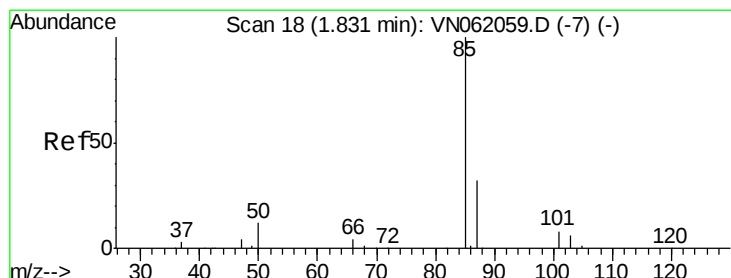
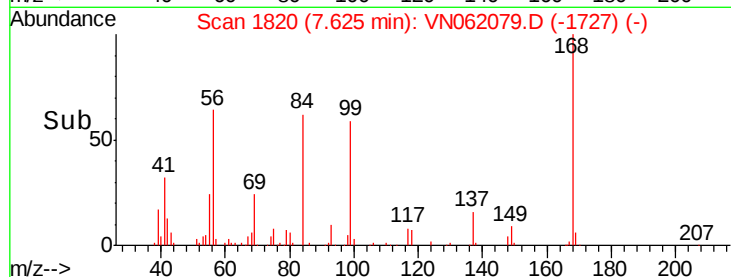
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 47.701 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062079.D

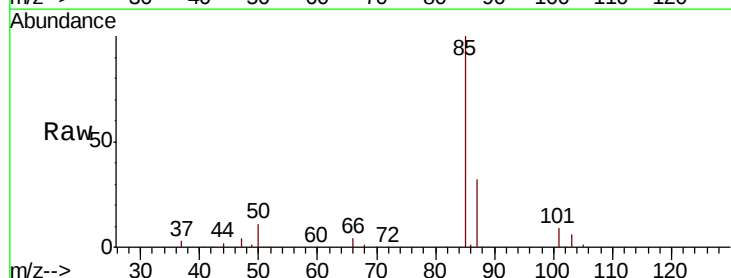
Acq: 24 Jun 2020 22:14

Tgt Ion: 85 Resp: 140523

Ion Ratio Lower Upper

85 100

87 31.9 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

120000

100000

80000

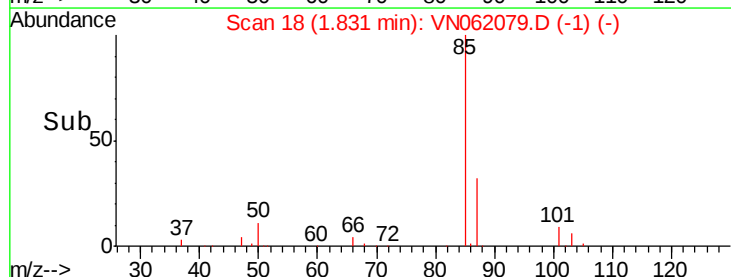
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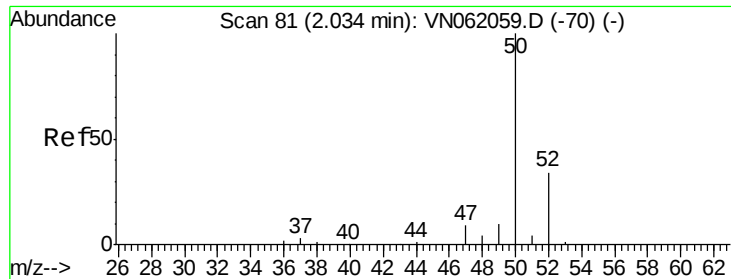
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 50.943 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

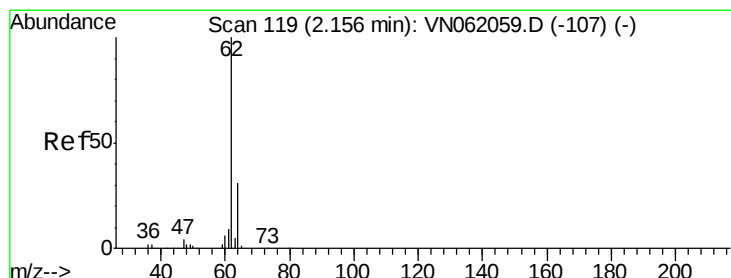
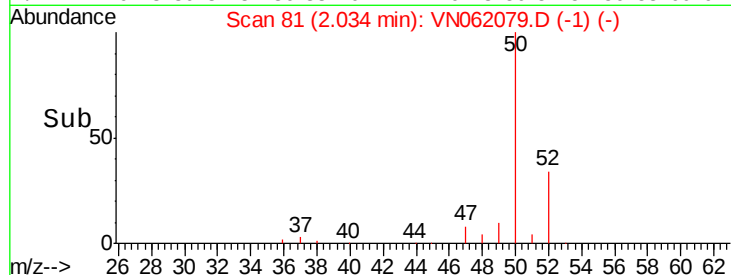
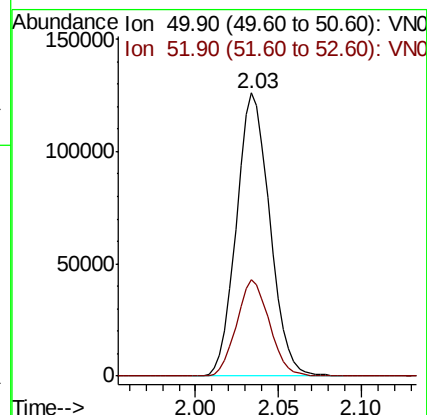
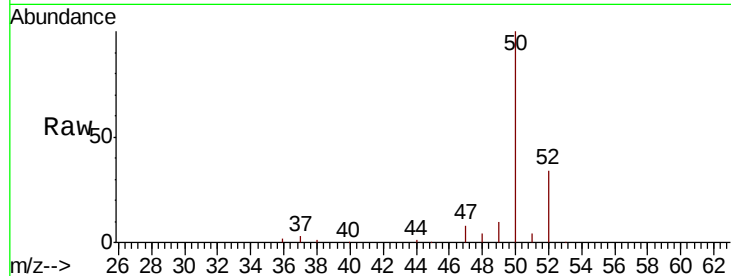
VSTDCCC050

Tot Ion: 50 Resp: 176591

Ion Ratio Lower Upper

50 100

52 33.9 27.0 40.6



#4

Vinyl Chloride

Concen: 46.683 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062079.D

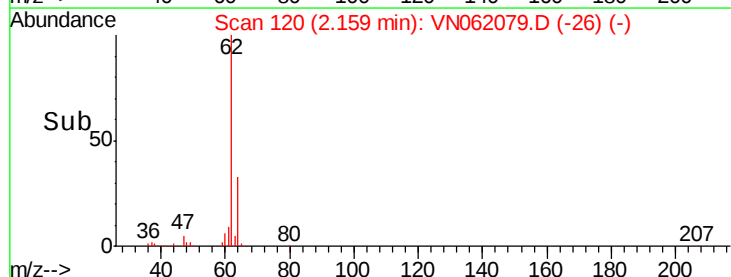
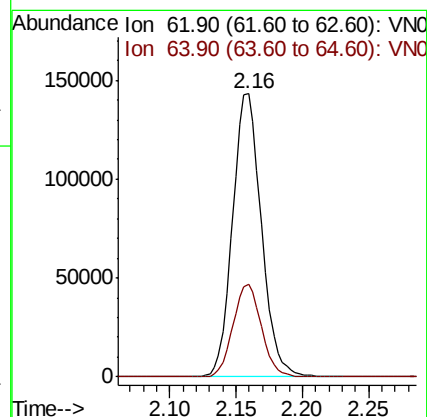
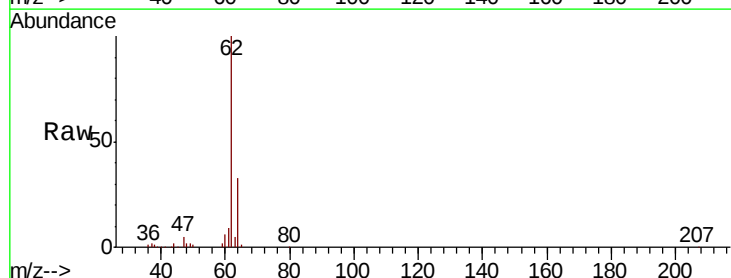
Acq: 24 Jun 2020 22:14

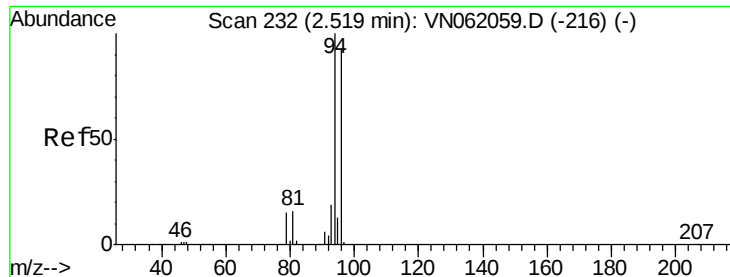
Tgt Ion: 62 Resp: 216573

Ion Ratio Lower Upper

62 100

64 32.7 25.1 37.7





#5

Bromomethane

Concen: 38.828 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

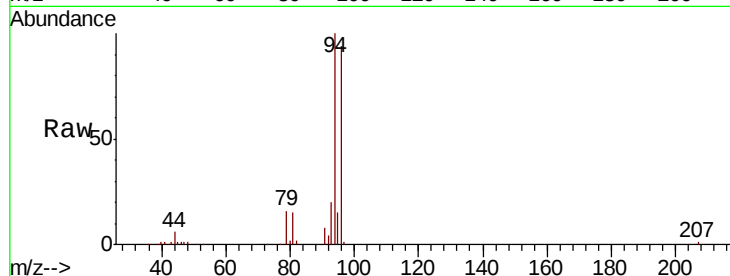
VSTDCCC050

Tot Ion: 94 Resp: 116418

Ion Ratio Lower Upper

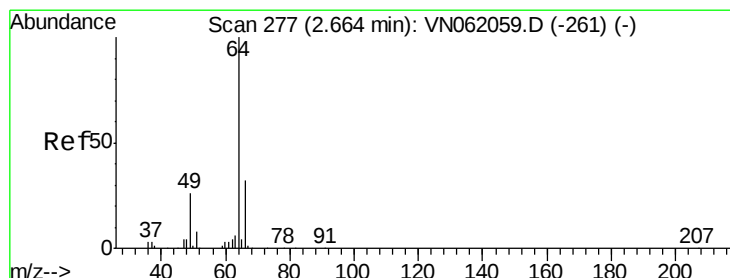
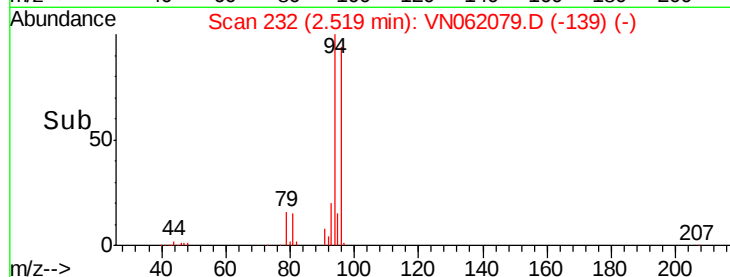
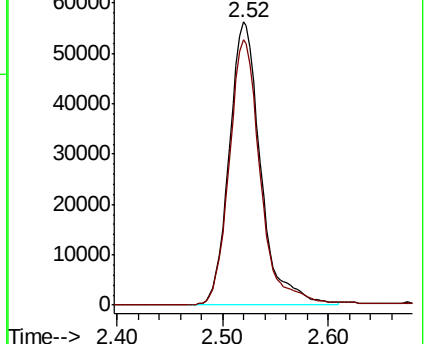
94 100

96 93.9 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN062059.D

Ion 95.90 (95.60 to 96.60): VN062059.D



#6

Chloroethane

Concen: 48.015 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN062079.D

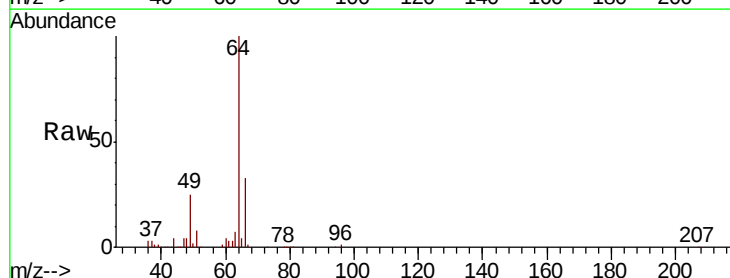
Acq: 24 Jun 2020 22:14

Tgt Ion: 64 Resp: 152163

Ion Ratio Lower Upper

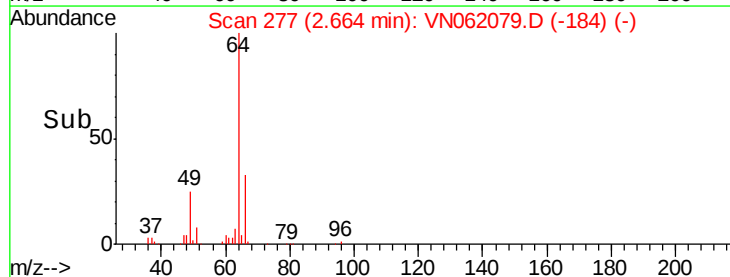
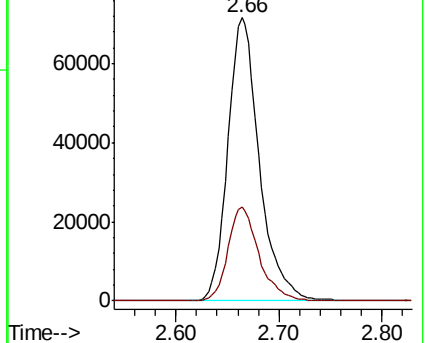
64 100

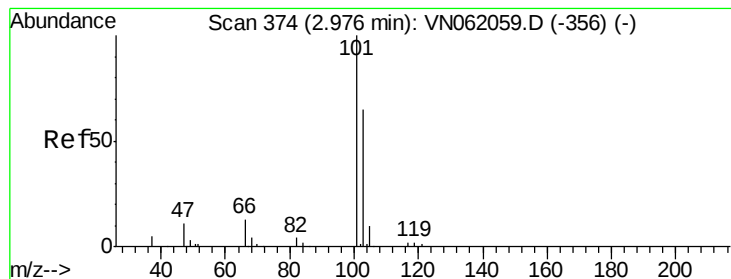
66 33.2 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN062059.D

Ion 65.90 (65.60 to 66.60): VN062059.D



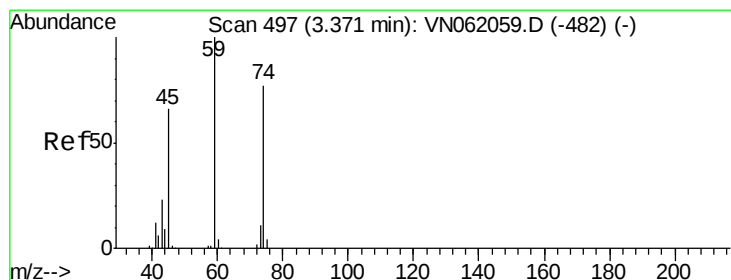
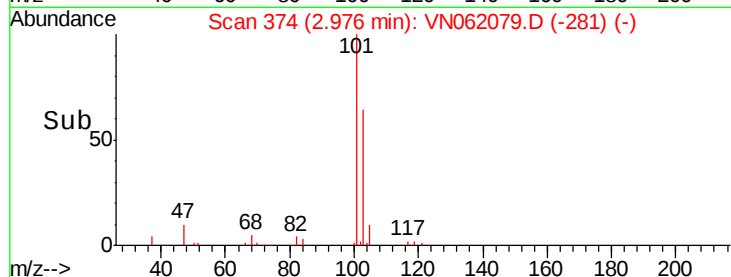
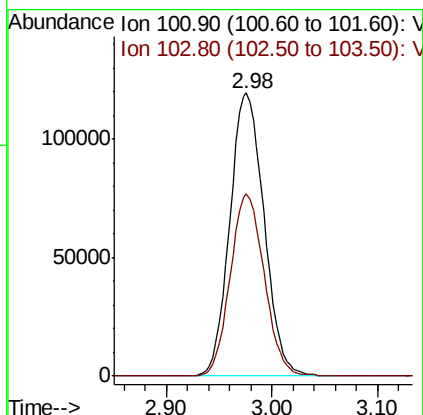
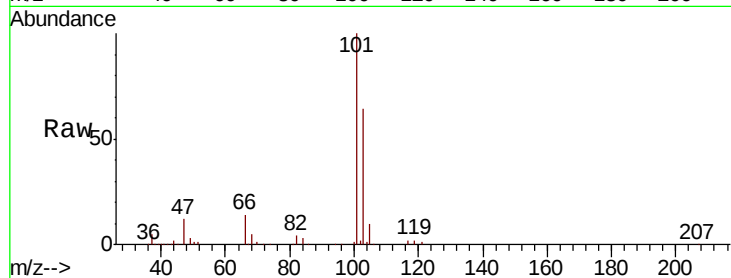


#7

Trichlorofluoromethane
 Concen: 46.986 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062079.D
 Acq: 24 Jun 2020 22:14

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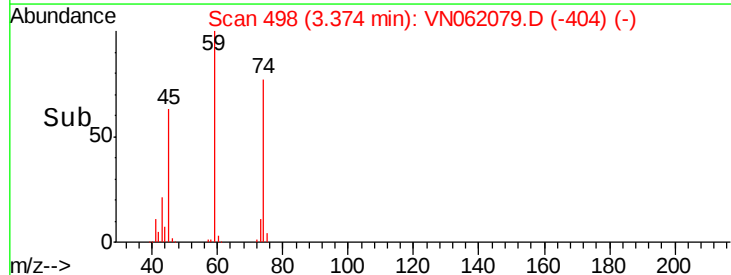
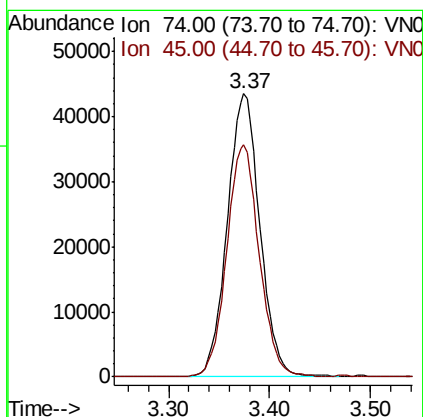
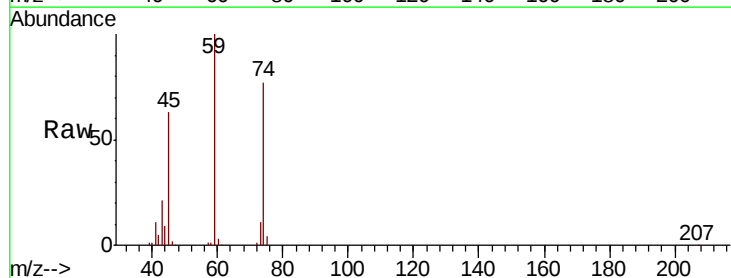
Tot Ion:101 Resp: 268595
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.8 77.6

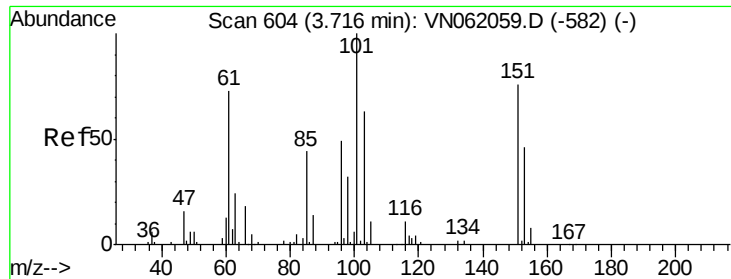


#8

Diethyl Ether
 Concen: 49.043 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062079.D
 Acq: 24 Jun 2020 22:14

Tgt Ion: 74 Resp: 97894
 Ion Ratio Lower Upper
 74 100
 45 81.9 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.638 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

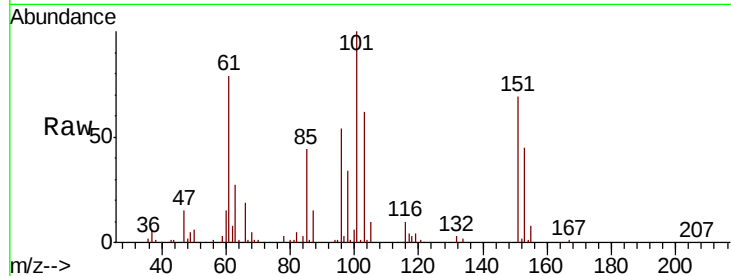
Tot Ion:101 Resp: 139612

Ion Ratio Lower Upper

101 100

85 44.0 34.5 51.7

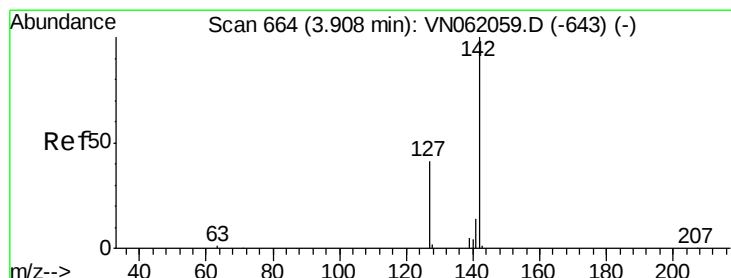
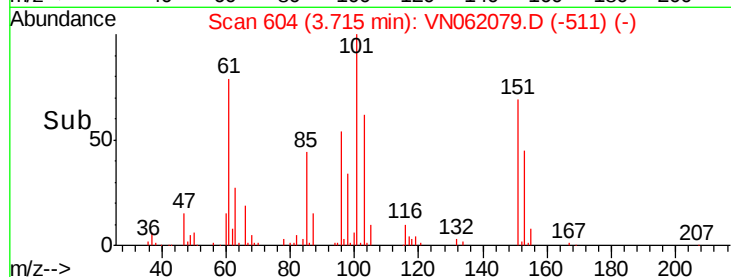
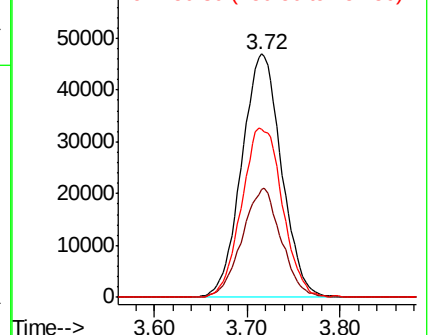
151 71.4 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 38.692 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

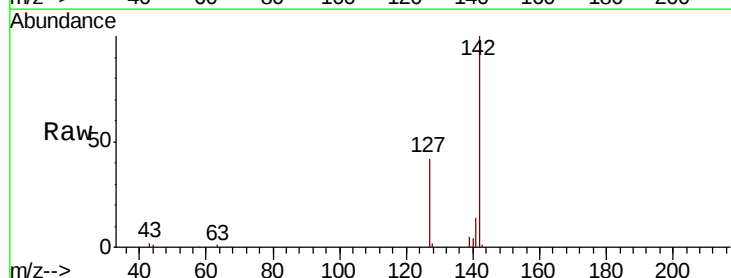
Tgt Ion:142 Resp: 130445

Ion Ratio Lower Upper

142 100

127 41.3 33.6 50.4

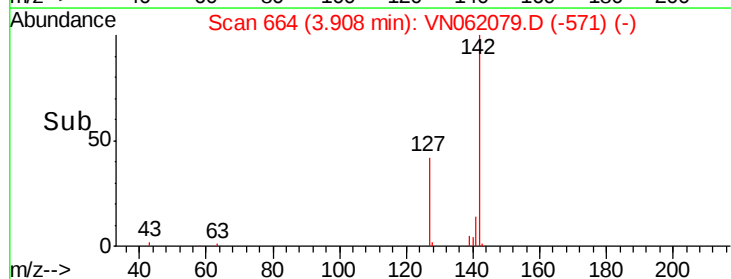
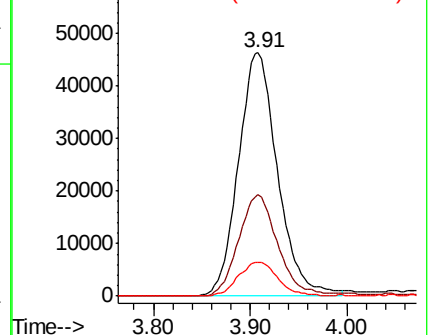
141 14.1 11.3 16.9

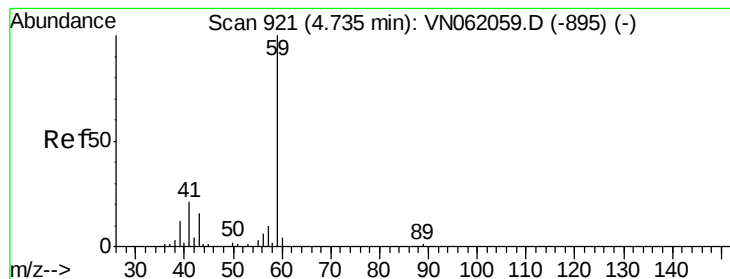


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



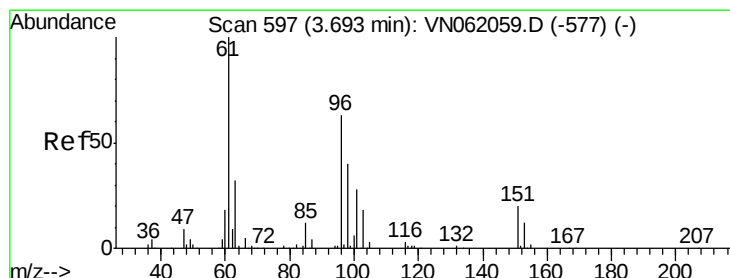
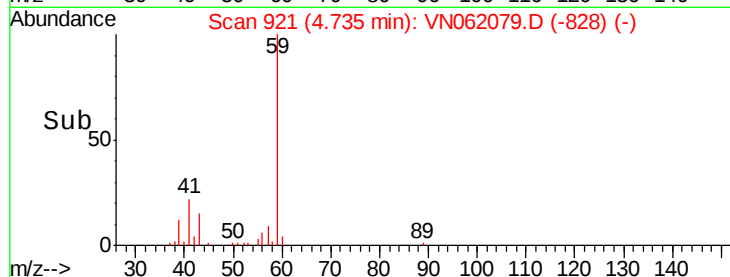
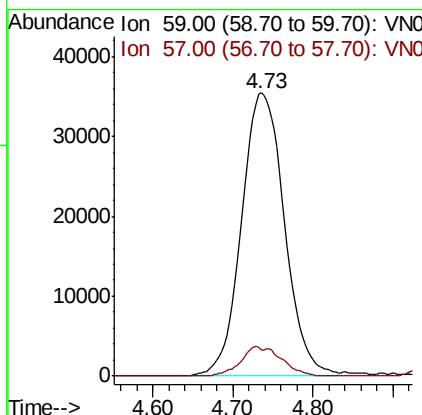
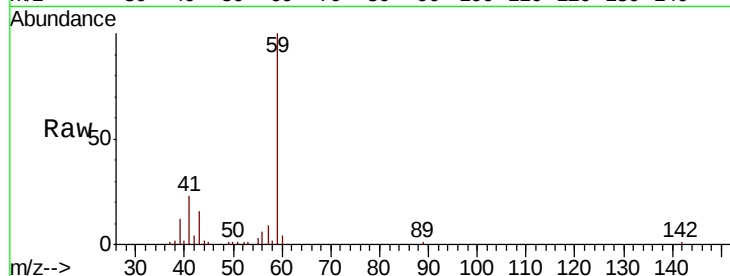


#11

Tert butyl alcohol
 Concen: 246.815 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN062079.D
 Acq: 24 Jun 2020 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

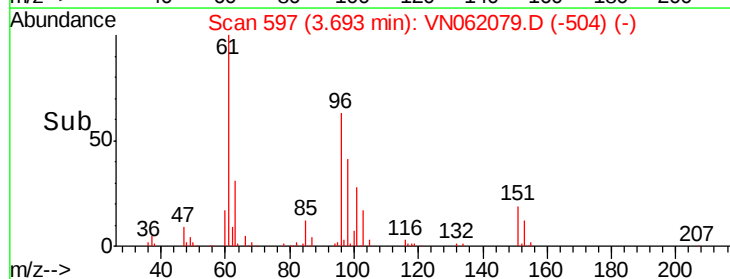
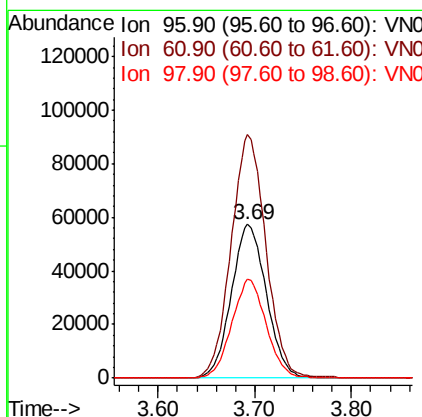
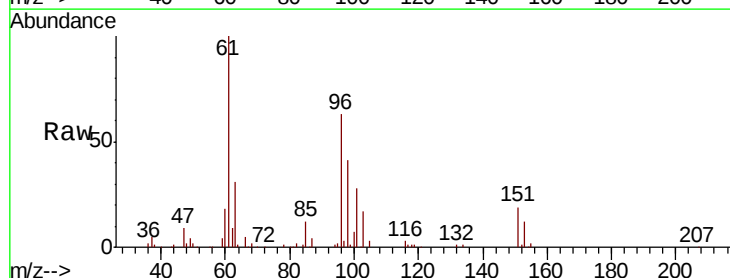
Tot Ion: 59 Resp: 129609
 Ion Ratio Lower Upper
 59 100
 57 5.4 8.3 12.5#

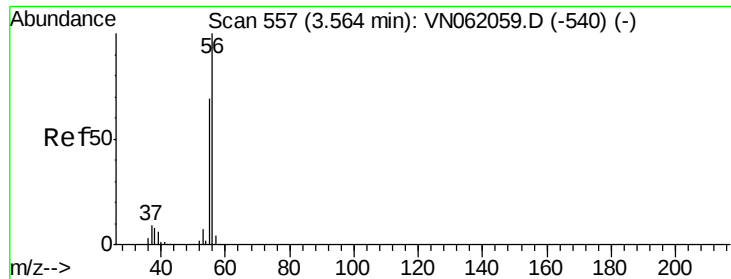


#12

1,1-Dichloroethene
 Concen: 48.440 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062079.D
 Acq: 24 Jun 2020 22:14

Tgt Ion: 96 Resp: 144960
 Ion Ratio Lower Upper
 96 100
 61 158.5 126.7 190.1
 98 64.6 51.0 76.4





#13

Acrolein

Concen: 216.978 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

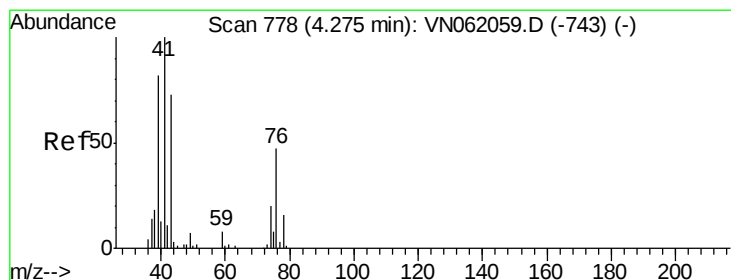
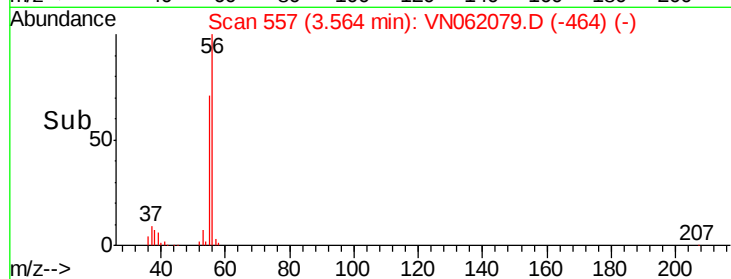
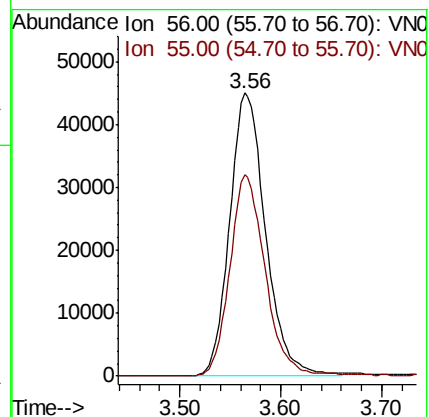
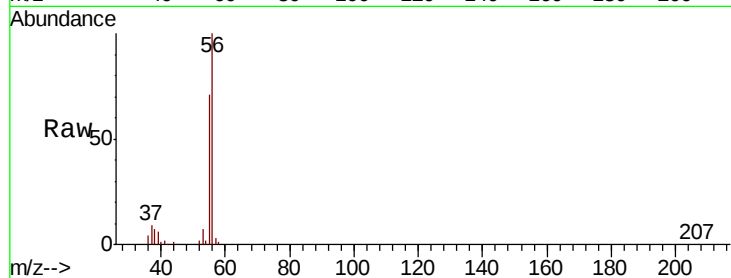
VSTDCCC050

Tot Ion: 56 Resp: 111555

Ion Ratio Lower Upper

56 100

55 69.3 55.5 83.3



#14

Allyl chloride

Concen: 49.044 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

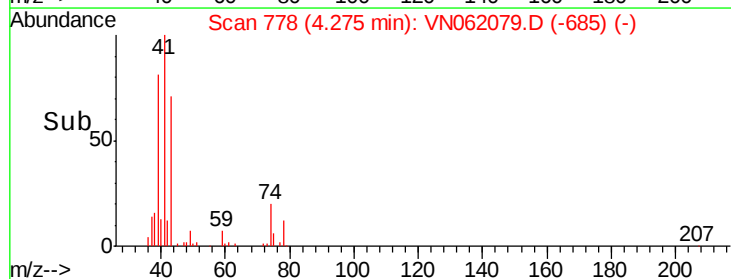
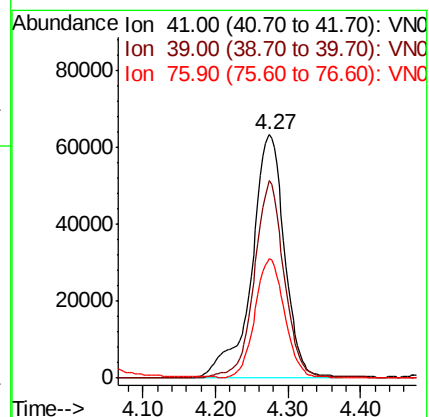
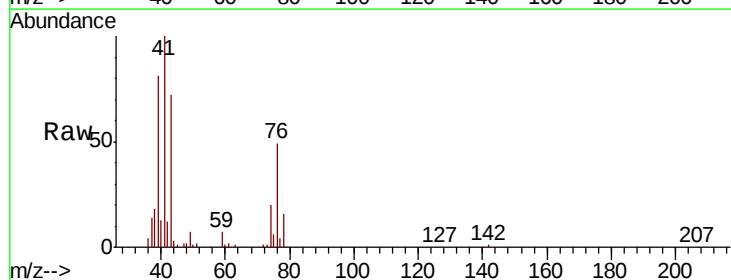
Tgt Ion: 41 Resp: 199823

Ion Ratio Lower Upper

41 100

39 73.5 60.0 90.0

76 43.1 34.1 51.1





#15

Acrylonitrile

Concen: 248.913 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

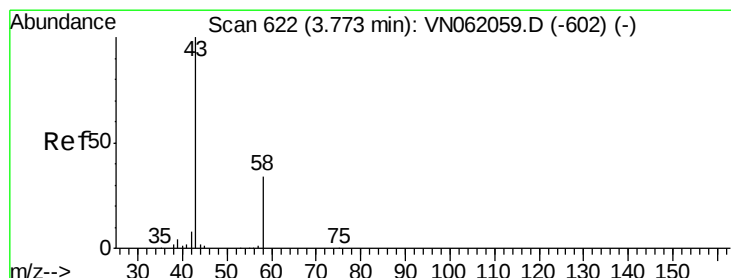
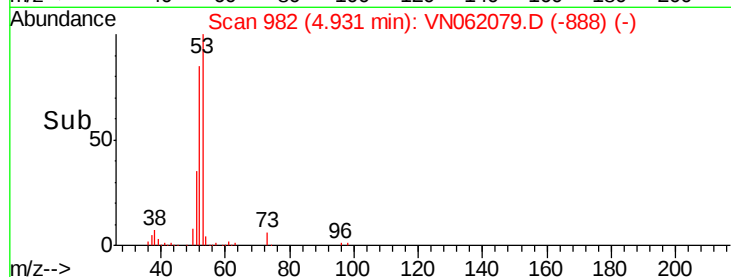
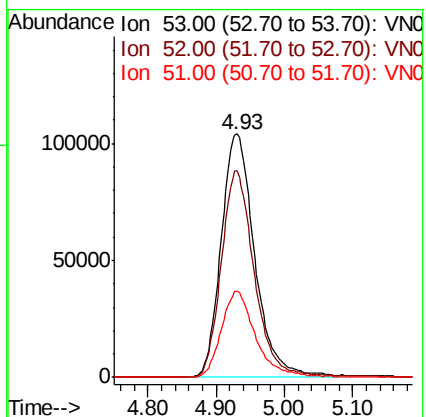
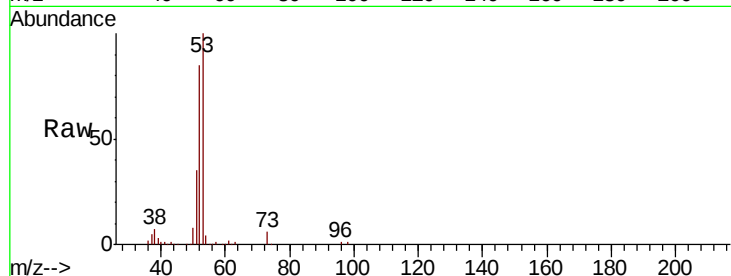
Tot Ion: 53 Resp: 356192

Ion Ratio Lower Upper

53 100

52 83.1 66.2 99.4

51 36.0 28.9 43.3



#16

Acetone

Concen: 242.749 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN062079.D

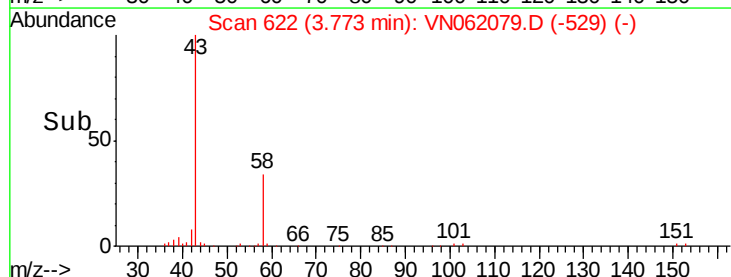
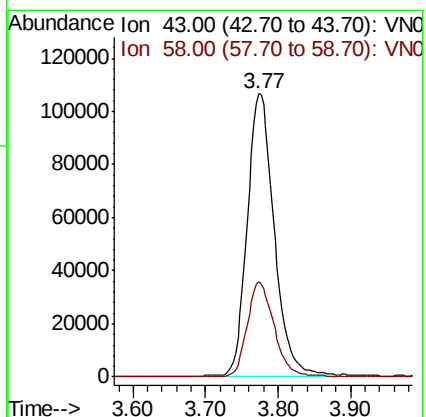
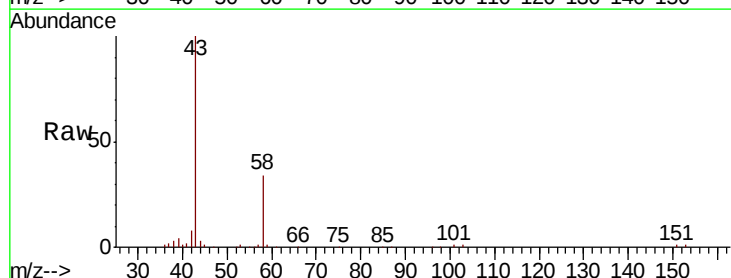
Acq: 24 Jun 2020 22:14

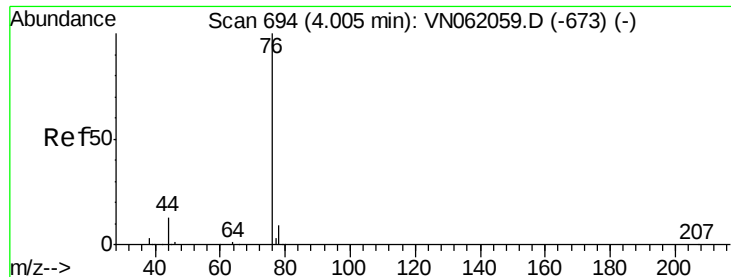
Tgt Ion: 43 Resp: 278814

Ion Ratio Lower Upper

43 100

58 33.8 27.5 41.3





#17

Carbon Disulfide

Concen: 49.756 ug/l

RT: 4.00 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

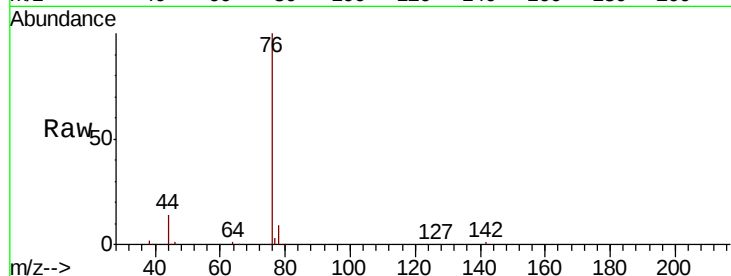
VSTDCCC050

Tot Ion: 76 Resp: 426492

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN062079.D (-600) (-)

Ion 77.90 (77.60 to 78.60): VN062079.D (-600) (-)

4.00

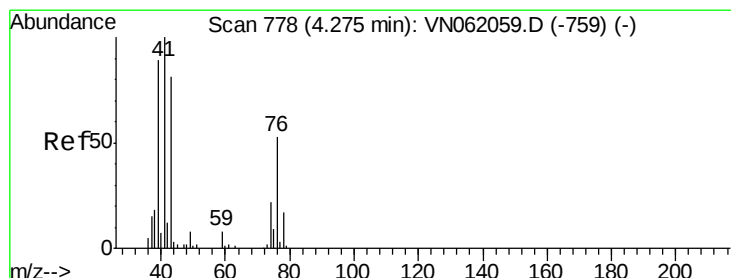
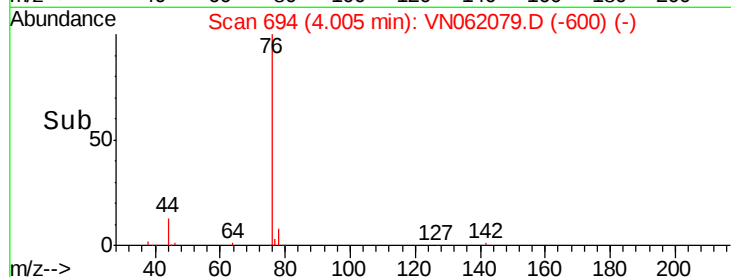
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 46.971 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062079.D

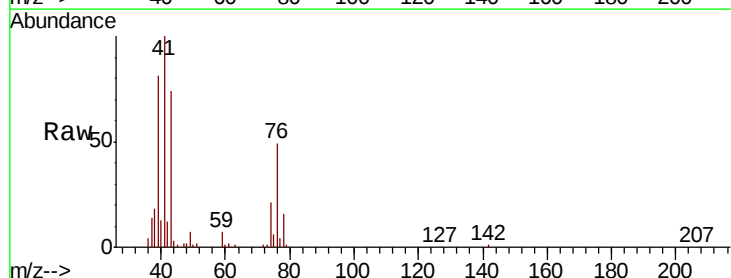
Acq: 24 Jun 2020 22:14

Tgt Ion: 43 Resp: 136566

Ion Ratio Lower Upper

43 100

74 27.8 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VN062079.D (-685) (-)

Ion 74.00 (73.70 to 74.70): VN062079.D (-685) (-)

4.28

50000

40000

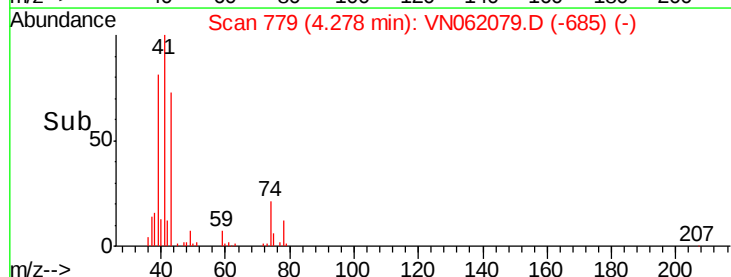
30000

20000

10000

0

Time-->



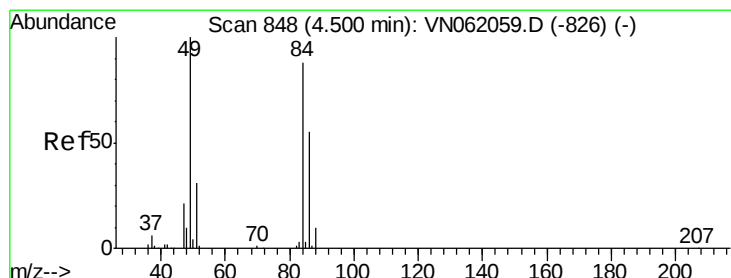
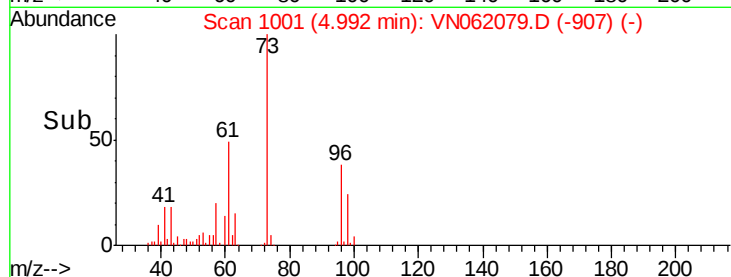
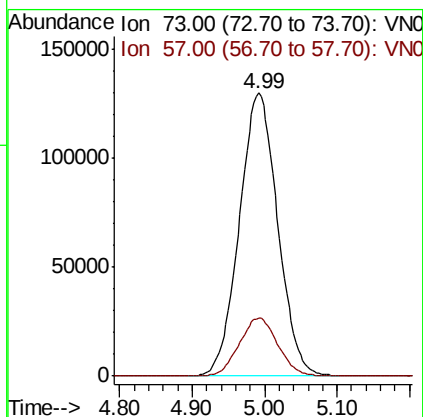
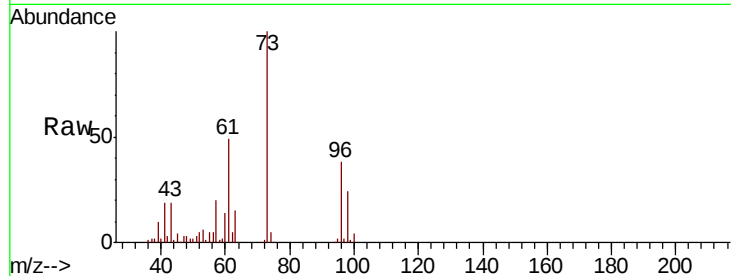


#19

Methyl tert-butyl Ether
 Concen: 50.000 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN062079.D
 Acq: 24 Jun 2020 22:14

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

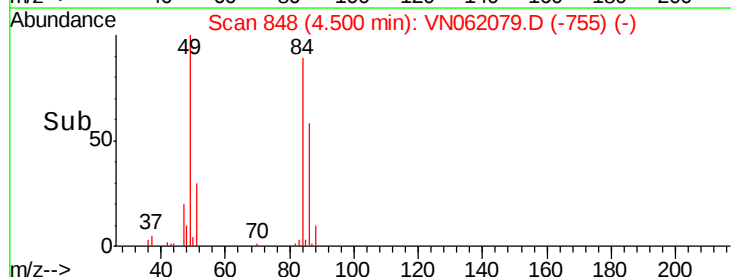
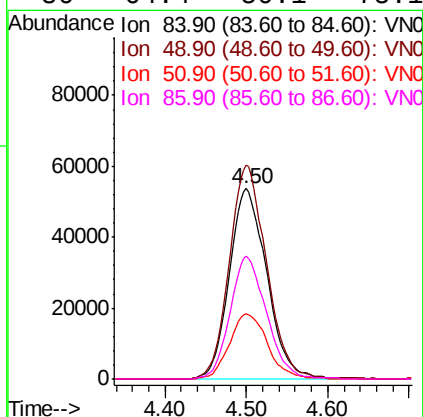
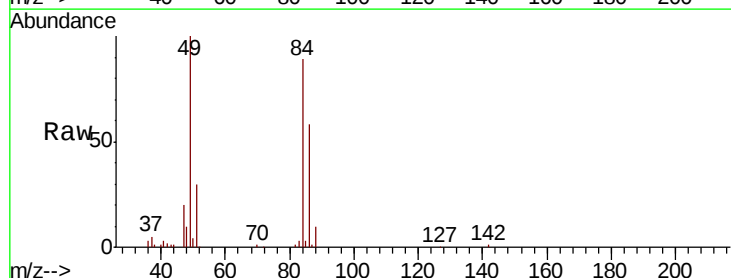
Tot Ion: 73 Resp: 478129
 Ion Ratio Lower Upper
 73 100
 57 20.4 16.6 24.8



#20

Methylene Chloride
 Concen: 51.261 ug/l
 RT: 4.50 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VN062079.D
 Acq: 24 Jun 2020 22:14

Tgt Ion: 84 Resp: 172091
 Ion Ratio Lower Upper
 84 100
 49 112.0 90.6 136.0
 51 34.1 27.8 41.8
 86 64.4 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 47.248 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

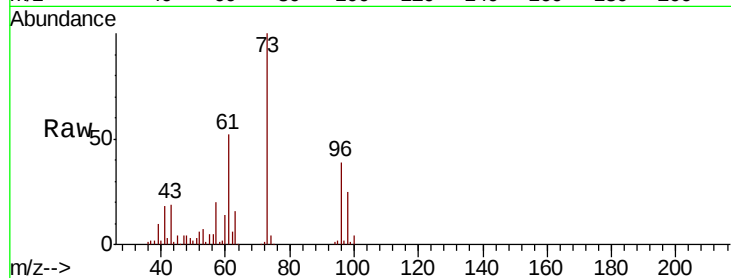
Tot Ion: 96 Resp: 161077

Ion Ratio Lower Upper

96 100

61 131.5 101.4 152.2

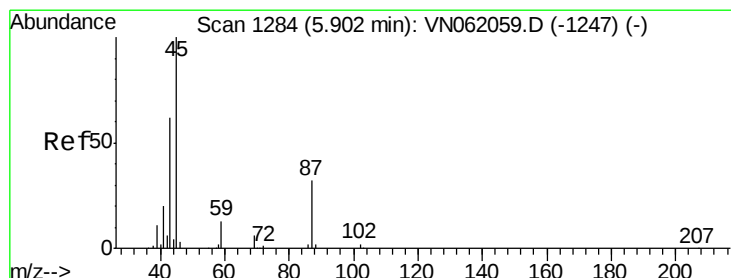
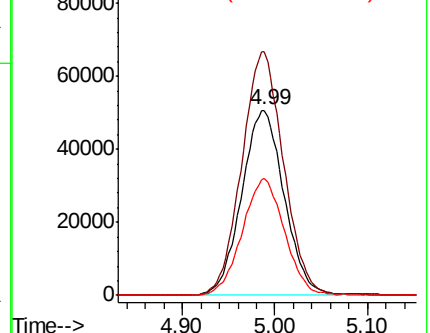
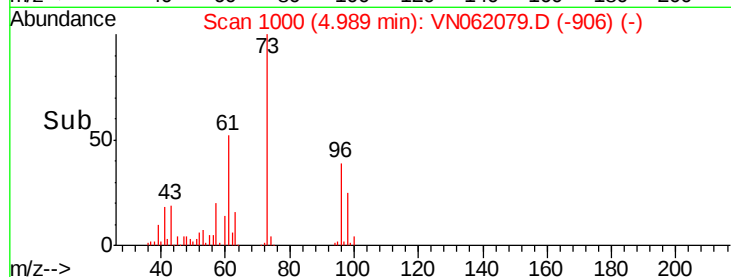
98 62.9 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VN062079.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN062079.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN062079.D (-906) (-)



#22

Diisopropyl ether

Concen: 48.639 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

Tgt Ion: 45 Resp: 451218

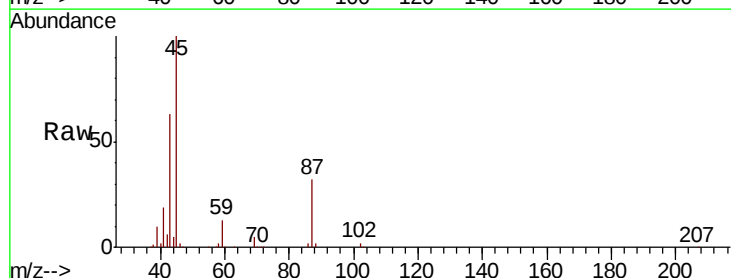
Ion Ratio Lower Upper

45 100

43 61.3 49.7 74.5

87 32.0 25.9 38.9

59 12.6 10.6 16.0

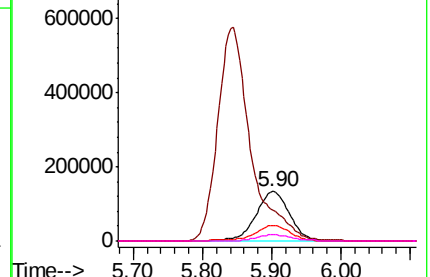
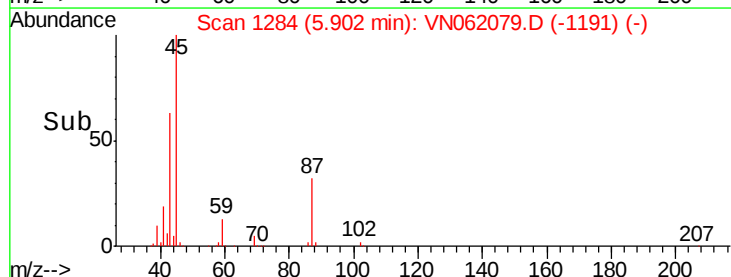


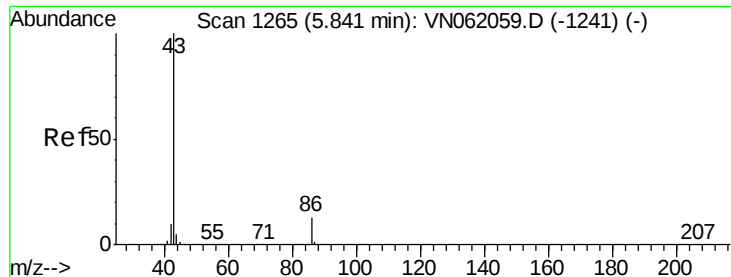
Abundance Ion 45.00 (44.70 to 45.70): VN062079.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN062079.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN062079.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN062079.D (-1191) (-)

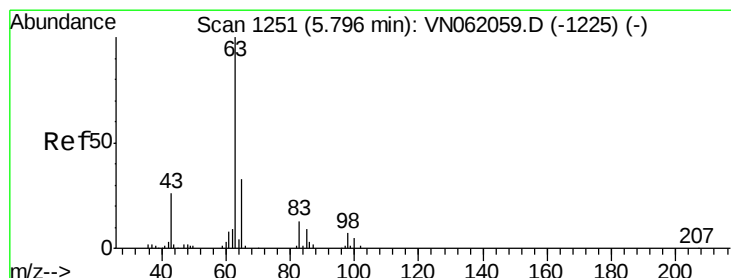
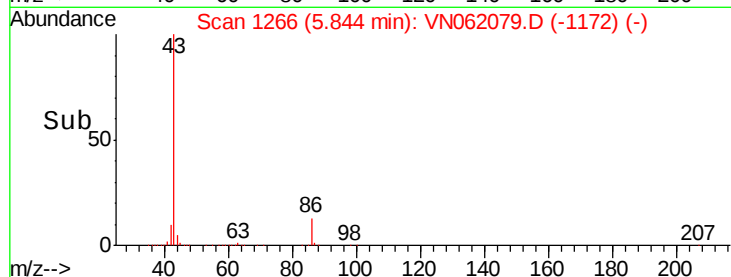
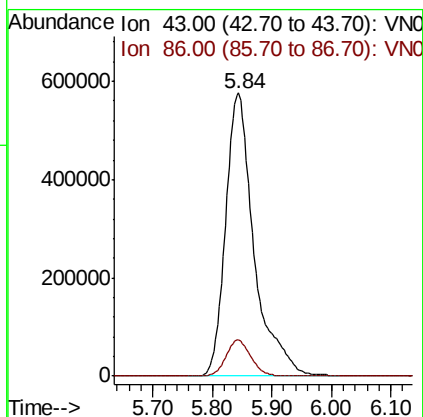
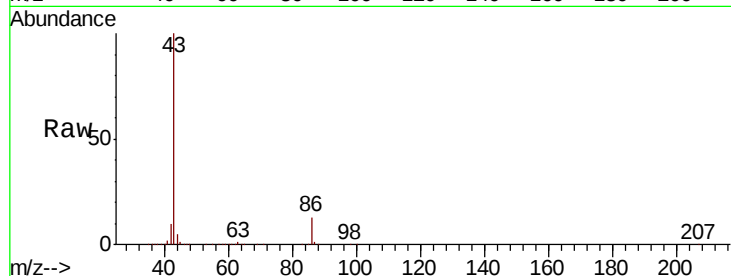




#23
 Vinyl Acetate
 Concen: 253.046 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN062079.D
 Acq: 24 Jun 2020 22:14

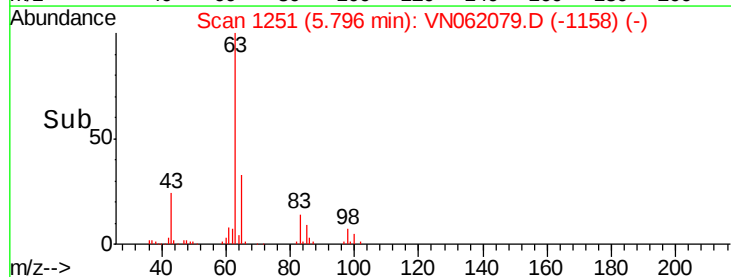
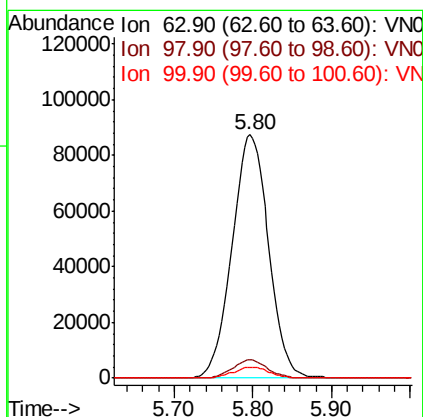
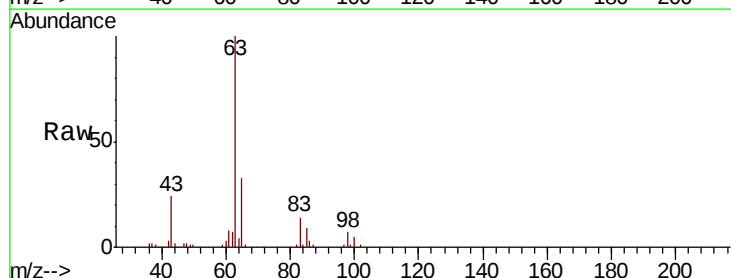
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

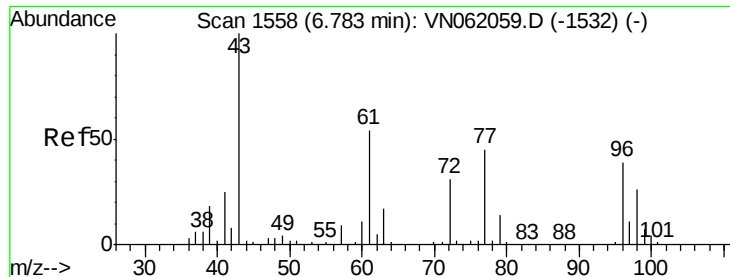
Tot Ion: 43 Resp: 1916598
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.1 15.1



#24
 1,1-Dichloroethane
 Concen: 47.479 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062079.D
 Acq: 24 Jun 2020 22:14

Tgt Ion: 63 Resp: 283633
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 4.5 2.4 7.1

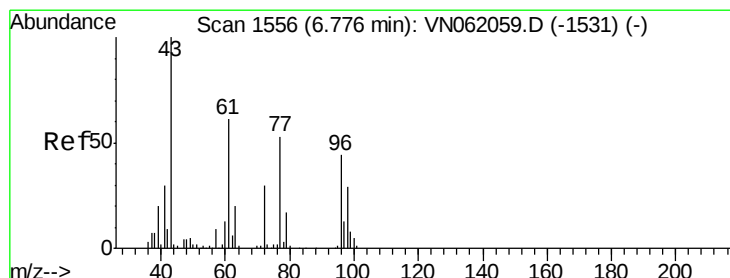
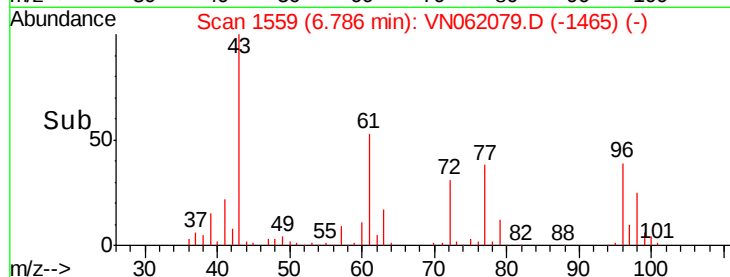
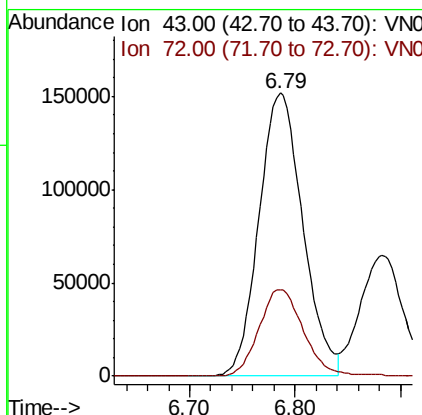
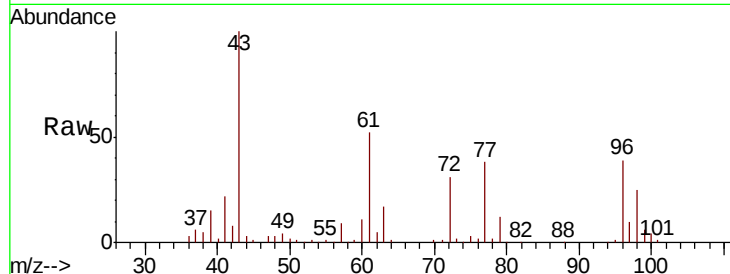




#25
2-Butanone
Concen: 245.718 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062079.D
Acq: 24 Jun 2020 22:14

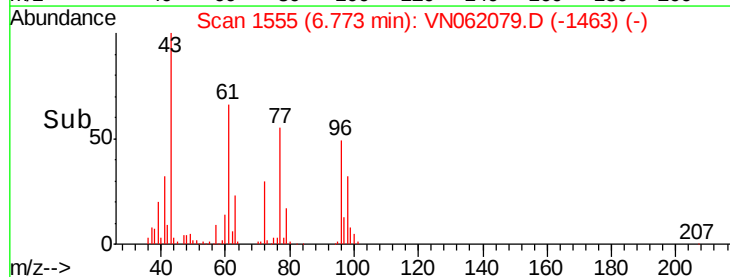
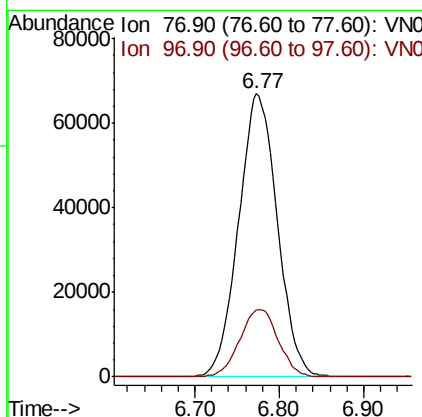
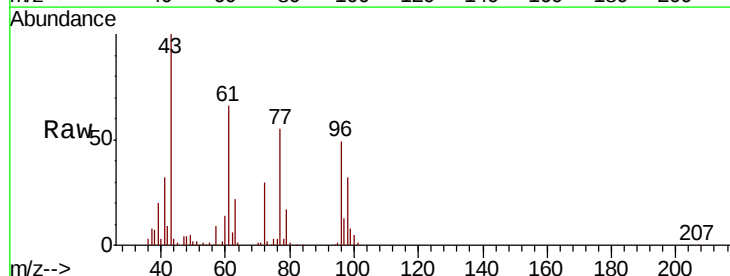
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

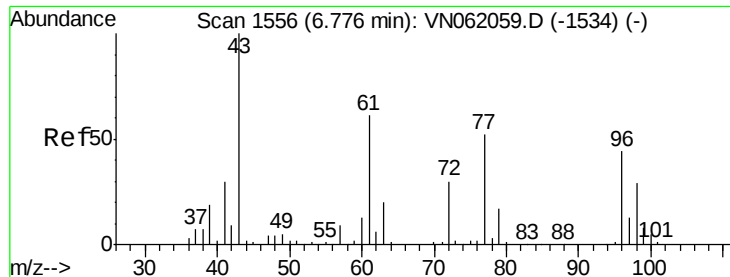
Tot Ion: 43 Resp: 439271
Ion Ratio Lower Upper
43 100
72 30.6 24.8 37.2



#26
2,2-Dichloropropane
Concen: 42.945 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062079.D
Acq: 24 Jun 2020 22:14

Tgt Ion: 77 Resp: 213782
Ion Ratio Lower Upper
77 100
97 23.6 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 48.108 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

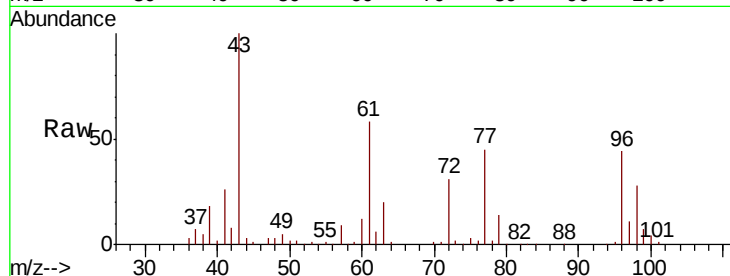
Tot Ion: 96 Resp: 184551

Ion Ratio Lower Upper

96 100

61 135.9 0.0 280.4

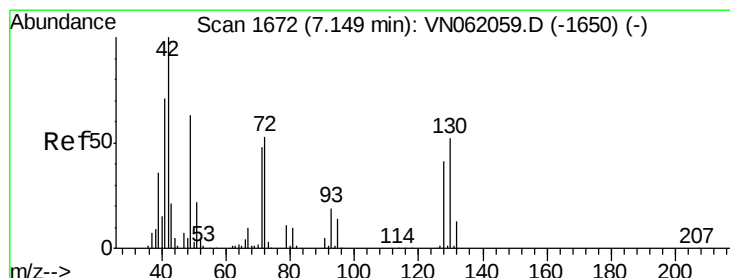
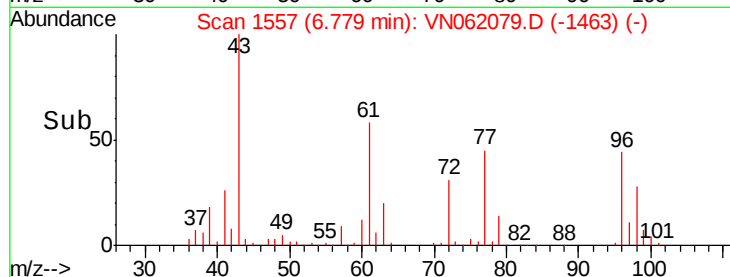
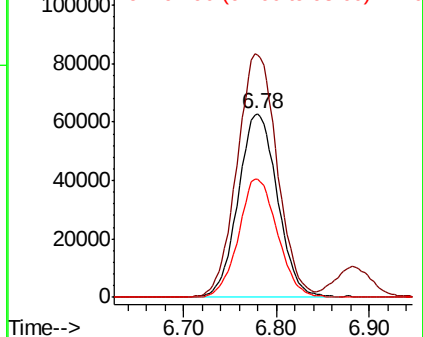
98 63.8 0.0 129.4



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



#28

Bromochloromethane

Concen: 44.356 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

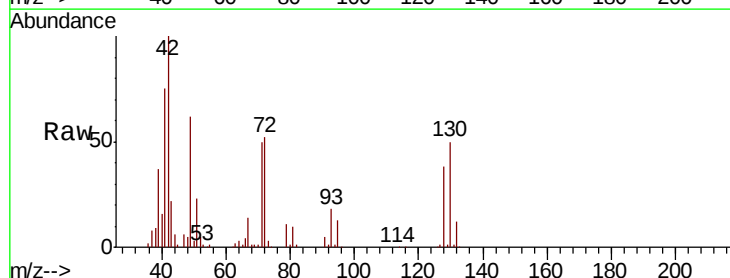
Tgt Ion: 49 Resp: 114967

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

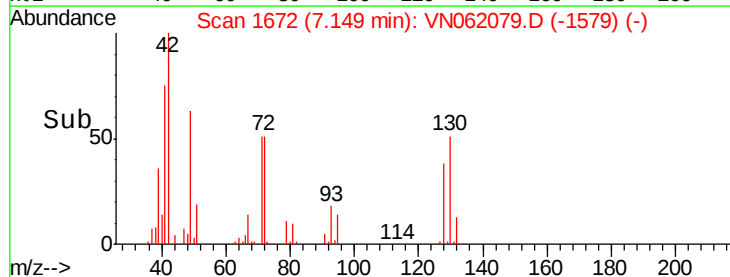
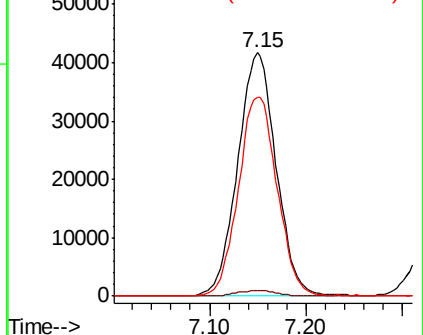
130 82.3 65.5 98.3

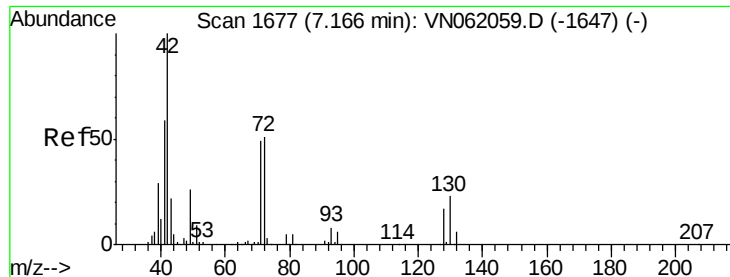


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 251.500 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

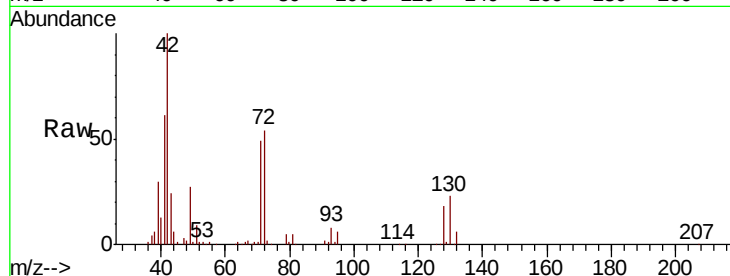
Tot Ion: 42 Resp: 294514

Ion Ratio Lower Upper

42 100

72 52.4 41.1 61.7

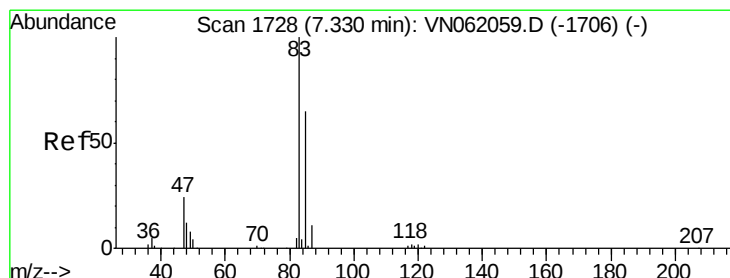
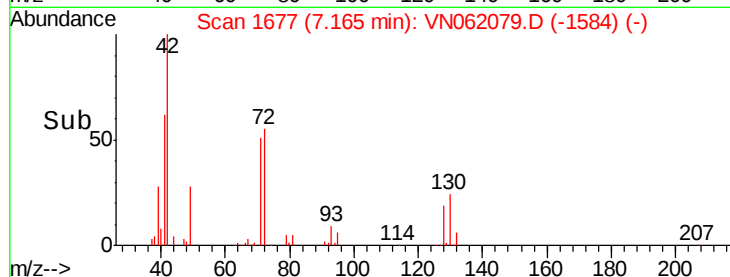
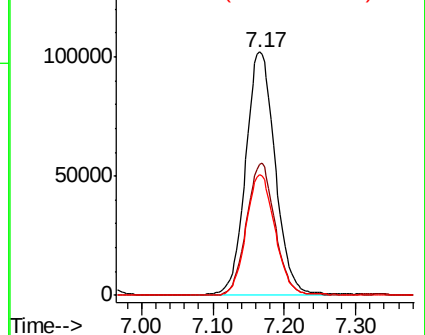
71 48.6 38.2 57.4



Abundance Ion 42.00 (41.70 to 42.70): VN062059.D (-1647) (-)

Ion 72.00 (71.70 to 72.70): VN062059.D (-1647) (-)

Ion 71.00 (70.70 to 71.70): VN062059.D (-1647) (-)



#30

Chloroform

Concen: 47.930 ug/l

RT: 7.33 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VN062079.D

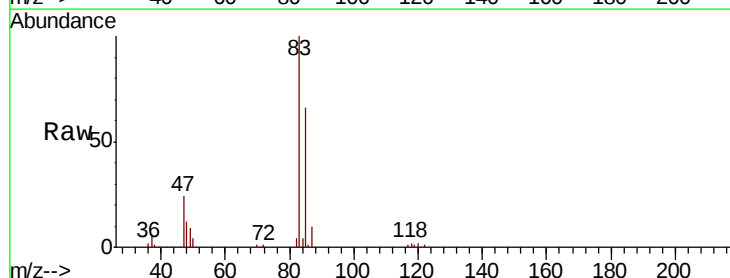
Acq: 24 Jun 2020 22:14

Tgt Ion: 83 Resp: 291315

Ion Ratio Lower Upper

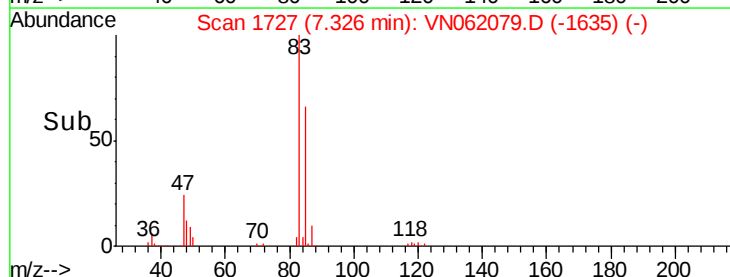
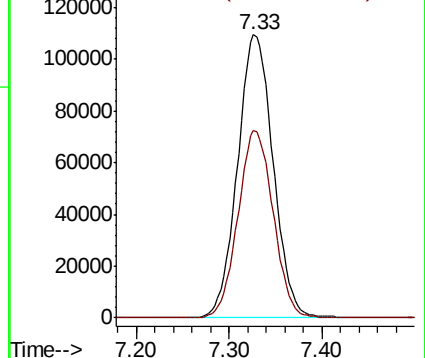
83 100

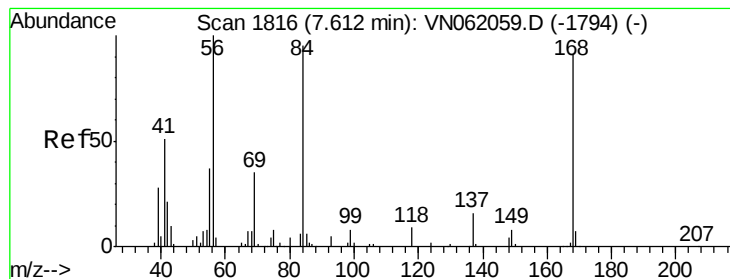
85 66.4 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN062059.D (-1706) (-)

Ion 84.90 (84.60 to 85.60): VN062059.D (-1706) (-)





#31

Cyclohexane

Concen: 48.293 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

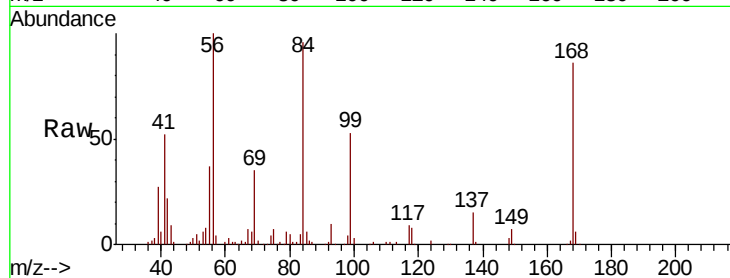
Tot Ion: 56 Resp: 244026

Ion Ratio Lower Upper

56 100

69 34.8 28.0 42.0

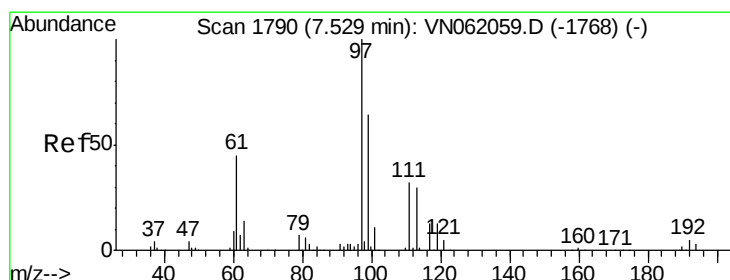
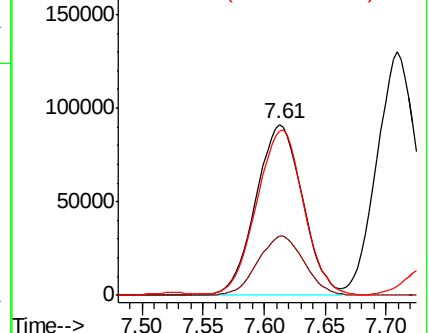
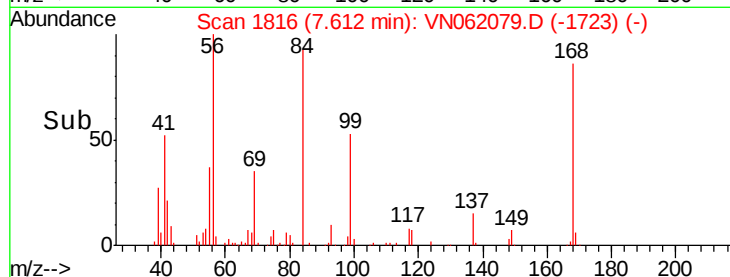
84 95.1 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VN062079.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN062079.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN062079.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 48.305 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

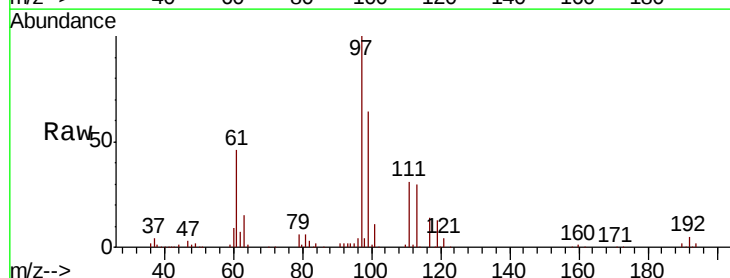
Tgt Ion: 97 Resp: 247595

Ion Ratio Lower Upper

97 100

99 64.2 51.0 76.4

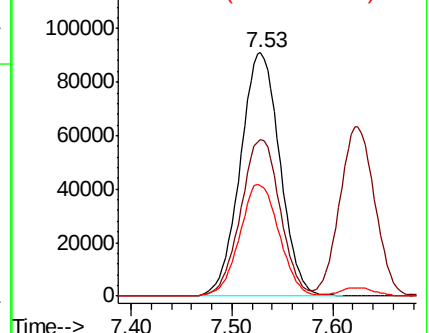
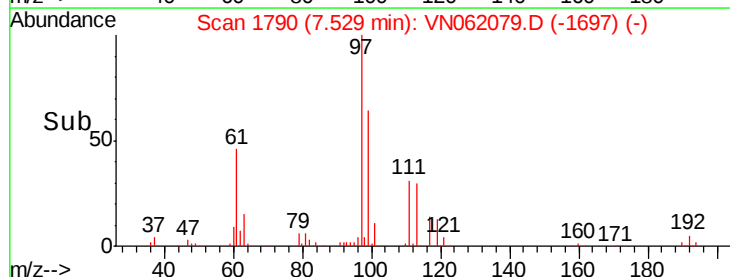
61 46.0 36.2 54.2

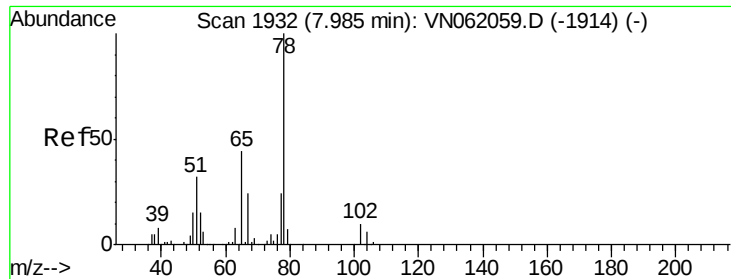


Abundance Ion 96.90 (96.60 to 97.60): VN062079.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062079.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062079.D (-1697) (-)

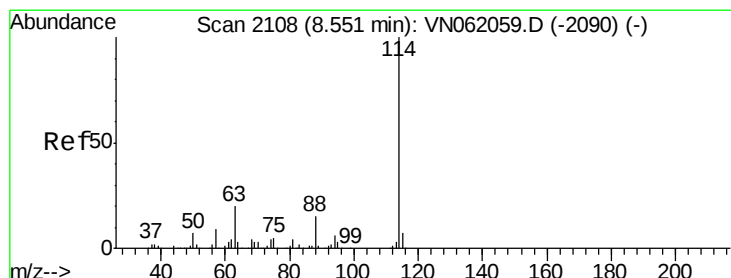
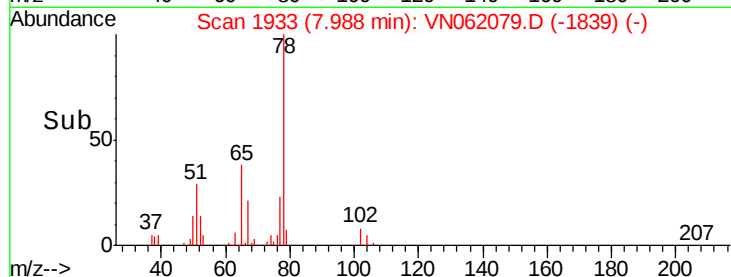
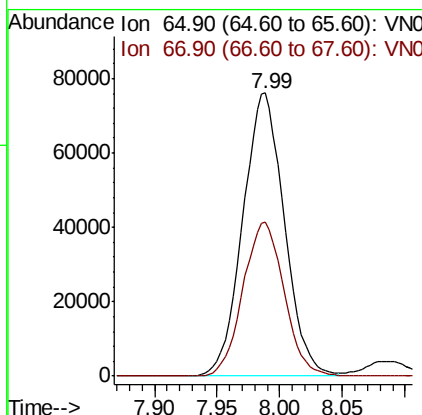
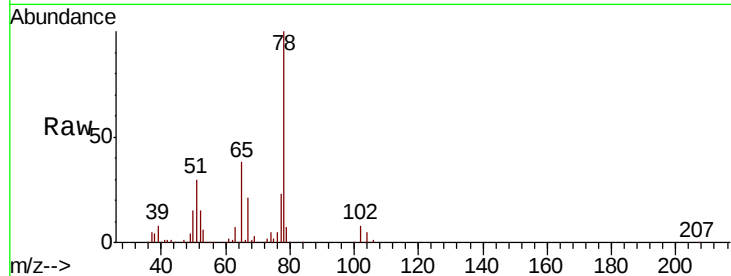




#33
 1,2-Dichloroethane-d4
 Concen: 48.029 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062079.D
 Acq: 24 Jun 2020 22:14

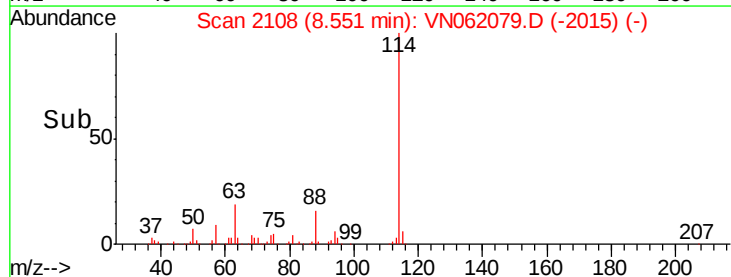
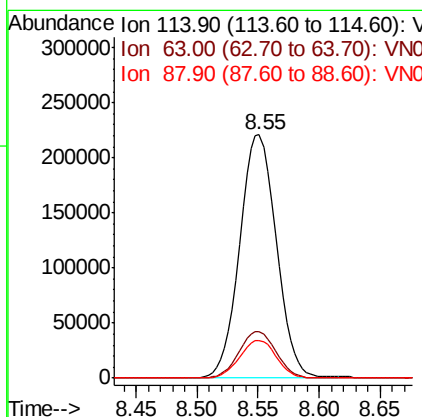
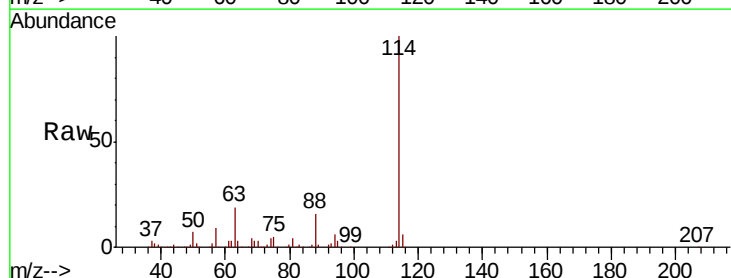
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

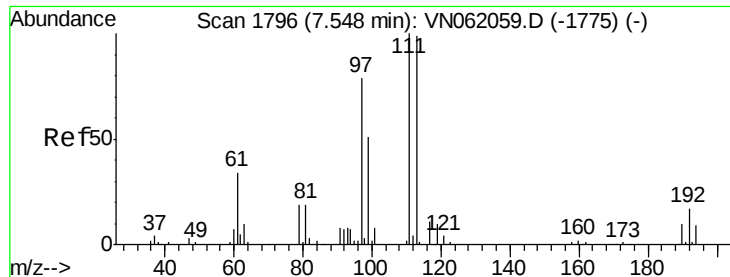
Tot Ion: 65 Resp: 175663
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062079.D
 Acq: 24 Jun 2020 22:14

Tgt Ion: 114 Resp: 459585
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.2
 88 15.5 0.0 30.8

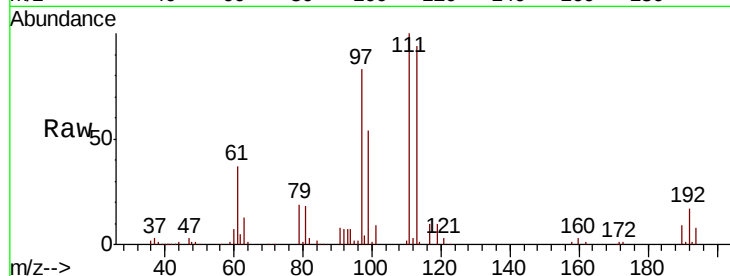




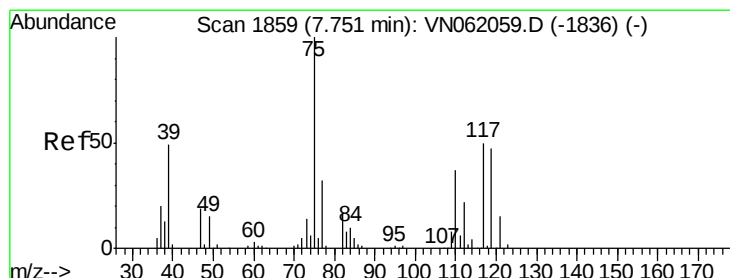
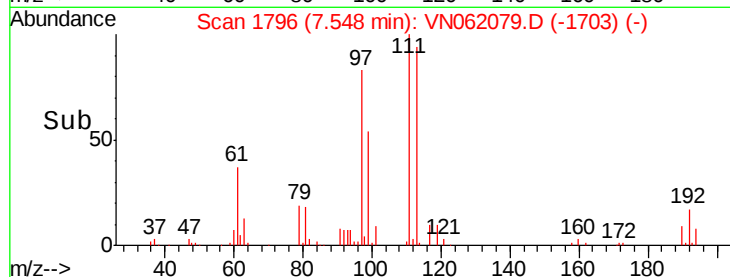
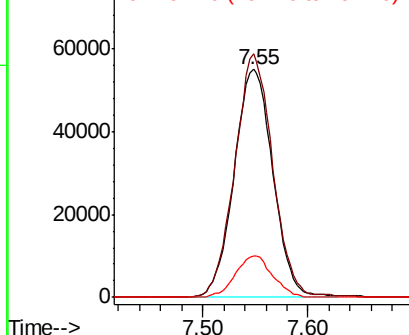
#35
 Dibromofluoromethane
 Concen: 47.806 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062079.D
 Acq: 24 Jun 2020 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.2	123.4
192	17.4	14.0	21.0

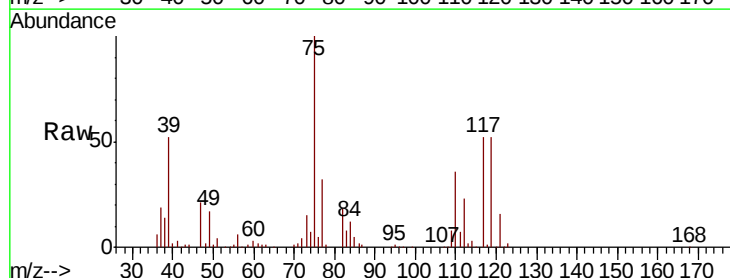


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

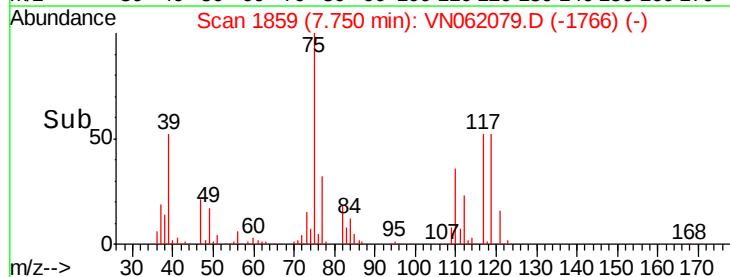
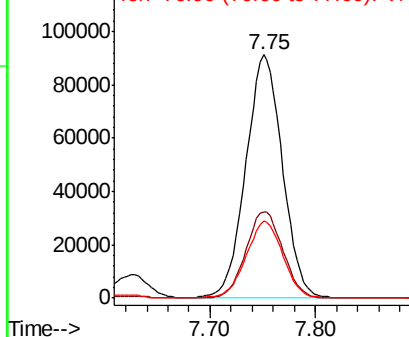


#36
 1,1-Dichloropropene
 Concen: 47.387 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062079.D
 Acq: 24 Jun 2020 22:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	17.9	53.8
77	32.2	24.9	37.3



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

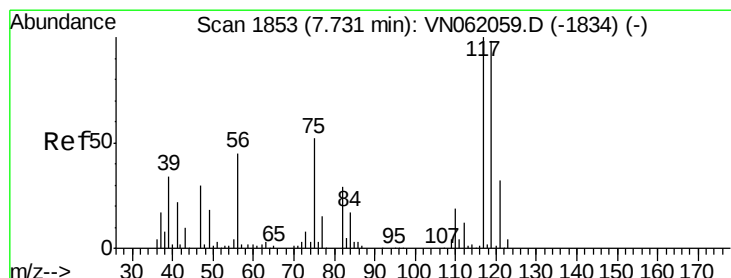
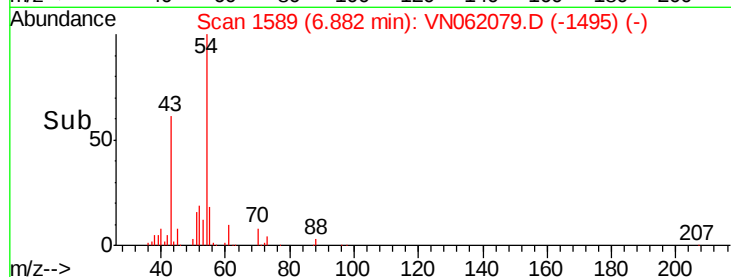
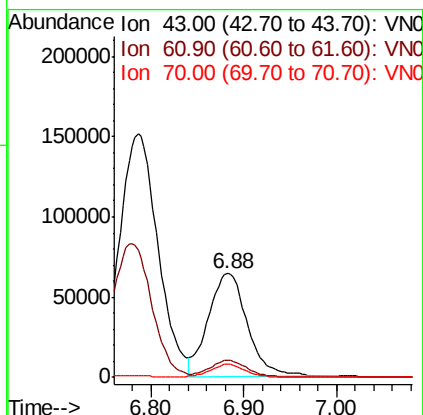
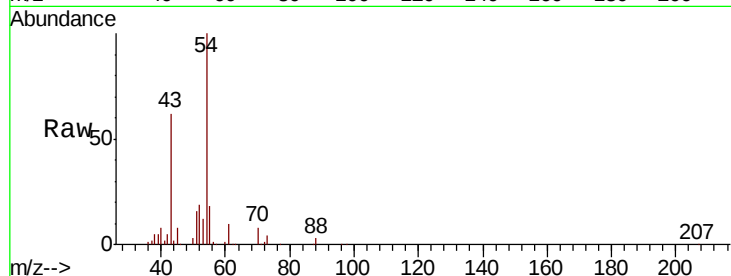




#37
Ethyl Acetate
Concen: 49.364 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062079.D
Acq: 24 Jun 2020 22:14

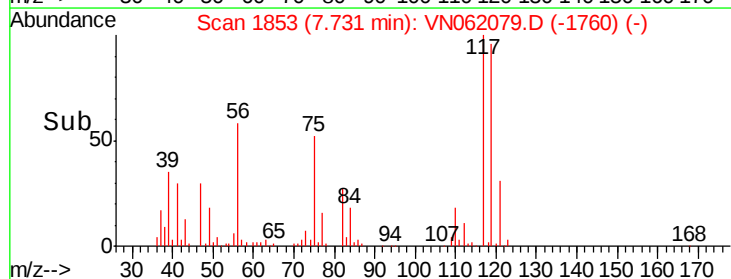
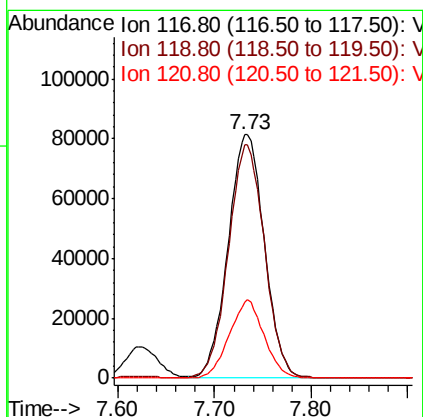
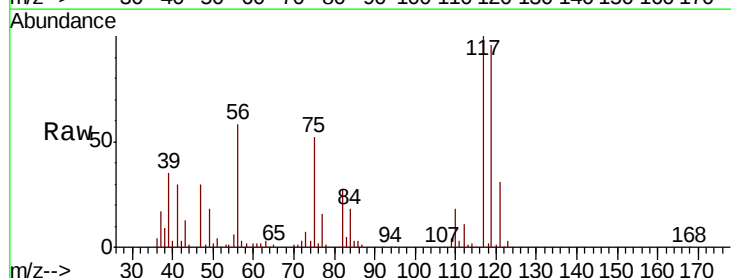
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 188829
Ion Ratio Lower Upper
43 100
61 14.9 12.0 18.0
70 11.5 9.6 14.4



#38
Carbon Tetrachloride
Concen: 48.724 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062079.D
Acq: 24 Jun 2020 22:14

Tgt Ion: 117 Resp: 212203
Ion Ratio Lower Upper
117 100
119 95.5 78.2 117.2
121 31.4 25.8 38.6

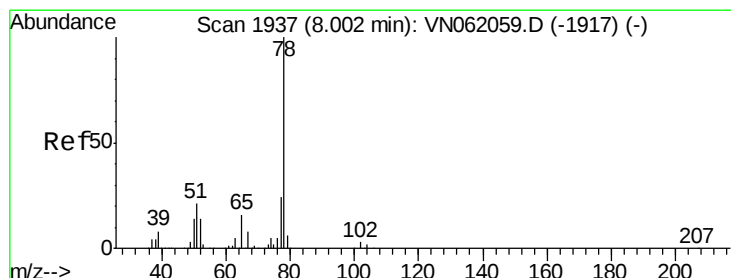
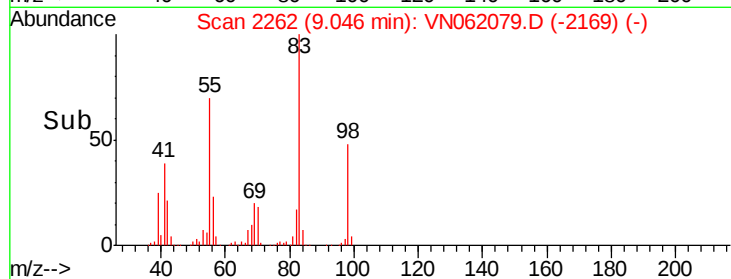
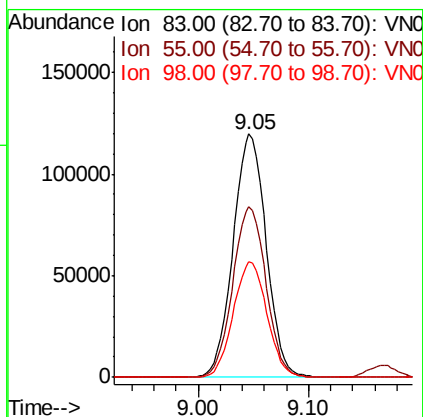
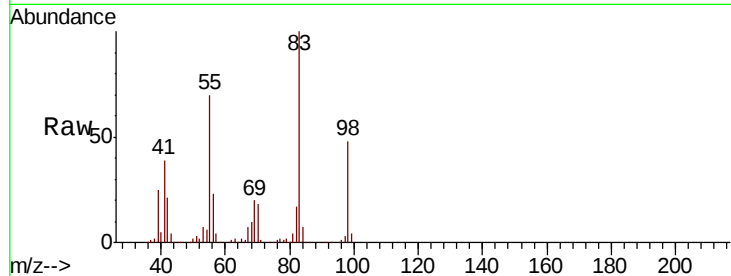




#39
Methvlcvclohexane
Concen: 49.186 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062079.D
Acq: 24 Jun 2020 22:14

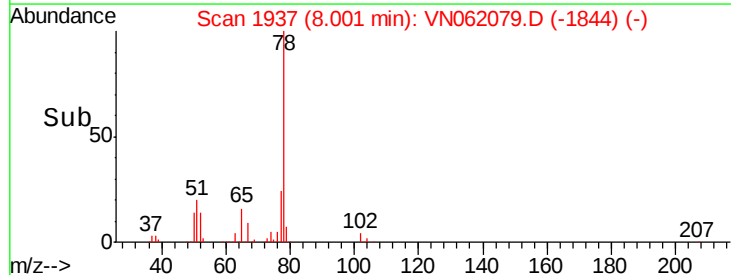
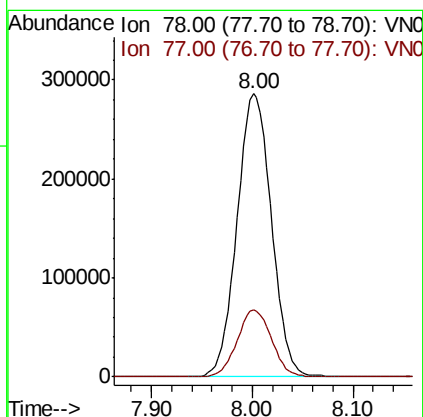
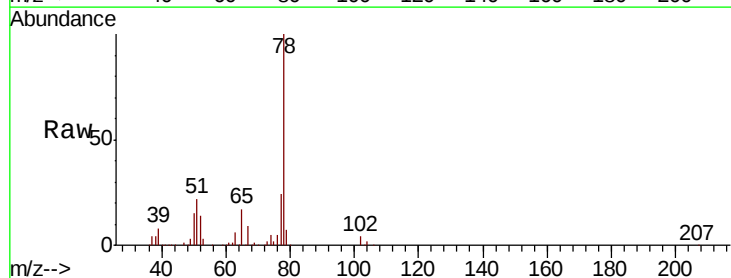
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

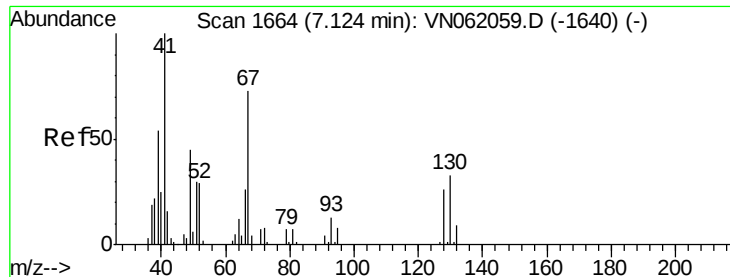
Tot Ion: 83 Resp: 248958
Ion Ratio Lower Upper
83 100
55 70.0 57.0 85.6
98 47.6 39.0 58.6



#40
Benzene
Concen: 48.025 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062079.D
Acq: 24 Jun 2020 22:14

Tgt Ion: 78 Resp: 676190
Ion Ratio Lower Upper
78 100
77 23.7 19.5 29.3

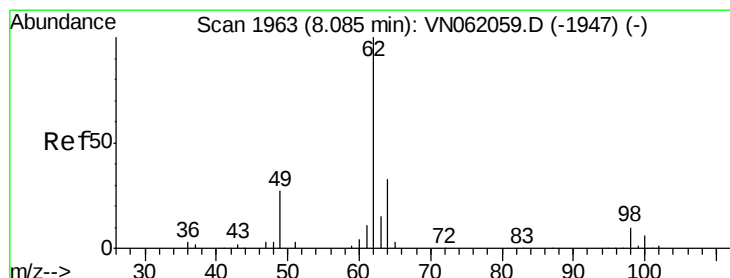
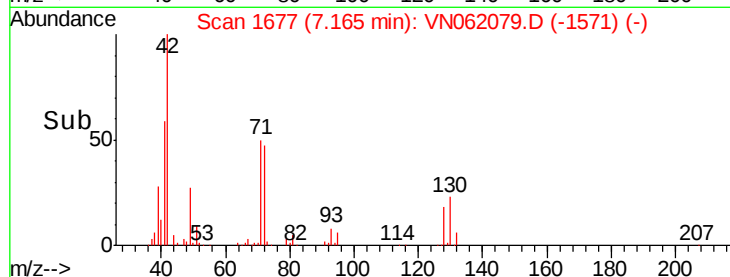
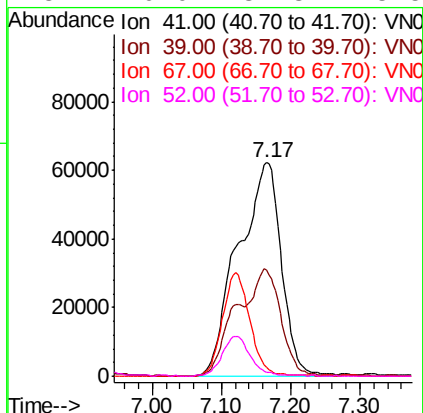
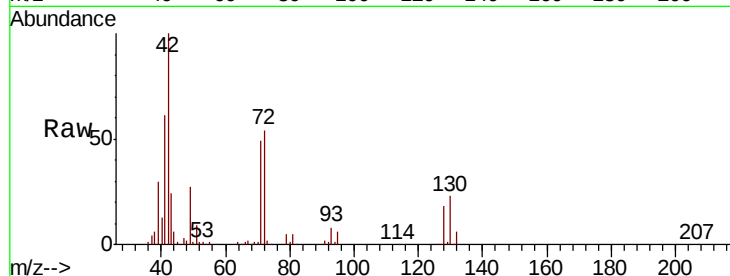




#41
Methacrylonitrile
Concen: 152.199 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN062079.D
Acq: 24 Jun 2020 22:14

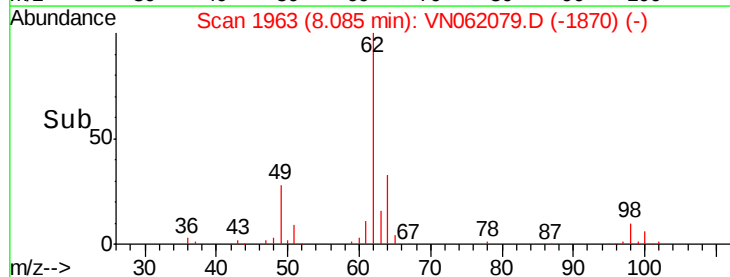
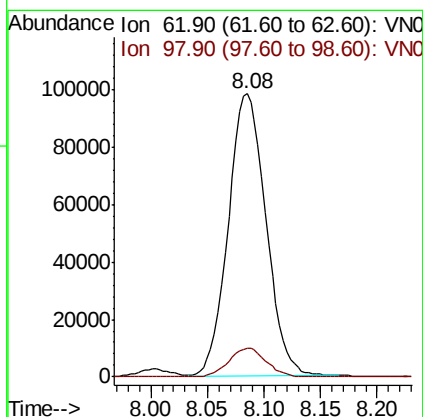
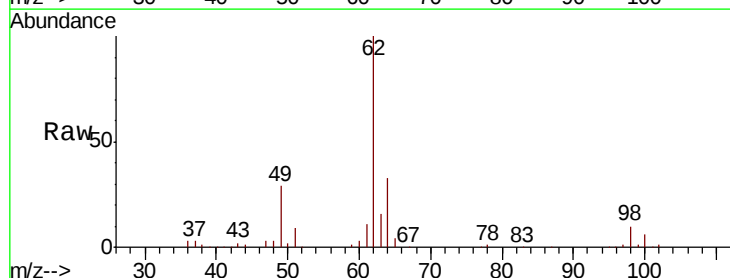
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

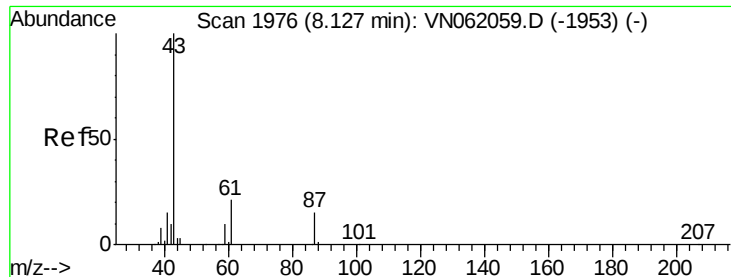
Tot Ion: 41 Resp: 269907
Ion Ratio Lower Upper
41 100
39 0.0 44.2 66.2#
67 0.0 79.5 119.3#
52 0.0 32.3 48.5#



#42
1,2-Dichloroethane
Concen: 47.941 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062079.D
Acq: 24 Jun 2020 22:14

Tgt Ion: 62 Resp: 228060
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.8

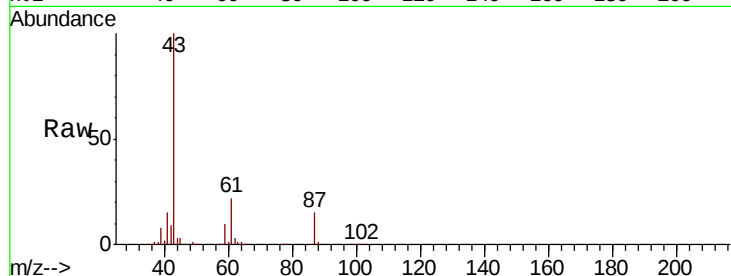




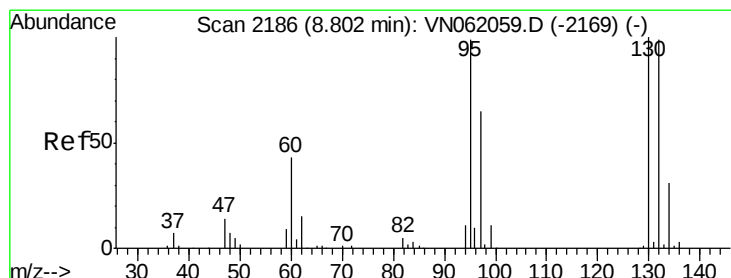
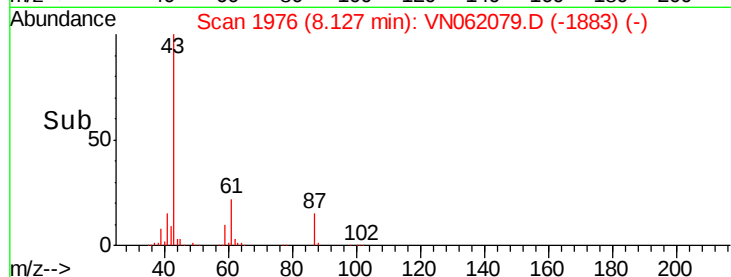
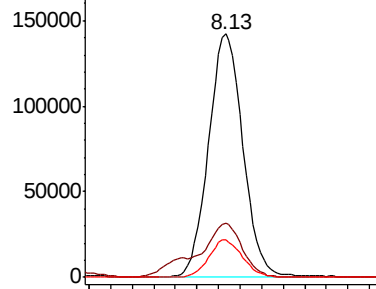
#43
Isopropyl Acetate
Concen: 50.531 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062079.D
Acq: 24 Jun 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 315098
Ion Ratio Lower Upper
43 100
61 21.2 17.2 25.8
87 15.0 12.1 18.1

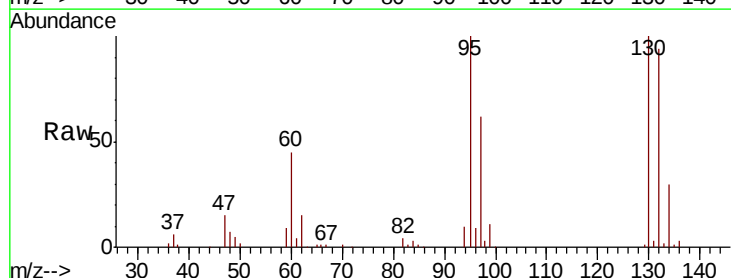


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

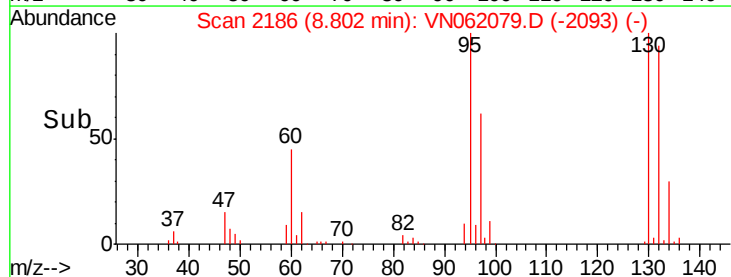
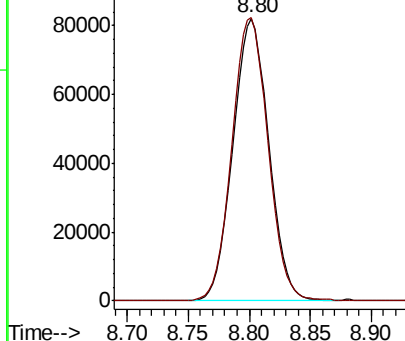


#44
Trichloroethene
Concen: 47.066 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062079.D
Acq: 24 Jun 2020 22:14

Tgt Ion:130 Resp: 167168
Ion Ratio Lower Upper
130 100
95 100.3 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0

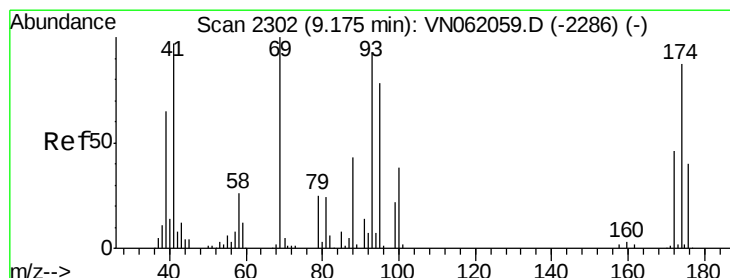
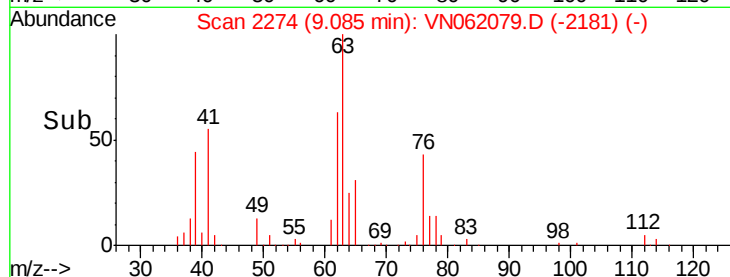
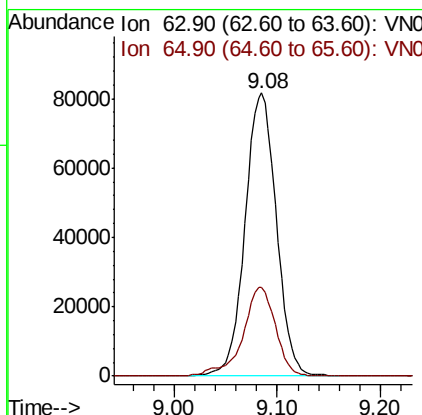
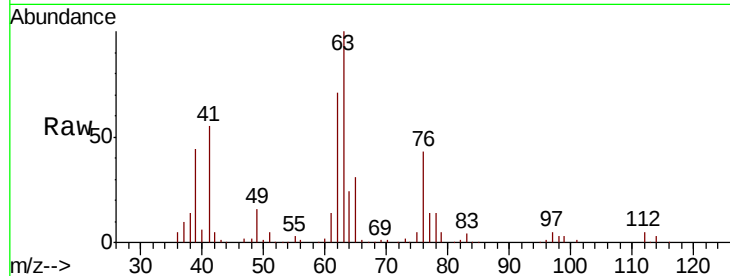




#45
 1,2-Dichloropropane
 Concen: 49.435 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062079.D
 Acq: 24 Jun 2020 22:14

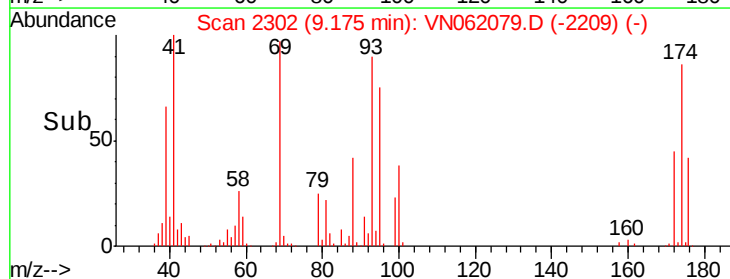
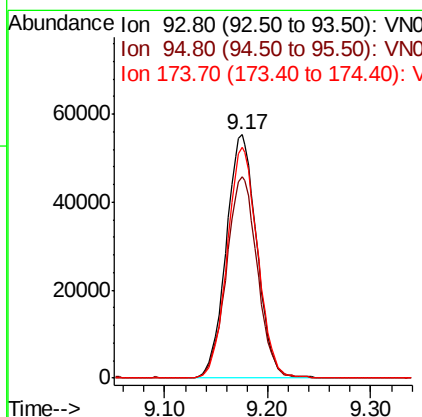
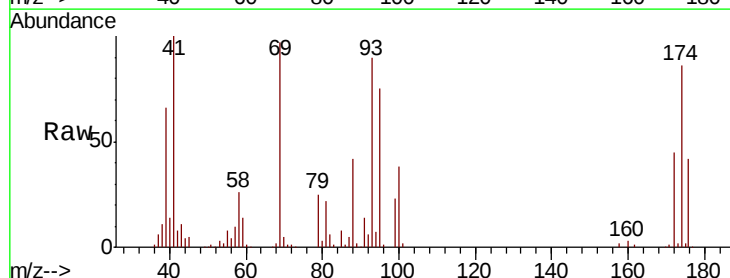
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 171719
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.4



#46
 Dibromomethane
 Concen: 48.590 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062079.D
 Acq: 24 Jun 2020 22:14

Tgt Ion: 93 Resp: 114435
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.0 100.6
 174 94.2 74.4 111.6

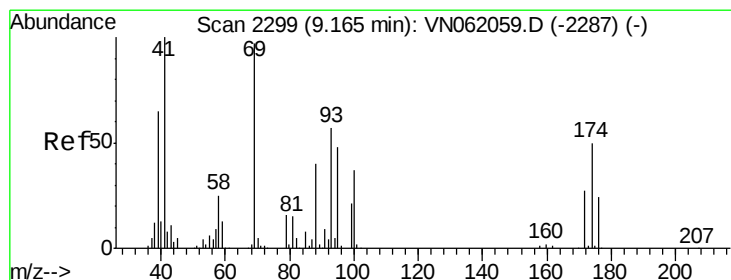
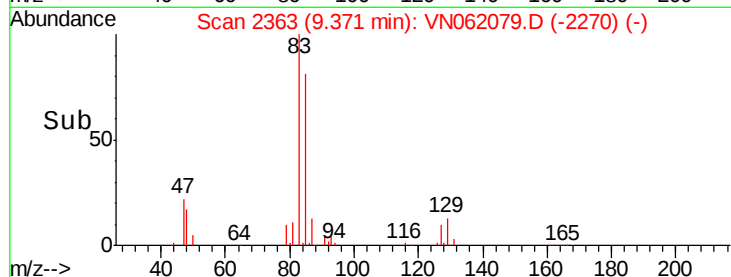
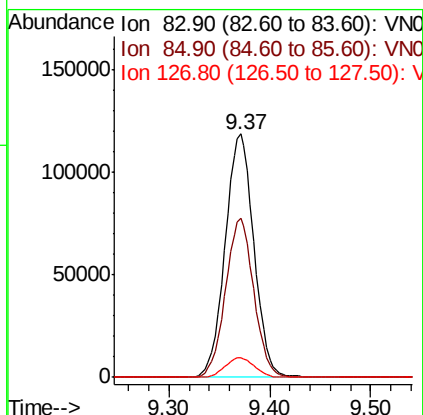
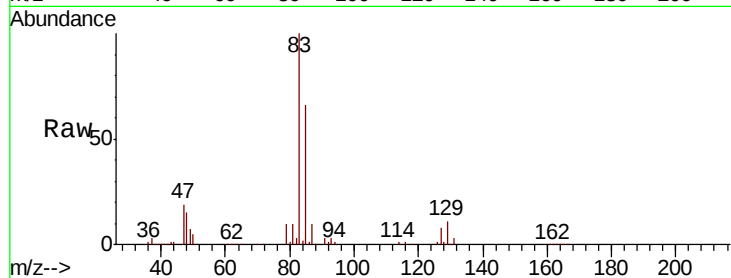




#47
Bromodichloromethane
Concen: 49.419 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN062079.D
Acq: 24 Jun 2020 22:14

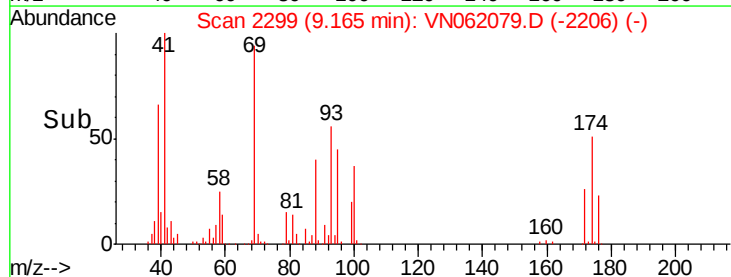
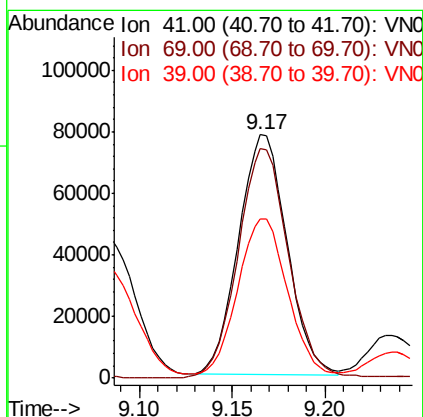
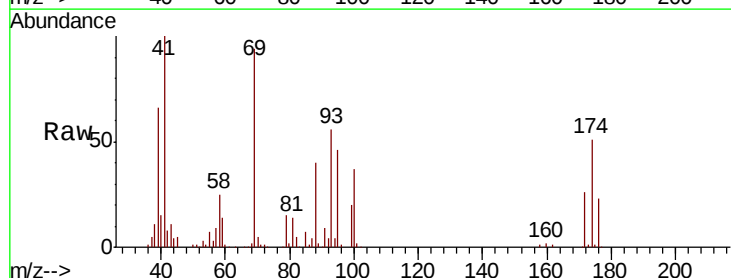
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	235006
Ion Ratio	100		
85	65.5	50.3	75.5
127	8.1	6.9	10.3



#48
Methyl methacrylate
Concen: 50.864 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062079.D
Acq: 24 Jun 2020 22:14

Tgt Ion	41	Resp	142212
Ion Ratio	100		
69	99.9	80.7	121.1
39	68.6	54.5	81.7

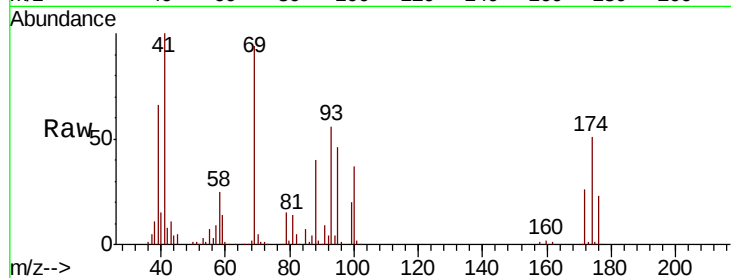




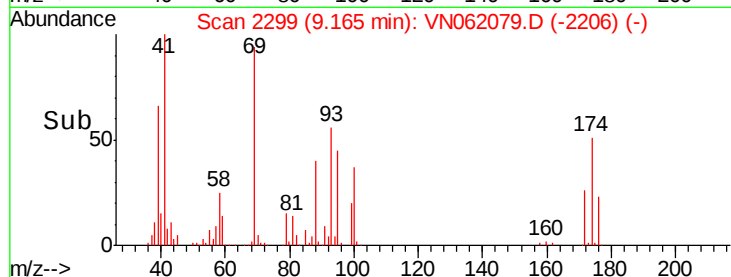
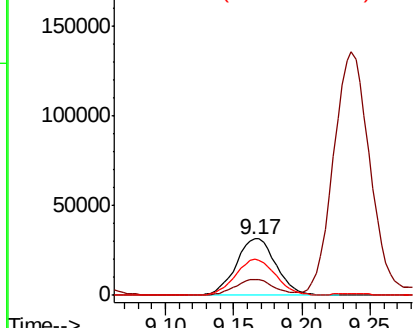
#49
1,4-Dioxane
Concen: 1041.369 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062079.D
Acq: 24 Jun 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 64568
Ion Ratio Lower Upper
88 100
43 26.6 22.0 33.0
58 63.4 49.2 73.8

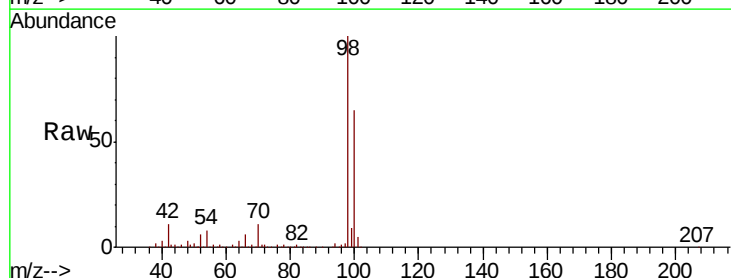


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

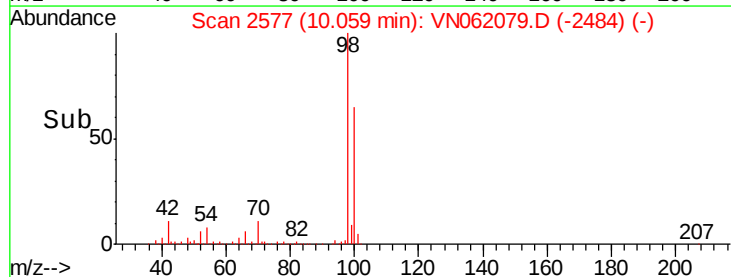
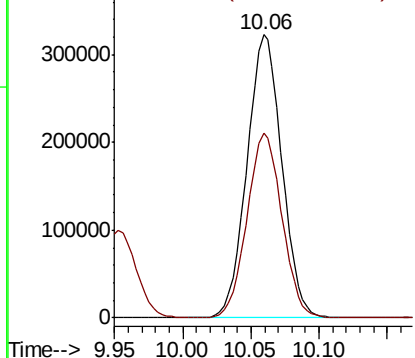


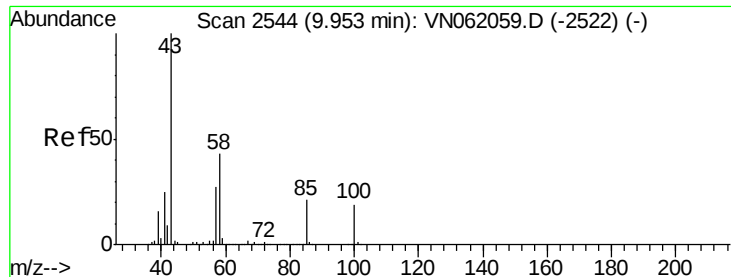
#50
Toluene-d8
Concen: 48.627 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062079.D
Acq: 24 Jun 2020 22:14

Tgt Ion: 98 Resp: 573116
Ion Ratio Lower Upper
98 100
100 65.0 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: 260.221 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

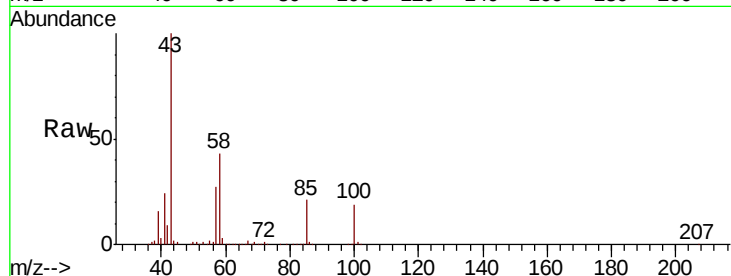
VSTDCCC050

Tot Ion: 43 Resp: 948052

Ion Ratio Lower Upper

43 100

58 42.8 34.2 51.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

600000

500000

400000

300000

200000

100000

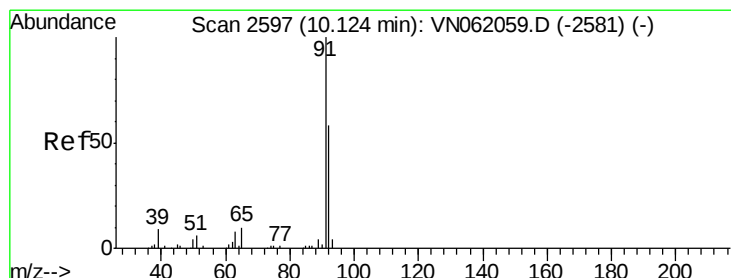
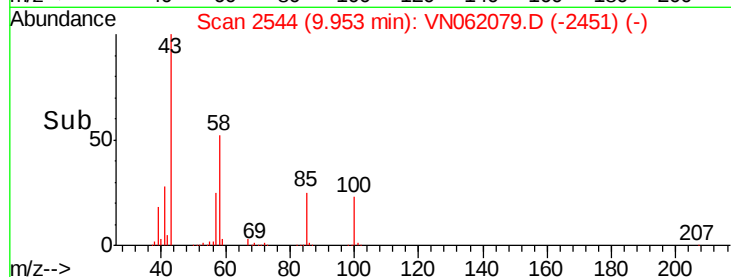
0

9.90

9.95

10.00

Time-->



#52

Toluene

Concen: 50.543 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062079.D

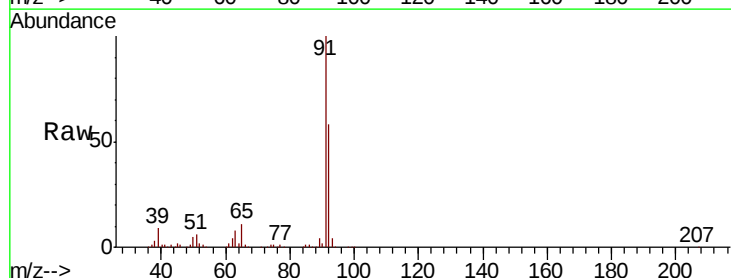
Acq: 24 Jun 2020 22:14

Tgt Ion: 92 Resp: 434219

Ion Ratio Lower Upper

92 100

91 172.7 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

500000

400000

300000

200000

100000

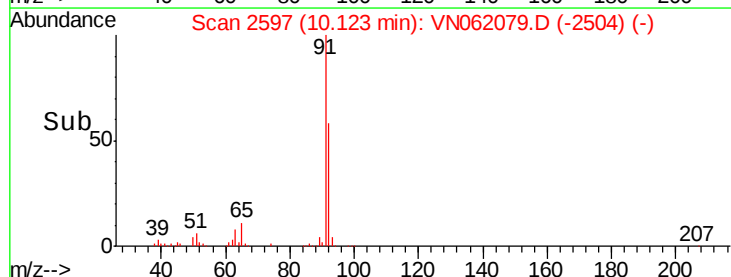
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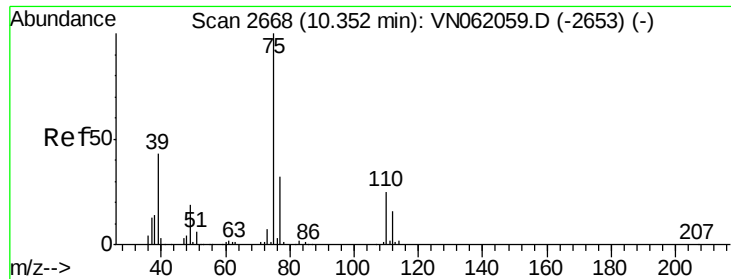
10.10

10.12

10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 49.104 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

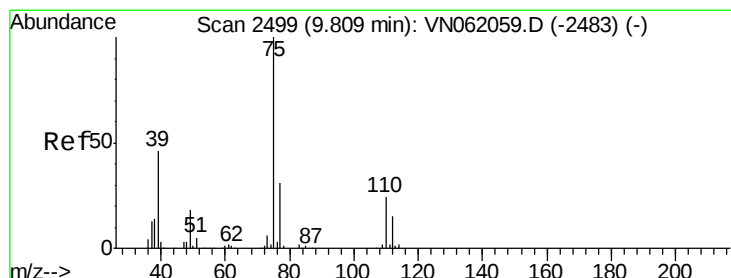
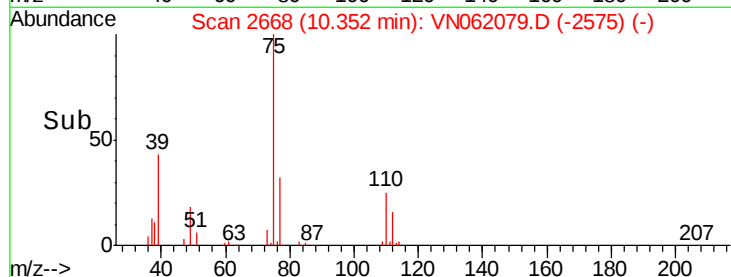
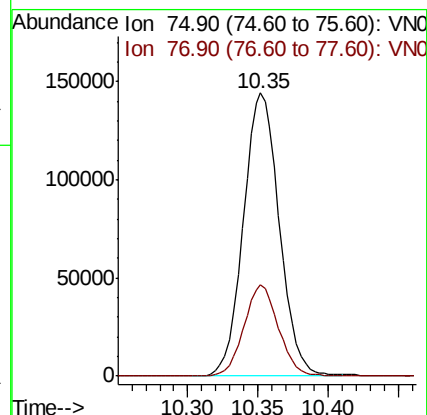
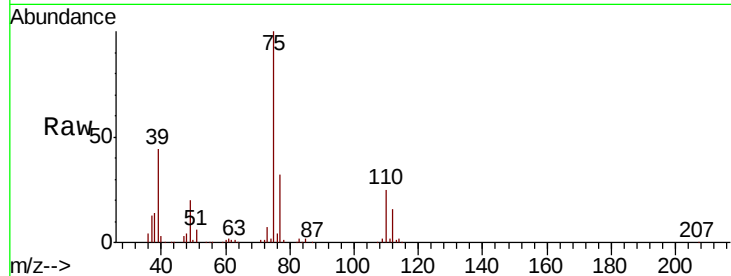
VSTDCCC050

Tot Ion: 75 Resp: 256898

Ion Ratio Lower Upper

75 100

77 32.2 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 50.351 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

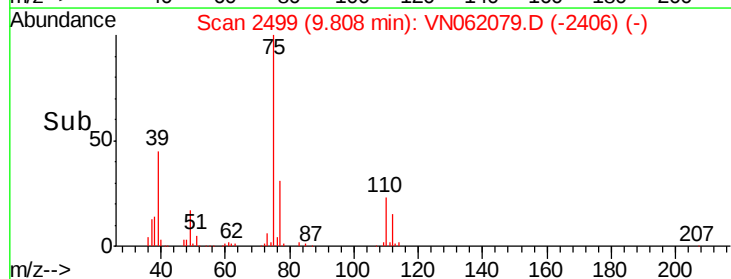
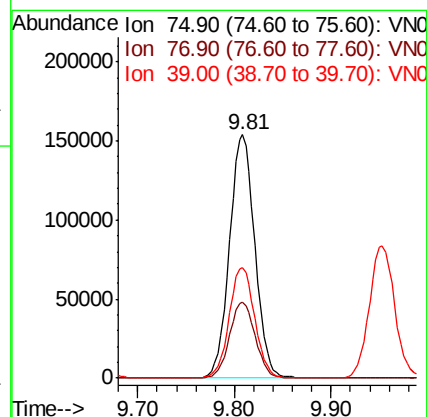
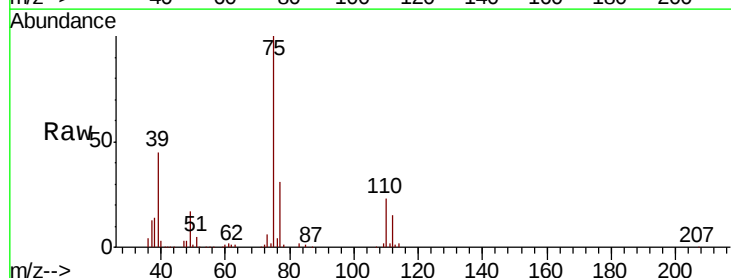
Tgt Ion: 75 Resp: 280456

Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.6

39 45.4 36.9 55.3

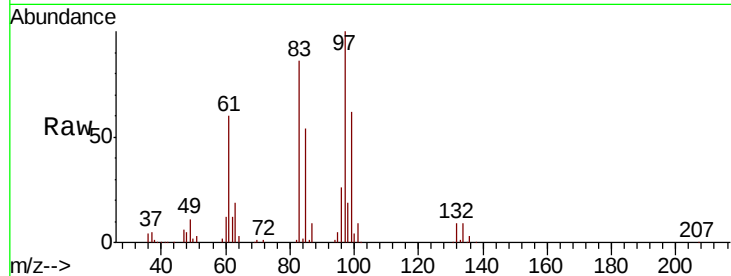




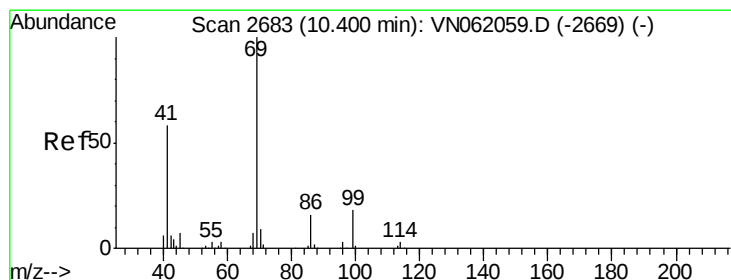
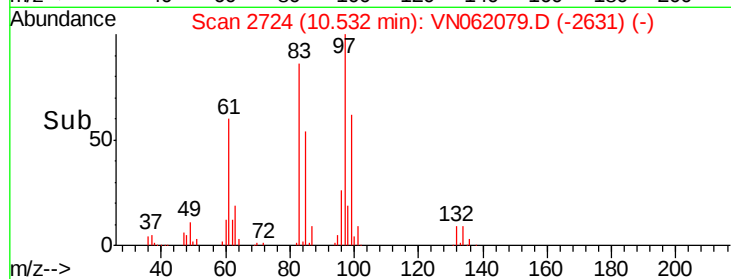
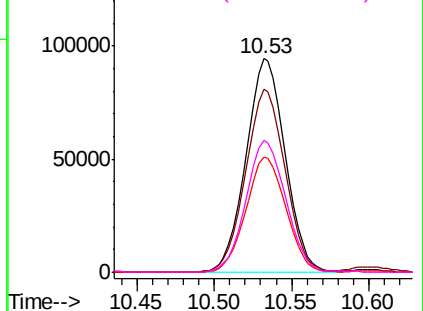
#55
 1,1,2-Trichloroethane
 Concen: 49.498 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062079.D
 Acq: 24 Jun 2020 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	167157
Ion	Ratio	Lower	Upper
97	100		
83	85.8	68.2	102.2
85	54.2	43.2	64.8
99	61.8	48.5	72.7

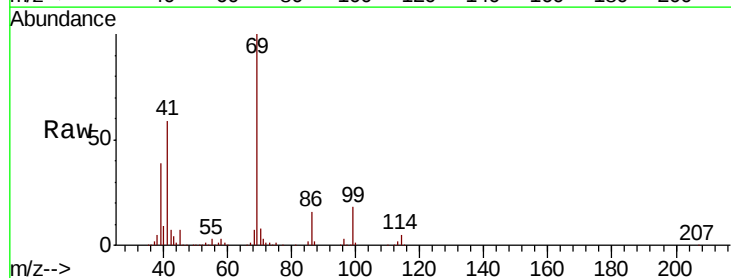


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

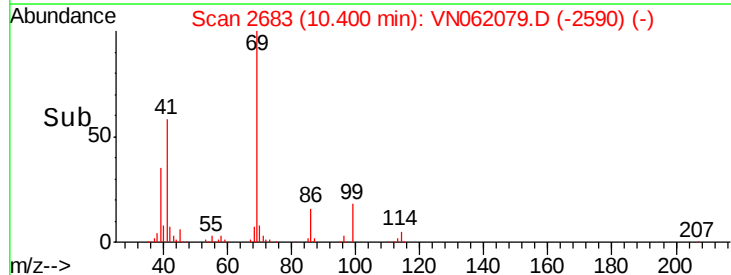
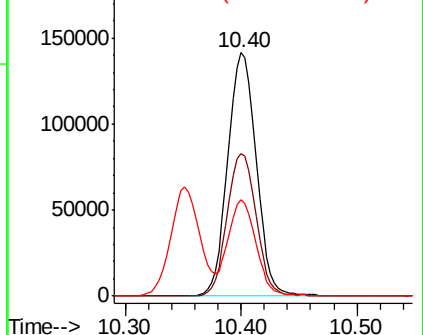


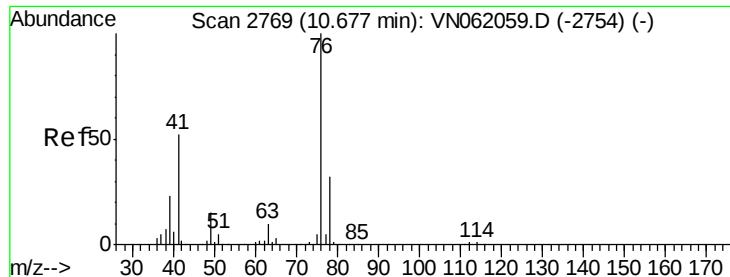
#56
 Ethyl methacrylate
 Concen: 53.423 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062079.D
 Acq: 24 Jun 2020 22:14

Tgt Ion:	69	Resp:	240765
Ion	Ratio	Lower	Upper
69	100		
41	59.2	46.6	70.0
39	38.5	31.0	46.4



Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO

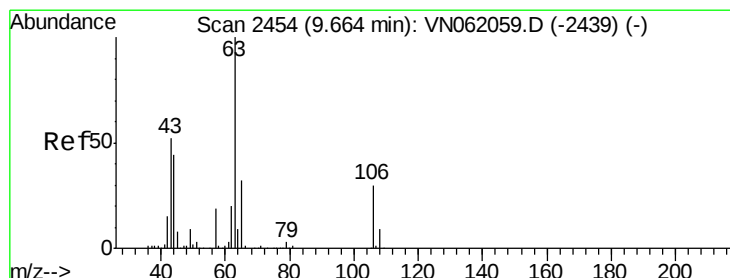
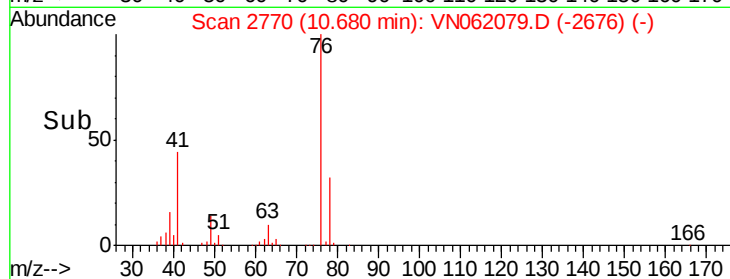
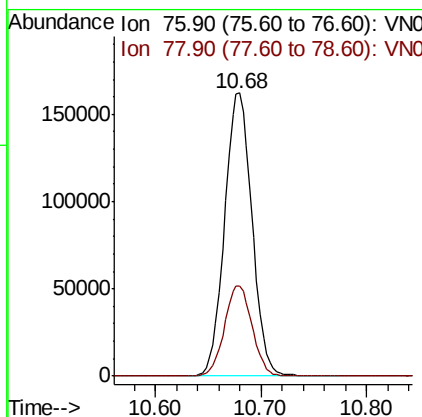
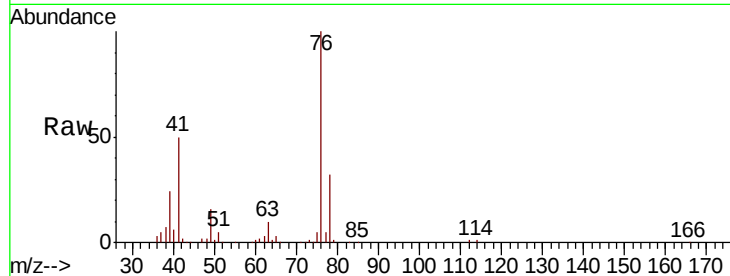




#57
 1,3-Dichloropropane
 Concen: 50.024 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062079.D
 Acq: 24 Jun 2020 22:14

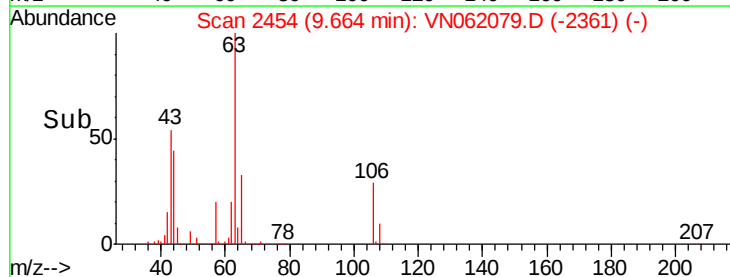
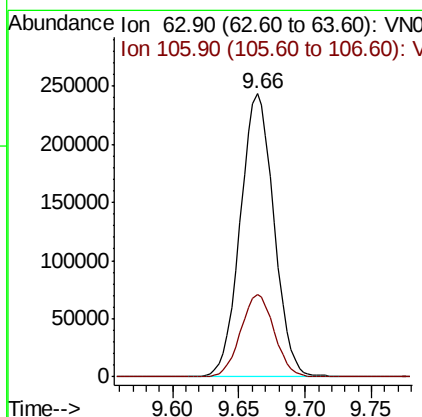
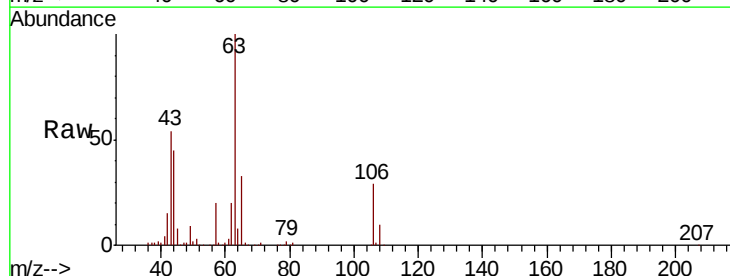
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

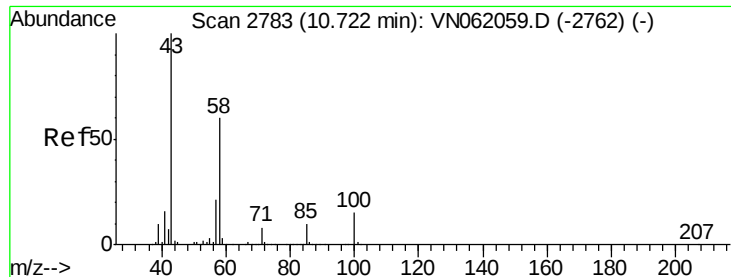
Tot Ion: 76 Resp: 290777
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 225.221 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062079.D
 Acq: 24 Jun 2020 22:14

Tgt Ion: 63 Resp: 428879
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.2 34.8

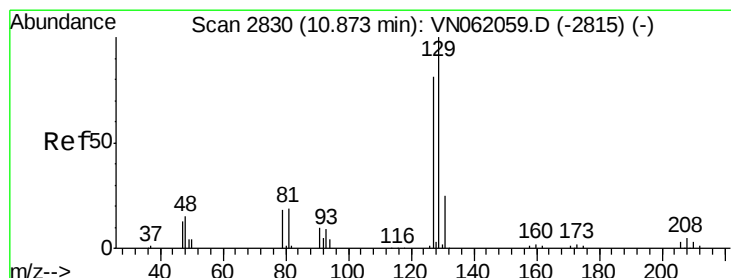
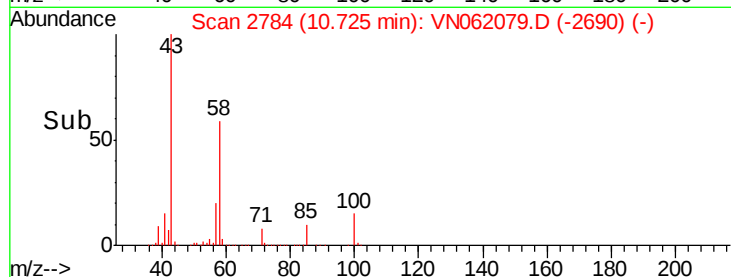
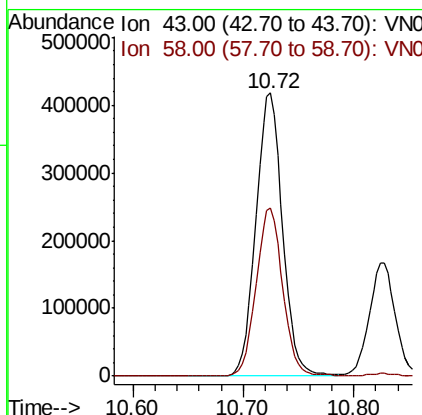
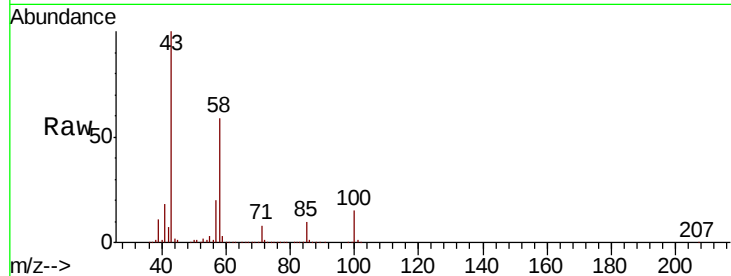




#59
2-Hexanone
Concen: 266.234 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062079.D
Acq: 24 Jun 2020 22:14

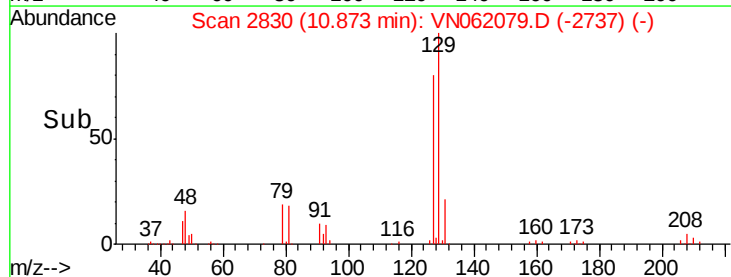
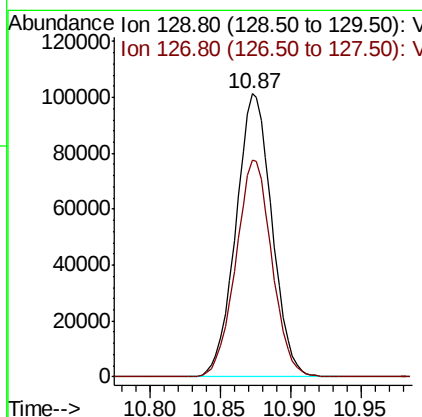
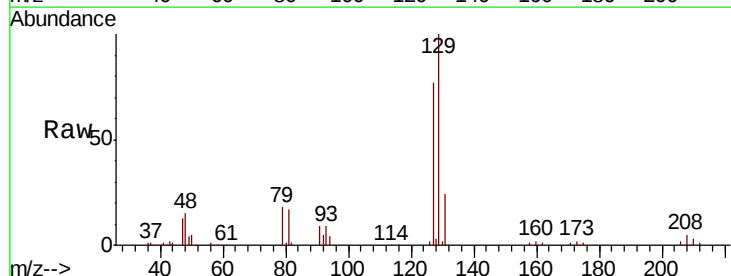
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

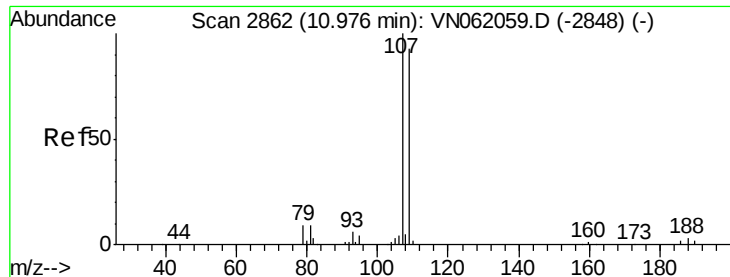
Tot Ion: 43 Resp: 700407
Ion Ratio Lower Upper
43 100
58 59.3 29.5 88.5



#60
Dibromochloromethane
Concen: 50.711 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062079.D
Acq: 24 Jun 2020 22:14

Tgt Ion: 129 Resp: 181309
Ion Ratio Lower Upper
129 100
127 76.7 39.5 118.5

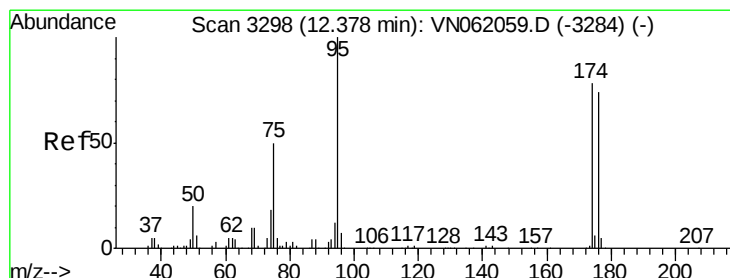
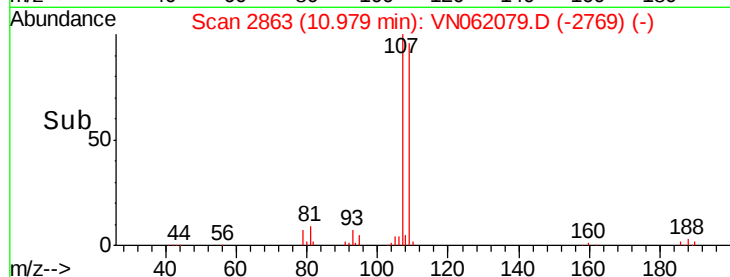
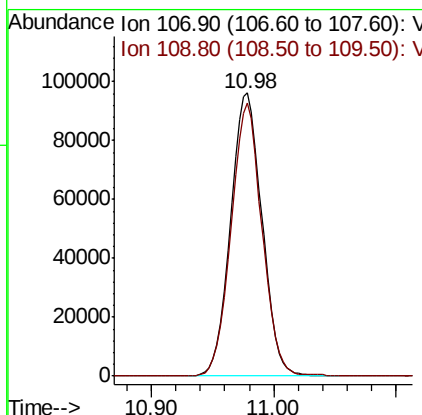
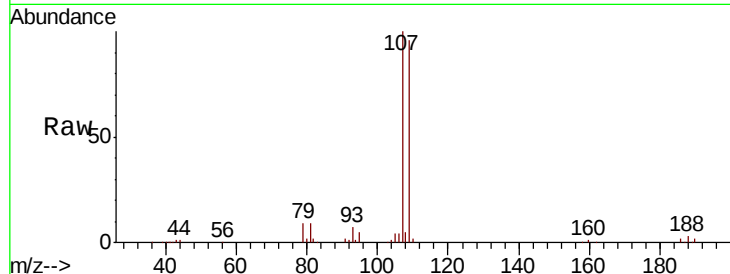




#61
 1,2-Dibromoethane
 Concen: 49.529 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062079.D
 Acq: 24 Jun 2020 22:14

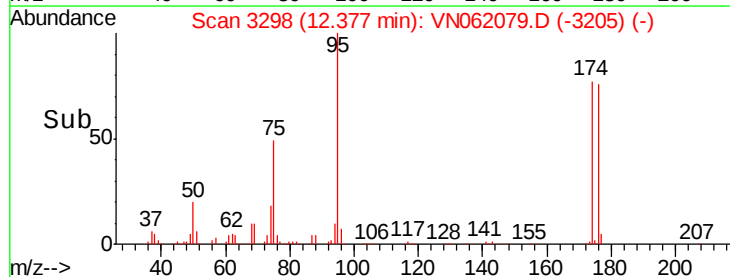
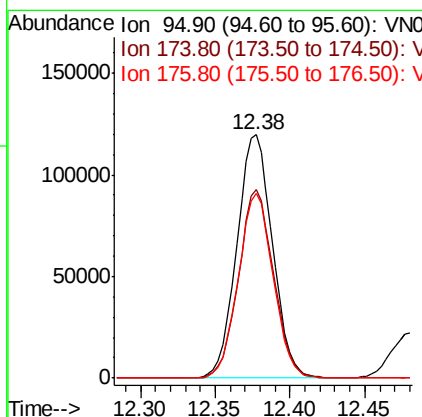
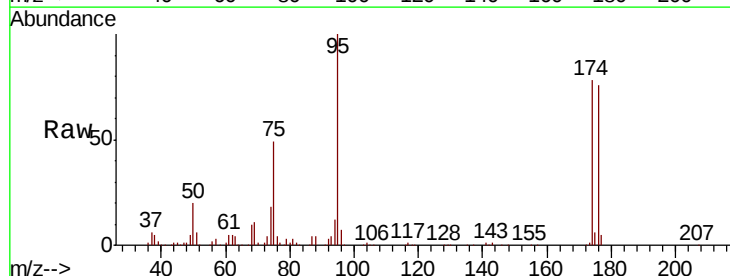
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

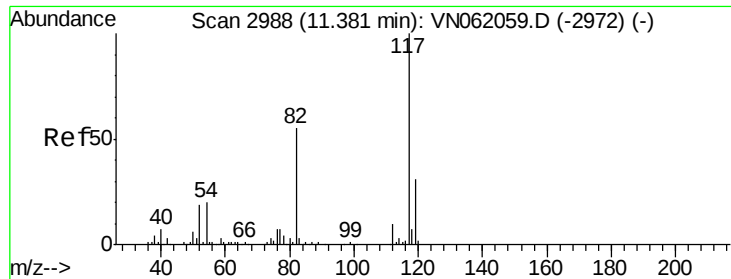
Tot Ion:107 Resp: 171865
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 49.753 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062079.D
 Acq: 24 Jun 2020 22:14

Tgt Ion: 95 Resp: 198115
 Ion Ratio Lower Upper
 95 100
 174 76.6 0.0 154.8
 176 74.3 0.0 147.4

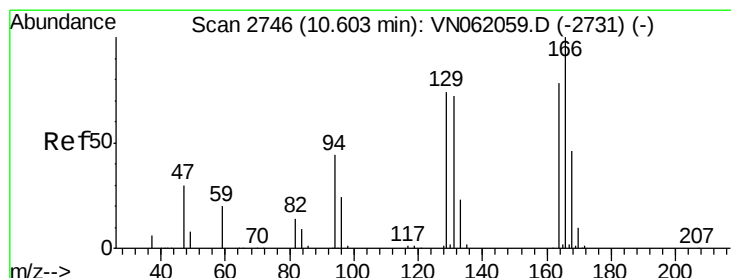
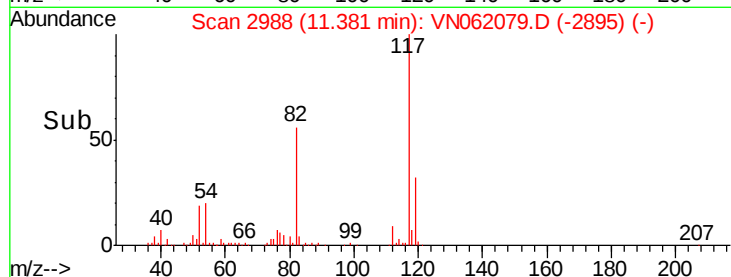
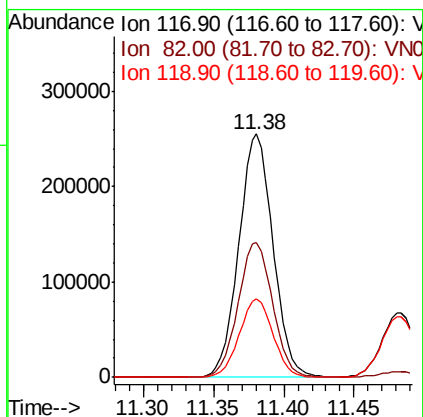
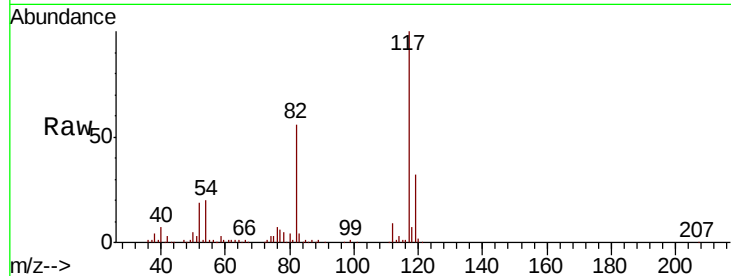




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062079.D
Acq: 24 Jun 2020 22:14

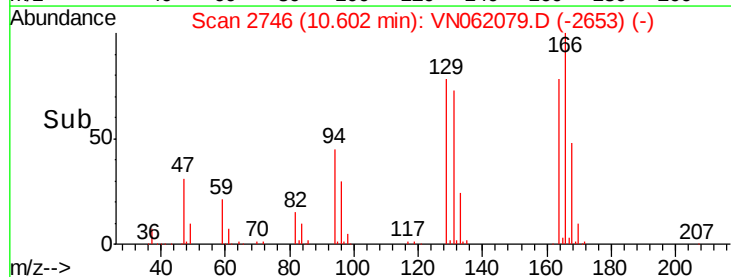
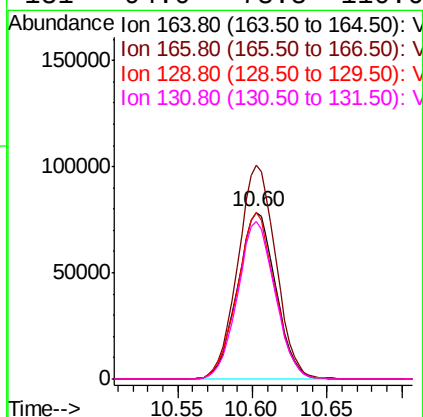
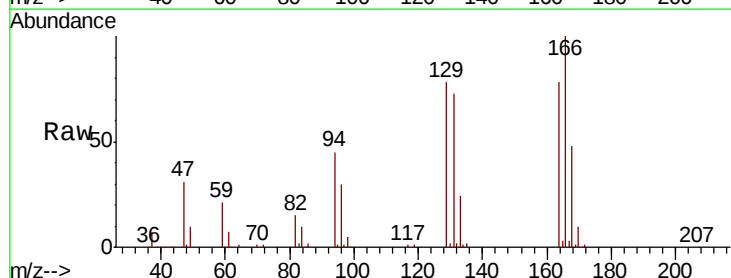
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 433994
Ion Ratio Lower Upper
117 100
82 55.5 43.8 65.8
119 32.5 25.2 37.8



#64
Tetrachloroethene
Concen: 47.110 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062079.D
Acq: 24 Jun 2020 22:14

Tgt Ion:164 Resp: 139662
Ion Ratio Lower Upper
164 100
166 127.9 102.9 154.3
129 99.6 75.8 113.8
131 94.0 73.8 110.6

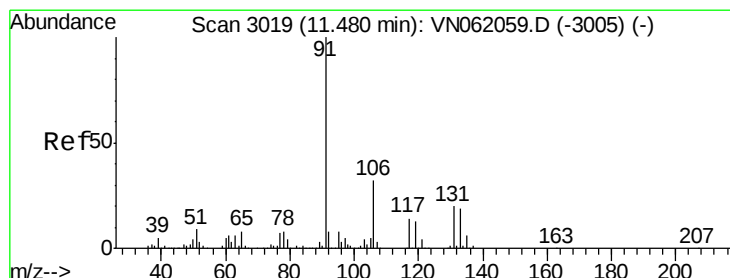
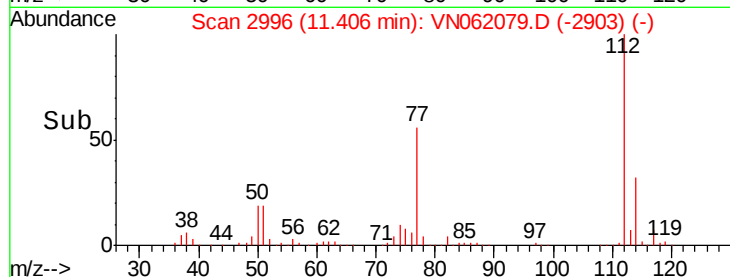
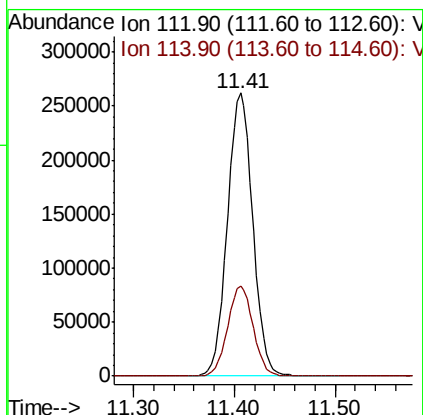
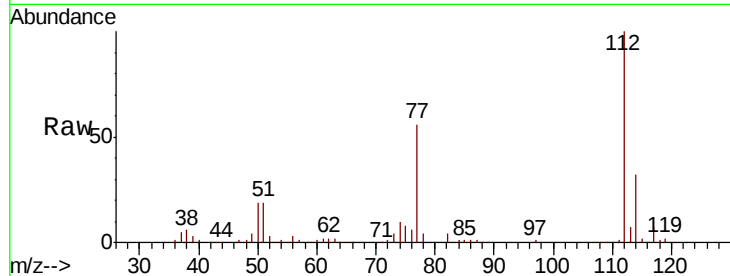




#65
Chlorobenzene
Concen: 48.184 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062079.D
Acq: 24 Jun 2020 22:14

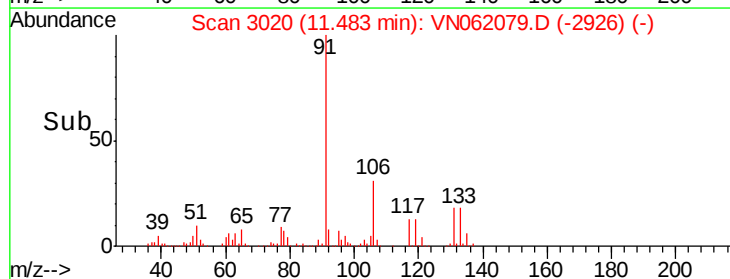
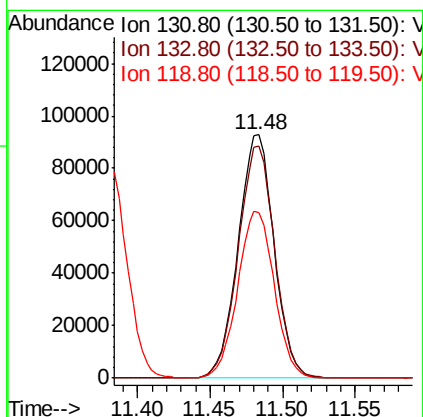
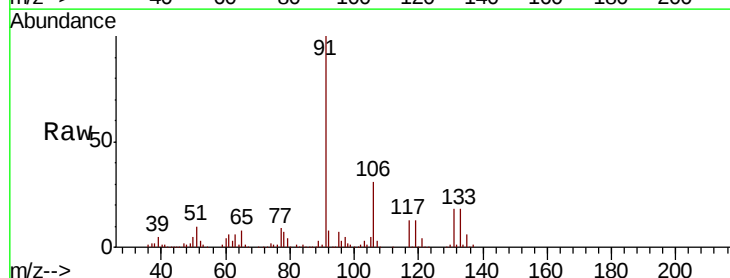
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 459222
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.464 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062079.D
Acq: 24 Jun 2020 22:14

Tgt Ion:131 Resp: 159718
Ion Ratio Lower Upper
131 100
133 97.2 47.6 142.9
119 69.8 34.4 103.3

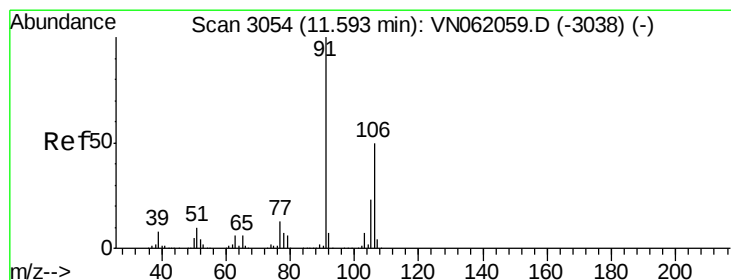
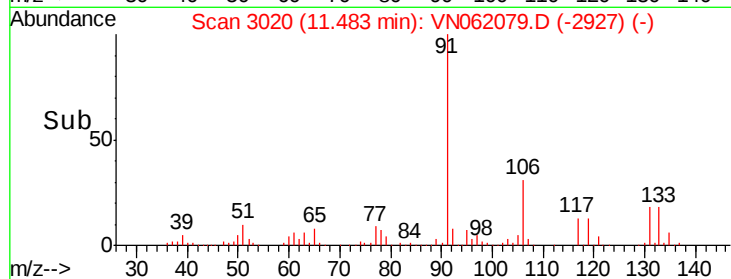
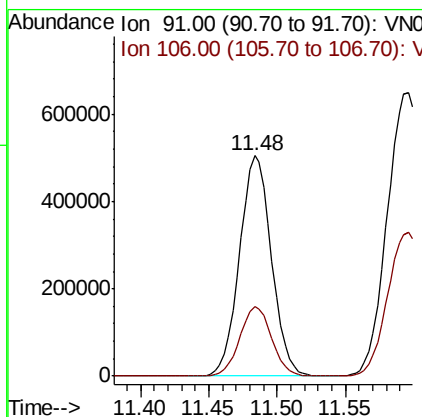
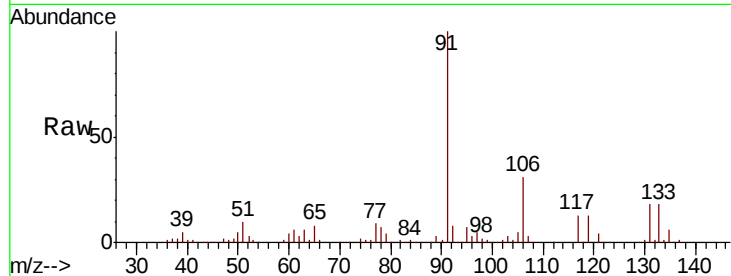




#67
Ethyl Benzene
Concen: 50.897 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062079.D
Acq: 24 Jun 2020 22:14

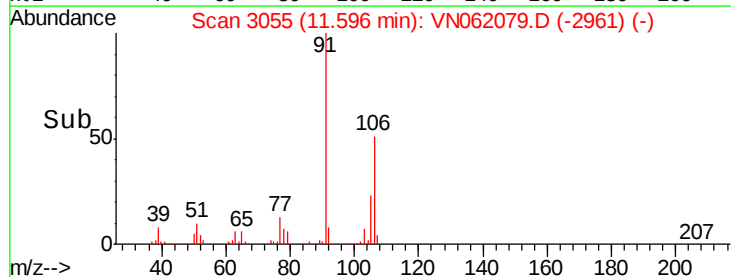
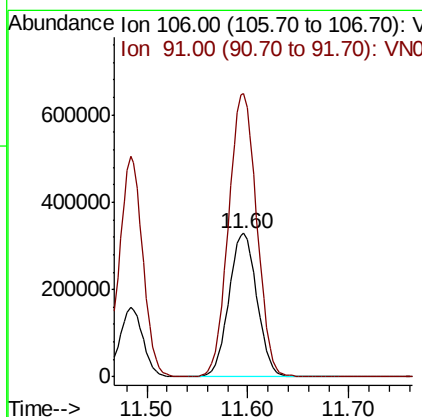
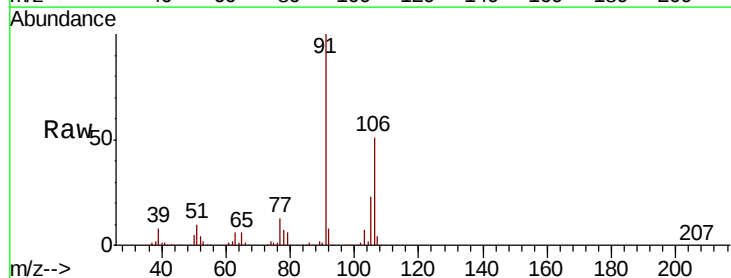
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

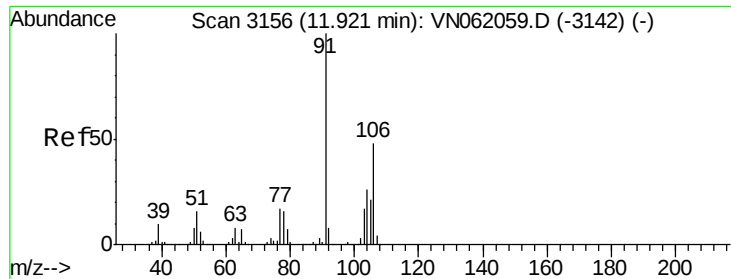
Tot Ion: 91 Resp: 819243
Ion Ratio Lower Upper
91 100
106 31.5 25.3 37.9



#68
m/p-Xylenes
Concen: 102.122 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062079.D
Acq: 24 Jun 2020 22:14

Tgt Ion: 106 Resp: 635773
Ion Ratio Lower Upper
106 100
91 198.3 157.8 236.8

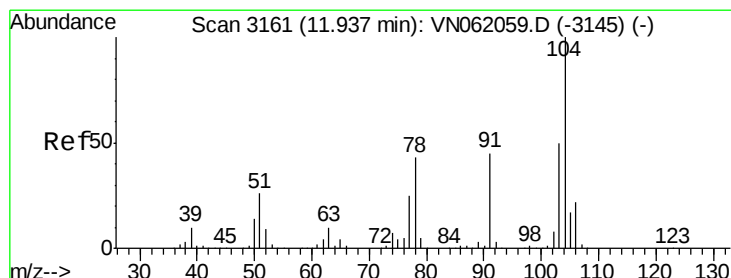
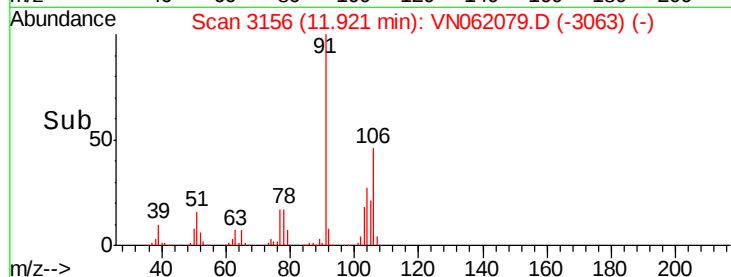
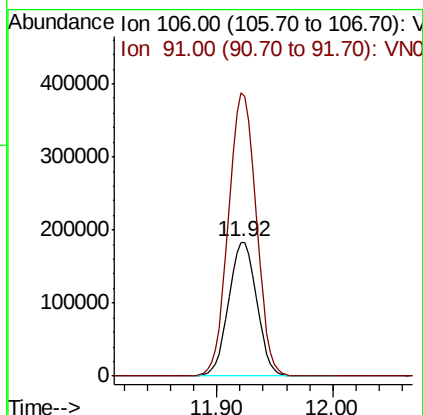
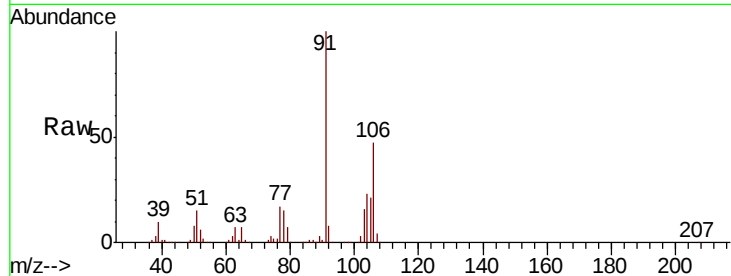




#69
o-Xylene
Concen: 52.046 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062079.D
Acq: 24 Jun 2020 22:14

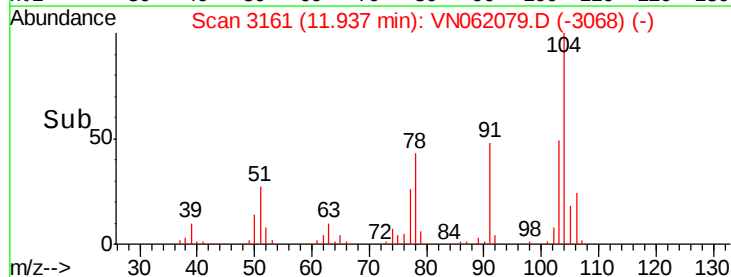
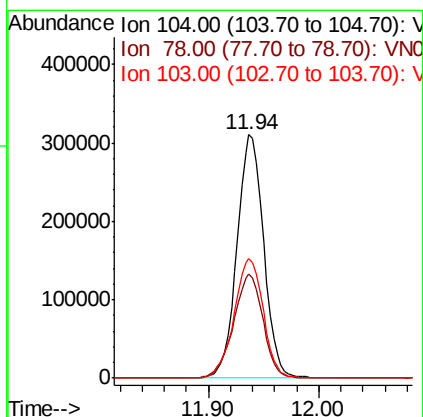
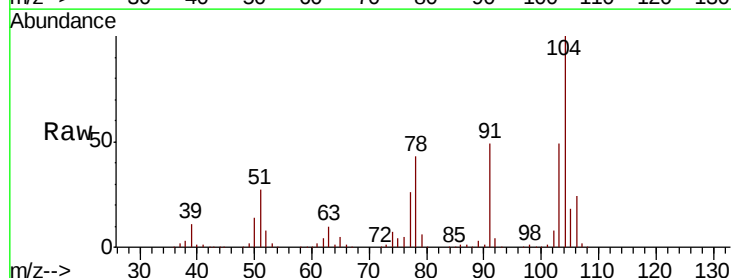
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

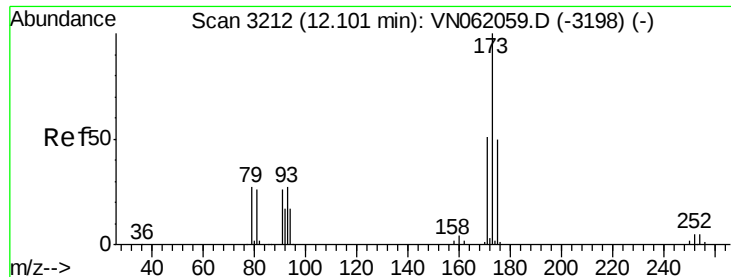
Tot Ion:106 Resp: 305720
Ion Ratio Lower Upper
106 100
91 209.5 104.0 311.9



#70
Styrene
Concen: 53.173 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062079.D
Acq: 24 Jun 2020 22:14

Tgt Ion:104 Resp: 520900
Ion Ratio Lower Upper
104 100
78 47.0 37.7 56.5
103 53.5 43.0 64.6





#71

Bromoform

Concen: 51.735 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

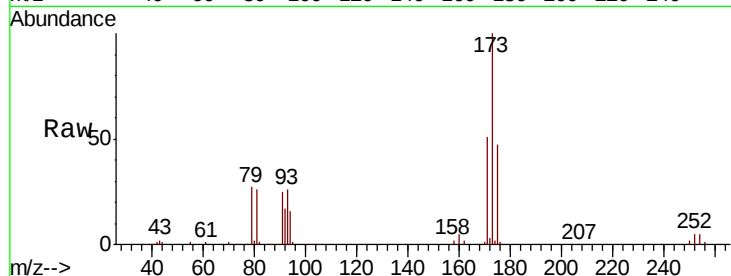
Tot Ion:173 Resp: 121223

Ion Ratio Lower Upper

173 100

175 46.6 24.7 74.1

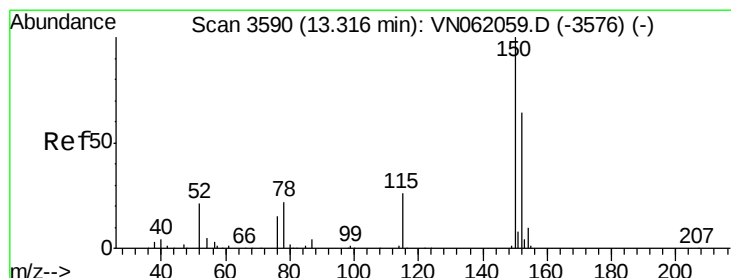
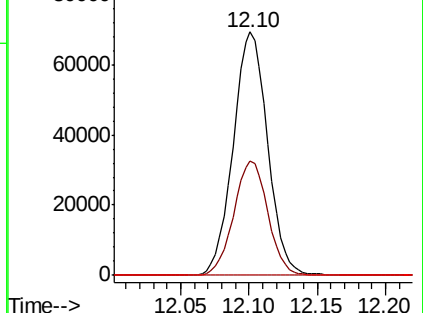
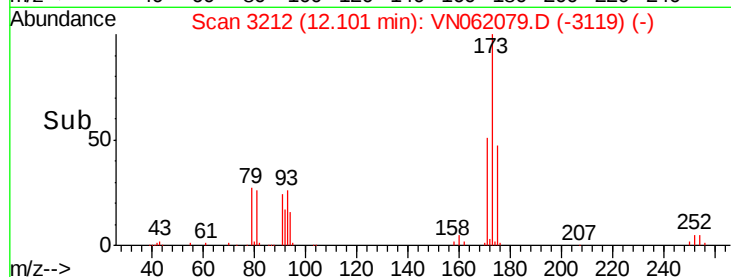
254 0.0 0.0 0.0



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: VN062079.D

Acq: 24 Jun 2020 22:14

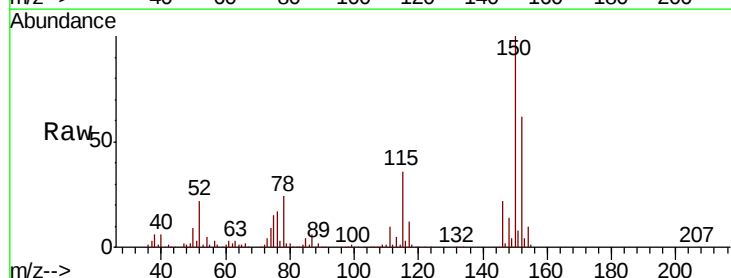
Tgt Ion:152 Resp: 210118

Ion Ratio Lower Upper

152 100

115 58.8 29.5 88.5

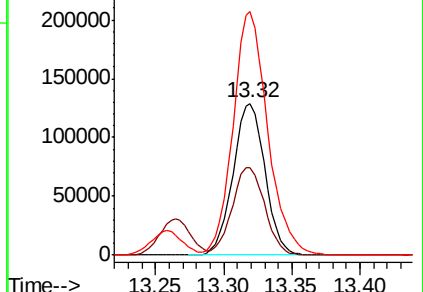
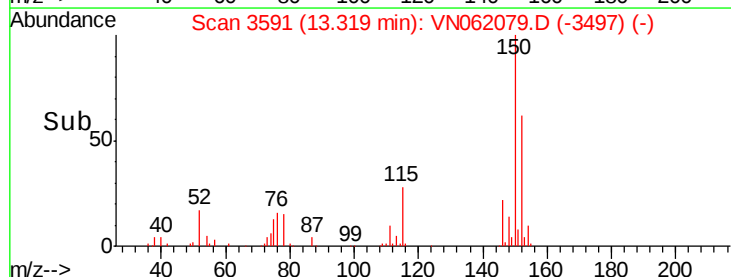
150 172.7 0.0 351.4

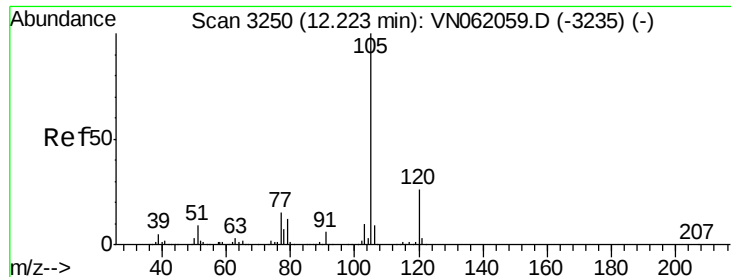


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

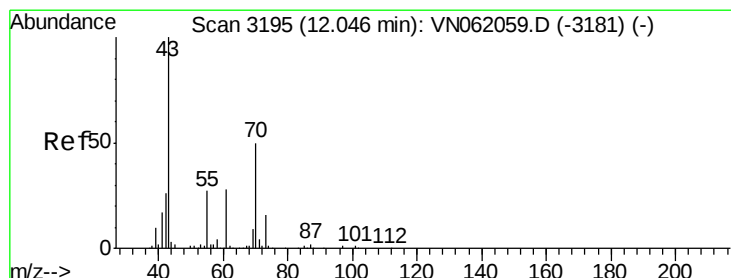
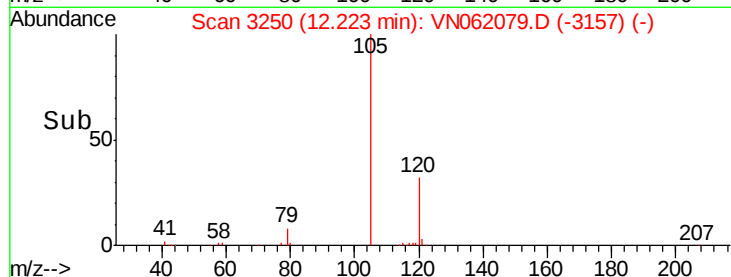
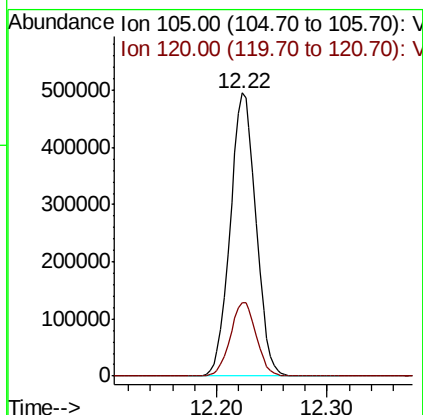
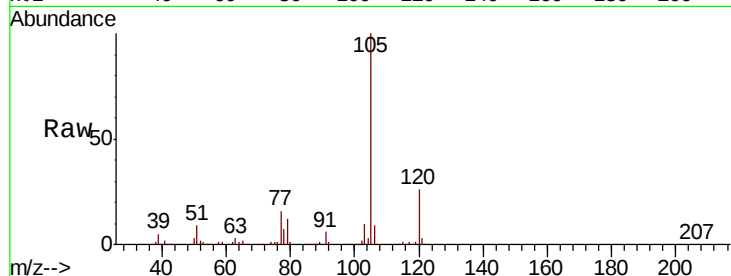




#73
Isopropylbenzene
Concen: 49.195 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062079.D
Acq: 24 Jun 2020 22:14

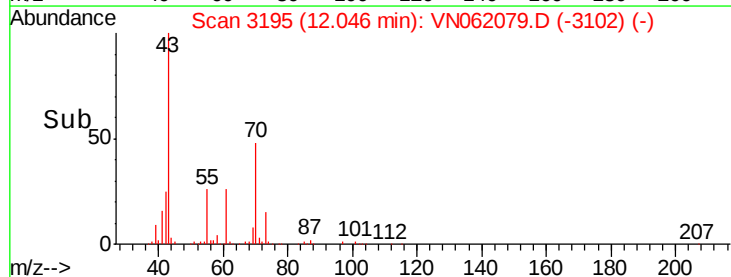
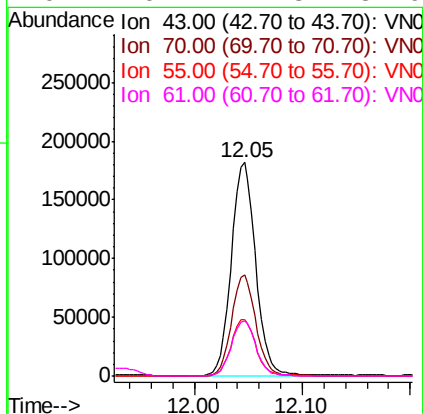
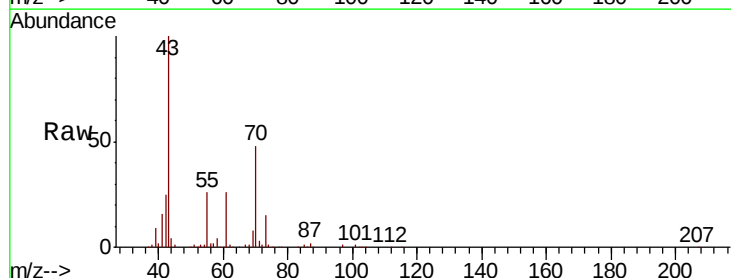
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

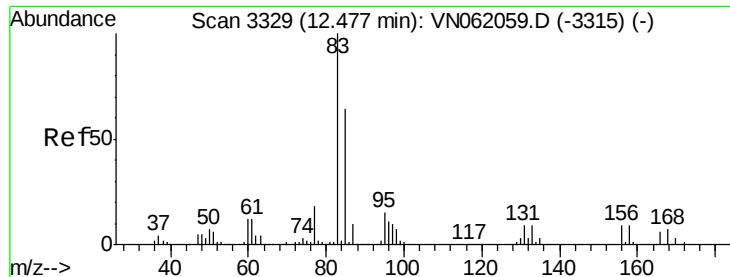
Tot Ion:105 Resp: 800152
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.6



#74
N-ethyl acetate
Concen: 47.955 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN062079.D
Acq: 24 Jun 2020 22:14

Tgt Ion: 43 Resp: 286242
Ion Ratio Lower Upper
43 100
70 47.2 39.4 59.2
55 26.8 21.7 32.5
61 26.2 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 47.005 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

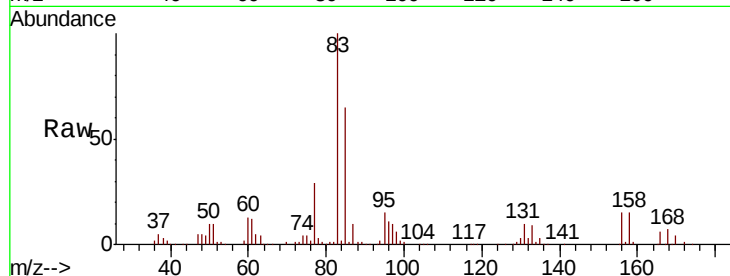
Tot Ion: 83 Resp: 254415

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.4

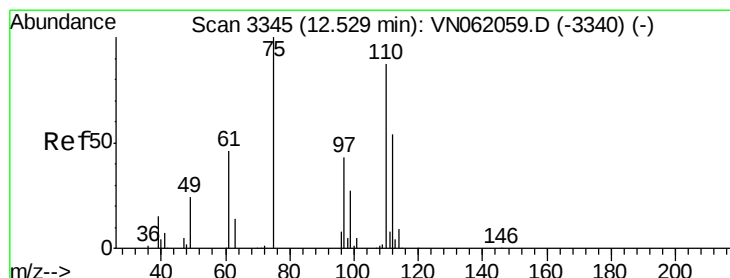
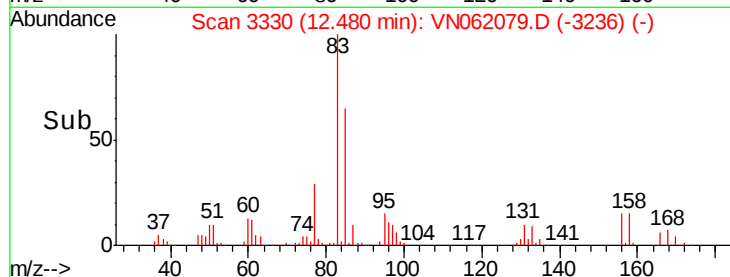
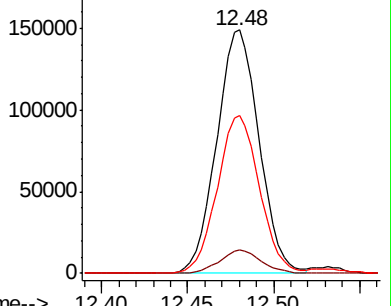
85 64.4 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062079.D (-3330) (-)

Ion 130.80 (130.50 to 131.50): VN062079.D (-3330) (-)

Ion 84.90 (84.60 to 85.60): VN062079.D (-3330) (-)



#76

1,2,3-Trichloropropane

Concen: 63.440 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062079.D

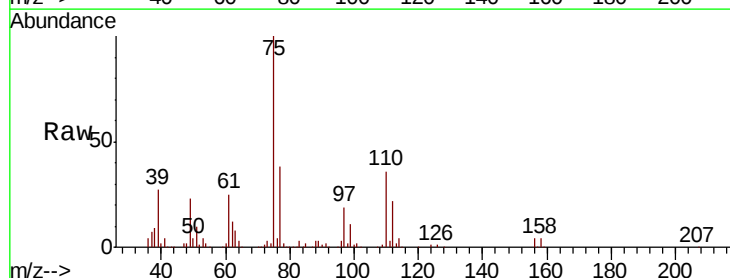
Acq: 24 Jun 2020 22:14

Tgt Ion: 75 Resp: 313797

Ion Ratio Lower Upper

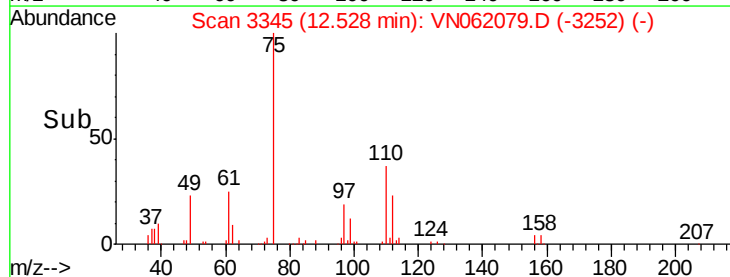
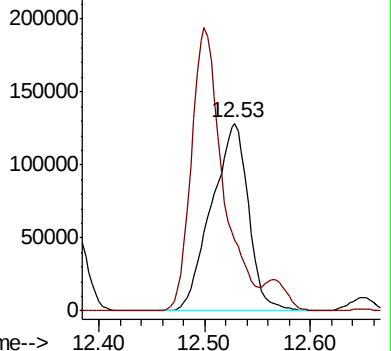
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062079.D (-3345) (-)

Ion 77.00 (76.70 to 77.70): VN062079.D (-3345) (-)

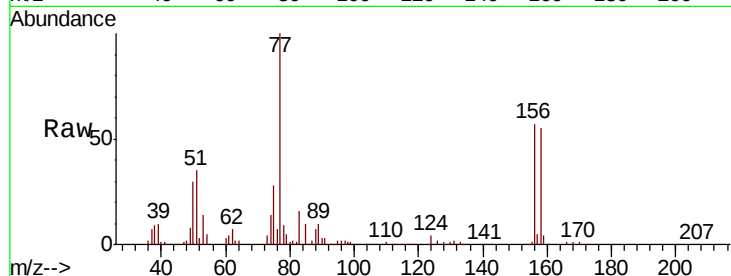




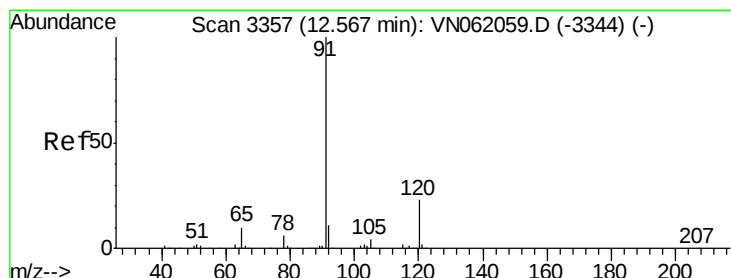
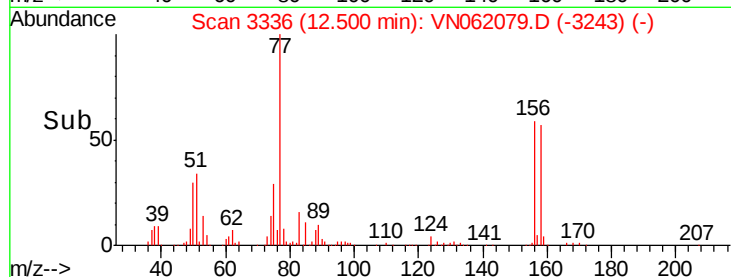
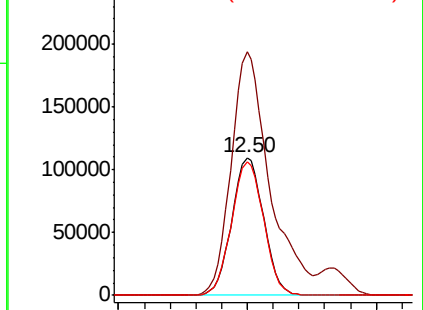
#77
Bromobenzene
Concen: 46.578 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062079.D
Acq: 24 Jun 2020 22:14

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion:156 Resp: 188082
Ion Ratio Lower Upper
156 100
77 214.1 104.6 313.8
158 97.8 48.0 144.0

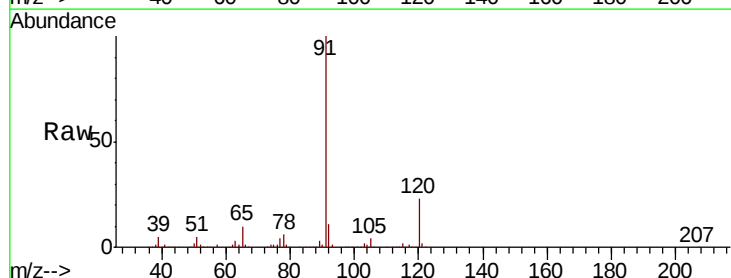


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

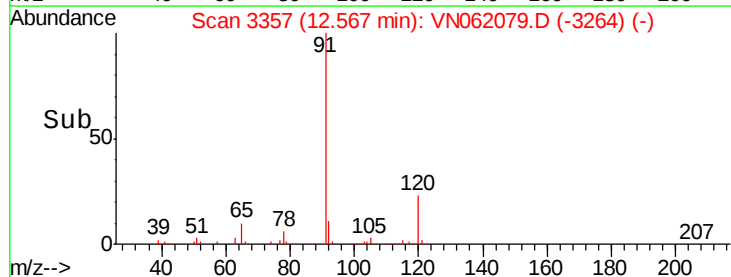
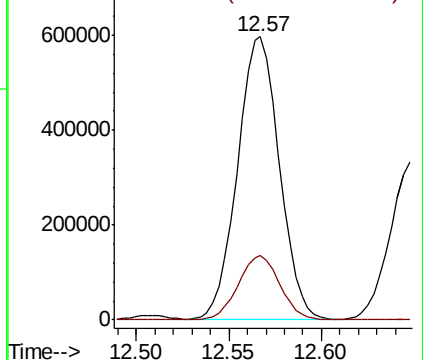


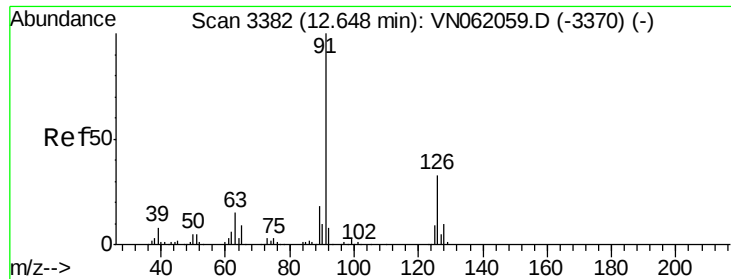
#78
n-propylbenzene
Concen: 49.899 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. -0.00 min
Lab File: VN062079.D
Acq: 24 Jun 2020 22:14

Tgt Ion: 91 Resp: 928356
Ion Ratio Lower Upper
91 100
120 22.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V

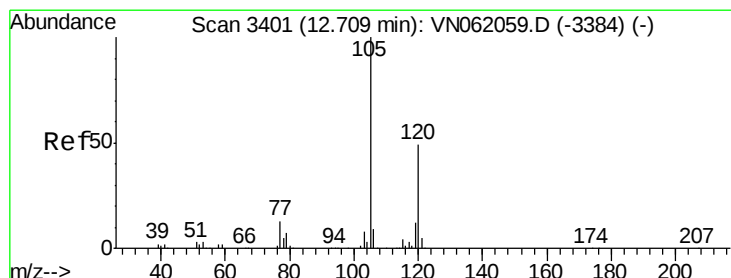
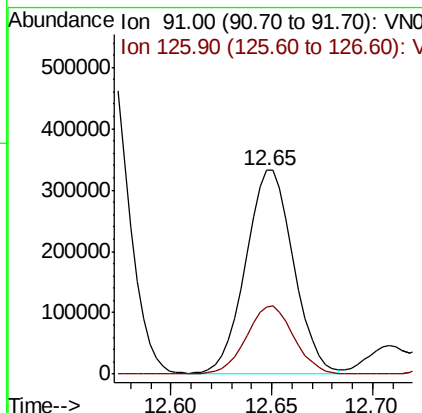
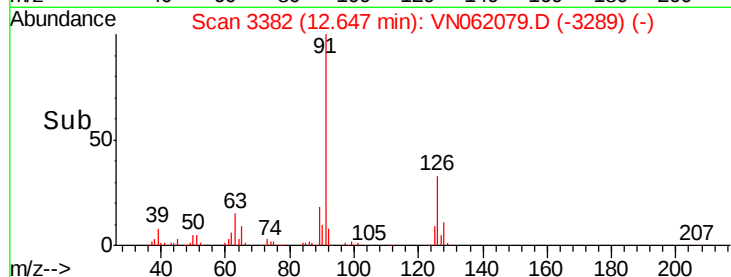
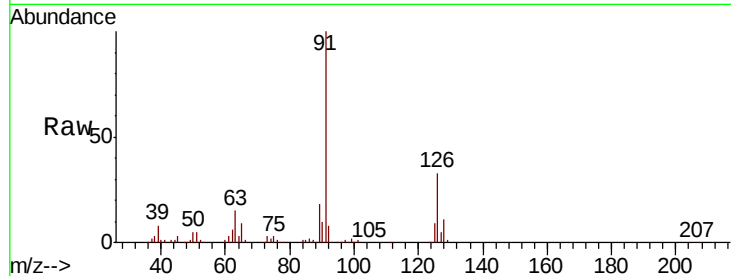




#79
 2-Chlorotoluene
 Concen: 48.602 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062079.D
 Acq: 24 Jun 2020 22:14

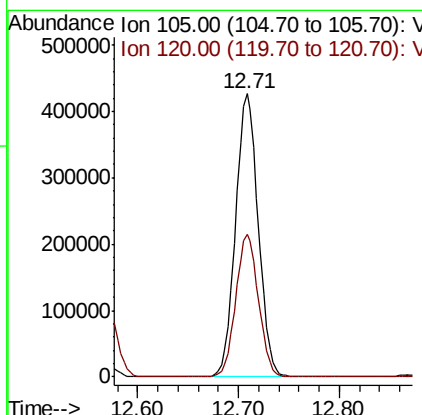
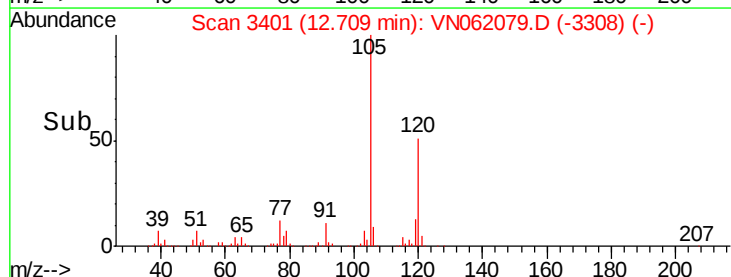
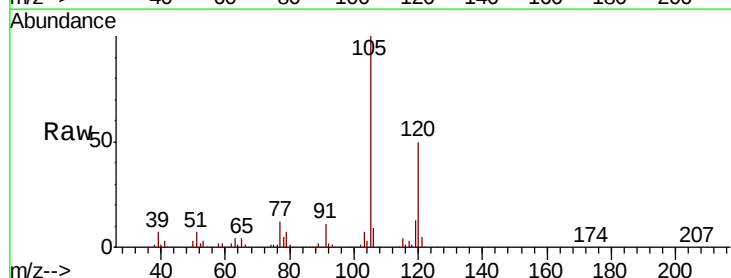
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

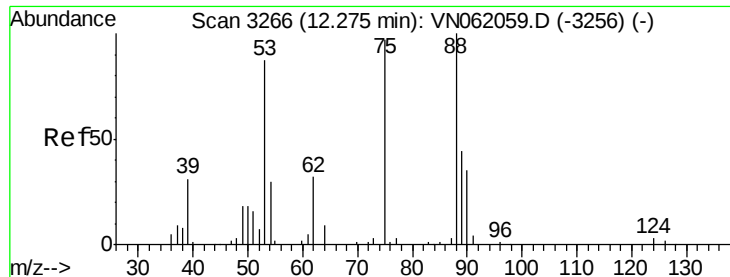
Tot Ion: 91 Resp: 546639
 Ion Ratio Lower Upper
 91 100
 126 33.6 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 50.368 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062079.D
 Acq: 24 Jun 2020 22:14

Tgt Ion: 105 Resp: 664106
 Ion Ratio Lower Upper
 105 100
 120 50.5 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 47.302 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

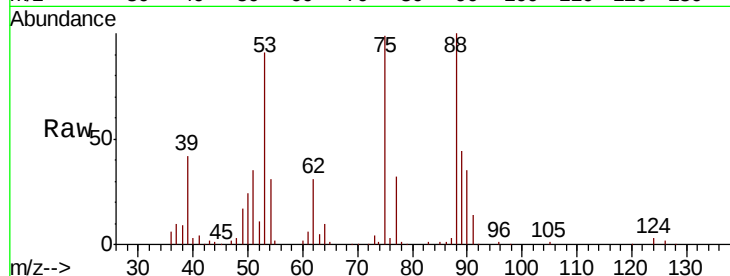
Tot Ion: 75 Resp: 80118

Ion Ratio Lower Upper

75 100

53 90.0 72.0 108.0

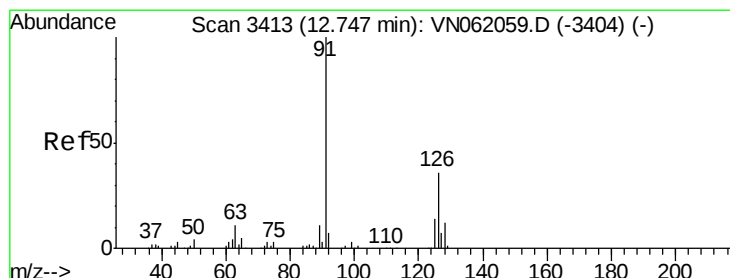
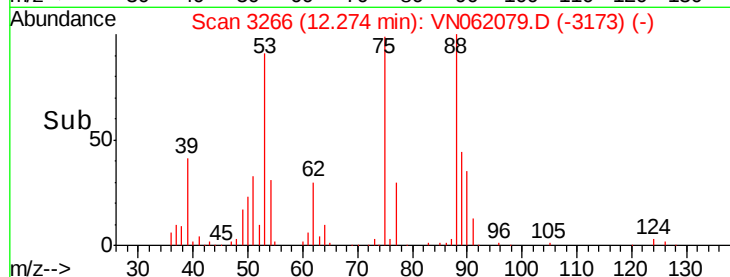
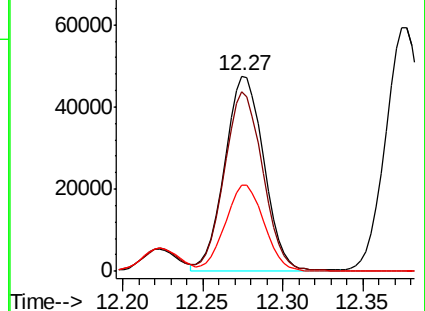
89 43.6 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN062079.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062079.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062079.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 48.426 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062079.D

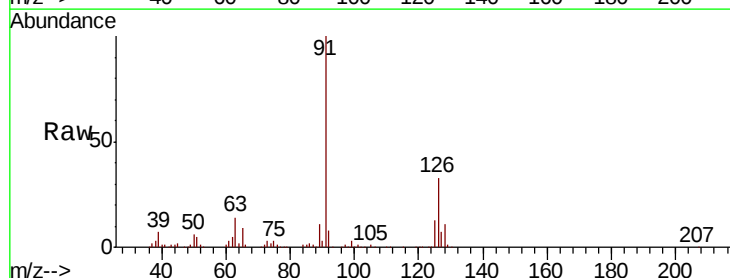
Acq: 24 Jun 2020 22:14

Tgt Ion: 91 Resp: 563236

Ion Ratio Lower Upper

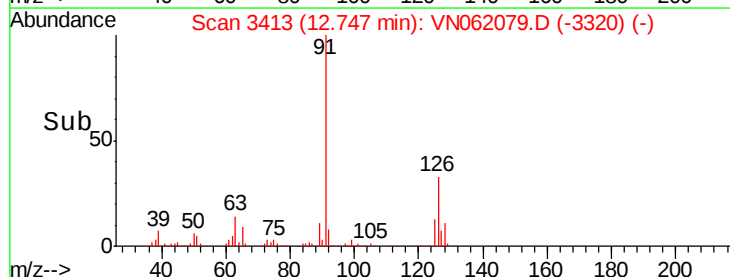
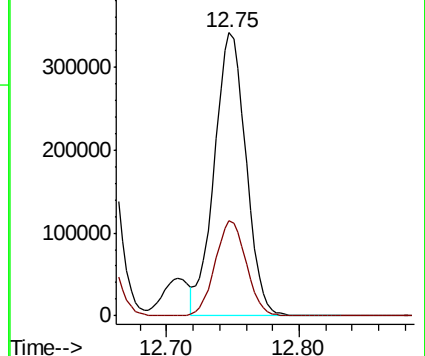
91 100

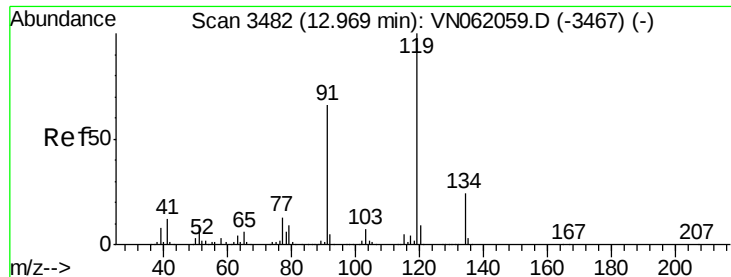
126 33.1 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN062079.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN062079.D (-3320) (-)

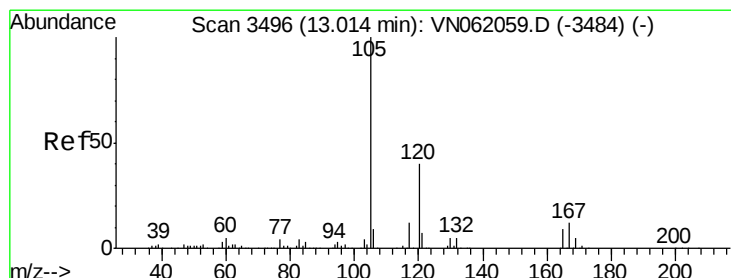
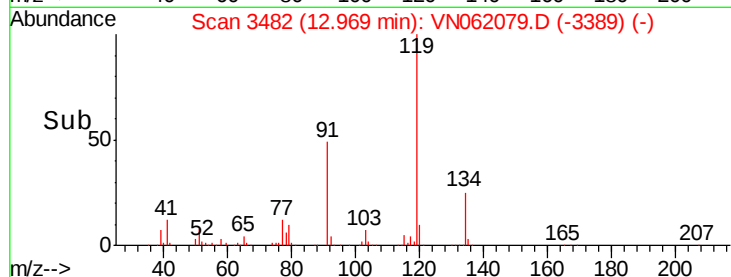
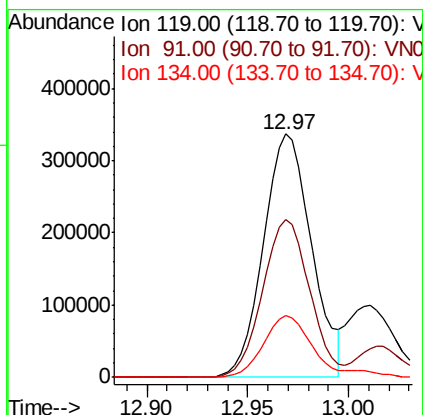
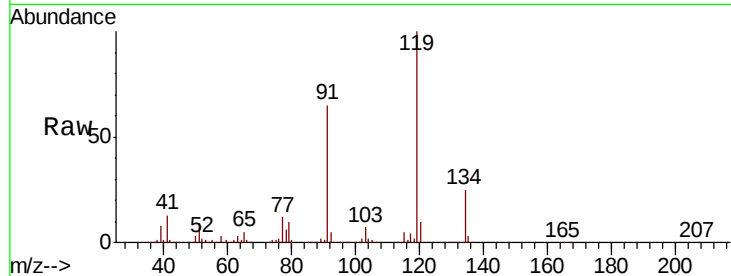




#83
tert-Butylbenzene
Concen: 49.509 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062079.D
Acq: 24 Jun 2020 22:14

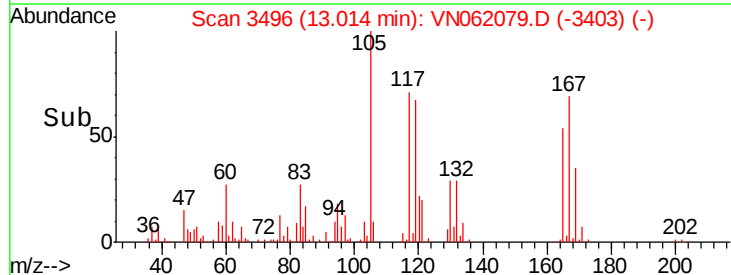
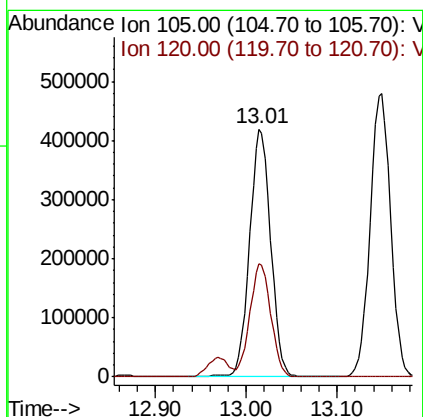
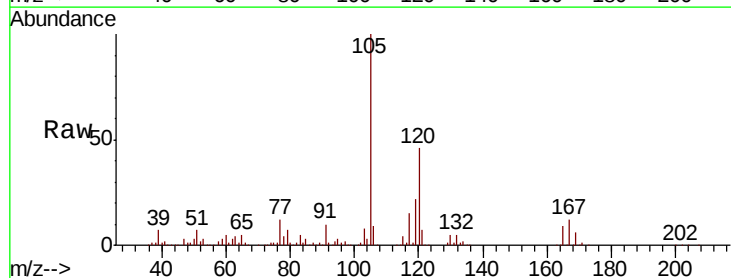
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

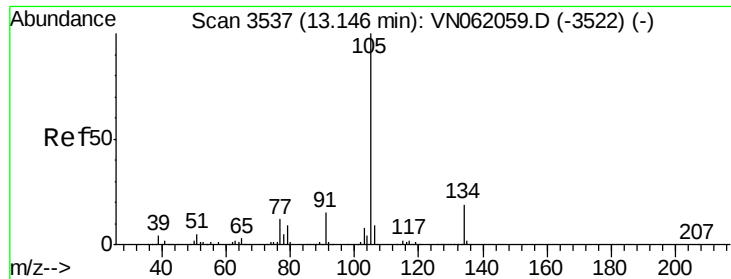
Tot Ion:119 Resp: 558657
Ion Ratio Lower Upper
119 100
91 63.5 31.7 95.1
134 25.1 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 51.273 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062079.D
Acq: 24 Jun 2020 22:14

Tgt Ion:105 Resp: 675195
Ion Ratio Lower Upper
105 100
120 45.3 23.2 69.5





#85

sec-Butylbenzene

Concen: 50.314 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

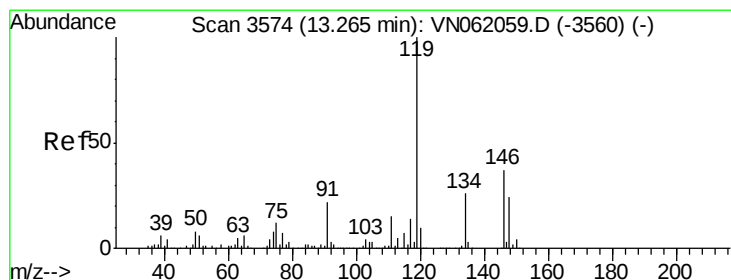
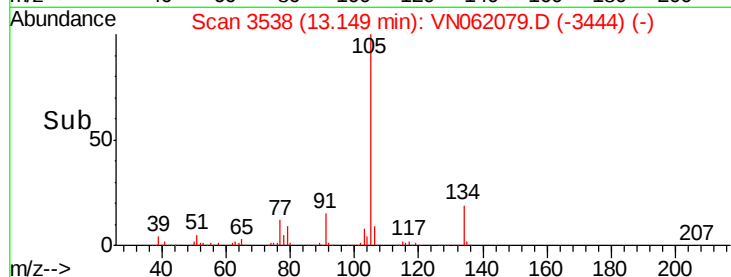
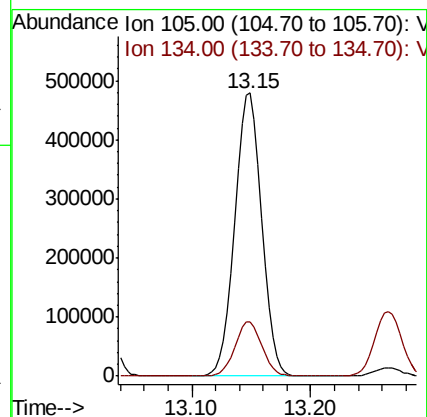
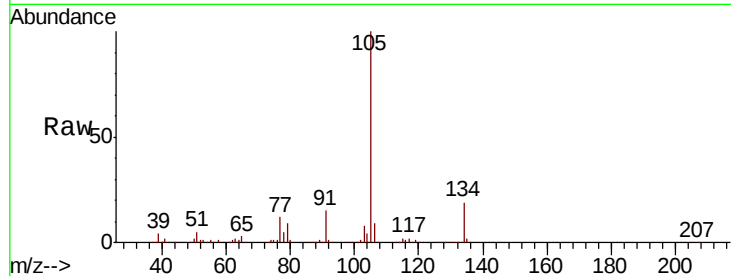
VSTDCCC050

Tot Ion:105 Resp: 750190

Ion Ratio Lower Upper

105 100

134 19.3 9.7 29.1



#86

p-Isopropyltoluene

Concen: 50.737 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062079.D

Acq: 24 Jun 2020 22:14

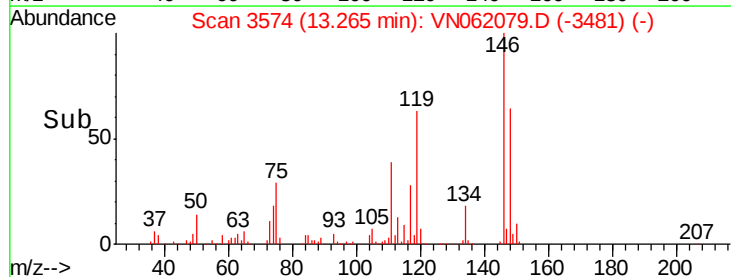
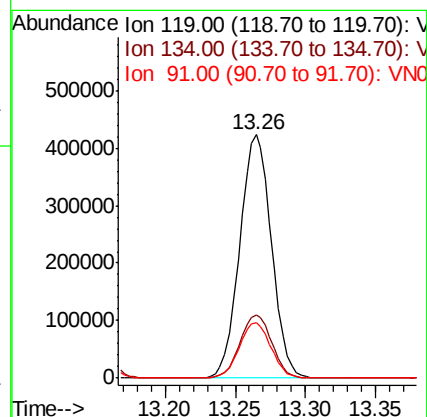
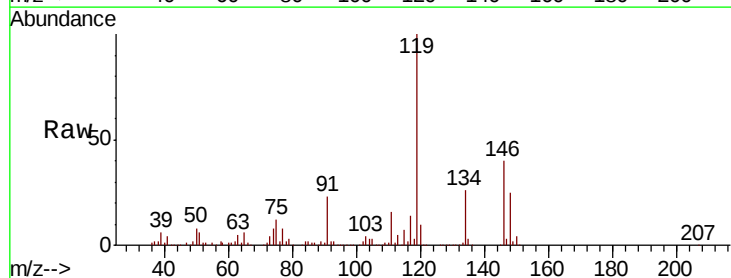
Tgt Ion:119 Resp: 662781

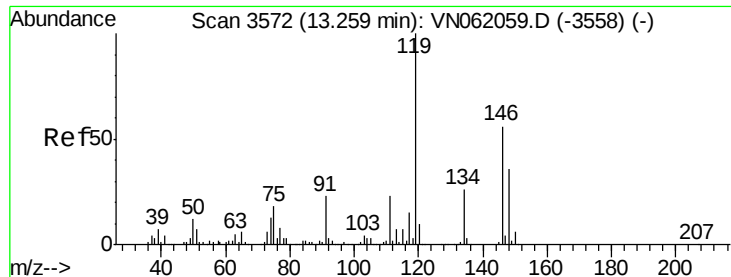
Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

91 22.9 11.3 33.8

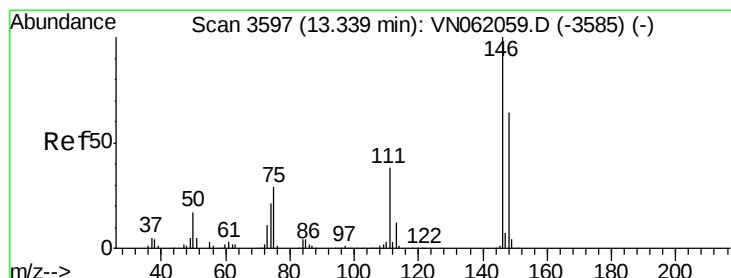
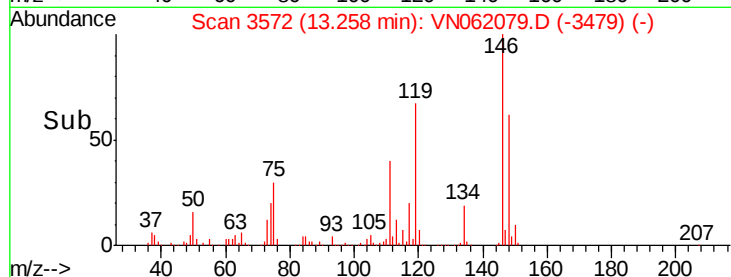
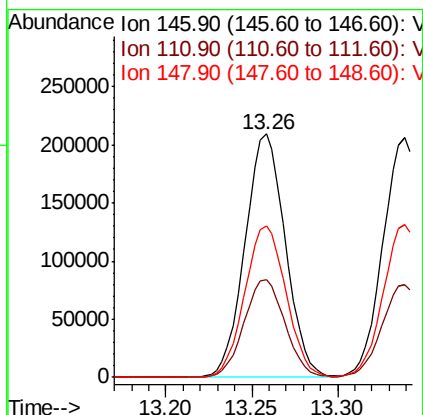
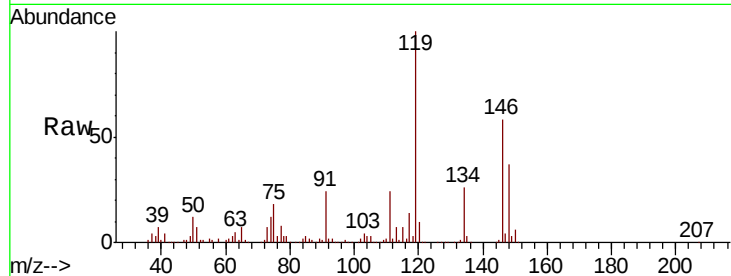




#87
 1,3-Dichlorobenzene
 Concen: 48.046 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062079.D
 Acq: 24 Jun 2020 22:14

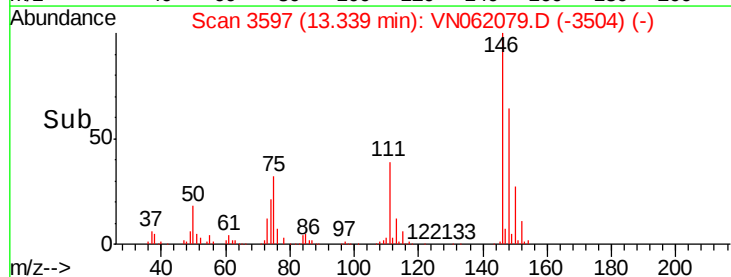
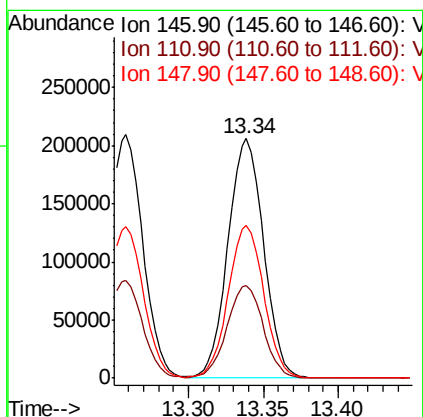
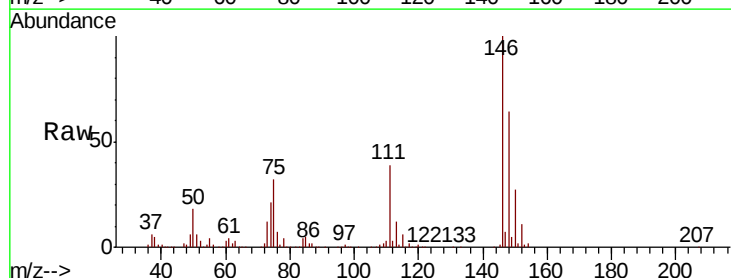
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

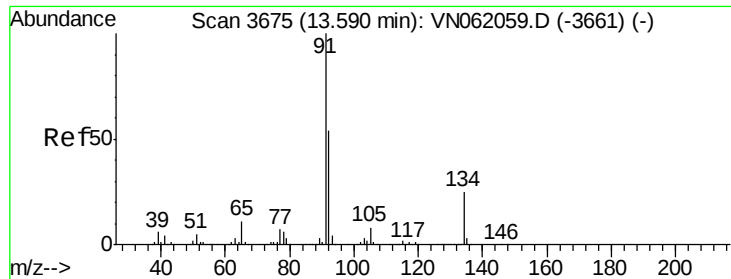
Tot Ion:146 Resp: 340684
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.3 61.0
 148 63.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 46.742 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062079.D
 Acq: 24 Jun 2020 22:14

Tgt Ion:146 Resp: 341649
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.9 59.6
 148 63.7 31.9 95.9

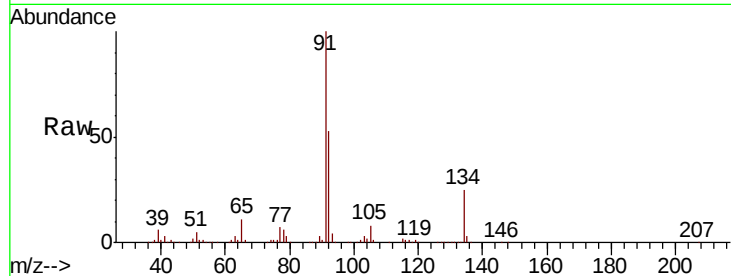




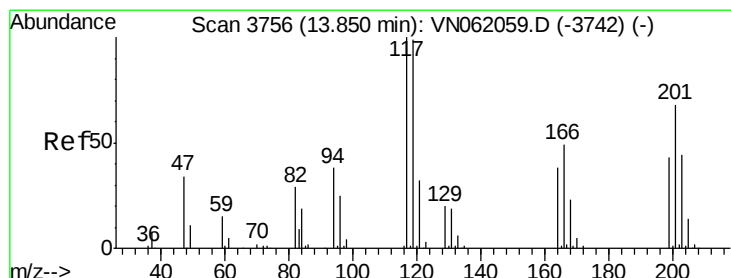
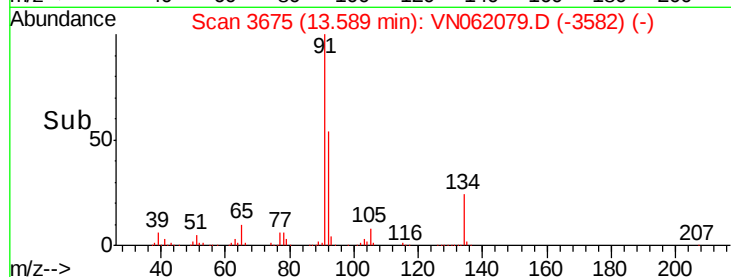
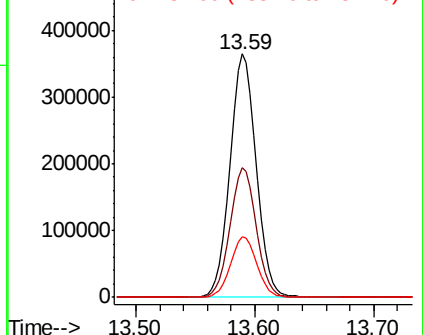
#89
n-Butylbenzene
Concen: 51.290 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062079.D
Acq: 24 Jun 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 557038
Ion Ratio Lower Upper
91 100
92 53.3 26.6 79.7
134 25.1 12.3 36.9

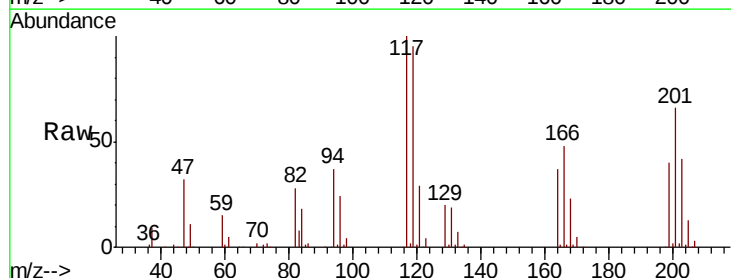


Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3661) (-)
Ion 92.00 (91.70 to 92.70): VN062059.D (-3661) (-)
Ion 134.00 (133.70 to 134.70): VN062059.D (-3661) (-)

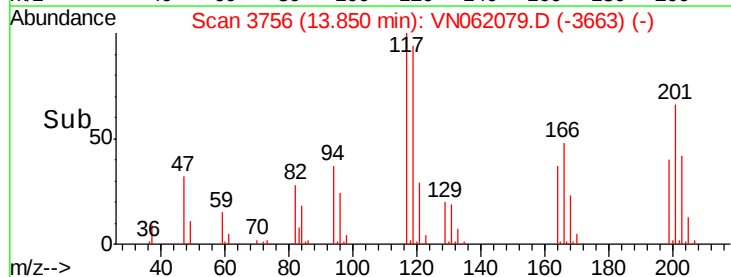
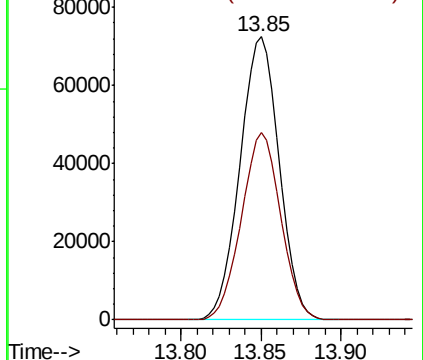


#90
Hexachloroethane
Concen: 47.336 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062079.D
Acq: 24 Jun 2020 22:14

Tgt Ion: 117 Resp: 121321
Ion Ratio Lower Upper
117 100
201 66.3 32.7 98.1



Abundance Ion 116.80 (116.50 to 117.50): VN062059.D (-3742) (-)
Ion 200.70 (200.40 to 201.40): VN062059.D (-3742) (-)

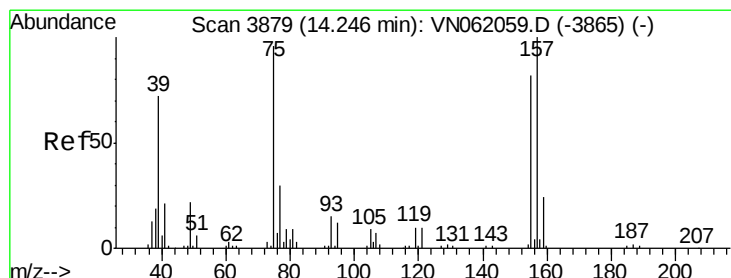
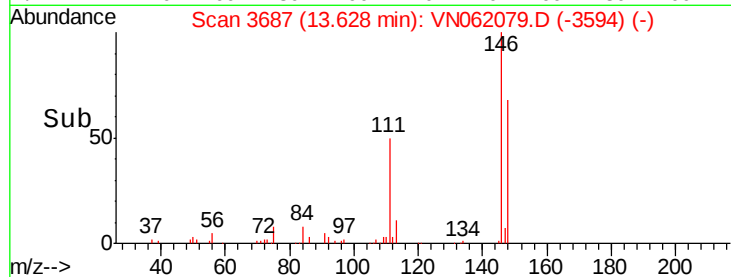
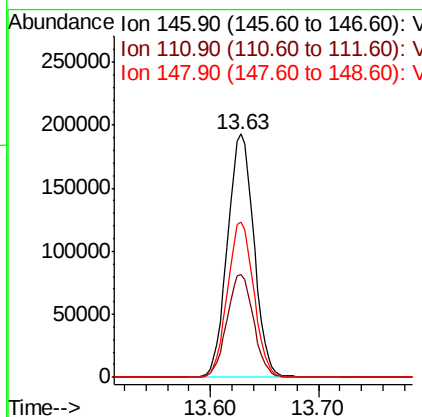
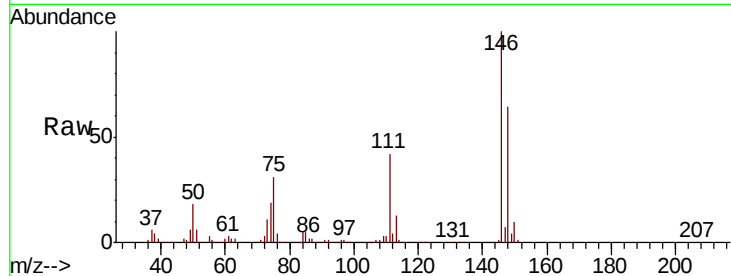




#91
 1,2-Dichlorobenzene
 Concen: 48.213 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062079.D
 Acq: 24 Jun 2020 22:14

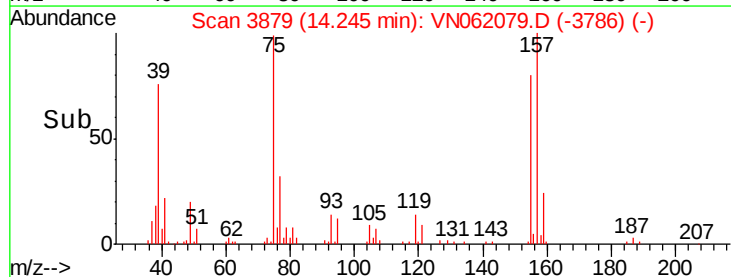
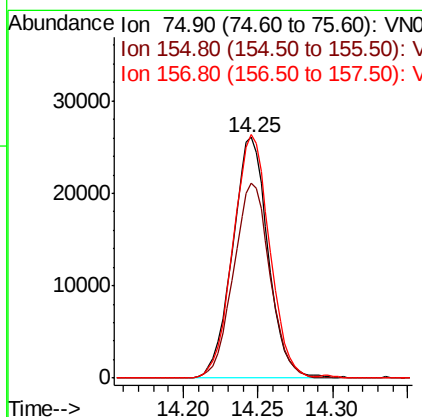
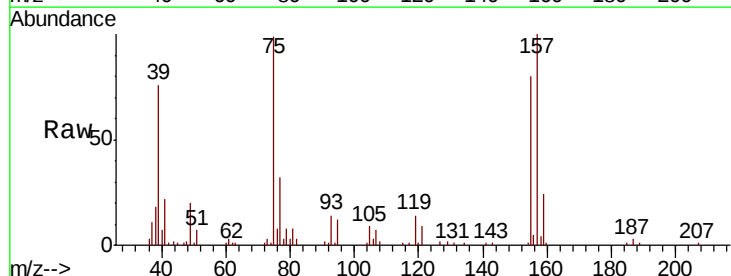
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

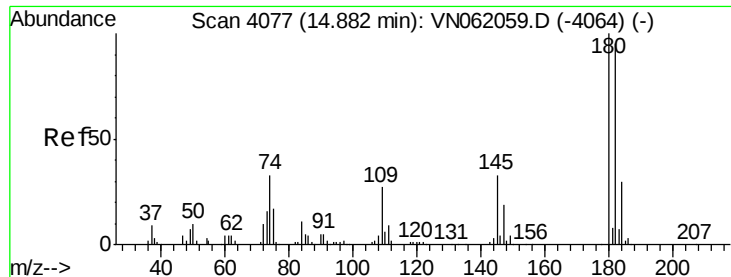
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.2	63.6
148	63.2	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.745 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062079.D
 Acq: 24 Jun 2020 22:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.8	40.8	122.4
157	103.6	51.4	154.3

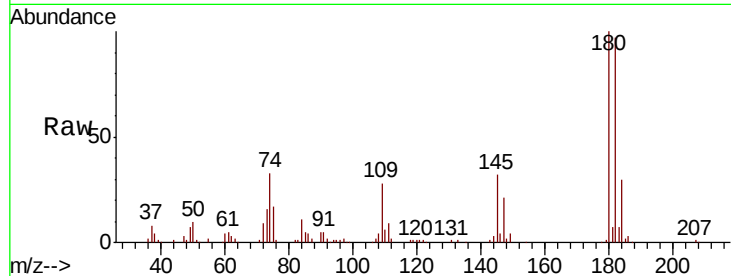




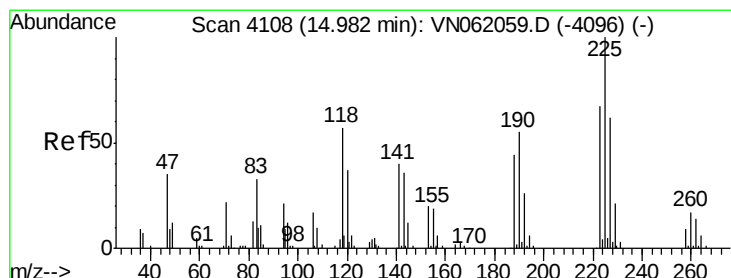
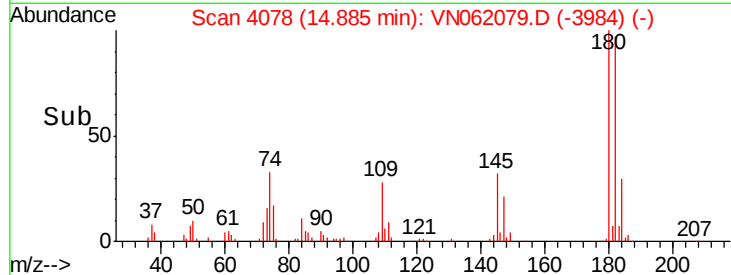
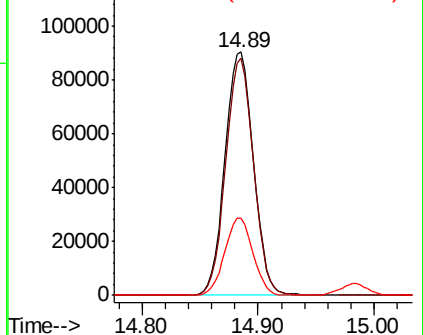
#93
 1,2,4-Trichlorobenzene
 Concen: 51.032 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062079.D
 Acq: 24 Jun 2020 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 153289
 Ion Ratio Lower Upper
 180 100
 182 94.8 48.0 144.2
 145 31.2 16.0 48.0

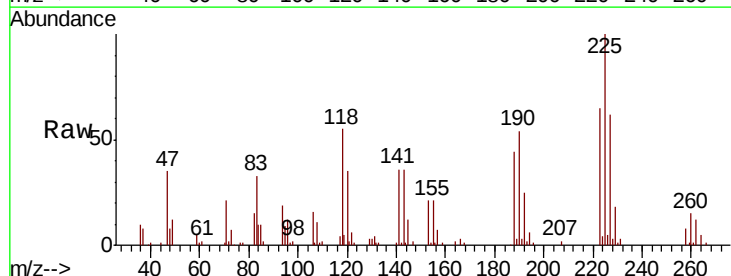


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

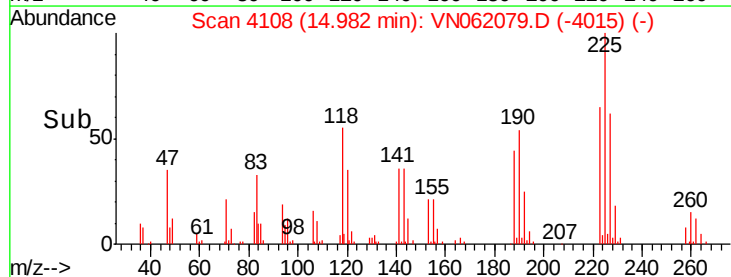
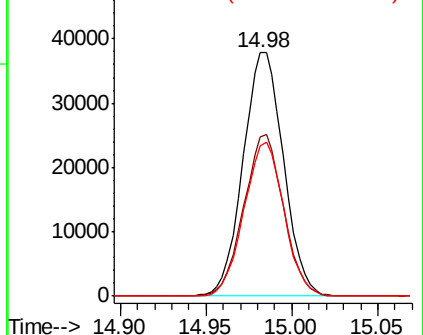


#94
 Hexachlorobutadiene
 Concen: 47.268 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062079.D
 Acq: 24 Jun 2020 22:14

Tgt Ion:225 Resp: 61668
 Ion Ratio Lower Upper
 225 100
 223 65.0 32.9 98.7
 227 62.5 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

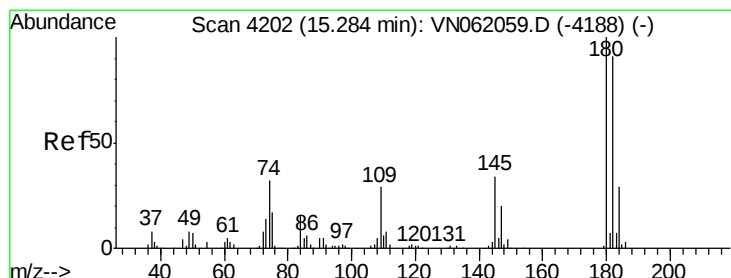
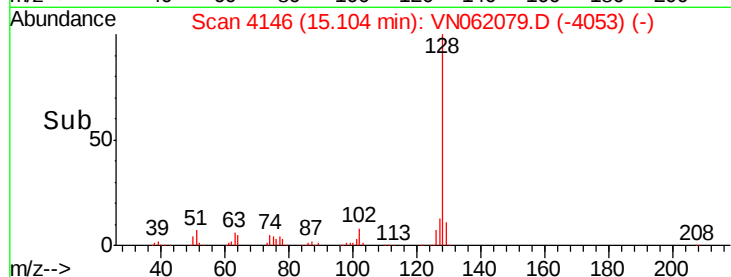
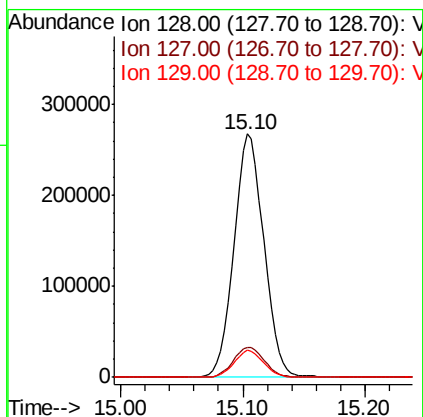
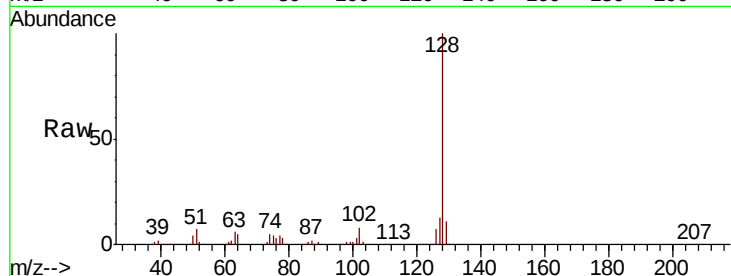




#95
Naphthalene
Concen: 45.775 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062079.D
Acq: 24 Jun 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 454775
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.727 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062079.D
Acq: 24 Jun 2020 22:14

Tgt Ion:180 Resp: 152731
Ion Ratio Lower Upper
180 100
182 95.6 46.8 140.4
145 34.6 16.4 49.2

