

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
 Data File : VN062203.D
 Acq On : 29 Jun 2020 21:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 30 04:29:49 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	223853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	405892	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	387881	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	184948	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	166522	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
35) Dibromofluoromethane	7.55	113	133458	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
50) Toluene-d8	10.06	98	530378	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.38	95	181800	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	116771	46.150	ug/l	99
3) Chloromethane	2.03	50	154851	52.038	ug/l	99
4) Vinyl Chloride	2.16	62	188137	47.215	ug/l	98
5) Bromomethane	2.52	94	123672	48.023	ug/l	100
6) Chloroethane	2.66	64	133488	49.041	ug/l	100
7) Trichlorofluoromethane	2.98	101	229134	46.668	ug/l	97
8) Diethyl Ether	3.37	74	89762	52.355	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	126566	49.225	ug/l	97
10) Methyl Iodide	3.91	142	163614	56.503	ug/l	99
11) Tert butyl alcohol	4.73	59	123213	273.177	ug/l	100
12) 1,1-Dichloroethene	3.69	96	128642	50.048	ug/l	97
13) Acrolein	3.56	56	117055	265.075	ug/l	99
14) Allyl chloride	4.27	41	185105	52.894	ug/l	99
15) Acrylonitrile	4.93	53	341427	277.788	ug/l	99
16) Acetone	3.78	43	265534	269.610	ug/l	97
17) Carbon Disulfide	4.00	76	354760	48.188	ug/l	99
18) Methyl Acetate	4.28	43	137488	55.056	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	443266	53.968	ug/l	99
20) Methylene Chloride	4.50	84	154448	53.573	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	142370	48.621	ug/l	94
22) Diisopropyl ether	5.90	45	435760	54.688	ug/l	98
23) Vinyl Acetate	5.84	43	1823009	280.226	ug/l	97
24) 1,1-Dichloroethane	5.80	63	265953	51.833	ug/l	99
25) 2-Butanone	6.79	43	425294	276.978	ug/l	99
26) 2,2-Dichloropropane	6.78	77	198888	46.516	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	168192	51.045	ug/l	100
28) Bromochloromethane	7.15	49	115607	51.929	ug/l	94
29) Tetrahydrofuran	7.17	42	290277	288.600	ug/l	99
30) Chloroform	7.33	83	272225	52.146	ug/l	99
31) Cyclohexane	7.61	56	215746	49.709	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	224936	51.093	ug/l	99
36) 1,1-Dichloropropene	7.75	75	198524	48.660	ug/l	99
37) Ethyl Acetate	6.88	43	181919	53.849	ug/l	99
38) Carbon Tetrachloride	7.73	117	185830	48.313	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
 Data File : VN062203.D
 Acq On : 29 Jun 2020 21:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Jun 30 04:29:49 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)
39) Methylcyclohexane	9.05	83	226447	50.657	ug/l	100
40) Benzene	8.00	78	625387	50.292	ug/l	100
41) Methacrylonitrile	7.17	41	263913	168.505	ug/l #	14
42) 1,2-Dichloroethane	8.08	62	214835	51.134	ug/l	100
43) Isopropyl Acetate	8.13	43	299039	54.300	ug/l	98
44) Trichloroethene	8.80	130	150336	47.927	ug/l	100
45) 1,2-Dichloropropane	9.08	63	161287	52.574	ug/l	99
46) Dibromomethane	9.17	93	107985	51.916	ug/l	97
47) Bromodichloromethane	9.37	83	222949	53.086	ug/l	99
48) Methyl methacrylate	9.17	41	138870	56.239	ug/l	97
49) 1,4-Dioxane	9.17	88	58048	1060.059	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	934951	290.572	ug/l	99
52) Toluene	10.12	92	395089	52.072	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	237969	51.503	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	259476	52.747	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	157586	52.837	ug/l	99
56) Ethyl methacrylate	10.40	69	230120	57.815	ug/l	99
57) 1,3-Dichloropropane	10.68	76	269541	52.505	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	420674	248.354	ug/l	99
59) 2-Hexanone	10.72	43	687985	296.106	ug/l	100
60) Dibromochloromethane	10.87	129	165316	52.354	ug/l	99
61) 1,2-Dibromoethane	10.98	107	161101	52.569	ug/l	99
64) Tetrachloroethene	10.60	164	120323	45.412	ug/l	98
65) Chlorobenzene	11.41	112	417828	49.053	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	148046	50.263	ug/l	100
67) Ethyl Benzene	11.48	91	753719	52.394	ug/l	98
68) m/p-Xylenes	11.60	106	575123	103.362	ug/l	99
69) o-Xylene	11.92	106	274704	52.326	ug/l	98
70) Styrene	11.94	104	468464	53.506	ug/l	99
71) Bromoform	12.10	173	106583	50.895	ug/l #	98
73) Isopropylbenzene	12.22	105	732529	51.167	ug/l	99
74) N-amyl acetate	12.05	43	271021	51.331	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	241091	50.605	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	301676	69.290	ug/l #	100
77) Bromobenzene	12.50	156	170345	47.926	ug/l	94
78) n-propylbenzene	12.57	91	847080	51.727	ug/l	99
79) 2-Chlorotoluene	12.65	91	498733	50.377	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	605573	52.179	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	76460	51.286	ug/l	97
82) 4-Chlorotoluene	12.75	91	518582	50.655	ug/l	98
83) tert-Butylbenzene	12.97	119	511872	51.537	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	601753	51.915	ug/l	100
85) sec-Butylbenzene	13.15	105	703745	53.622	ug/l	100
86) p-Isopropyltoluene	13.26	119	615108	53.495	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	306260	49.070	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	303811	47.222	ug/l	100
89) n-Butylbenzene	13.59	91	525437	54.965	ug/l	99
90) Hexachloroethane	13.85	117	115933	51.390	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	300975	49.729	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	41142	53.908	ug/l	97

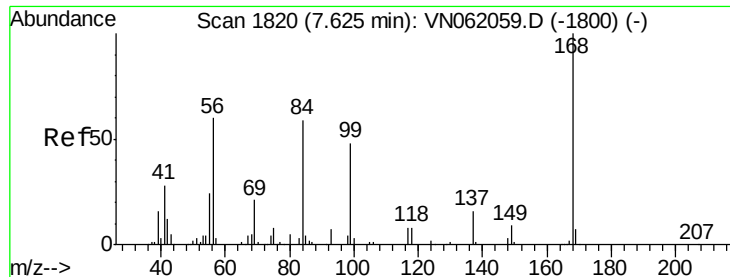
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
Data File : VN062203.D
Acq On : 29 Jun 2020 21:20
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 30 04:29:49 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)
93) 1,2,4-Trichlorobenzene	14.88	180	135162	51.121	ug/l	99
94) Hexachlorobutadiene	14.98	225	59620	51.918	ug/l	98
95) Naphthalene	15.10	128	403631	46.123	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	138858	51.363	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

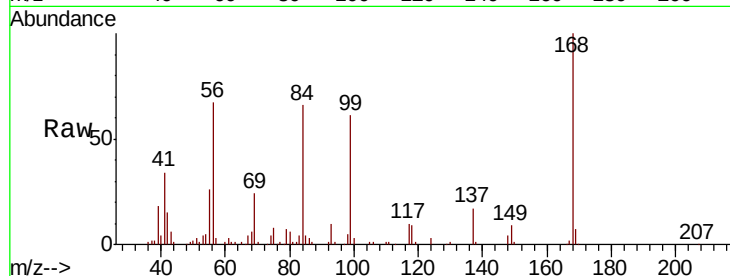
VSTDCCC050EC

Tot Ion:168 Resp: 223853

Ion Ratio Lower Upper

168 100

99 60.4 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

60000

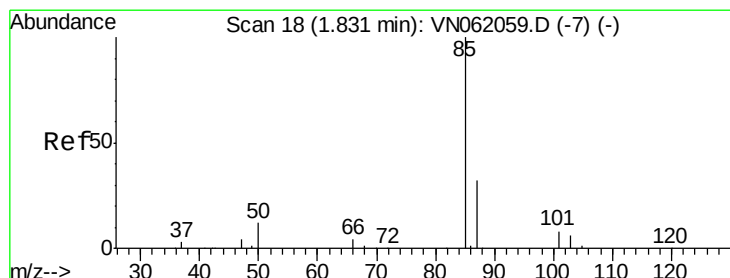
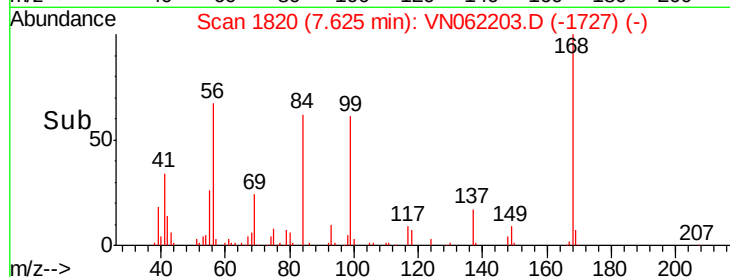
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 46.150 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062203.D

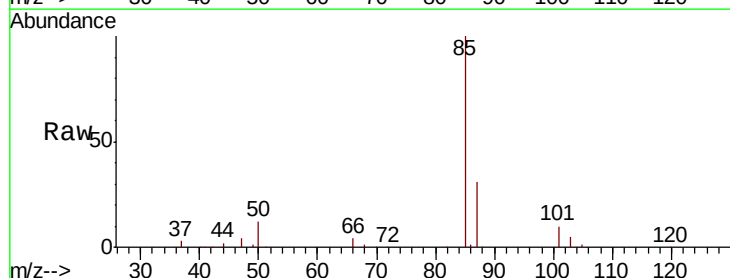
Acq: 29 Jun 2020 21:20

Tgt Ion: 85 Resp: 116771

Ion Ratio Lower Upper

85 100

87 31.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

100000

80000

60000

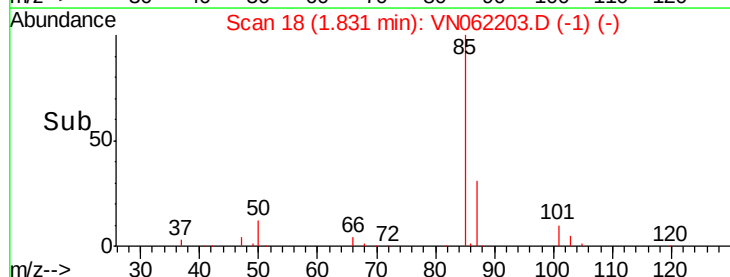
40000

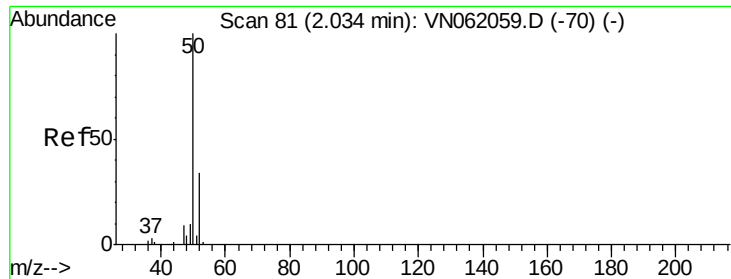
20000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 52.038 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

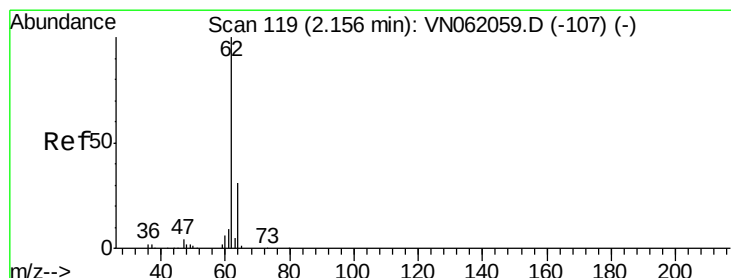
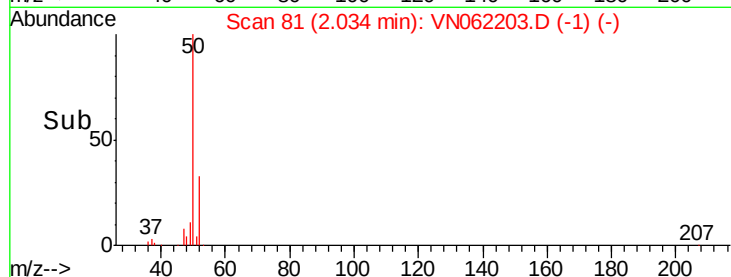
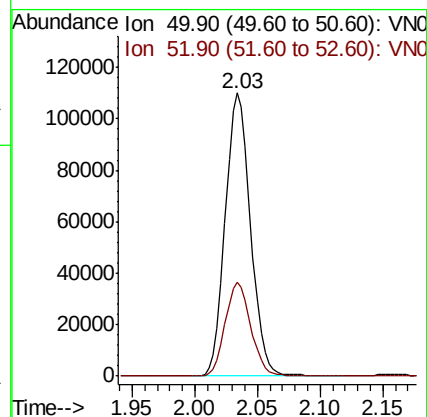
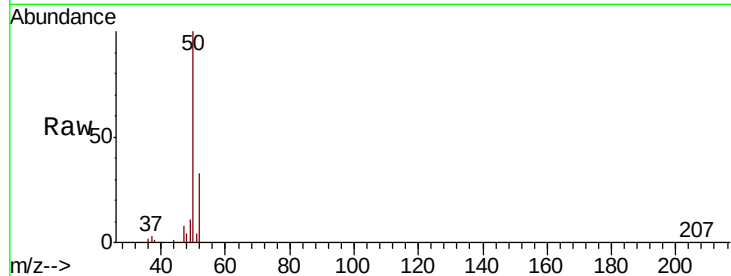
VSTDCCC050EC

Tot Ion: 50 Resp: 154851

Ion Ratio Lower Upper

50 100

52 33.1 27.0 40.6



#4

Vinyl Chloride

Concen: 47.215 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062203.D

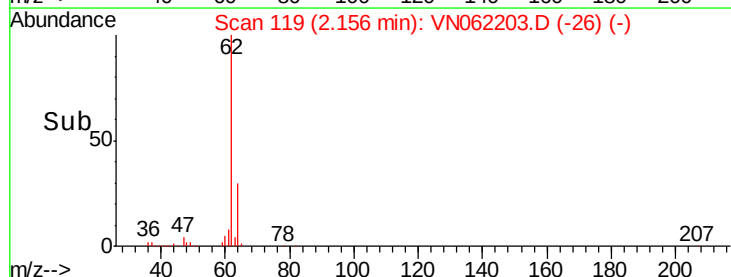
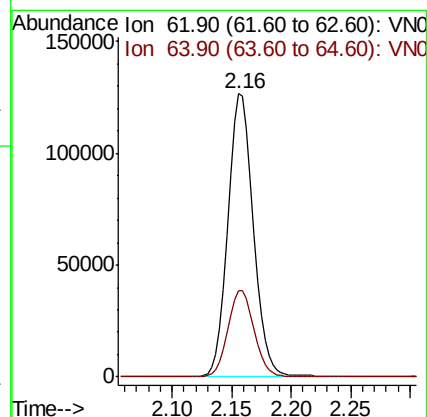
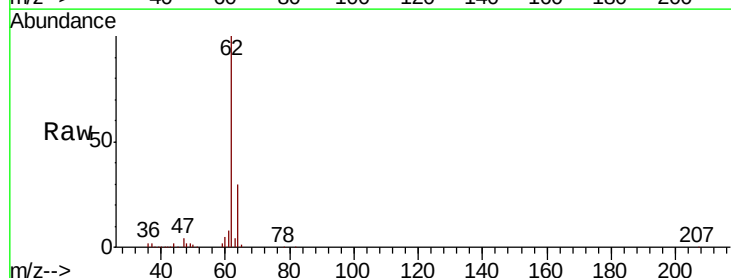
Acq: 29 Jun 2020 21:20

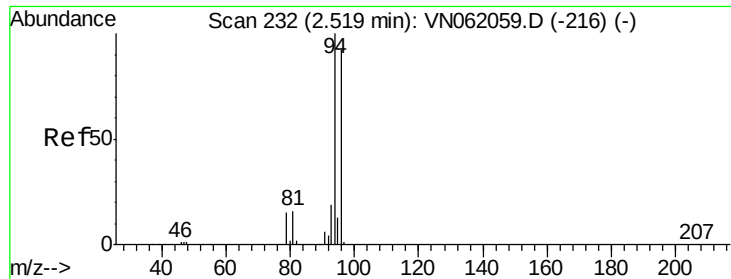
Tgt Ion: 62 Resp: 188137

Ion Ratio Lower Upper

62 100

64 30.5 25.1 37.7





#5

Bromomethane

Concen: 48.023 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

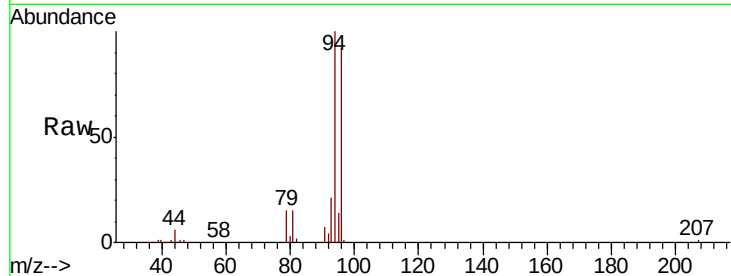
VSTDCCC050EC

Tot Ion: 94 Resp: 123672

Ion Ratio Lower Upper

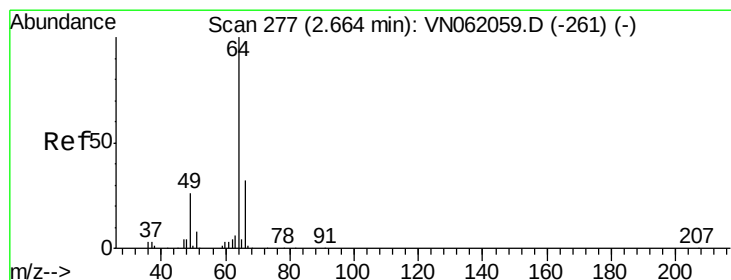
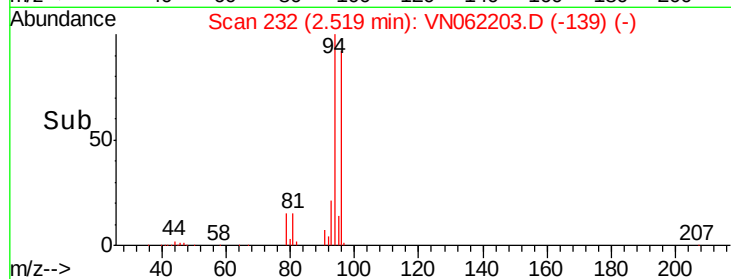
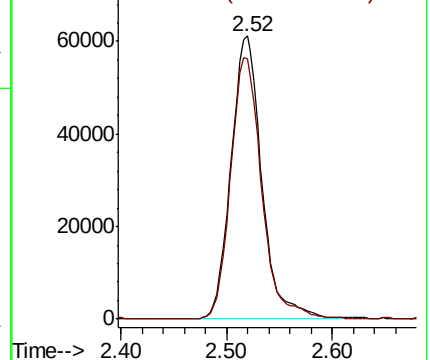
94 100

96 91.8 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 49.041 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN062203.D

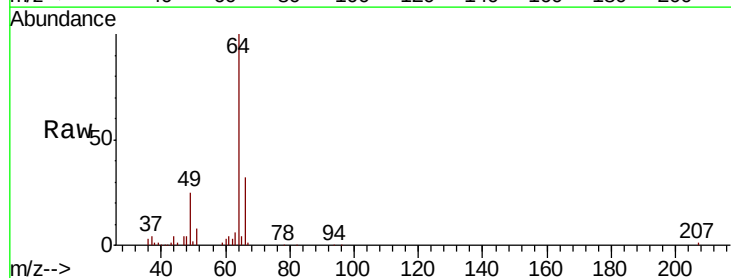
Acq: 29 Jun 2020 21:20

Tgt Ion: 64 Resp: 133488

Ion Ratio Lower Upper

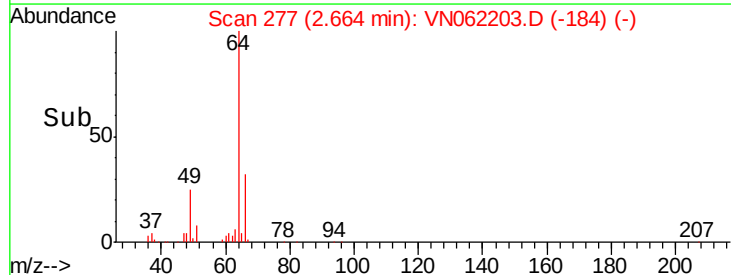
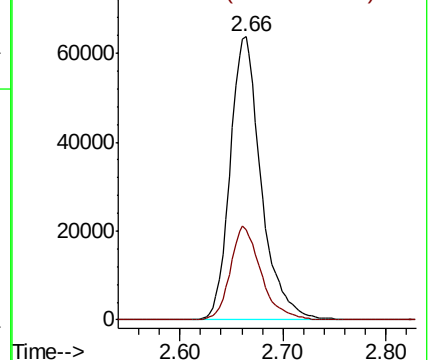
64 100

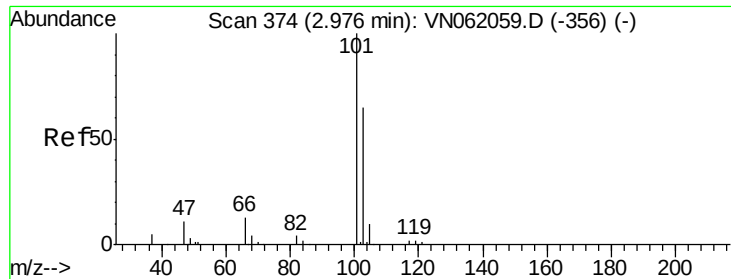
66 32.0 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



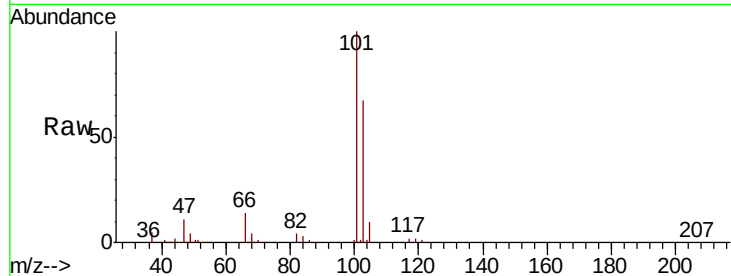


#7

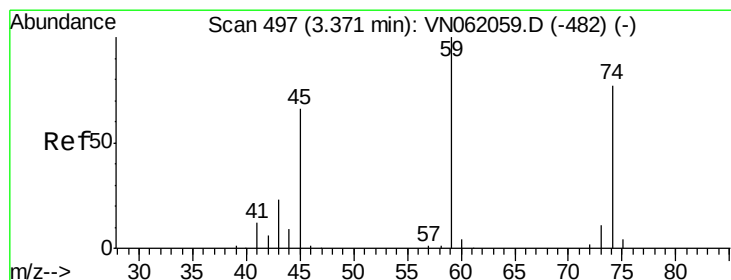
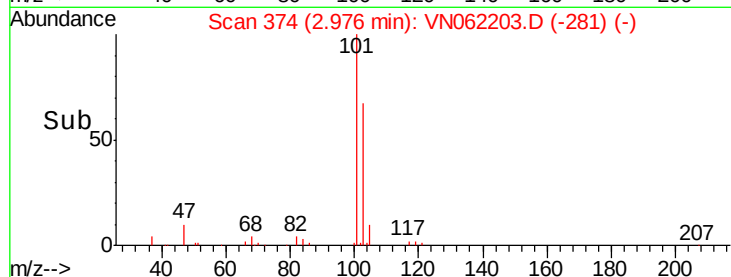
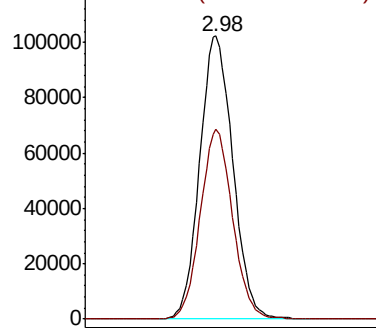
Trichlorofluoromethane
Concen: 46.668 ug/l
RT: 2.98 min Scan# 374
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 229134
Ion Ratio Lower Upper
101 100
103 66.9 51.8 77.6



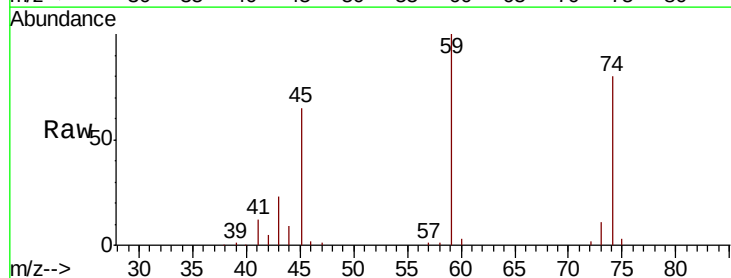
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



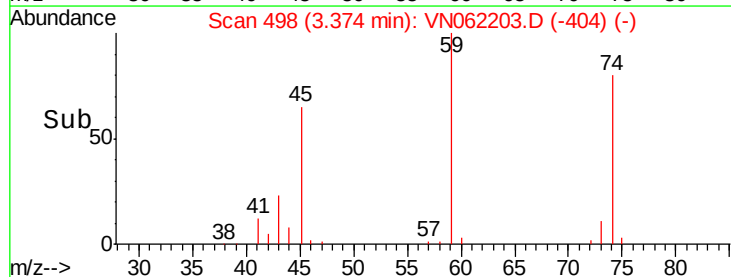
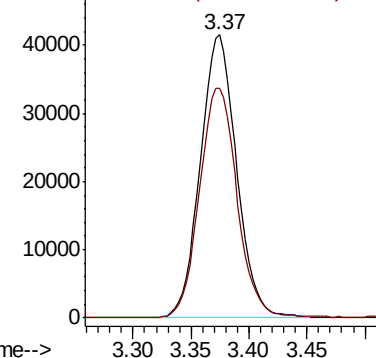
#8

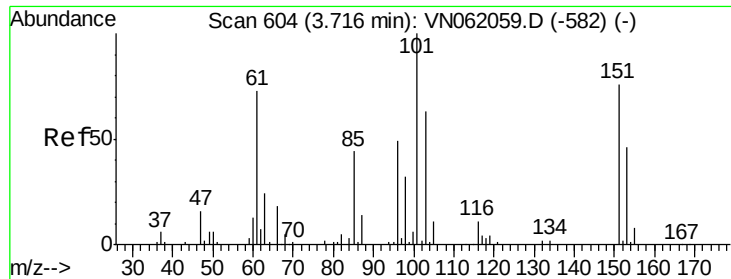
Diethyl Ether
Concen: 52.355 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Tgt Ion: 74 Resp: 89762
Ion Ratio Lower Upper
74 100
45 84.3 42.5 127.5



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.225 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

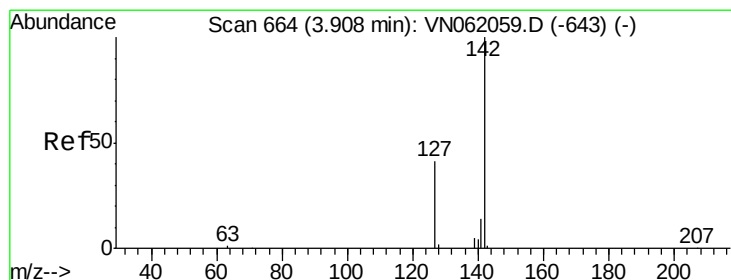
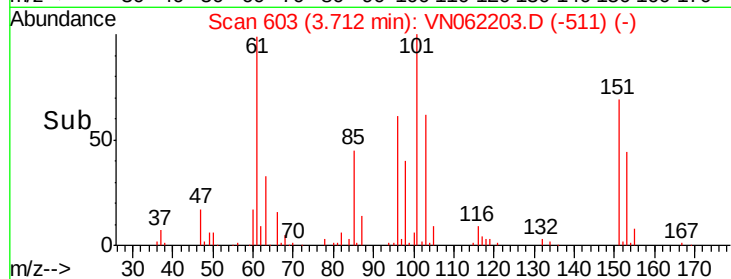
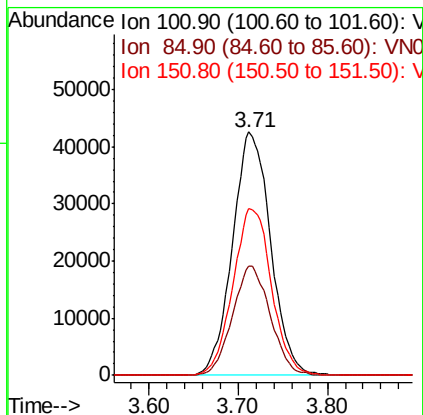
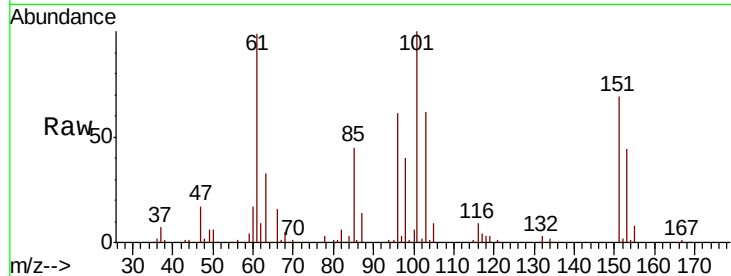
Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 126566

Ion	Ratio	Lower	Upper
101	100		
85	44.5	34.5	51.7
151	69.2	57.8	86.8



#10

Methyl Iodide

Concen: 56.503 ug/l

RT: 3.91 min Scan# 663

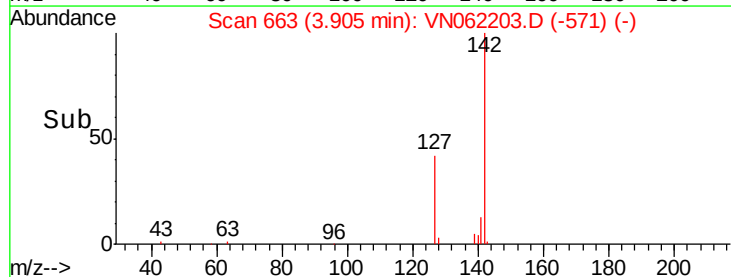
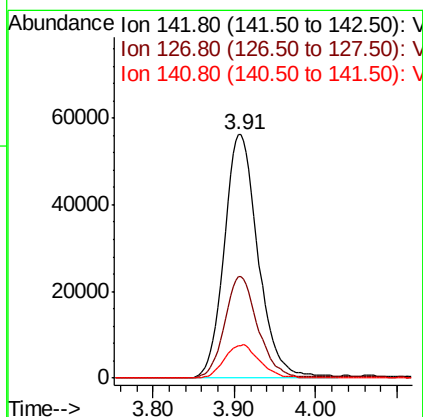
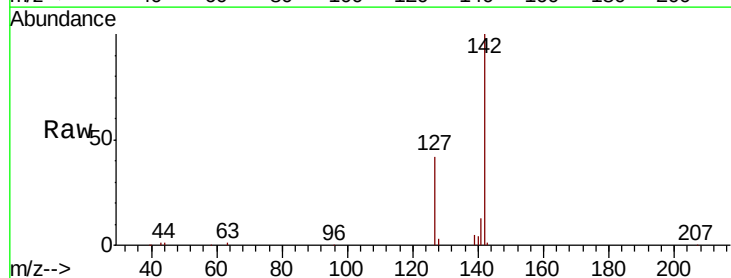
Delta R.T. -0.00 min

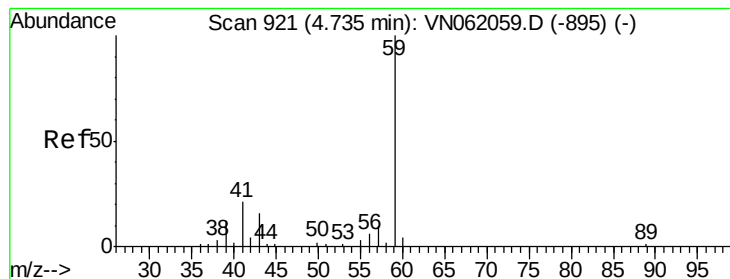
Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Tgt Ion:142 Resp: 163614

Ion	Ratio	Lower	Upper
142	100		
127	40.8	33.6	50.4
141	14.1	11.3	16.9



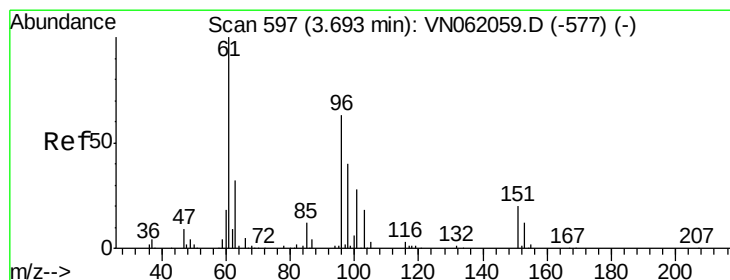
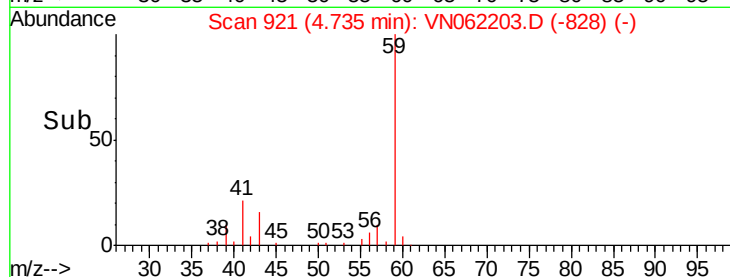
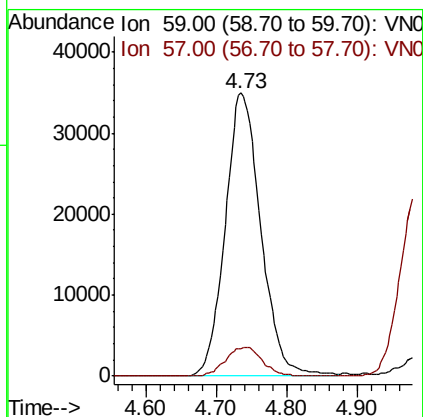
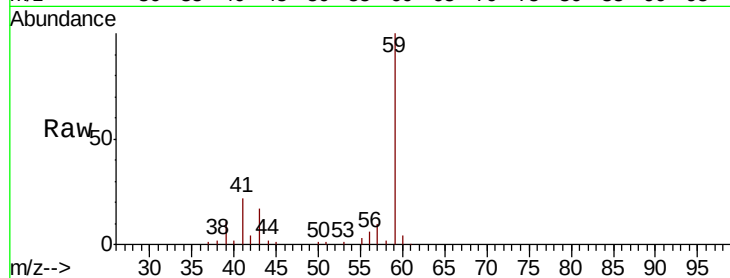


#11

Tert butyl alcohol
Concen: 273.177 ug/l
RT: 4.73 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

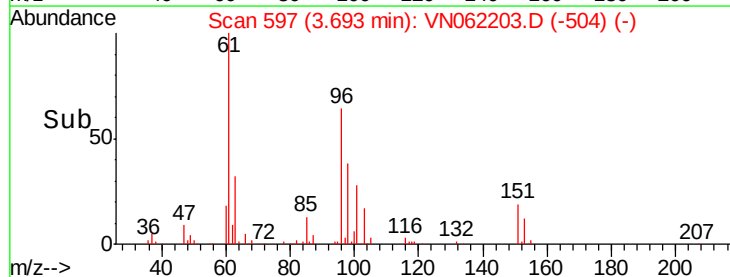
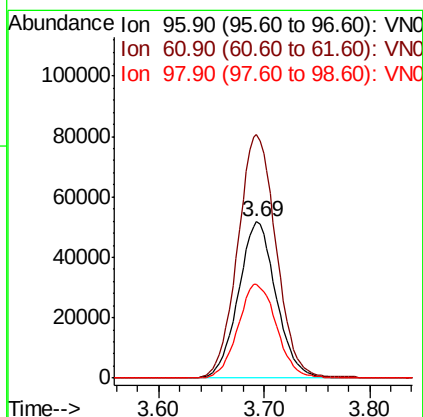
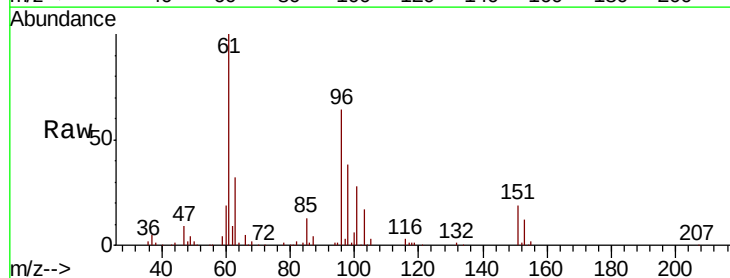
Tot Ion: 59 Resp: 123213
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

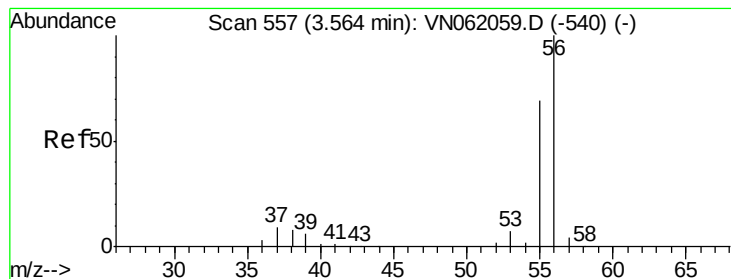


#12

1,1-Dichloroethene
Concen: 50.048 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Tgt Ion: 96 Resp: 128642
Ion Ratio Lower Upper
96 100
61 156.0 126.7 190.1
98 60.0 51.0 76.4





#13

Acrolein

Concen: 265.075 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

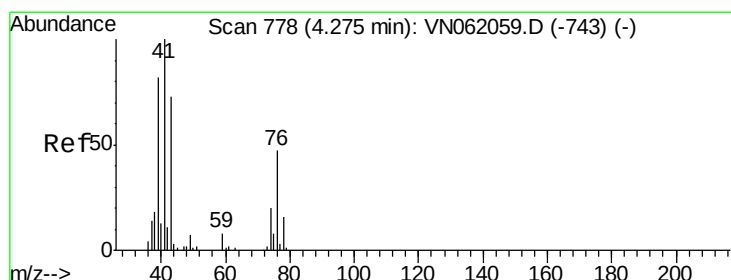
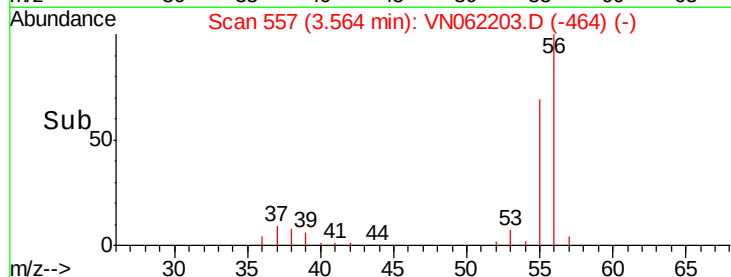
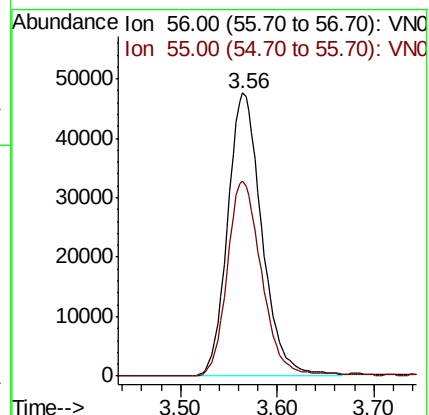
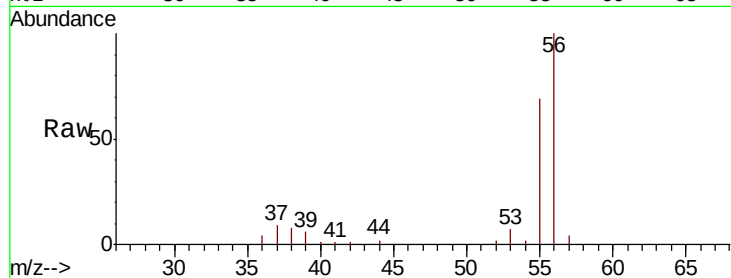
VSTDCCC050EC

Tot Ion: 56 Resp: 117055

Ion Ratio Lower Upper

56 100

55 69.0 55.5 83.3



#14

Allyl chloride

Concen: 52.894 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

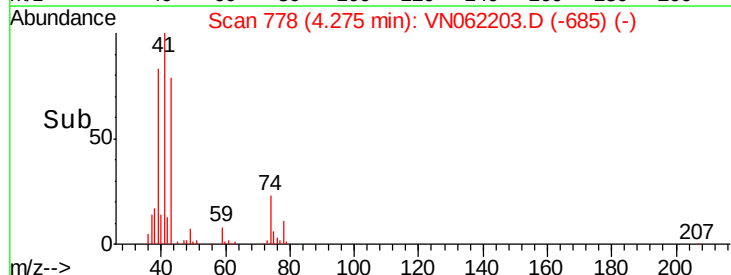
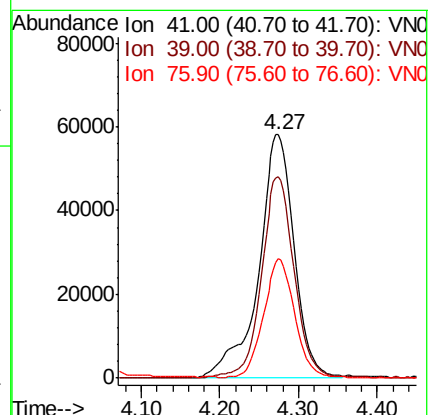
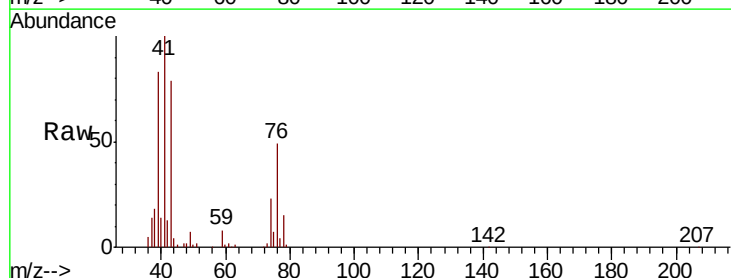
Tgt Ion: 41 Resp: 185105

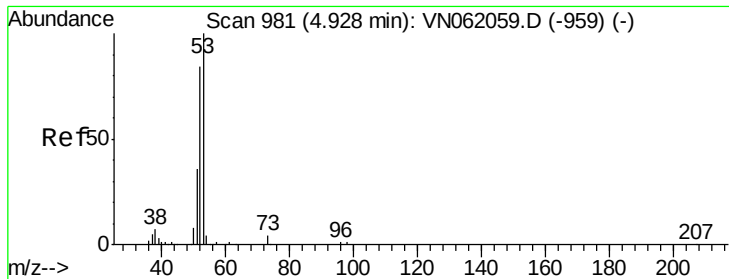
Ion Ratio Lower Upper

41 100

39 76.0 60.0 90.0

76 43.0 34.1 51.1





#15

Acrylonitrile

Concen: 277.788 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

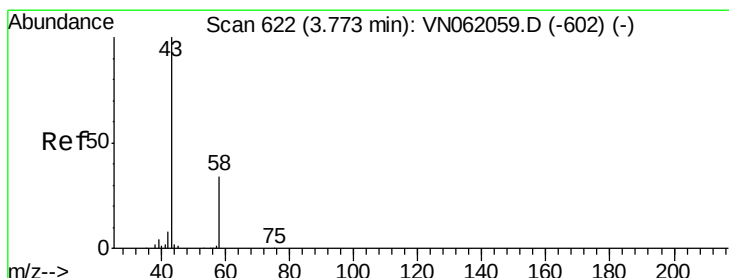
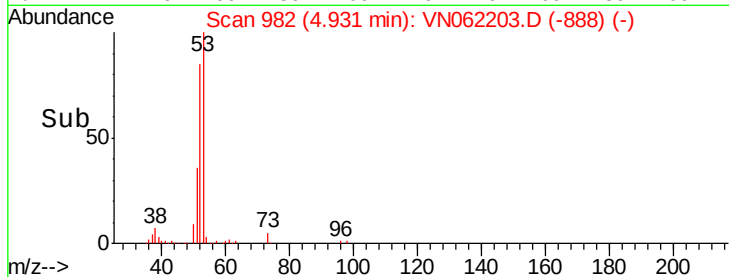
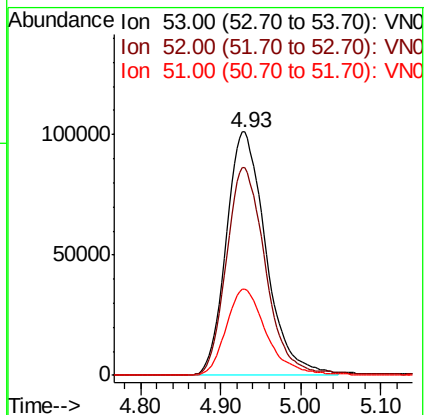
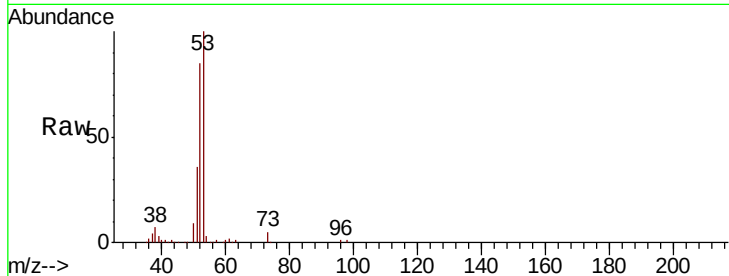
Tot Ion: 53 Resp: 341427

Ion Ratio Lower Upper

53 100

52 84.3 66.2 99.4

51 36.0 28.9 43.3



#16

Acetone

Concen: 269.610 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062203.D

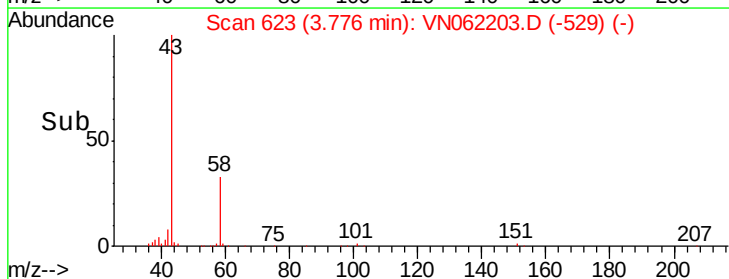
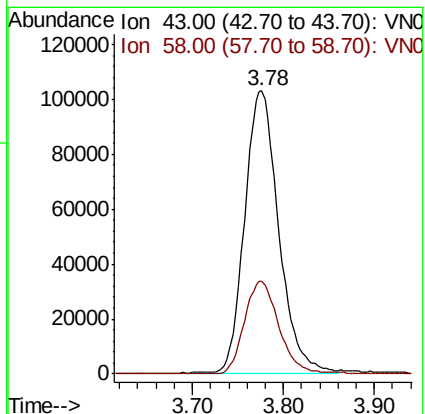
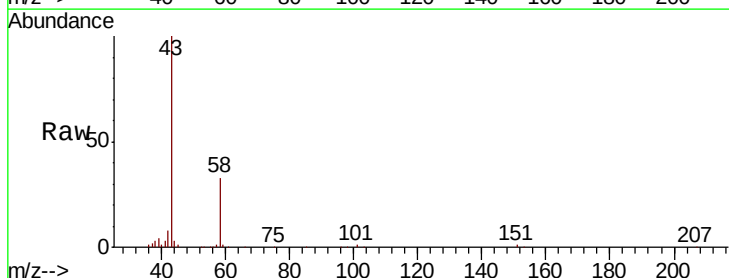
Acq: 29 Jun 2020 21:20

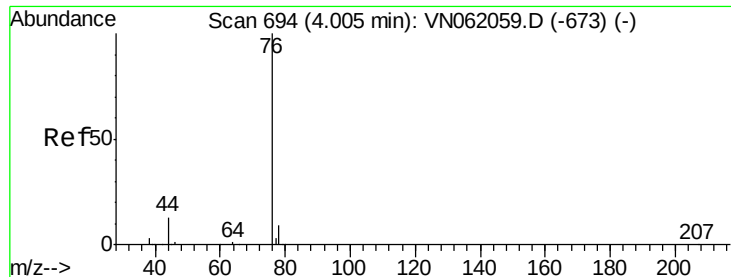
Tgt Ion: 43 Resp: 265534

Ion Ratio Lower Upper

43 100

58 32.6 27.5 41.3

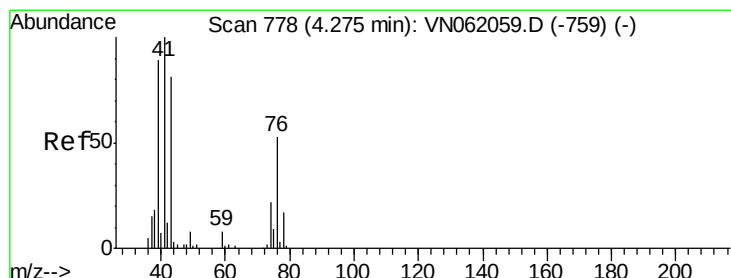
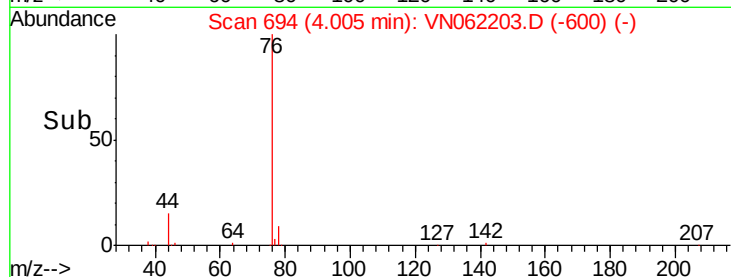
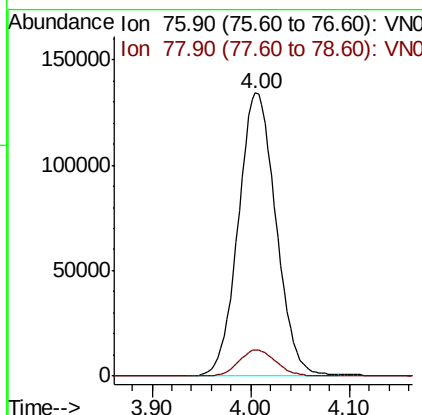
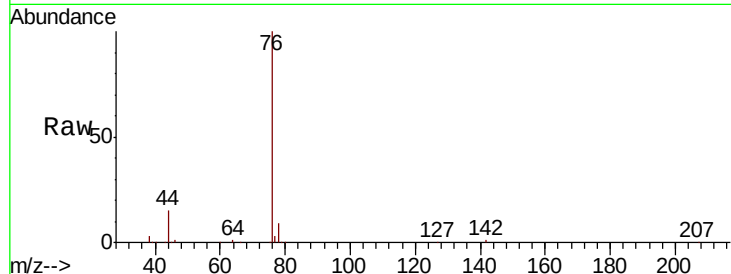




#17
Carbon Disulfide
Concen: 48.188 ug/l
RT: 4.00 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

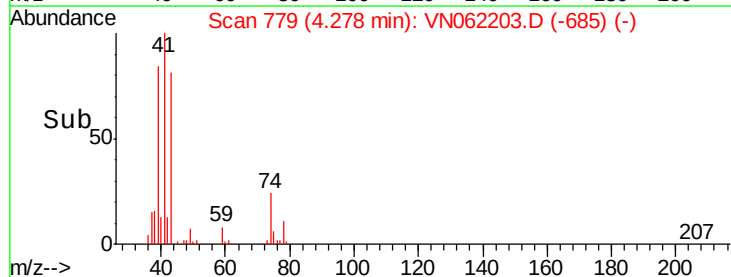
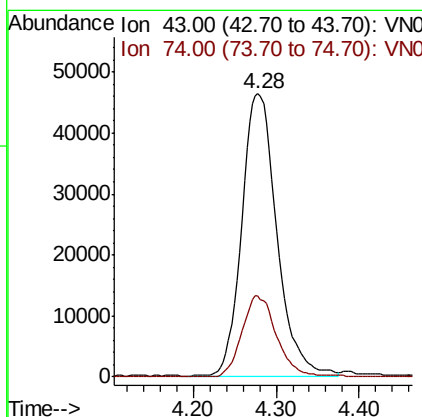
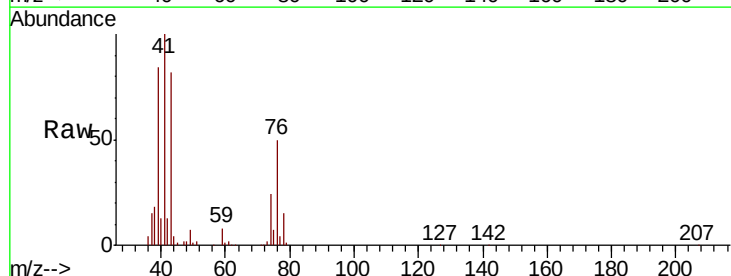
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

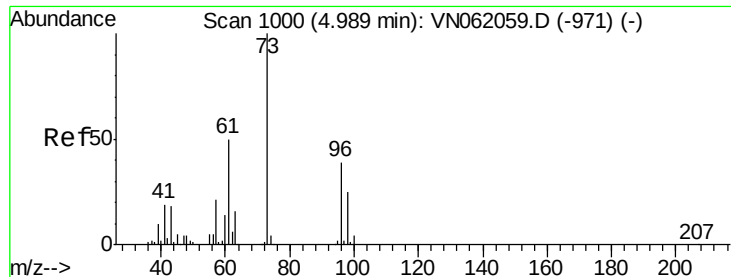
Tot Ion: 76 Resp: 354760
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 55.056 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Tgt Ion: 43 Resp: 137488
Ion Ratio Lower Upper
43 100
74 28.3 22.9 34.3

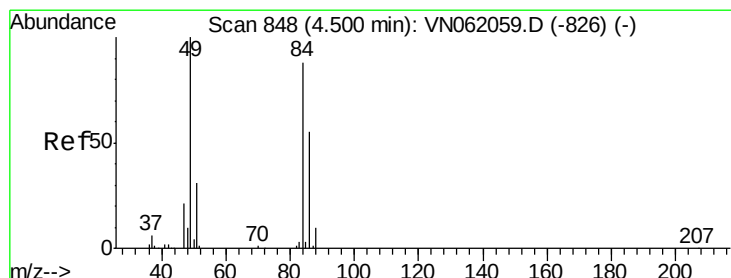
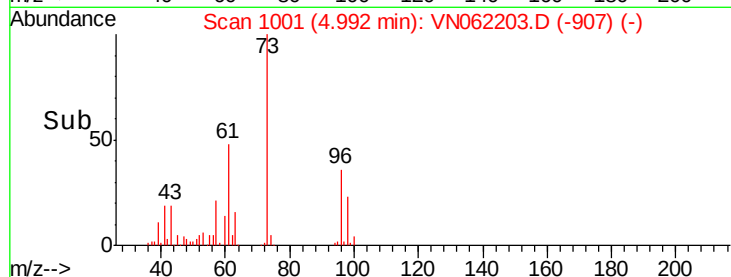
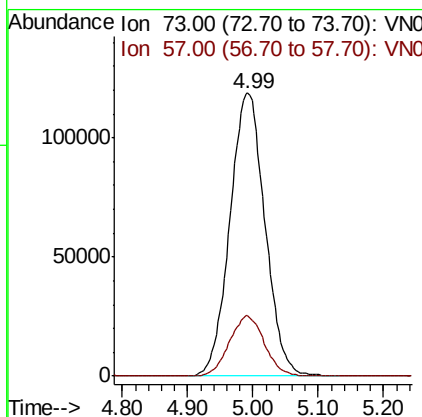
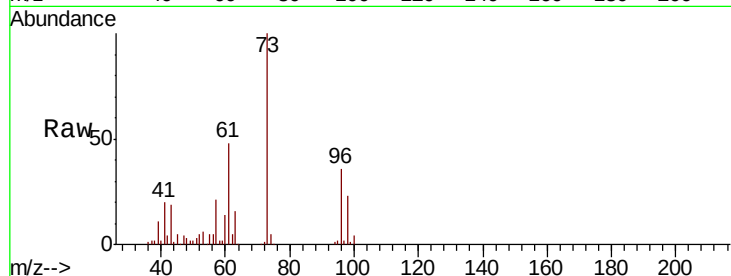




#19
Methyl tert-butyl Ether
Concen: 53.968 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

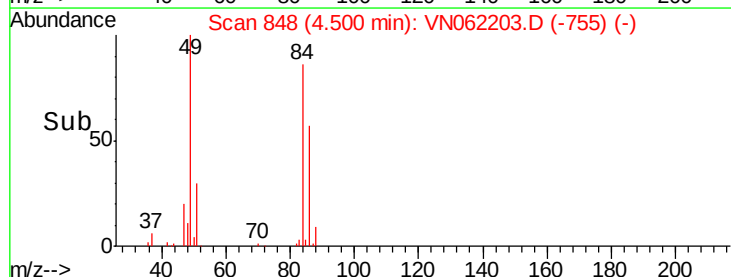
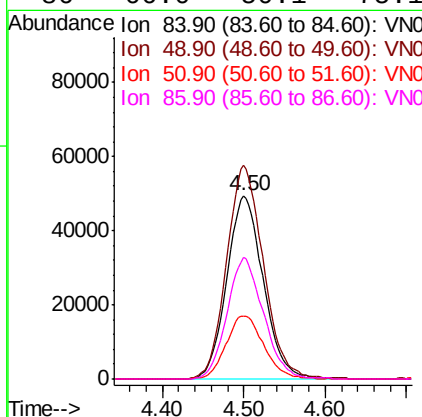
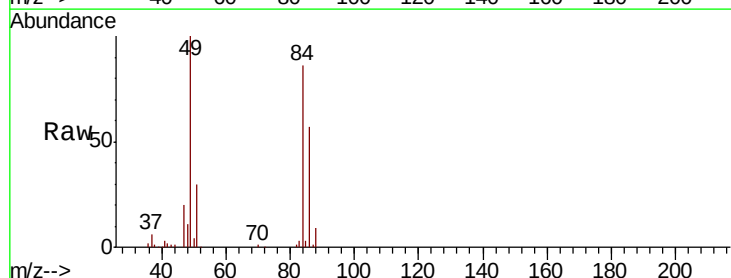
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

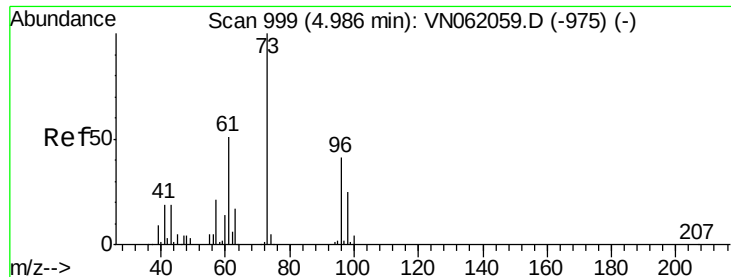
Tot Ion: 73 Resp: 443266
Ion Ratio Lower Upper
73 100
57 21.4 16.6 24.8



#20
Methylene Chloride
Concen: 53.573 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Tgt Ion: 84 Resp: 154448
Ion Ratio Lower Upper
84 100
49 116.1 90.6 136.0
51 34.4 27.8 41.8
86 66.0 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 48.621 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

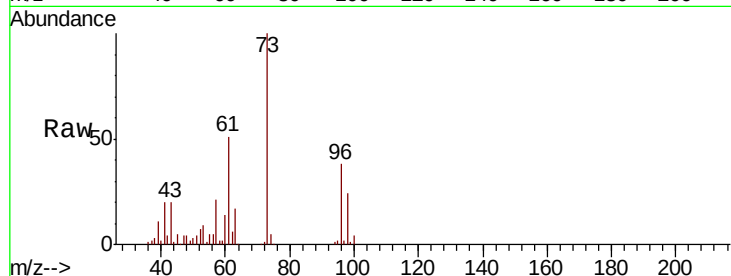
Tot Ion: 96 Resp: 142370

Ion Ratio Lower Upper

96 100

61 135.6 101.4 152.2

98 63.0 49.3 73.9

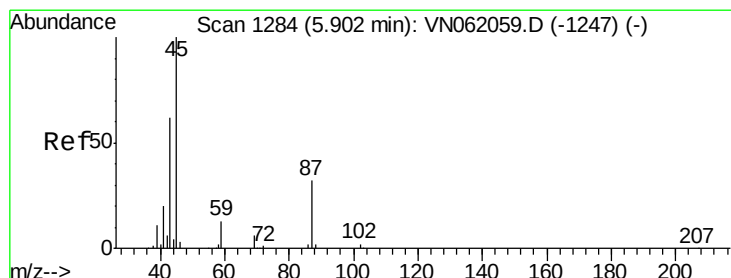
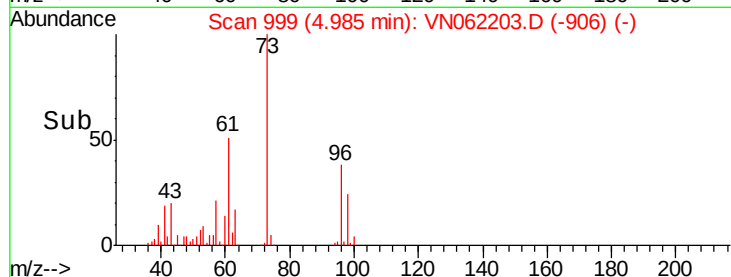
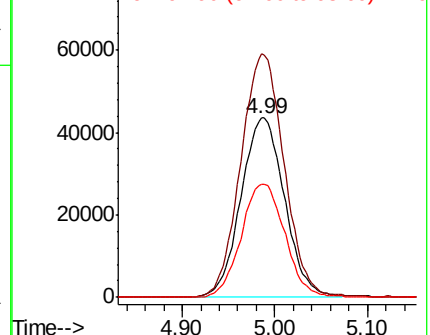


Abundance

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



#22

Diisopropyl ether

Concen: 54.688 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Tgt Ion: 45 Resp: 435760

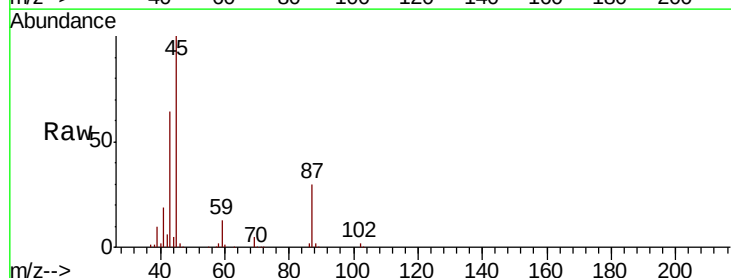
Ion Ratio Lower Upper

45 100

43 62.5 49.7 74.5

87 30.5 25.9 38.9

59 12.7 10.6 16.0



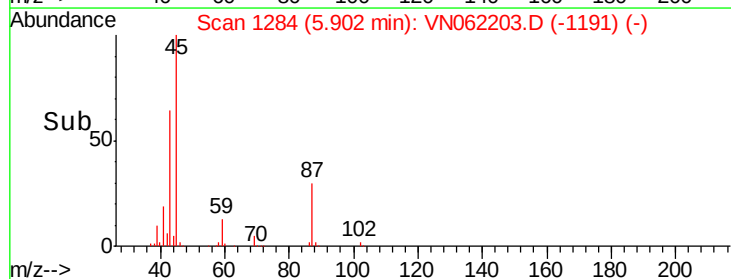
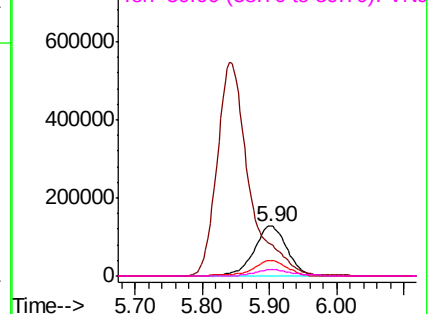
Abundance

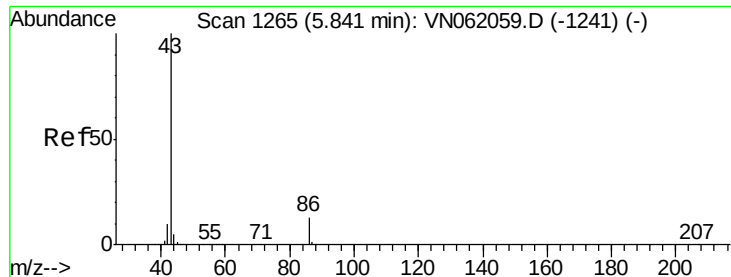
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 280.226 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

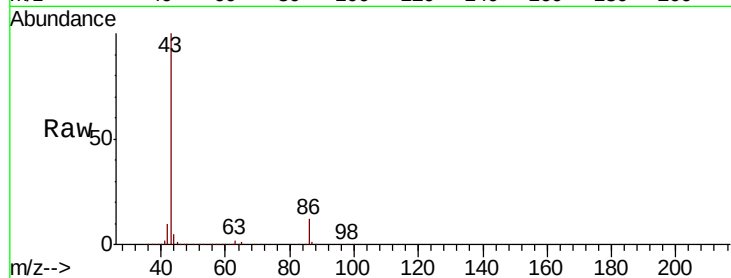
VSTDCCC050EC

Tot Ion: 43 Resp: 1823009

Ion Ratio Lower Upper

43 100

86 11.6 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VN062203.D (-1172) (-)

Ion 86.00 (85.70 to 86.70): VN062203.D (-1172) (-)

5.84

600000

500000

400000

300000

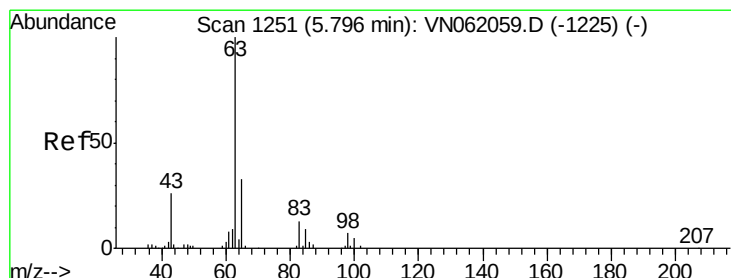
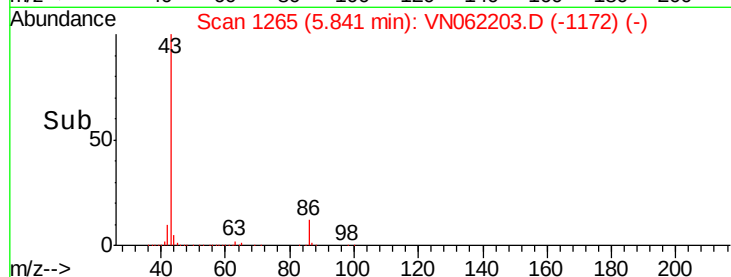
200000

100000

0

5.80 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 51.833 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

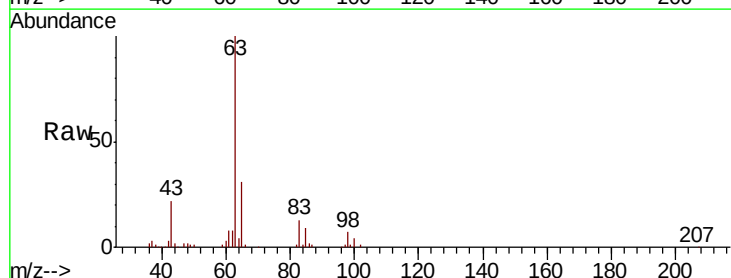
Tgt Ion: 63 Resp: 265953

Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.9

100 4.4 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN062203.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN062203.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN062203.D (-1158) (-)

5.80

100000

80000

60000

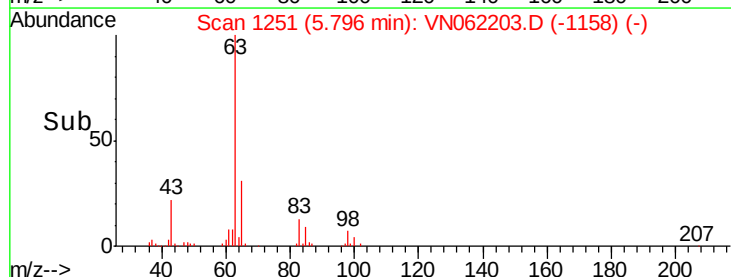
40000

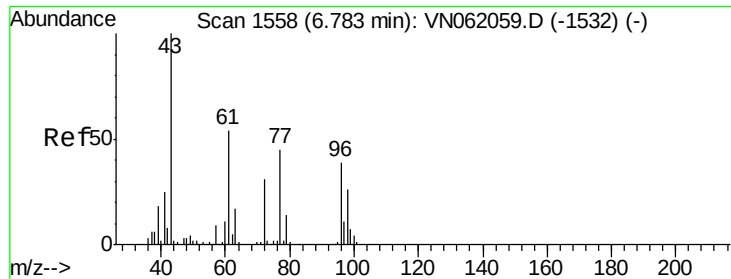
20000

0

5.70 5.80 5.90

Time-->

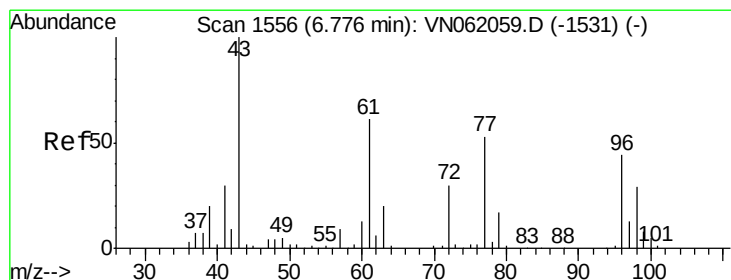
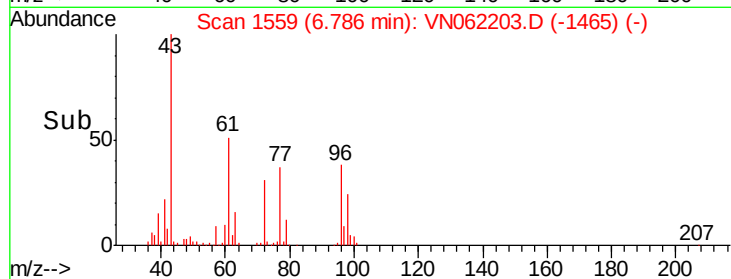
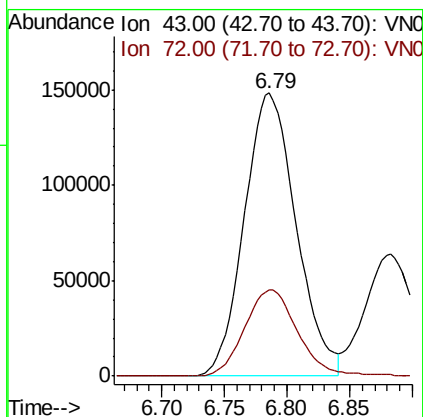
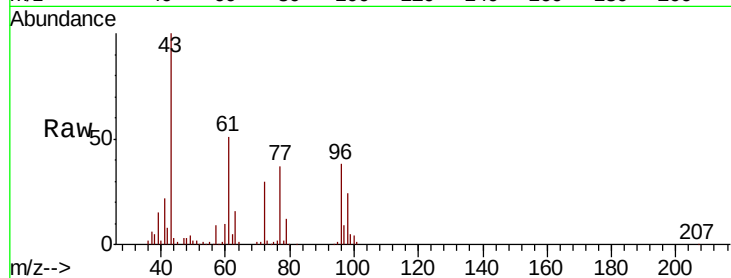




#25
2-Butanone
Concen: 276.978 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

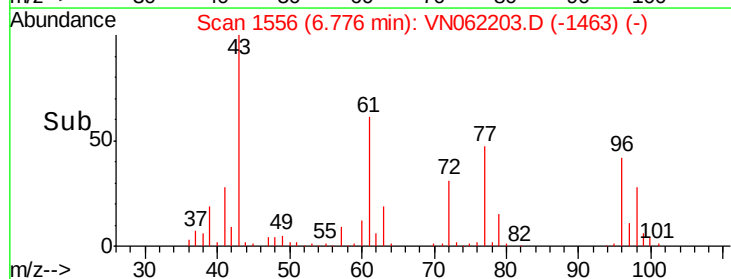
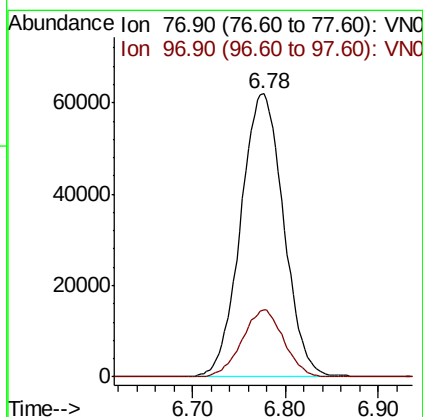
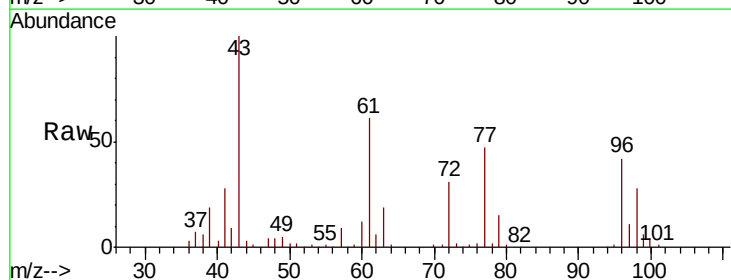
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

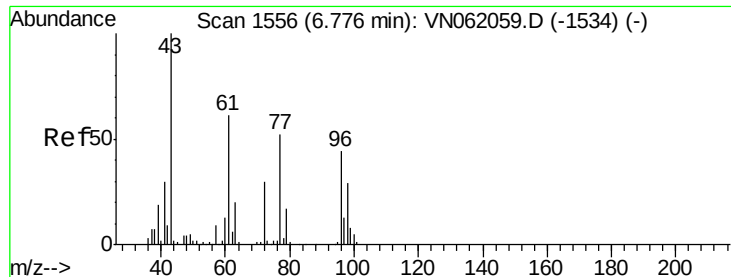
Tot Ion: 43 Resp: 425294
Ion Ratio Lower Upper
43 100
72 30.5 24.8 37.2



#26
2,2-Dichloropropane
Concen: 46.516 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Tgt Ion: 77 Resp: 198888
Ion Ratio Lower Upper
77 100
97 23.0 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 51.045 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.01 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

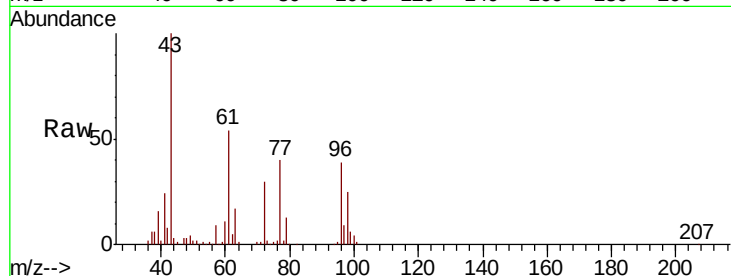
Tot Ion: 96 Resp: 168192

Ion Ratio Lower Upper

96 100

61 140.2 0.0 280.4

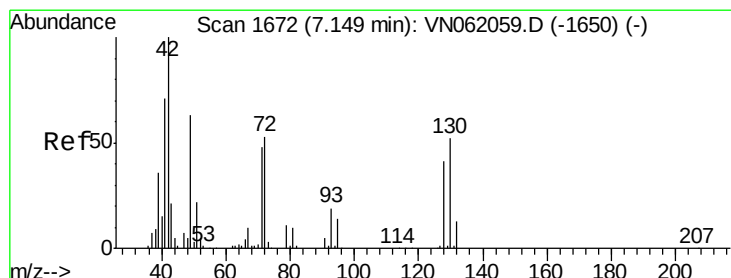
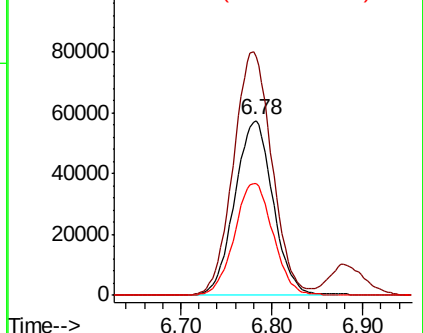
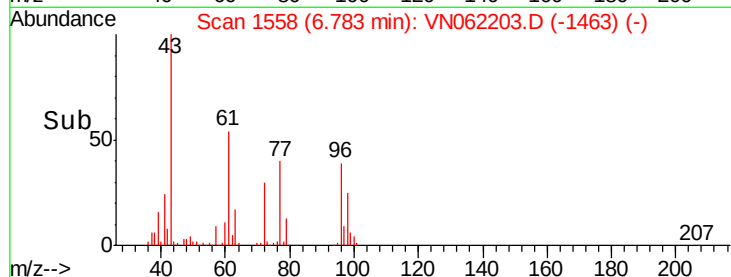
98 64.6 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062203.D (-1463) (-)

Ion 60.90 (60.60 to 61.60): VN062203.D (-1463) (-)

Ion 97.90 (97.60 to 98.60): VN062203.D (-1463) (-)



#28

Bromochloromethane

Concen: 51.929 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

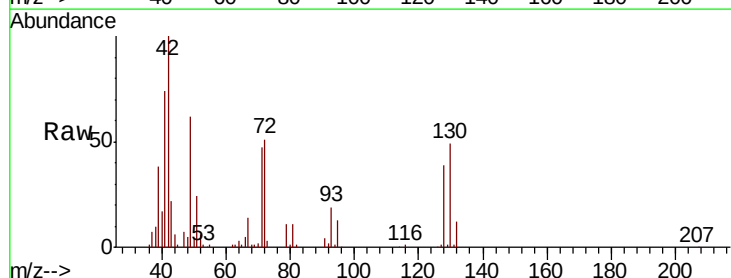
Tgt Ion: 49 Resp: 115607

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.4

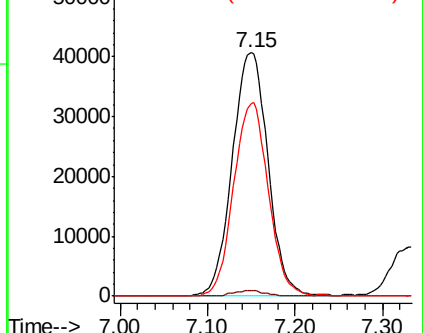
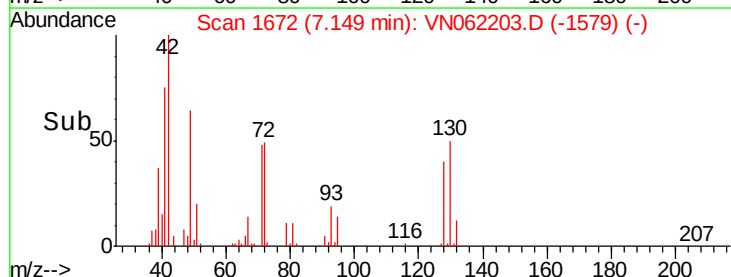
130 76.8 65.5 98.3

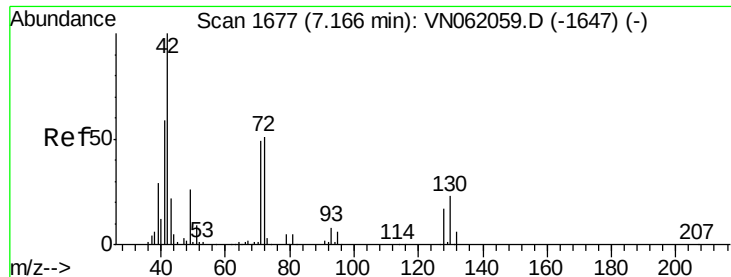


Abundance Ion 48.90 (48.60 to 49.60): VN062203.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN062203.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN062203.D (-1579) (-)





#29

Tetrahydrofuran

Concen: 288.600 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

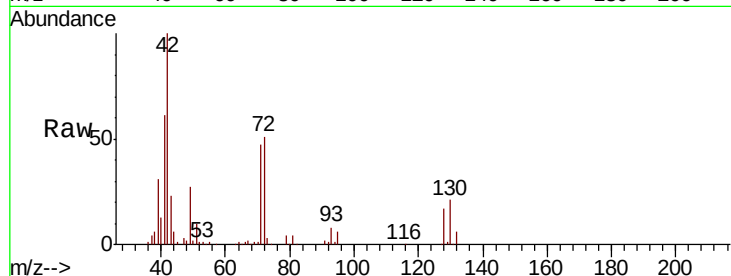
Tot Ion: 42 Resp: 290277

Ion Ratio Lower Upper

42 100

72 50.7 41.1 61.7

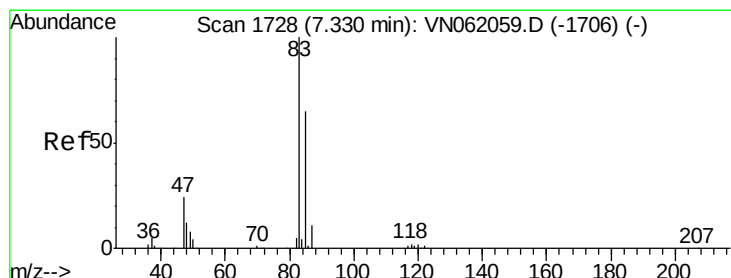
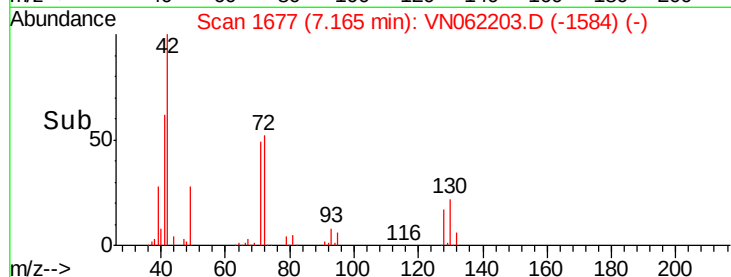
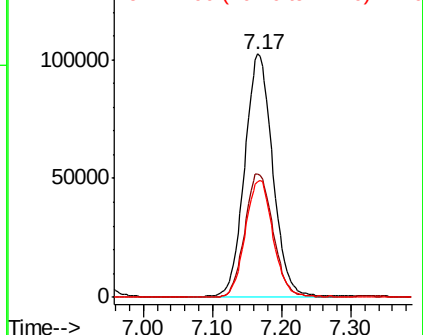
71 47.3 38.2 57.4



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 52.146 ug/l

RT: 7.33 min Scan# 1728

Delta R.T. -0.00 min

Lab File: VN062203.D

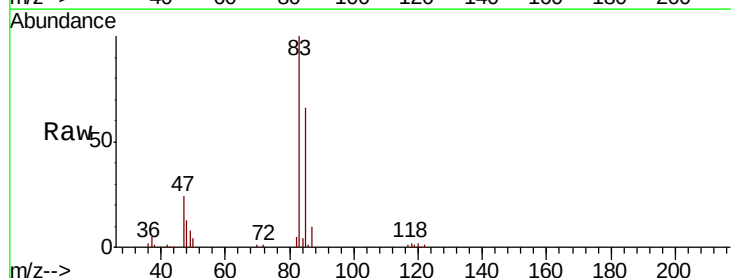
Acq: 29 Jun 2020 21:20

Tgt Ion: 83 Resp: 272225

Ion Ratio Lower Upper

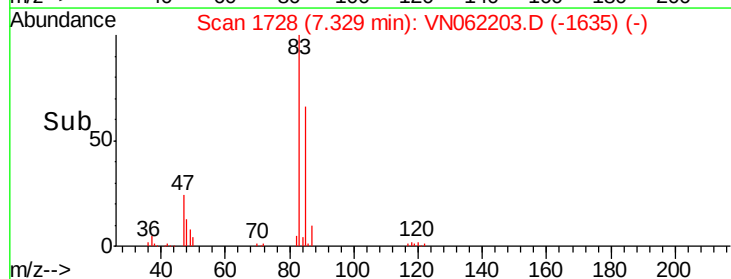
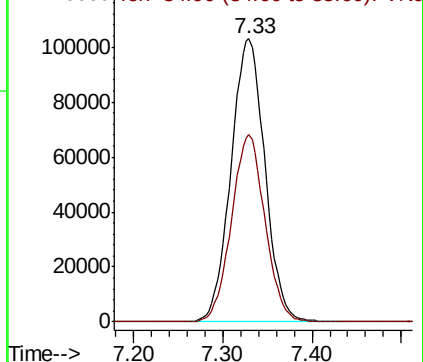
83 100

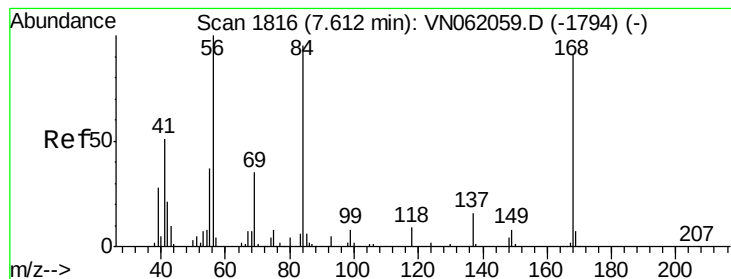
85 66.0 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 49.709 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

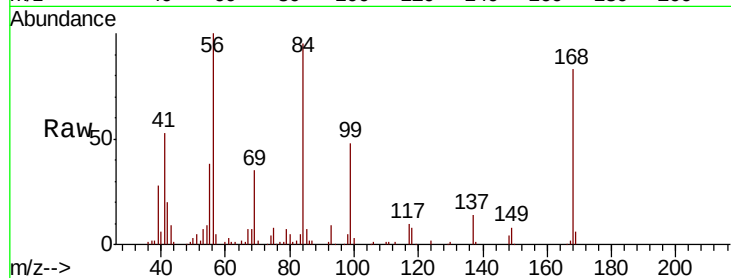
Tot Ion: 56 Resp: 215746

Ion Ratio Lower Upper

56 100

69 34.6 28.0 42.0

84 94.2 76.1 114.1

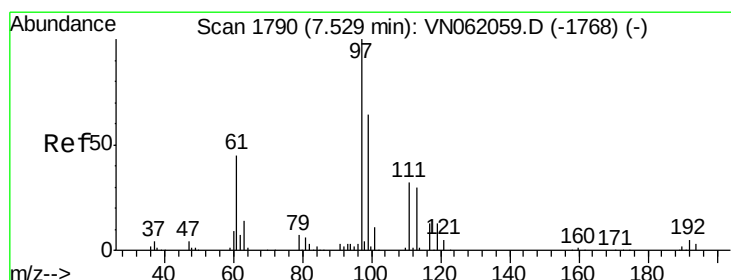
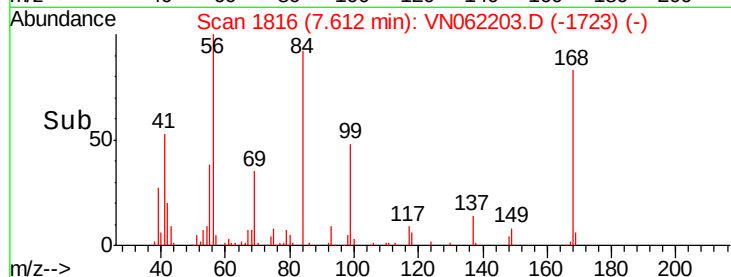
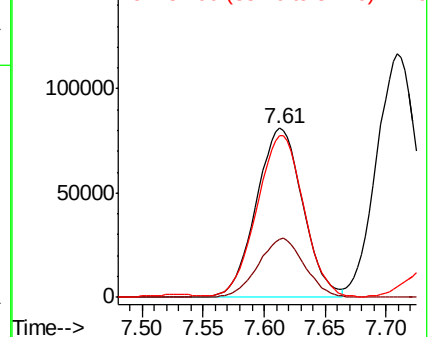


Abundance

Ion 56.00 (55.70 to 56.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO



#32

1,1,1-Trichloroethane

Concen: 51.093 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

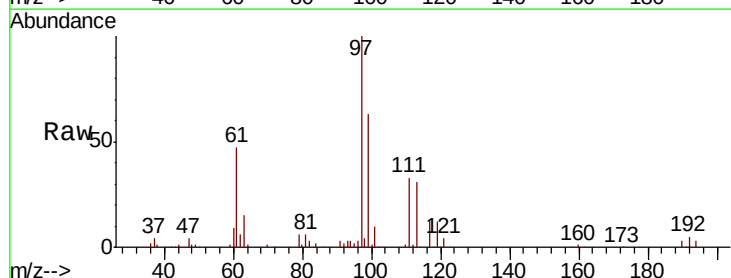
Tgt Ion: 97 Resp: 224936

Ion Ratio Lower Upper

97 100

99 63.6 51.0 76.4

61 46.8 36.2 54.2

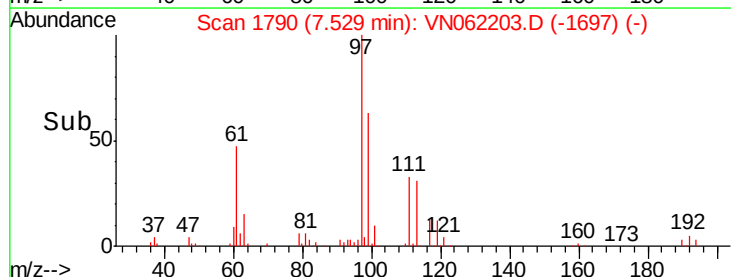
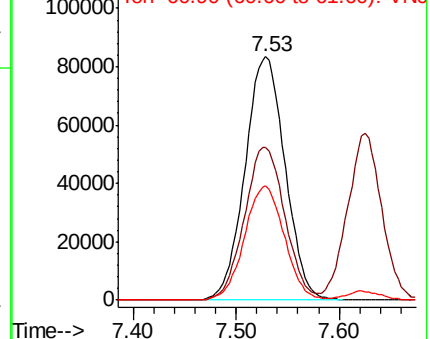


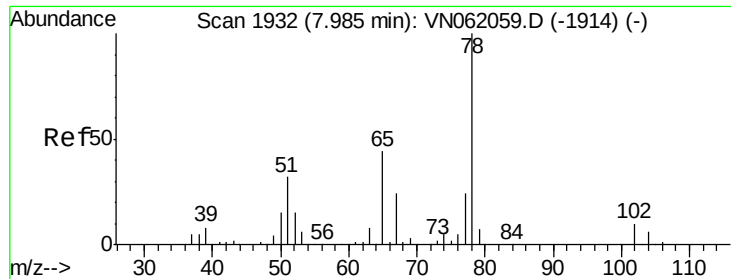
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 98.90 (98.60 to 99.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

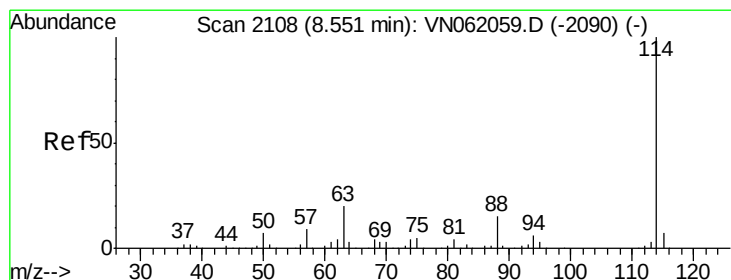
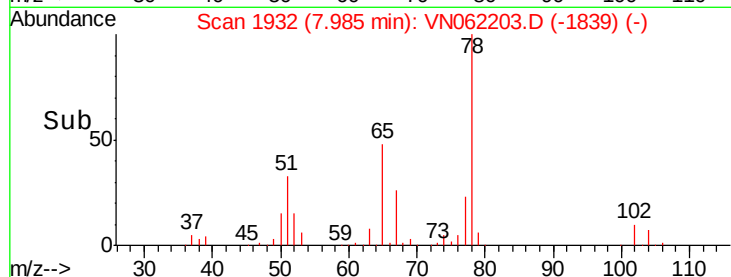
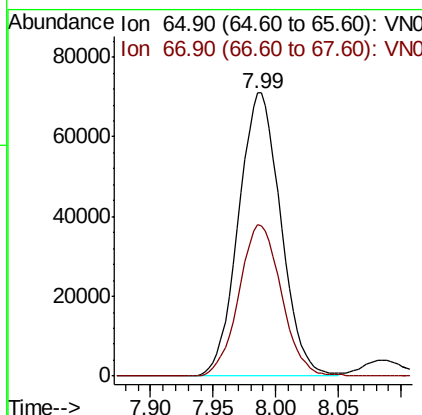
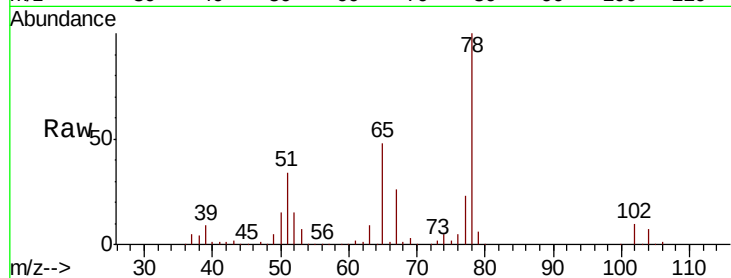




#33
 1,2-Dichloroethane-d4
 Concen: 53.009 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

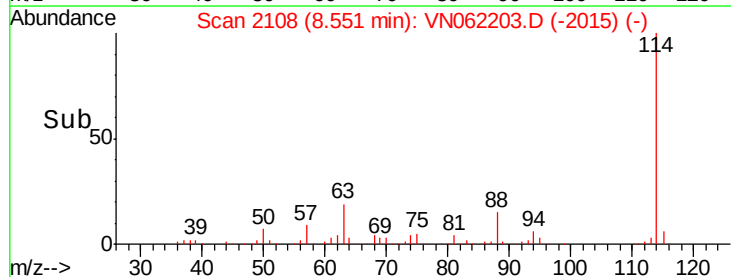
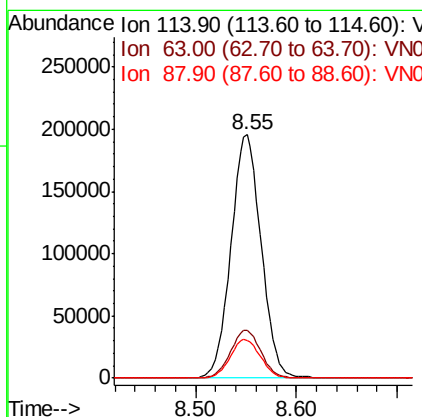
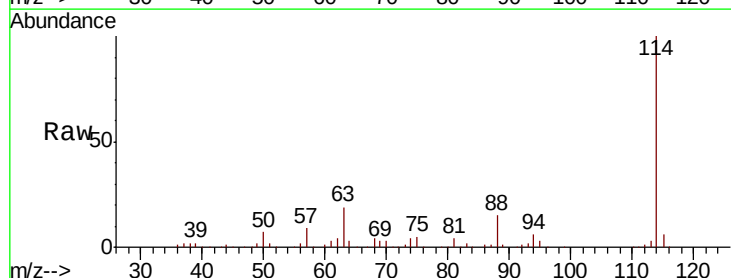
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

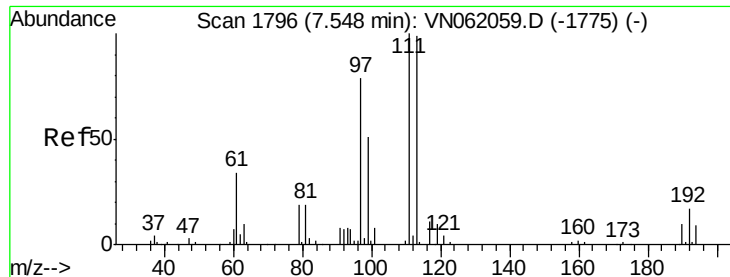
Tot Ion: 65 Resp: 166522
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

Tgt Ion: 114 Resp: 405892
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.2
 88 15.5 0.0 30.8

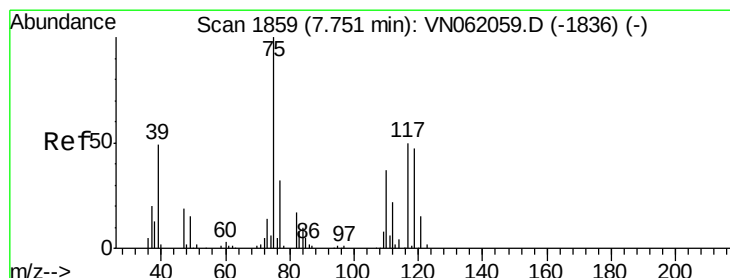
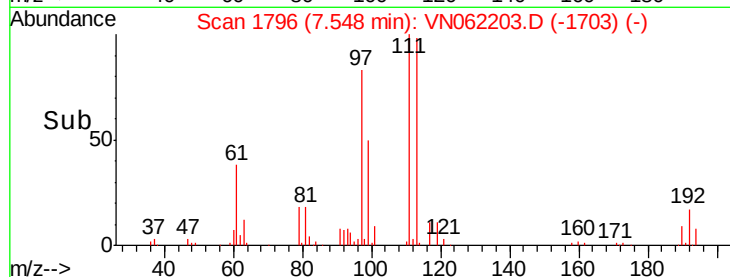
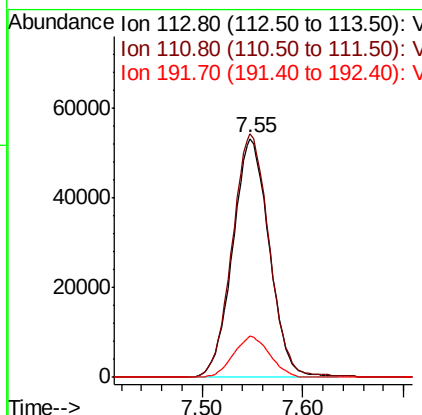
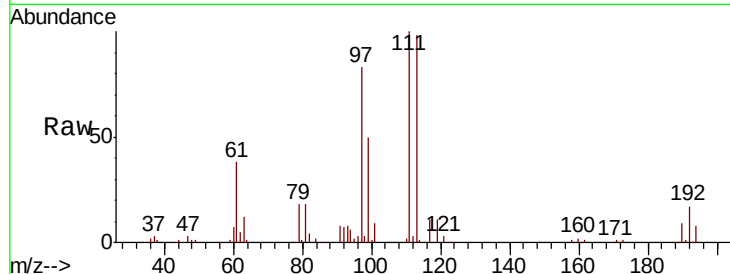




#35
 Dibromofluoromethane
 Concen: 51.251 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

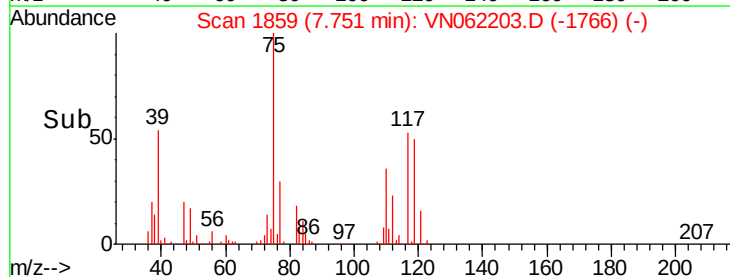
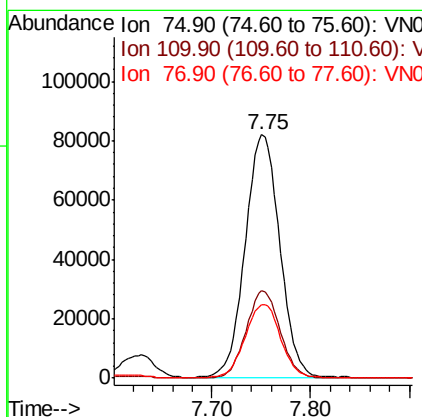
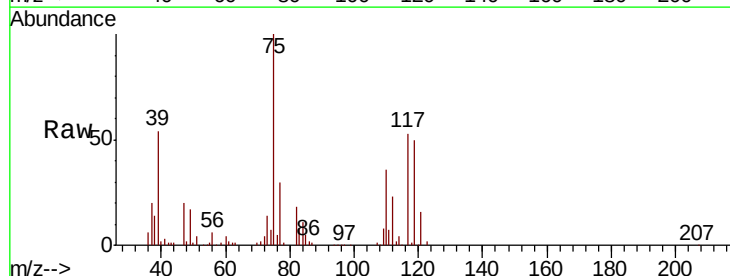
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

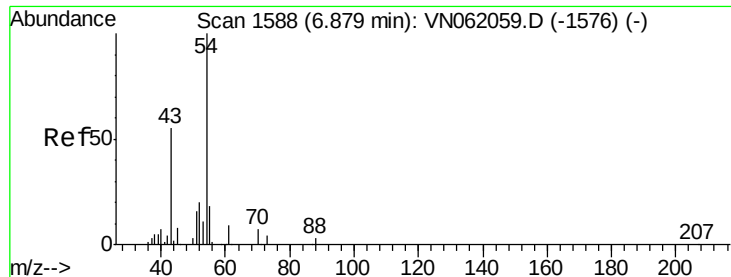
Tot Ion:113 Resp: 133458
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.2 123.4
 192 17.1 14.0 21.0



#36
 1,1-Dichloropropene
 Concen: 48.660 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

Tgt Ion: 75 Resp: 198524
 Ion Ratio Lower Upper
 75 100
 110 35.2 17.9 53.8
 77 31.4 24.9 37.3

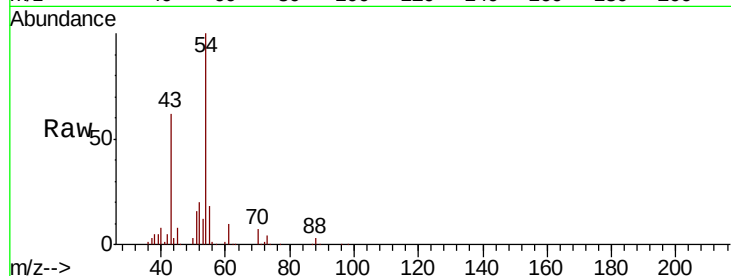




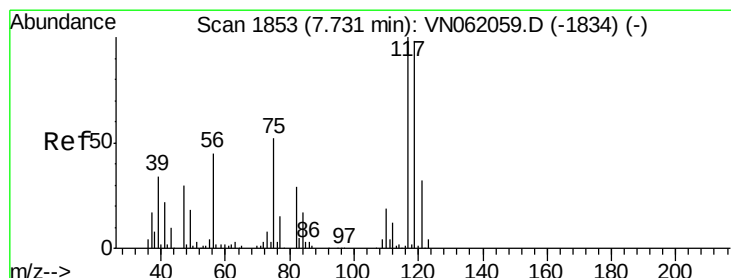
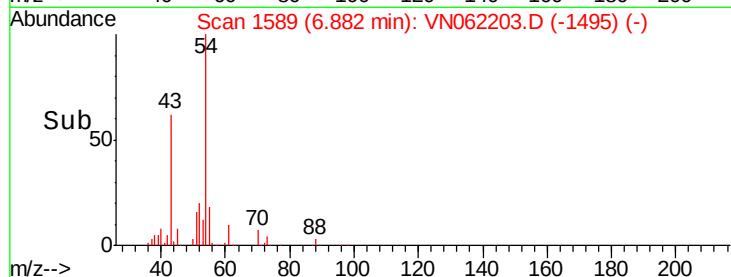
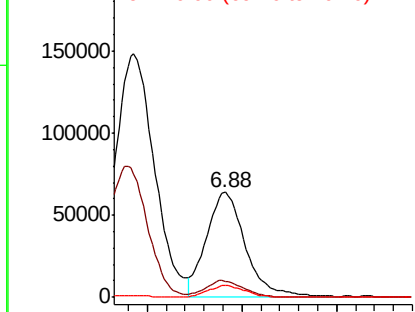
#37
Ethyl Acetate
Concen: 53.849 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 181919
Ion Ratio Lower Upper
43 100
61 15.1 12.0 18.0
70 10.9 9.6 14.4

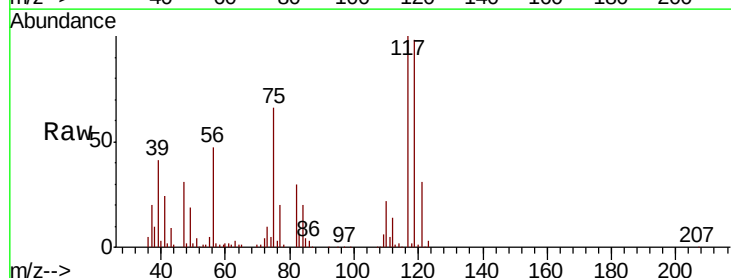


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

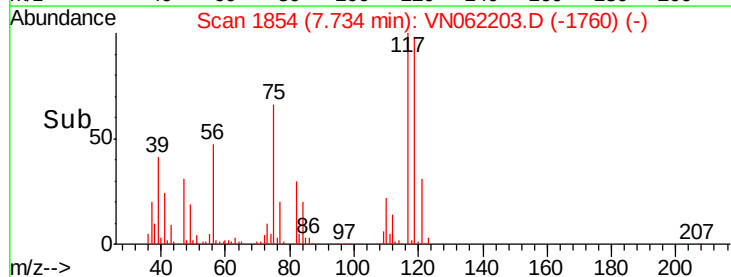
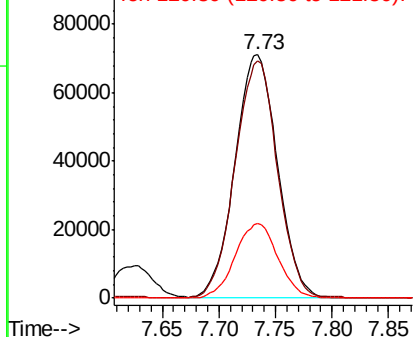


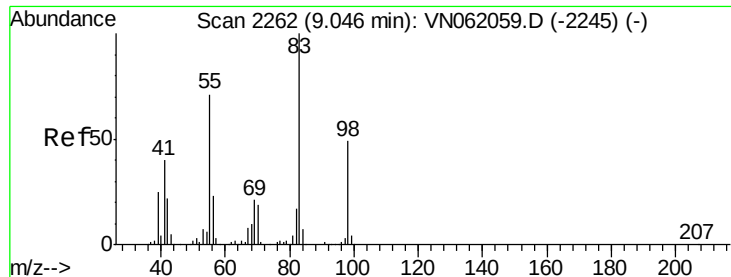
#38
Carbon Tetrachloride
Concen: 48.313 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Tgt Ion: 117 Resp: 185830
Ion Ratio Lower Upper
117 100
119 97.6 78.2 117.2
121 30.9 25.8 38.6



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

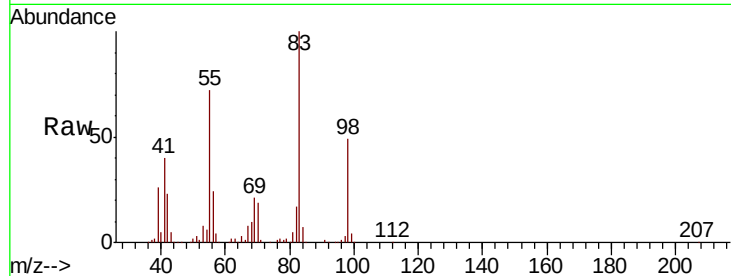




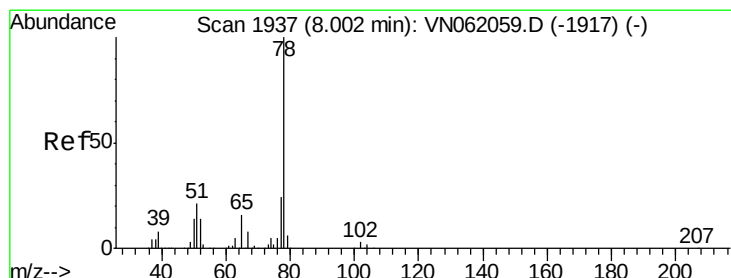
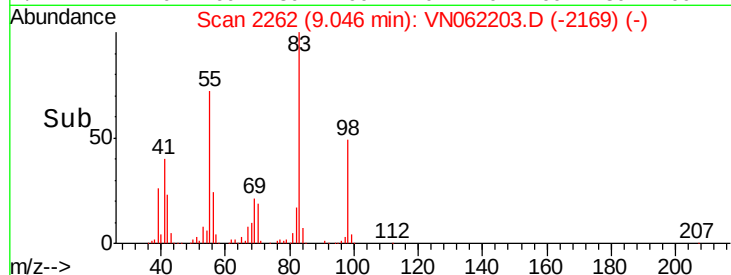
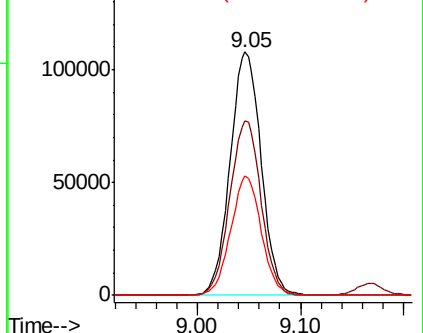
#39
Methylvlcyclohexane
Concen: 50.657 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	226447
Ion	Ratio	Lower	Upper
83	100		
55	71.4	57.0	85.6
98	48.9	39.0	58.6

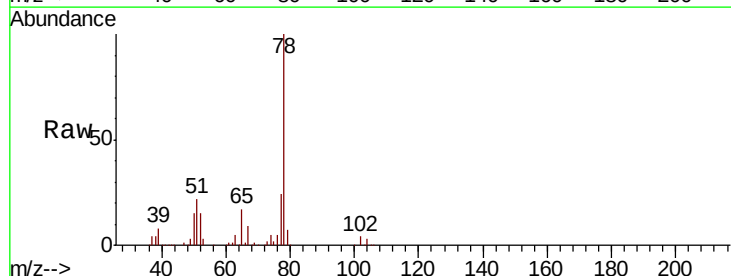


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

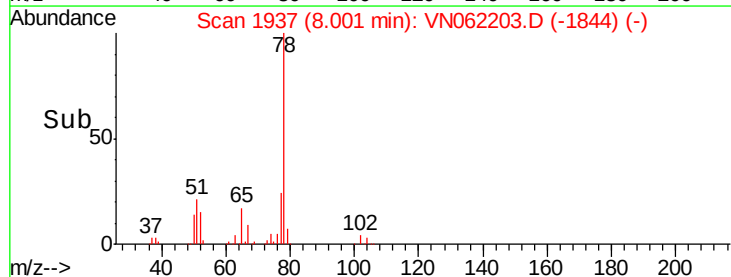
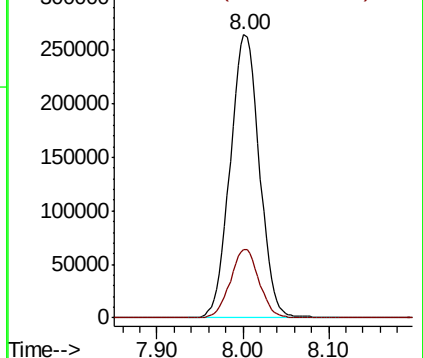


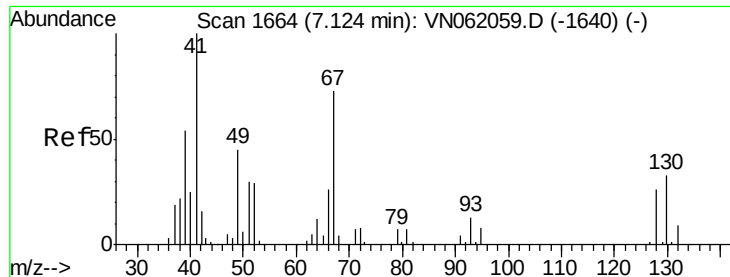
#40
Benzene
Concen: 50.292 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Tgt Ion	78	Resp	625387
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.5	29.3



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

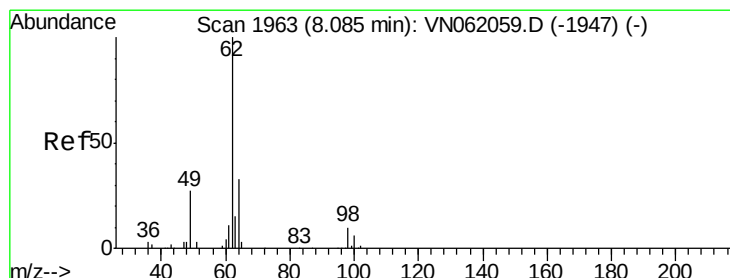
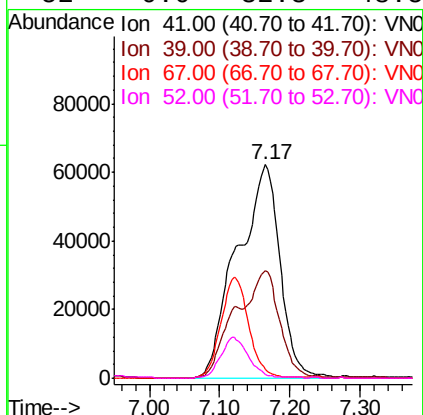
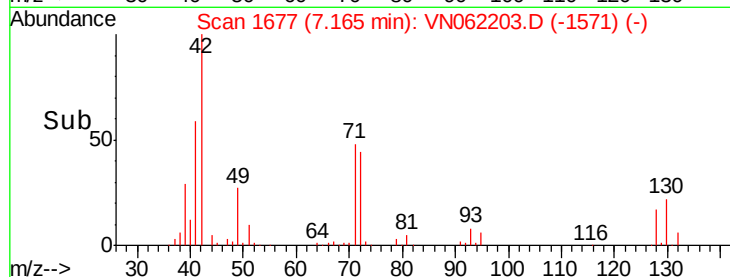
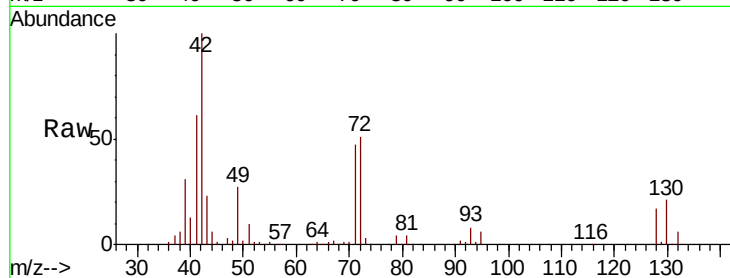




#41
Methacrylonitrile
Concen: 168.505 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

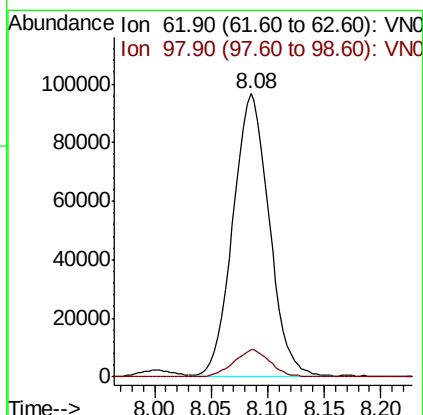
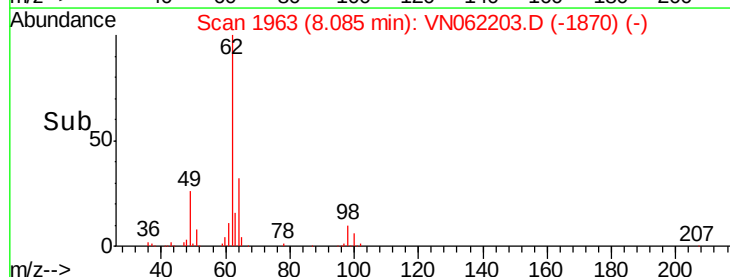
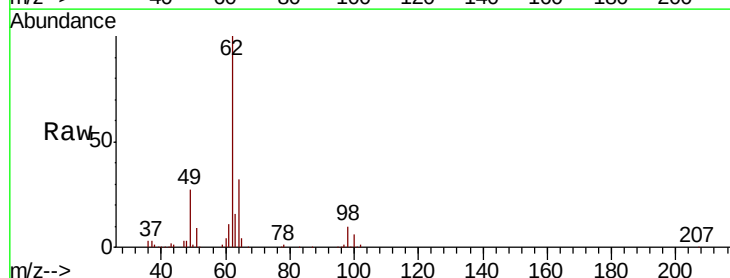
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

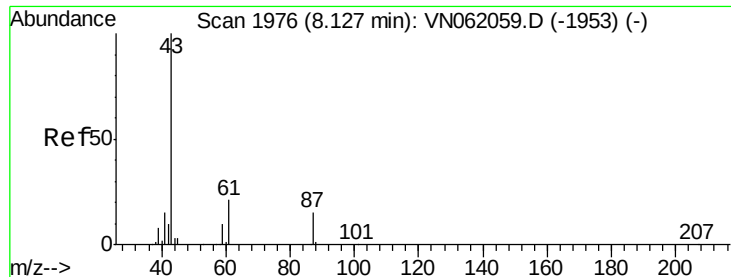
Tot Ion: 41 Resp: 263913
Ion Ratio Lower Upper
41 100
39 0.0 44.2 66.2#
67 0.0 79.5 119.3#
52 0.0 32.3 48.5#



#42
1,2-Dichloroethane
Concen: 51.134 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Tgt Ion: 62 Resp: 214835
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.8





#43

Isopropyl Acetate

Concen: 54.300 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

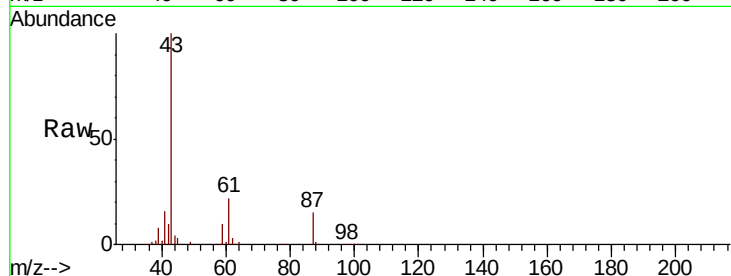
Tot Ion: 43 Resp: 299039

Ion Ratio Lower Upper

43 100

61 22.7 17.2 25.8

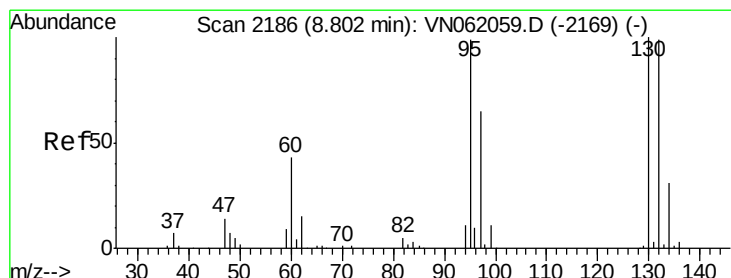
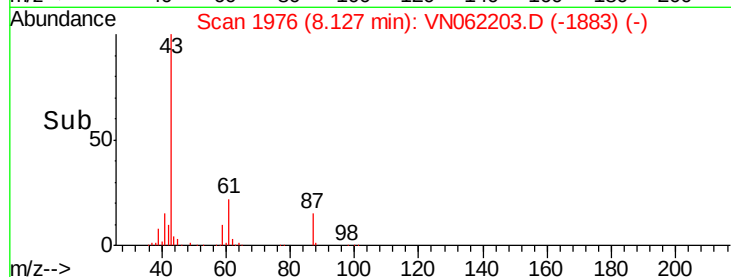
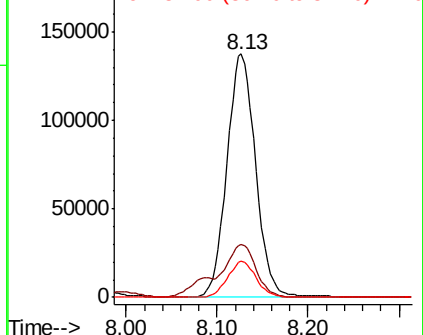
87 14.8 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN062203.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062203.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062203.D (-1953) (-)



#44

Trichloroethene

Concen: 47.927 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062203.D

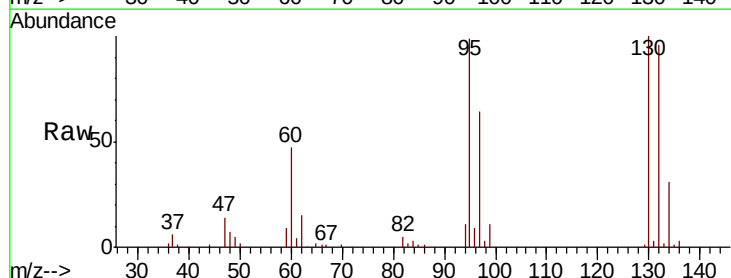
Acq: 29 Jun 2020 21:20

Tgt Ion:130 Resp: 150336

Ion Ratio Lower Upper

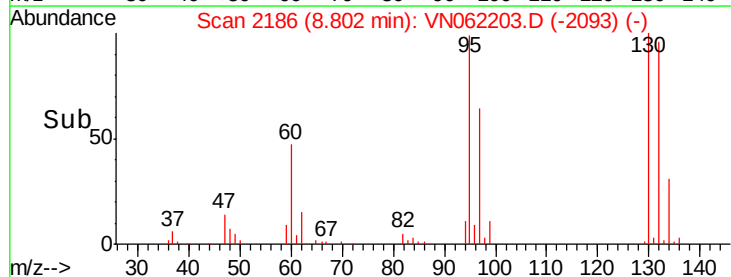
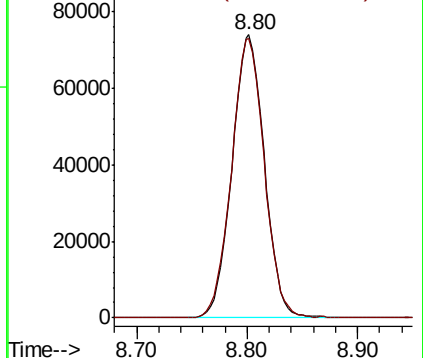
130 100

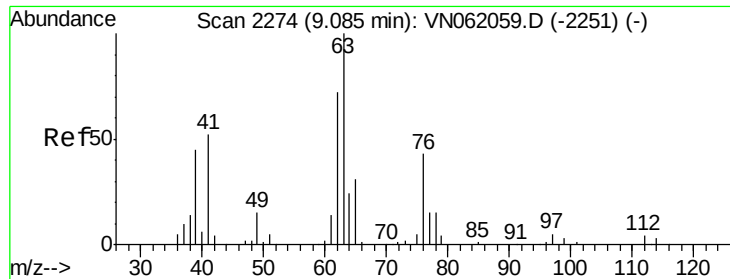
95 98.8 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062203.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062203.D (-2093) (-)

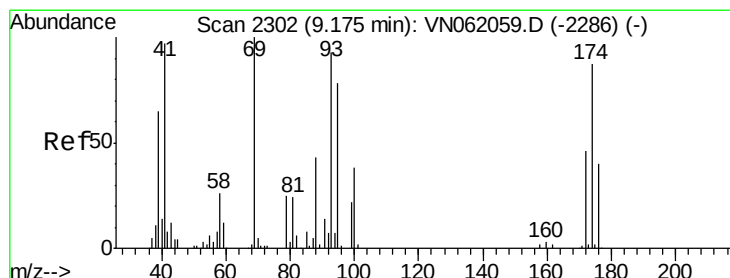
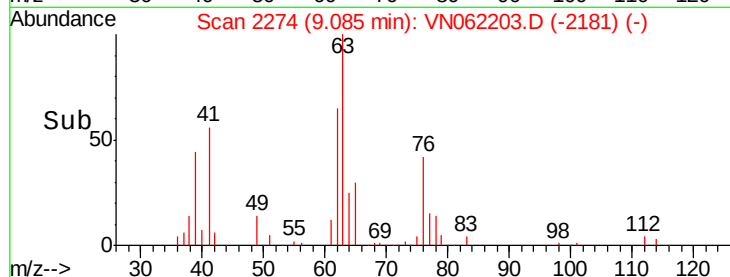
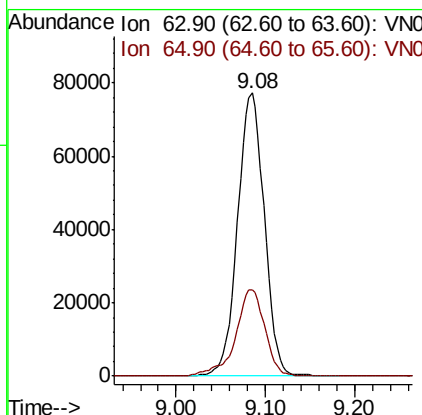
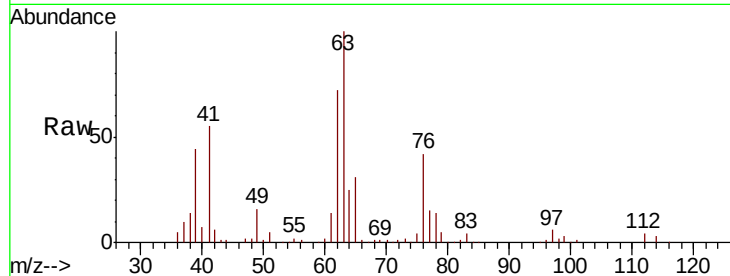




#45
 1,2-Dichloropropane
 Concen: 52.574 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

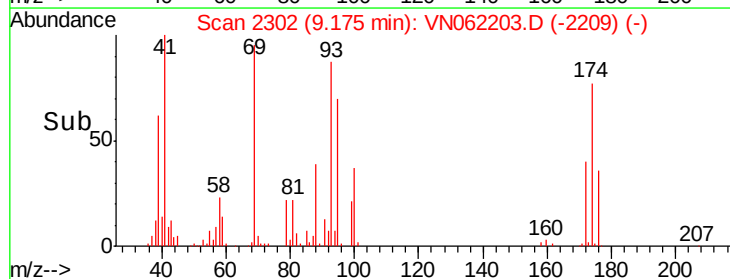
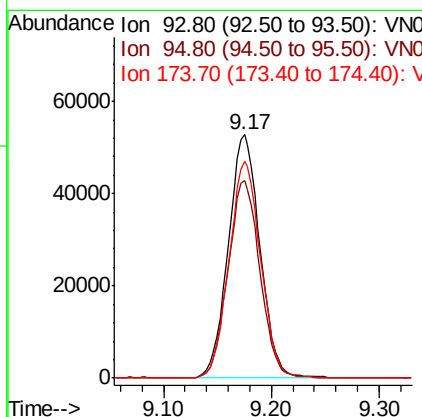
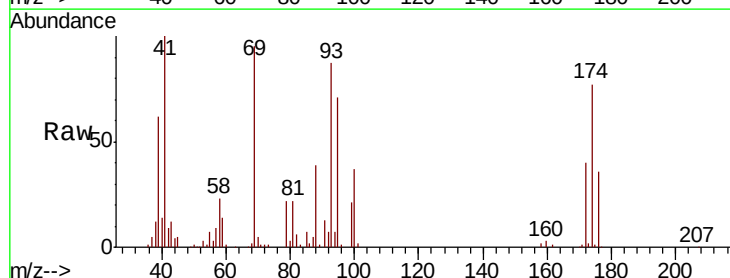
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

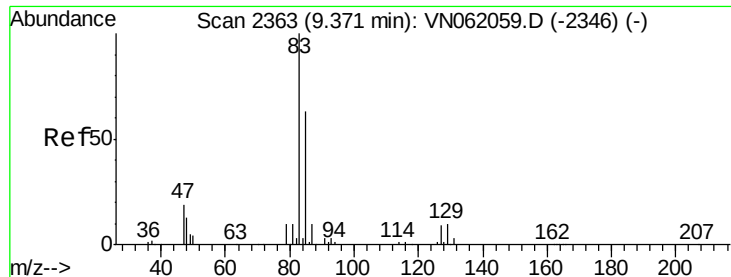
Tot Ion: 63 Resp: 161287
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.0 37.4



#46
 Dibromomethane
 Concen: 51.916 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

Tgt Ion: 93 Resp: 107985
 Ion Ratio Lower Upper
 93 100
 95 81.8 67.0 100.6
 174 88.7 74.4 111.6





#47

Bromodichloromethane

Concen: 53.086 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

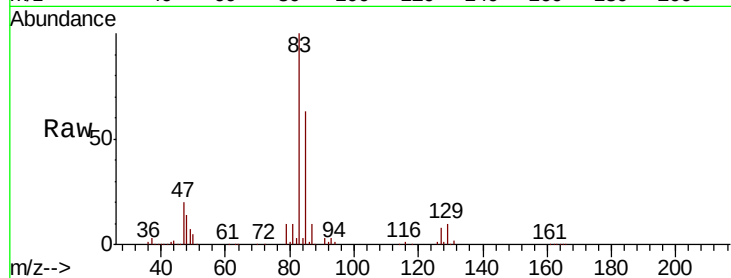
Tot Ion: 83 Resp: 222949

Ion Ratio Lower Upper

83 100

85 63.4 50.3 75.5

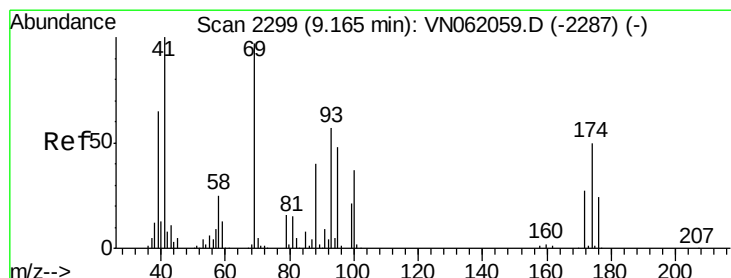
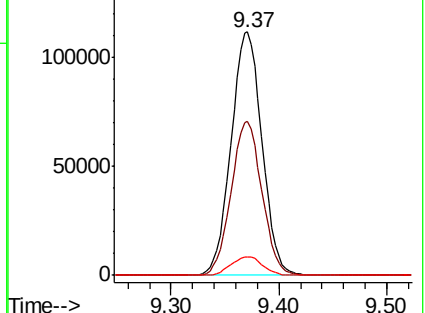
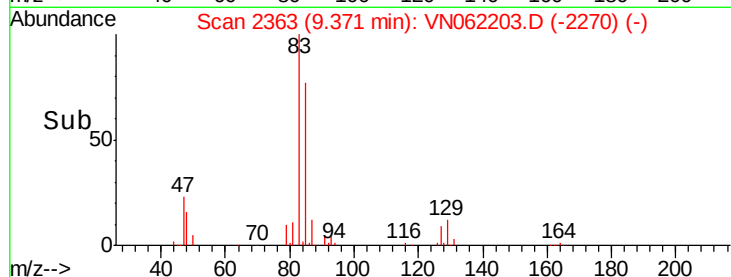
127 7.8 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062203.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062203.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062203.D (-2270) (-)



#48

Methyl methacrylate

Concen: 56.239 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

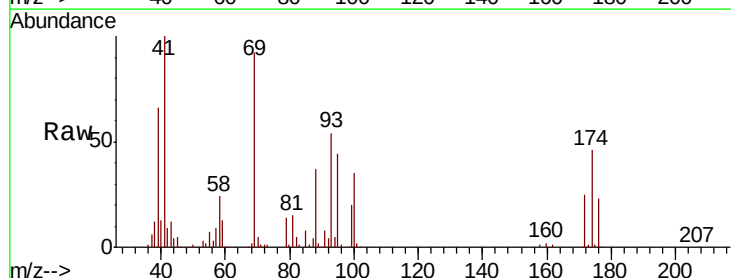
Tgt Ion: 41 Resp: 138870

Ion Ratio Lower Upper

41 100

69 97.2 80.7 121.1

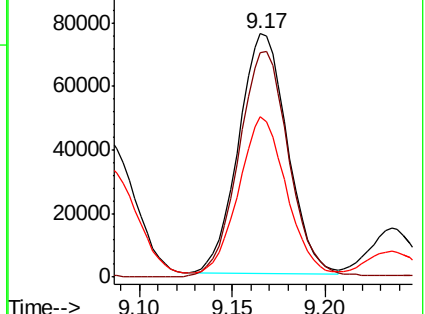
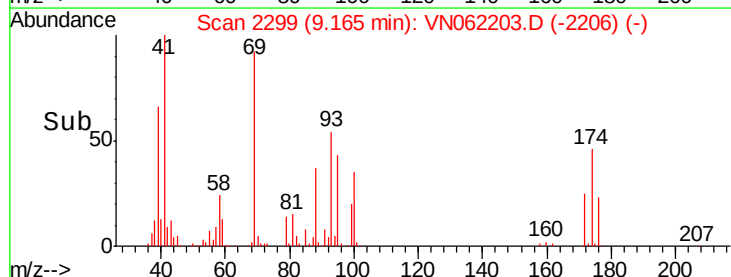
39 66.2 54.5 81.7

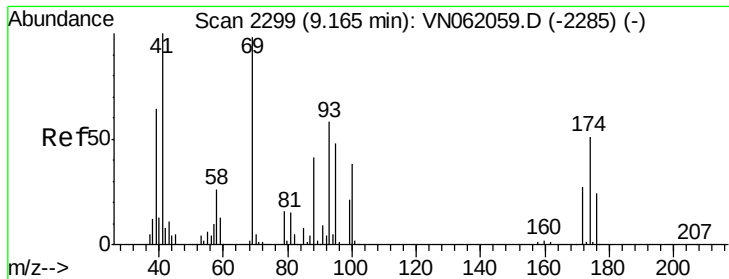


Abundance Ion 41.00 (40.70 to 41.70): VN062203.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062203.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062203.D (-2206) (-)

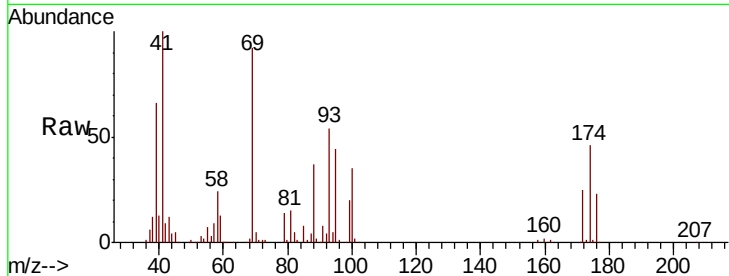




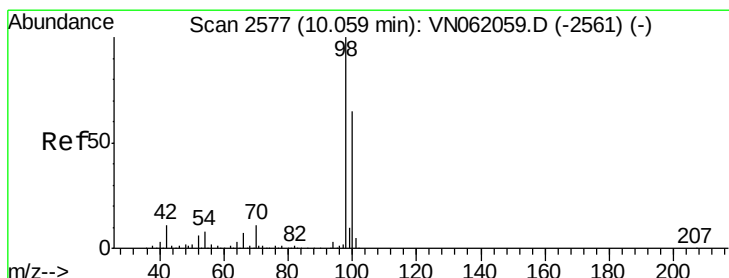
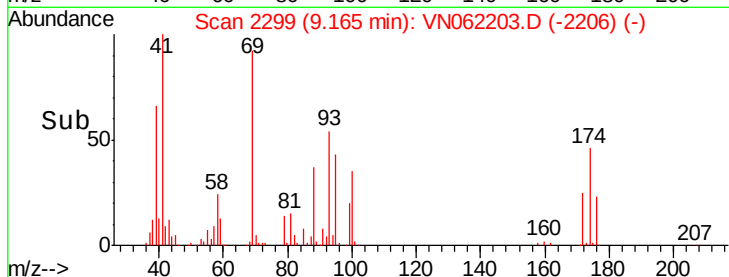
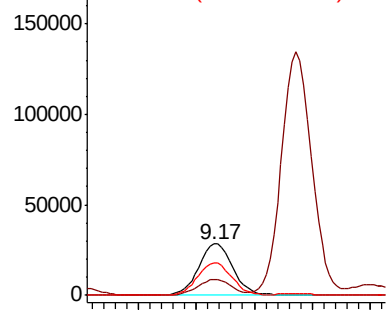
#49
1,4-Dioxane
Concen: 1060.059 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 58048
Ion Ratio Lower Upper
88 100
43 30.3 22.0 33.0
58 63.6 49.2 73.8

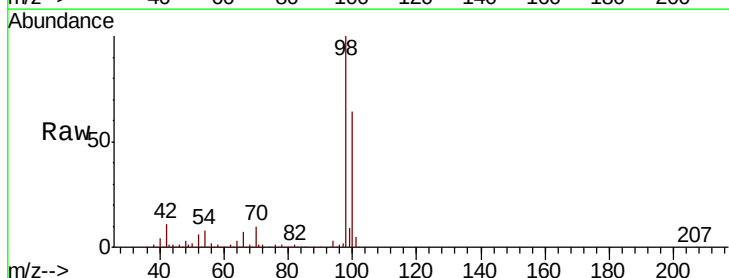


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

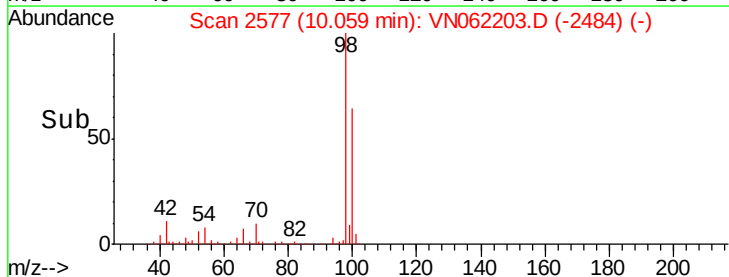
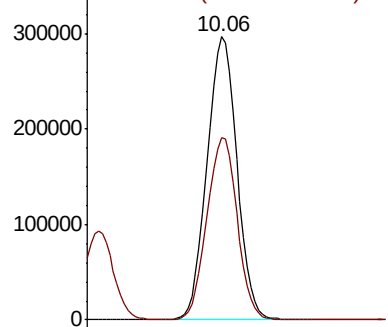


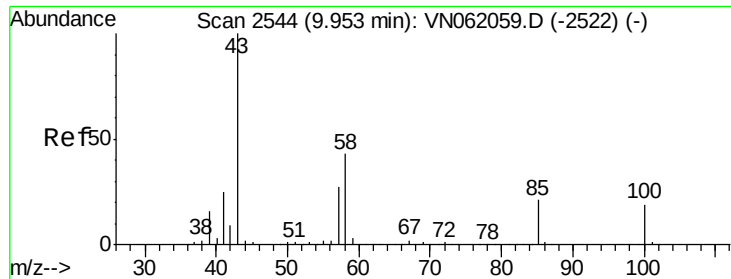
#50
Toluene-d8
Concen: 50.954 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Tgt Ion: 98 Resp: 530378
Ion Ratio Lower Upper
98 100
100 65.1 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: 290.572 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

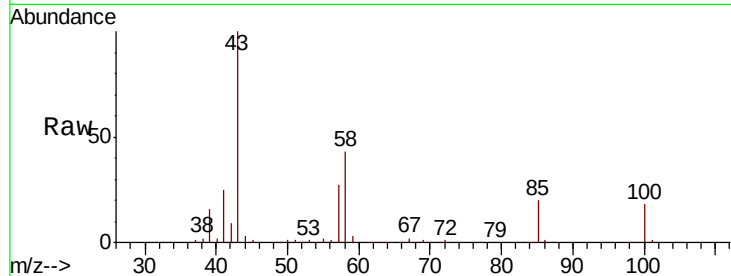
VSTDCCC050EC

Tot Ion: 43 Resp: 934951

Ion Ratio Lower Upper

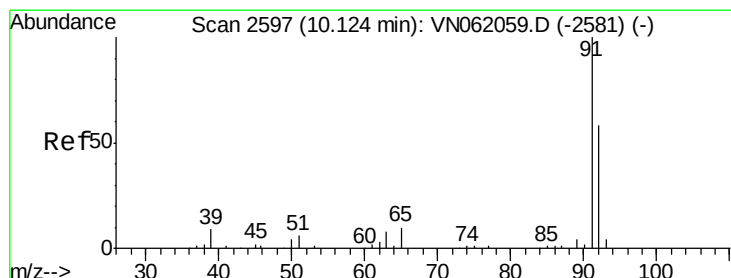
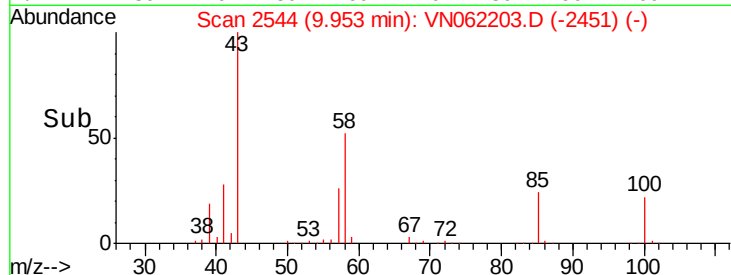
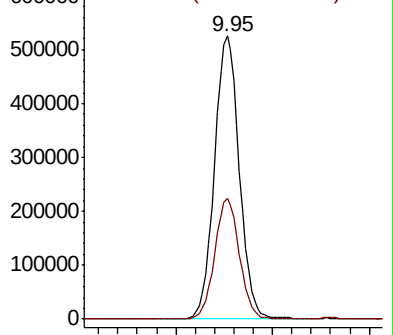
43 100

58 42.3 34.2 51.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 52.072 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062203.D

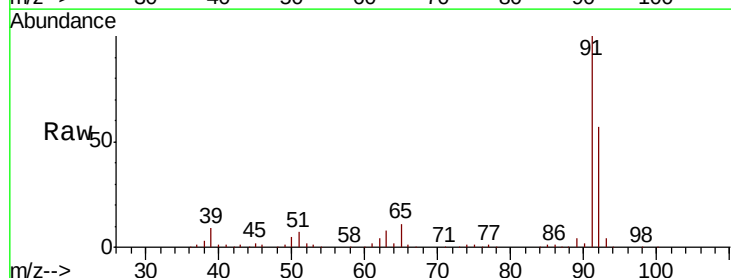
Acq: 29 Jun 2020 21:20

Tgt Ion: 92 Resp: 395089

Ion Ratio Lower Upper

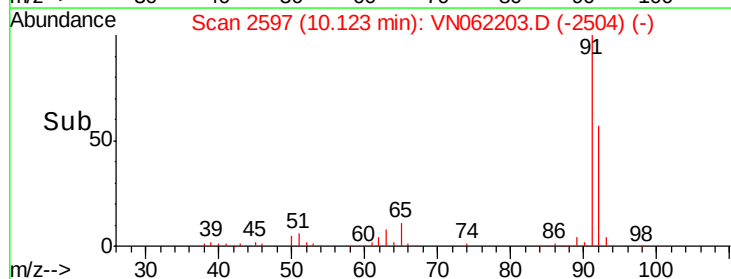
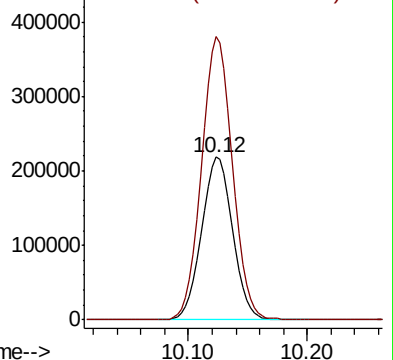
92 100

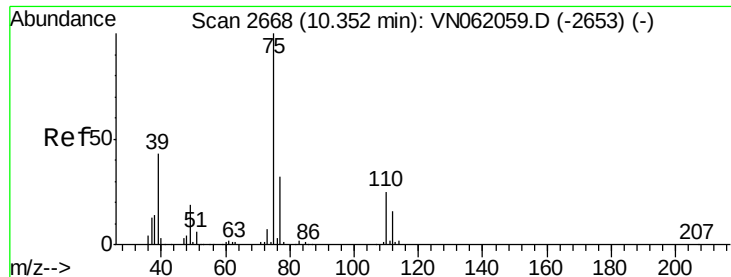
91 173.2 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 51.503 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

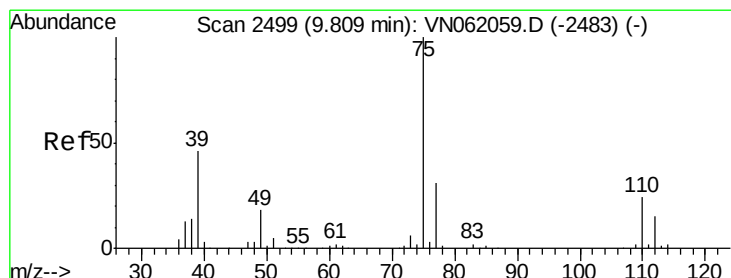
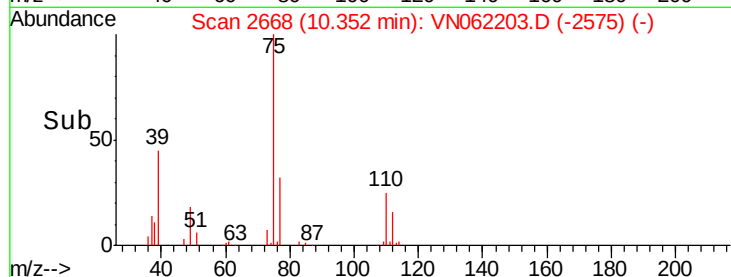
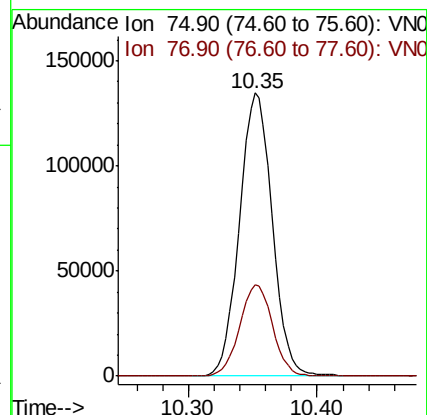
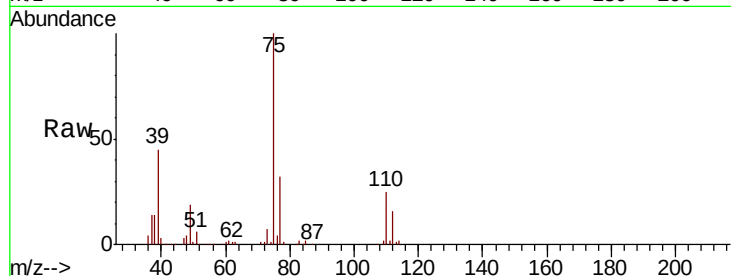
VSTDCCC050EC

Tot Ion: 75 Resp: 237969

Ion Ratio Lower Upper

75 100

77 32.4 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 52.747 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

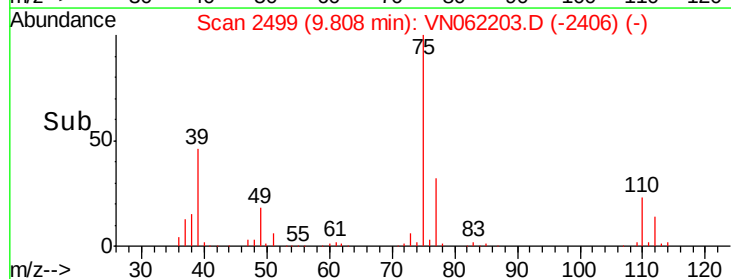
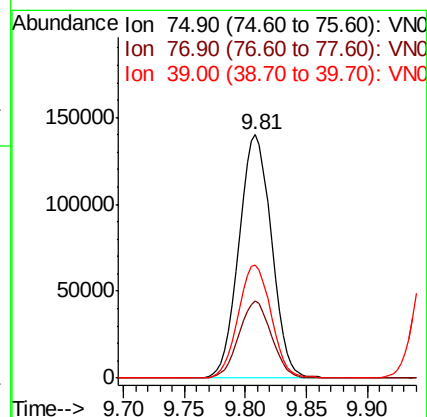
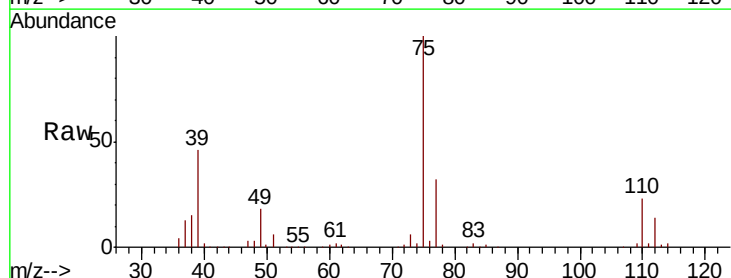
Tgt Ion: 75 Resp: 259476

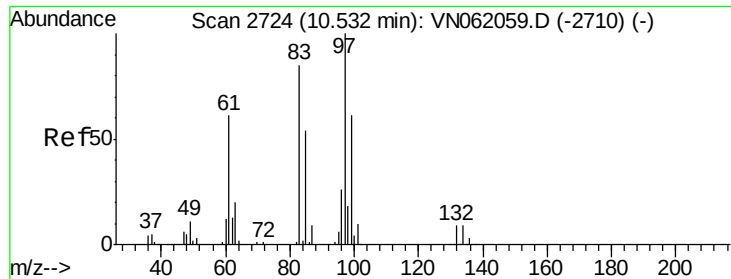
Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.6

39 46.2 36.9 55.3

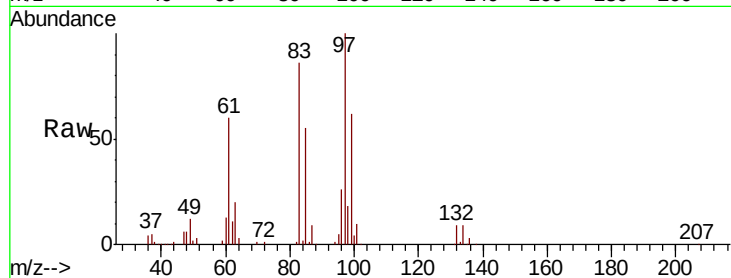




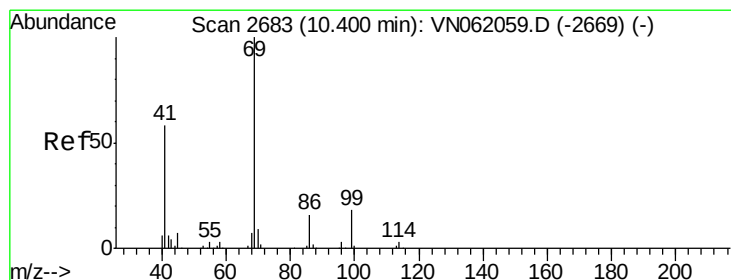
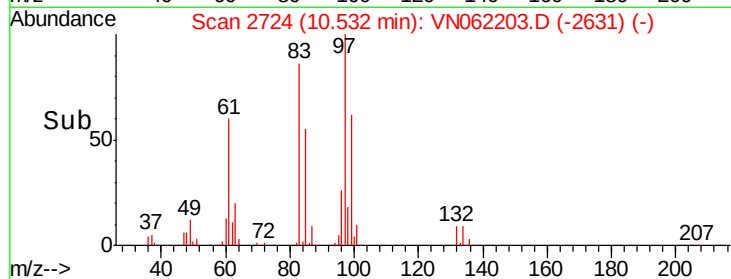
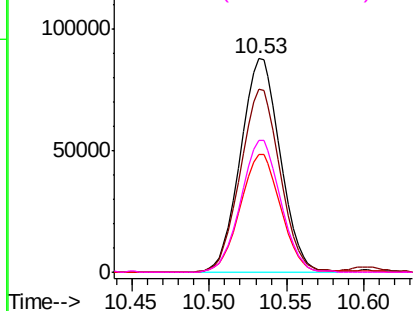
#55
 1,1,2-Trichloroethane
 Concen: 52.837 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	157586
Ion	Ratio	Lower	Upper
97	100		
83	85.5	68.2	102.2
85	55.3	43.2	64.8
99	61.5	48.5	72.7

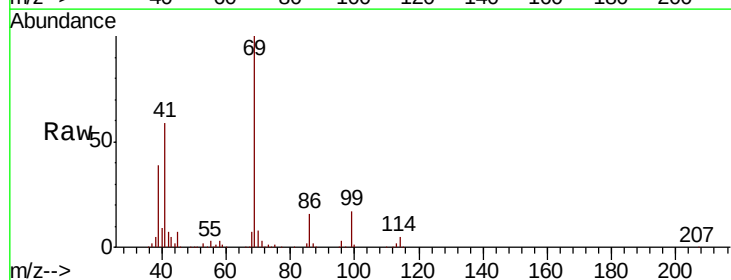


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

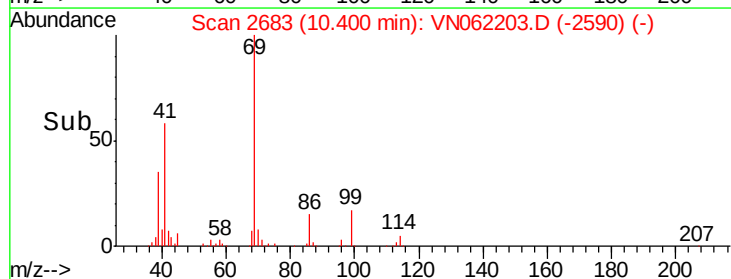
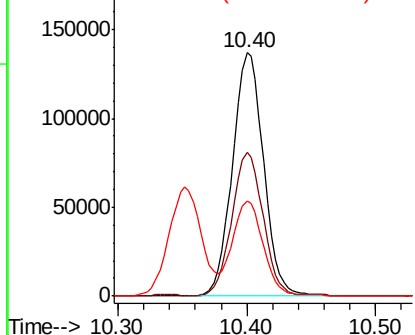


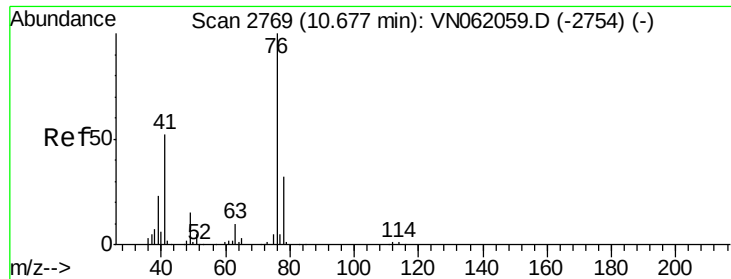
#56
 Ethyl methacrylate
 Concen: 57.815 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

Tgt Ion:	69	Resp:	230120
Ion	Ratio	Lower	Upper
69	100		
41	58.5	46.6	70.0
39	38.2	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

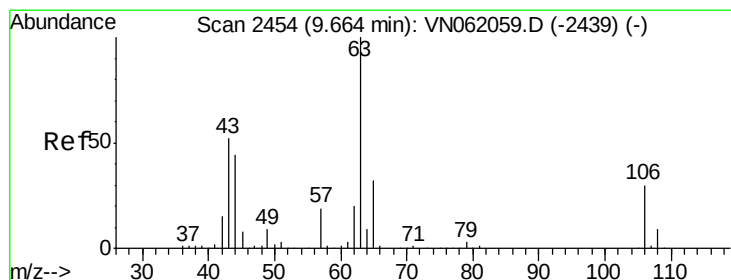
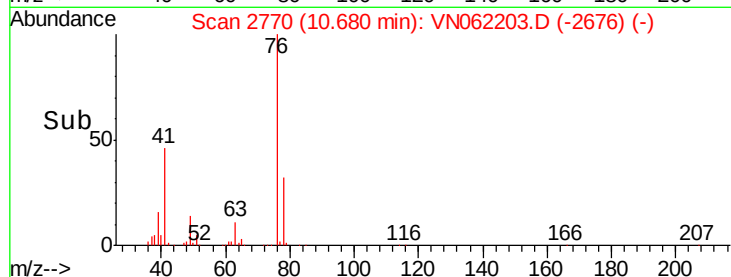
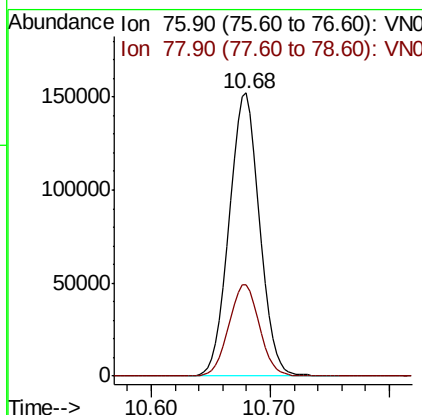
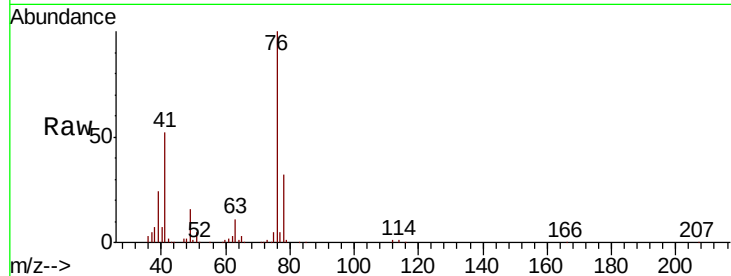




#57
 1,3-Dichloropropane
 Concen: 52.505 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

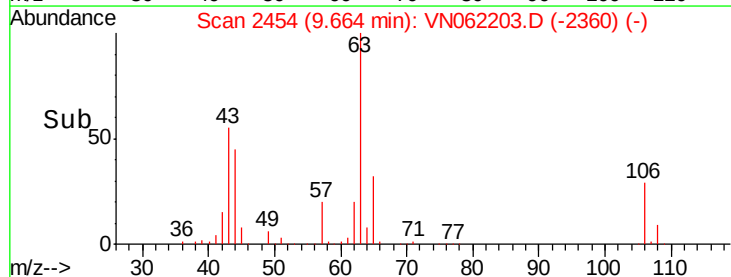
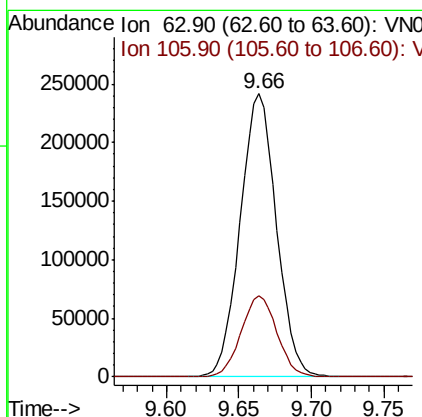
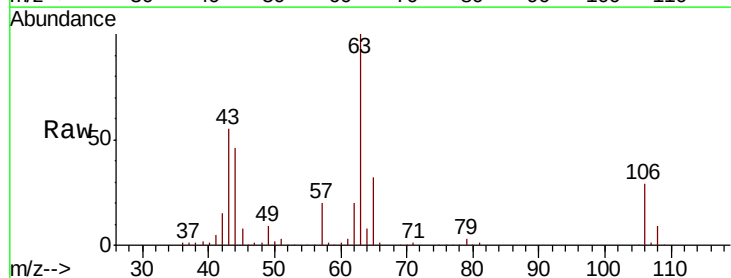
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

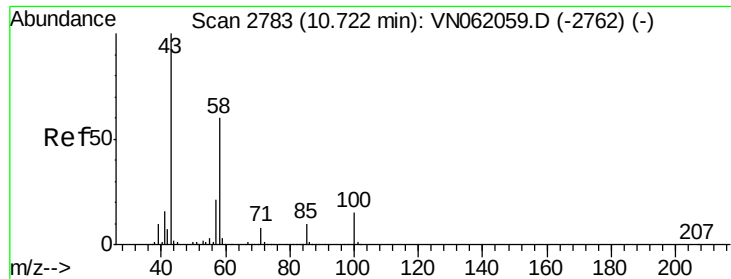
Tot Ion: 76 Resp: 269541
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 248.354 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

Tgt Ion: 63 Resp: 420674
 Ion Ratio Lower Upper
 63 100
 106 28.4 23.2 34.8

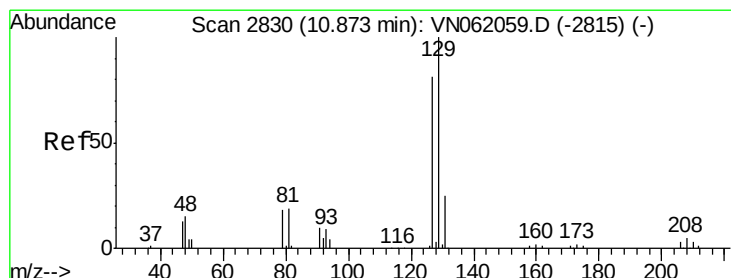
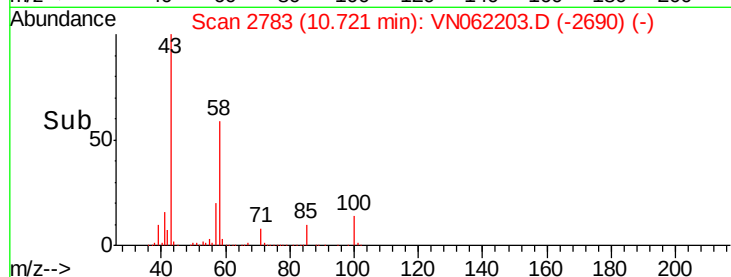
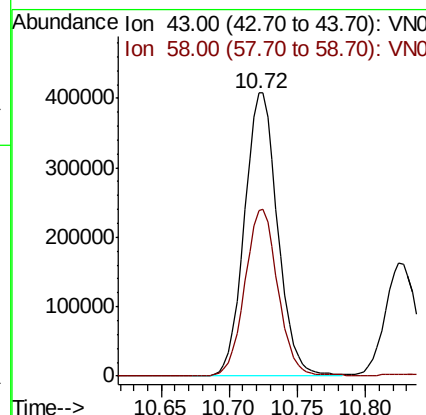
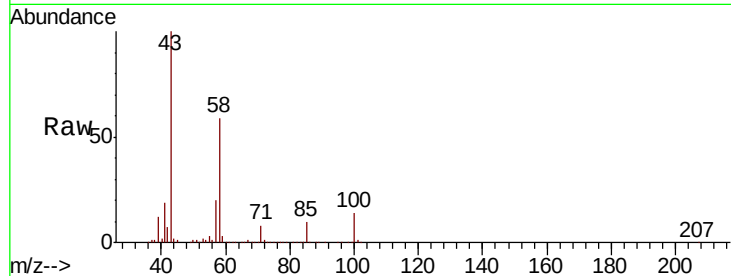




#59
2-Hexanone
Concen: 296.106 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

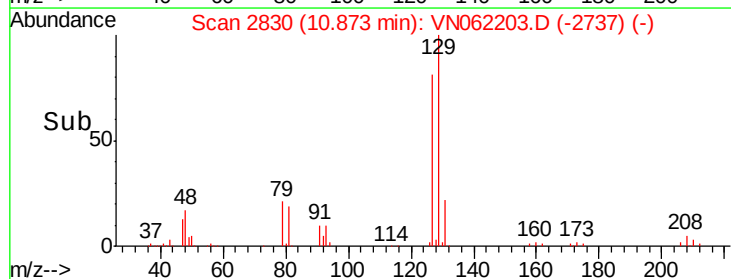
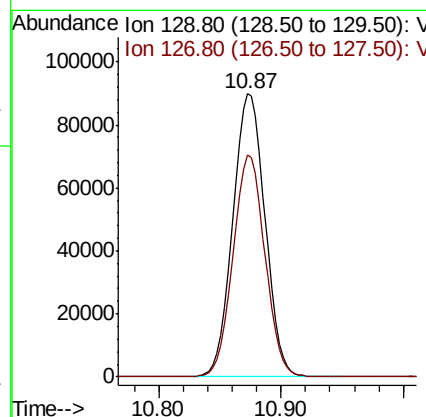
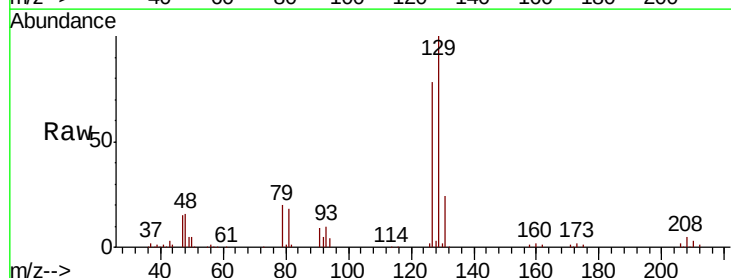
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

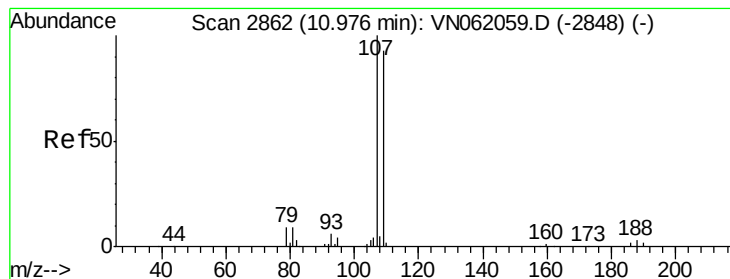
Tot Ion: 43 Resp: 687985
Ion Ratio Lower Upper
43 100
58 58.8 29.5 88.5



#60
Dibromochloromethane
Concen: 52.354 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Tgt Ion: 129 Resp: 165316
Ion Ratio Lower Upper
129 100
127 77.8 39.5 118.5





#61

1,2-Dibromoethane

Concen: 52.569 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

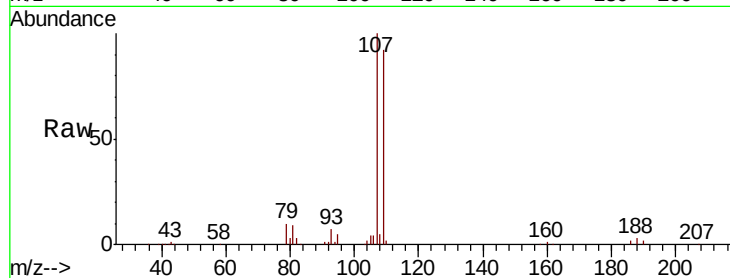
VSTDCCC050EC

Tot Ion:107 Resp: 161101

Ion Ratio Lower Upper

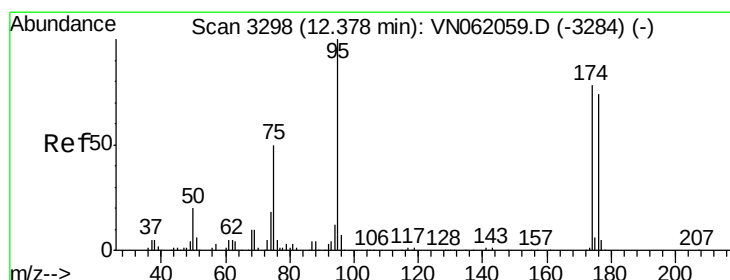
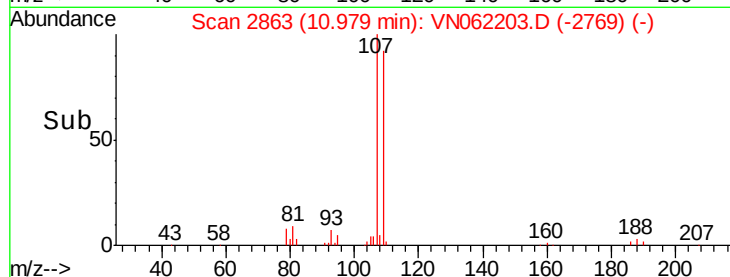
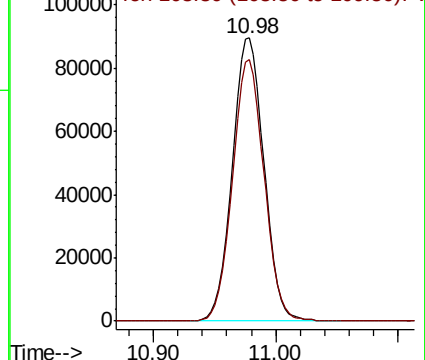
107 100

109 92.4 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.695 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

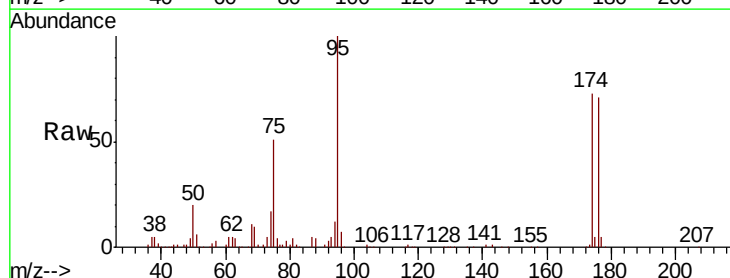
Tgt Ion: 95 Resp: 181800

Ion Ratio Lower Upper

95 100

174 74.1 0.0 154.8

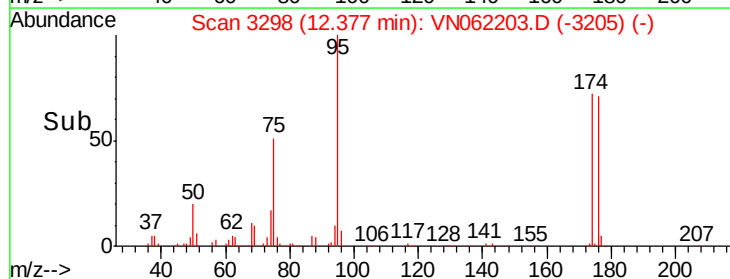
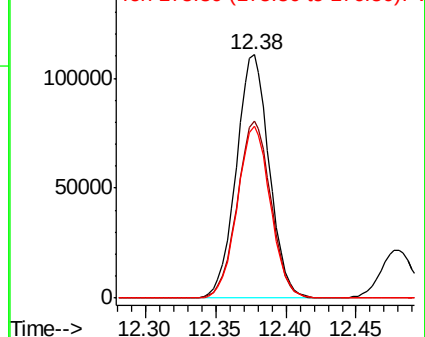
176 71.2 0.0 147.4

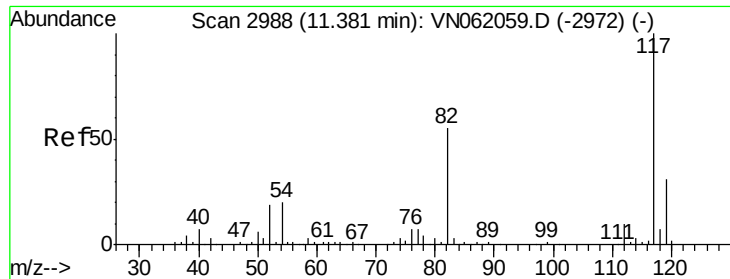


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

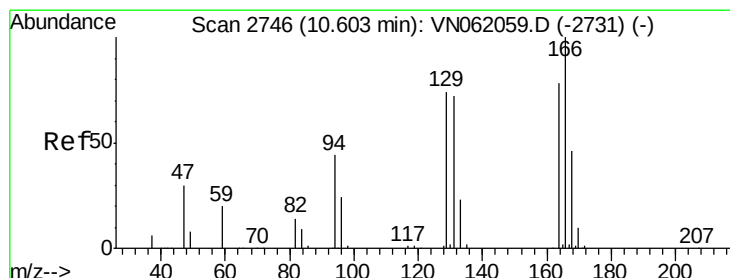
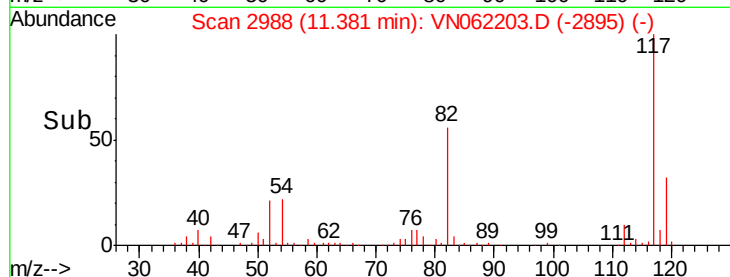
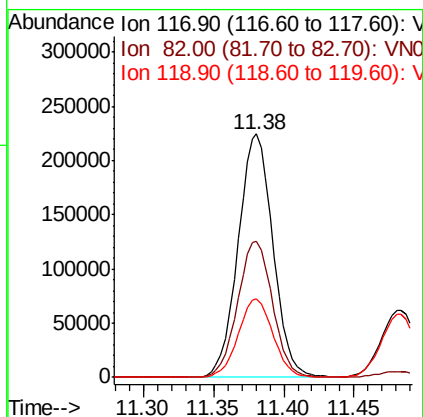
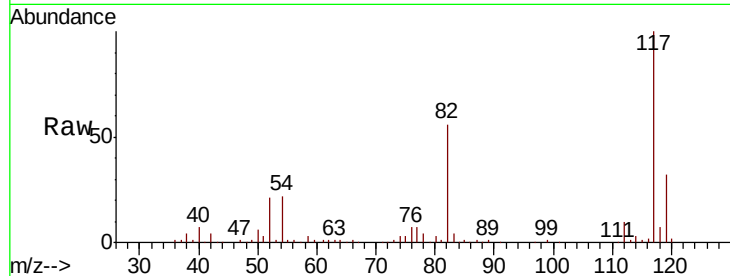




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

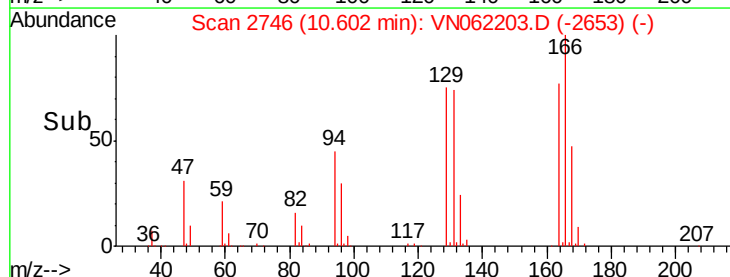
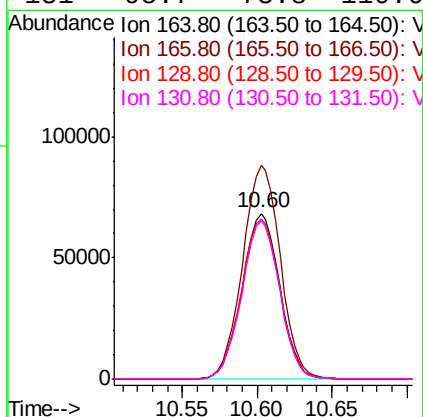
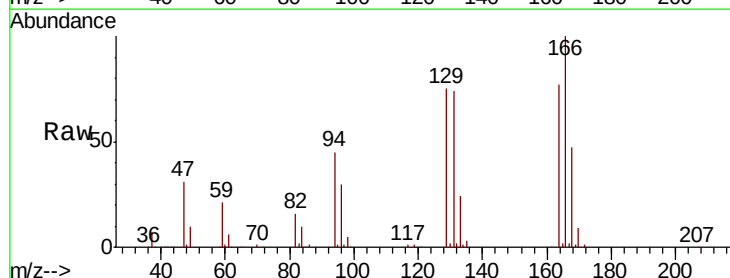
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

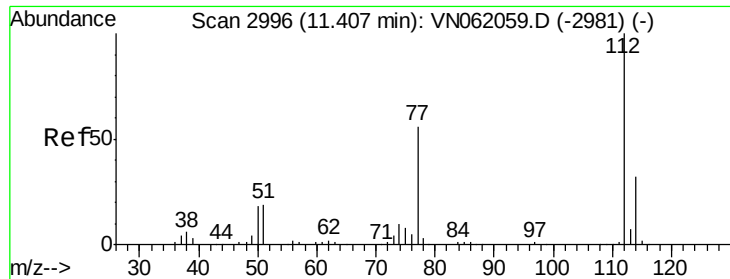
Tot Ion:117 Resp: 387881
Ion Ratio Lower Upper
117 100
82 55.8 43.8 65.8
119 32.2 25.2 37.8



#64
Tetrachloroethene
Concen: 45.412 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Tgt Ion:164 Resp: 120323
Ion Ratio Lower Upper
164 100
166 129.1 102.9 154.3
129 96.8 75.8 113.8
131 95.7 73.8 110.6

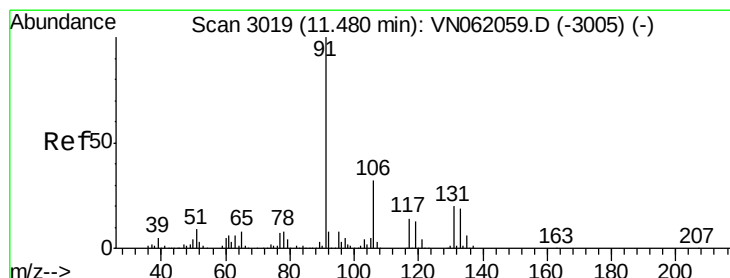
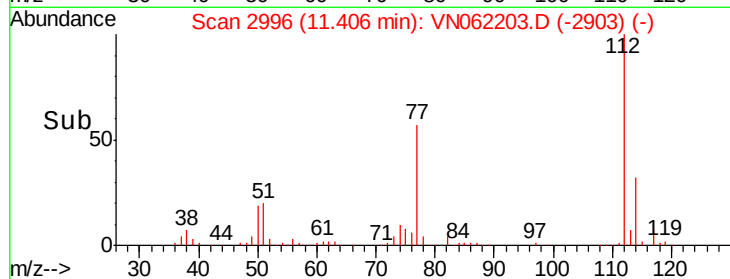
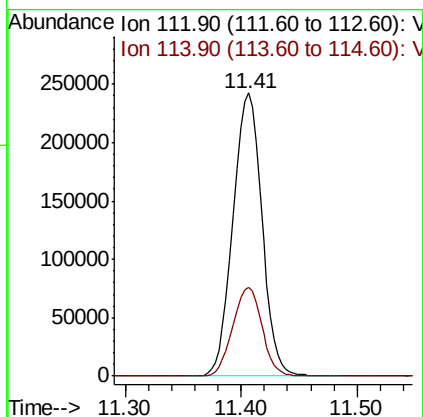
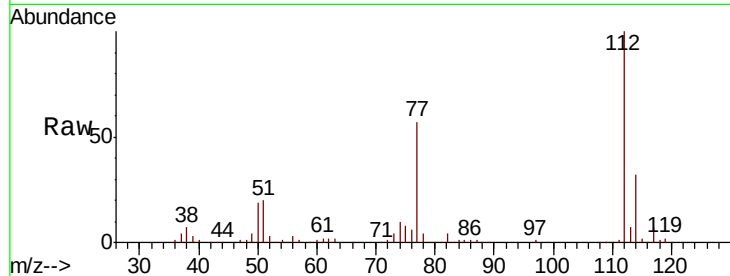




#65
Chlorobenzene
Concen: 49.053 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

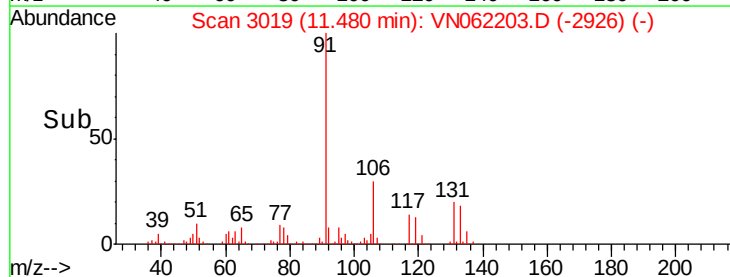
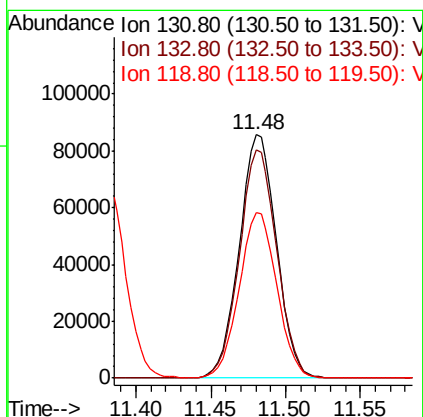
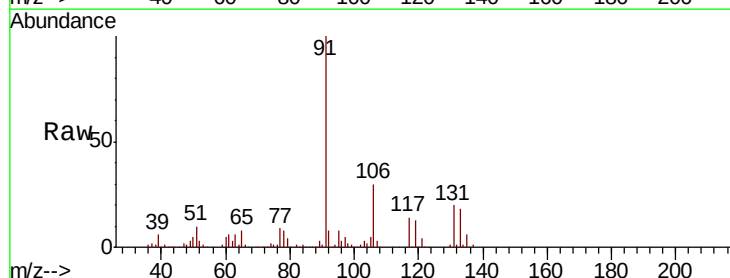
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

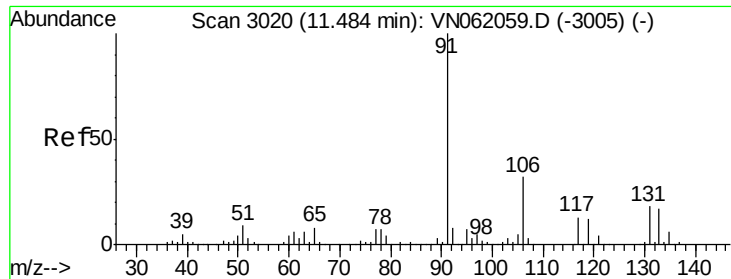
Tot Ion:112 Resp: 417828
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.263 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Tgt Ion:131 Resp: 148046
Ion Ratio Lower Upper
131 100
133 94.7 47.6 142.9
119 69.0 34.4 103.3

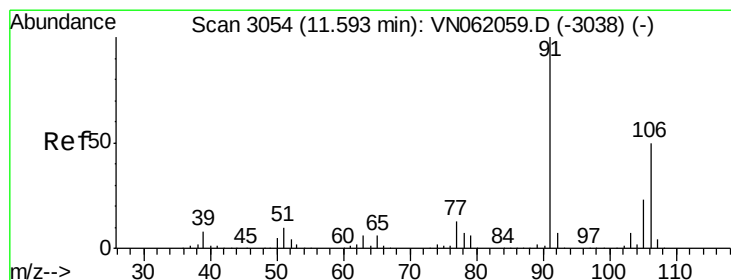
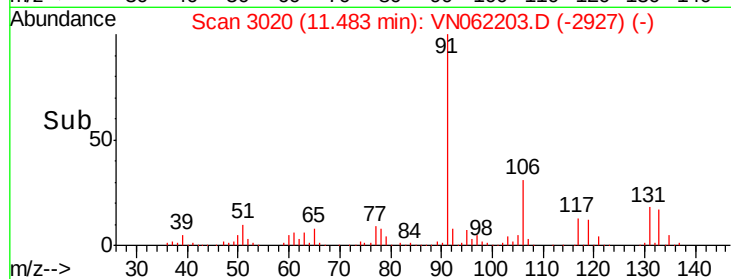
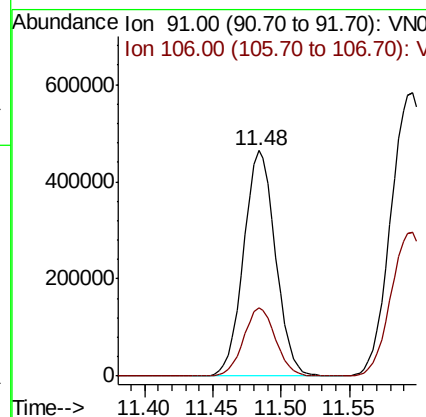
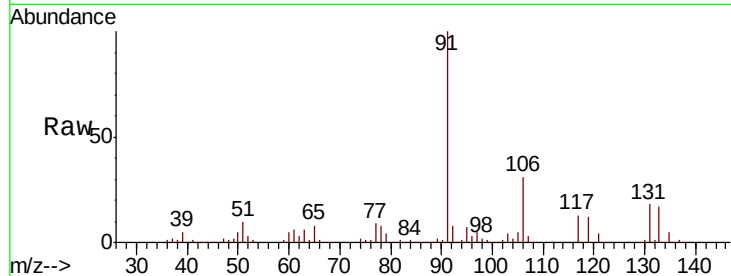




#67
Ethyl Benzene
Concen: 52.394 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

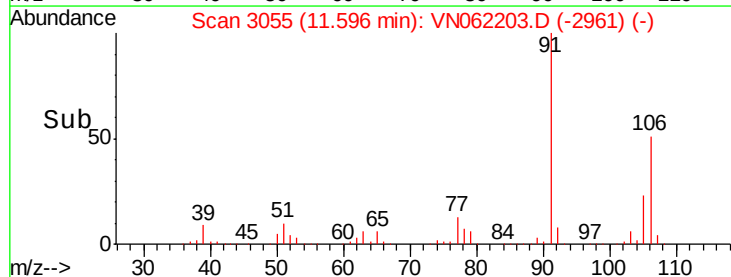
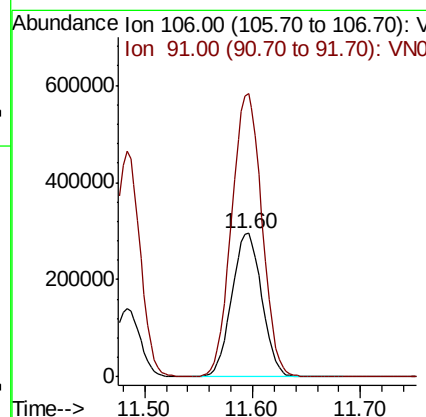
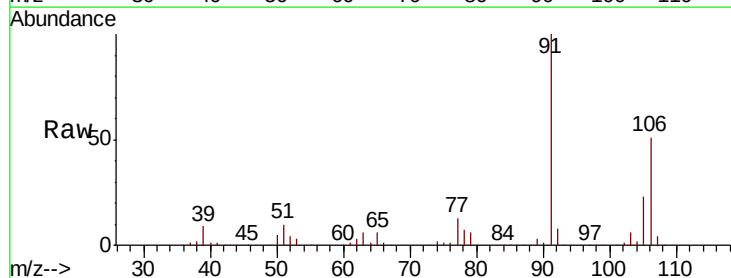
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

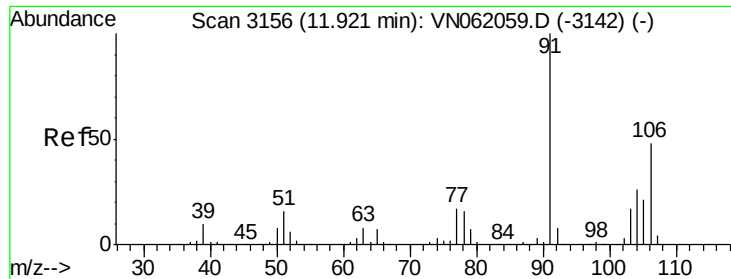
Tot Ion: 91 Resp: 753719
Ion Ratio Lower Upper
91 100
106 30.5 25.3 37.9



#68
m/p-Xylenes
Concen: 103.362 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Tgt Ion: 106 Resp: 575123
Ion Ratio Lower Upper
106 100
91 198.7 157.8 236.8

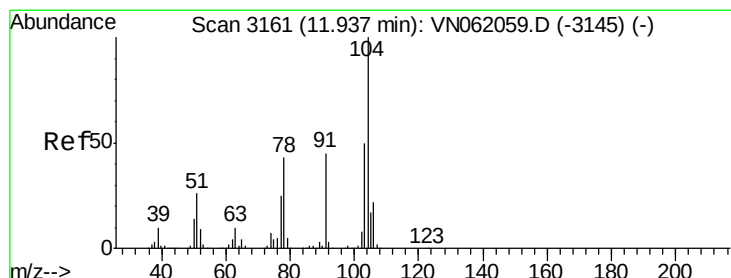
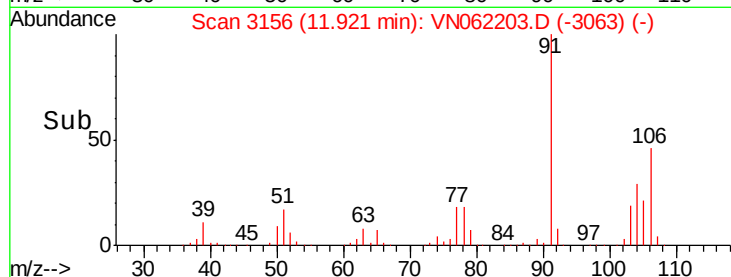
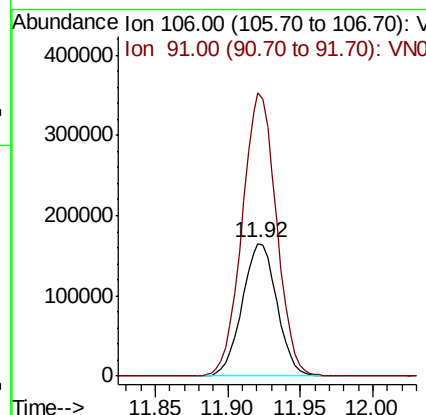
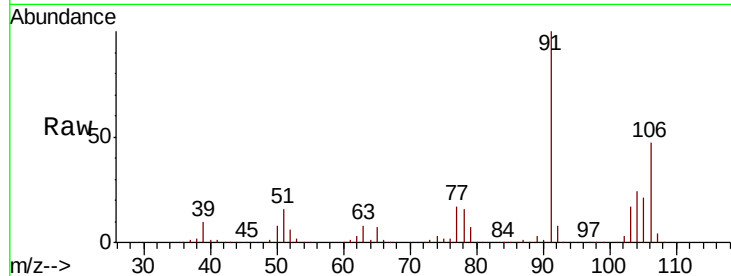




#69
o-Xylene
Concen: 52.326 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

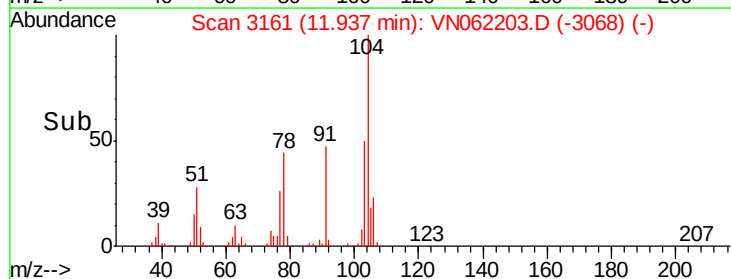
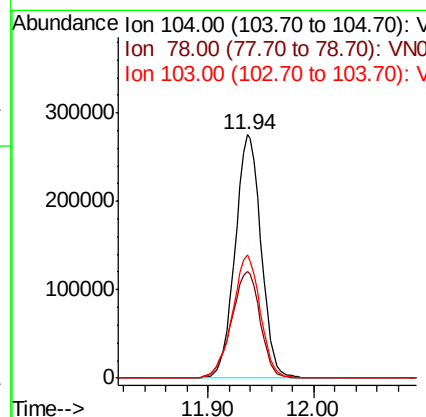
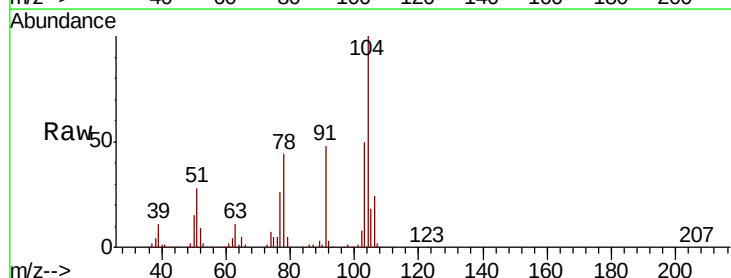
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

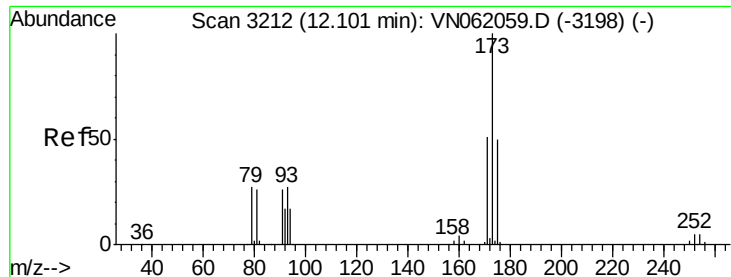
Tot Ion:106 Resp: 274704
Ion Ratio Lower Upper
106 100
91 211.3 104.0 311.9



#70
Styrene
Concen: 53.506 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062203.D
Acq: 29 Jun 2020 21:20

Tgt Ion:104 Resp: 468464
Ion Ratio Lower Upper
104 100
78 48.6 37.7 56.5
103 54.3 43.0 64.6





#71

Bromoform

Concen: 50.895 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

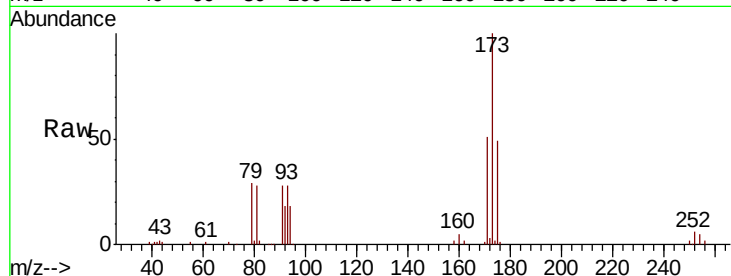
Tot Ion:173 Resp: 106583

Ion Ratio Lower Upper

173 100

175 48.3 24.7 74.1

254 0.0 0.0 0.0

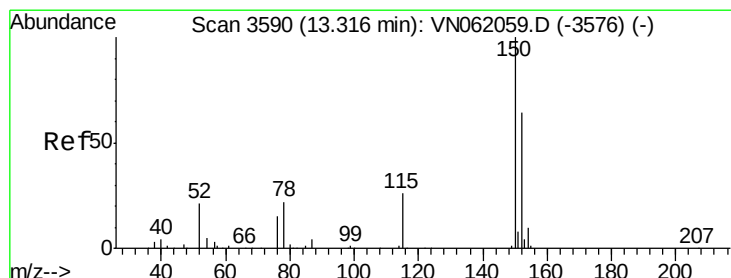
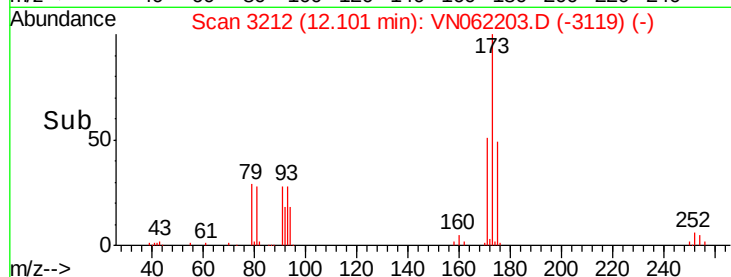
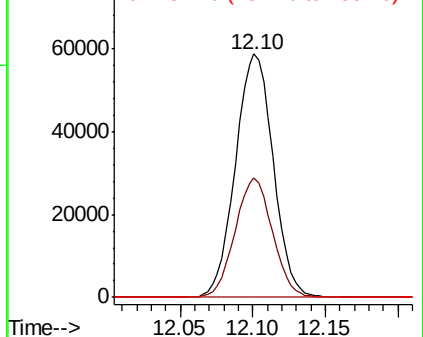


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

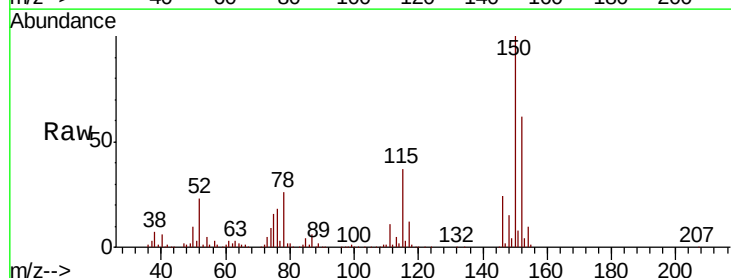
Tgt Ion:152 Resp: 184948

Ion Ratio Lower Upper

152 100

115 59.8 29.5 88.5

150 173.4 0.0 351.4

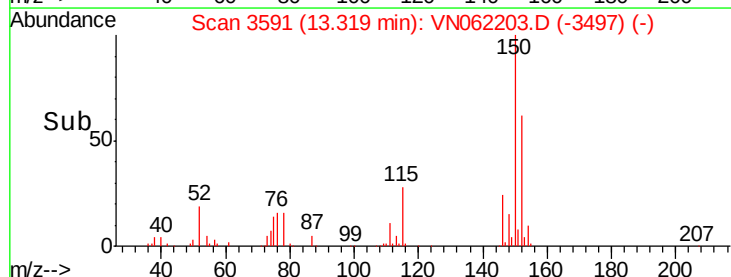
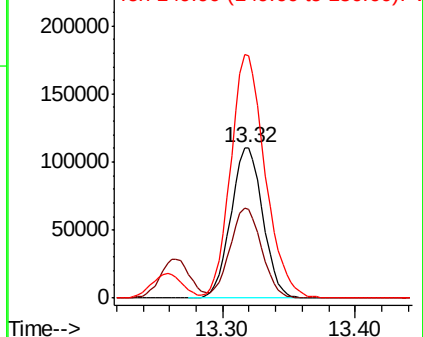


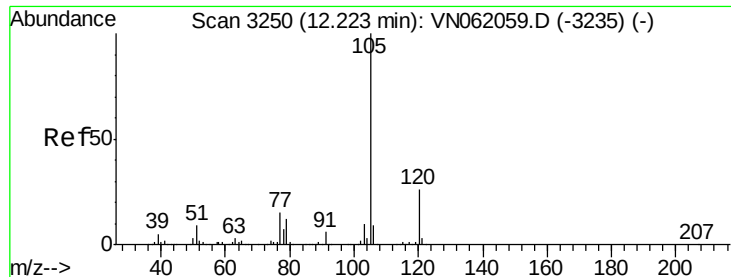
Abundance

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: 51.167 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

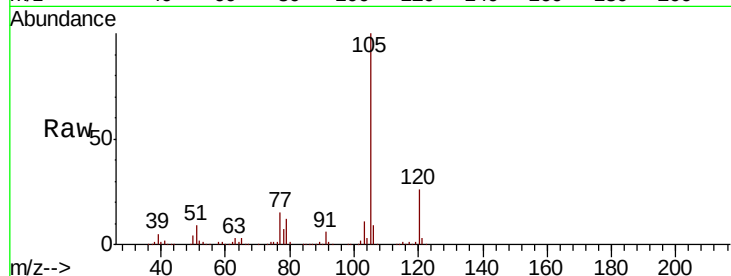
VSTDCCC050EC

Tot Ion:105 Resp: 732529

Ion Ratio Lower Upper

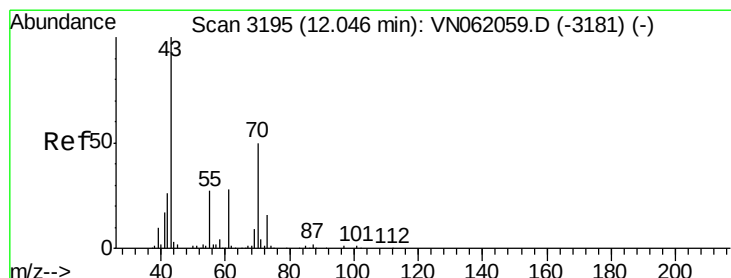
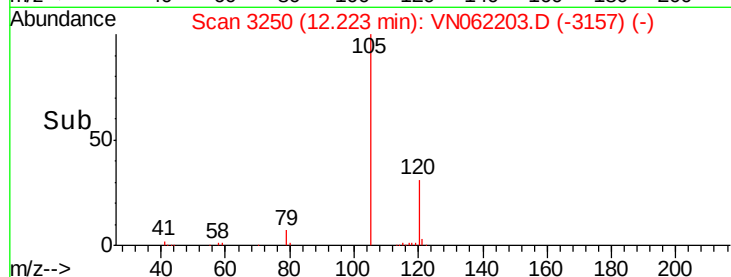
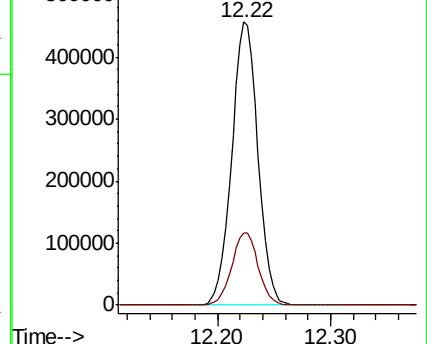
105 100

120 25.8 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.331 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Tgt Ion: 43 Resp: 271021

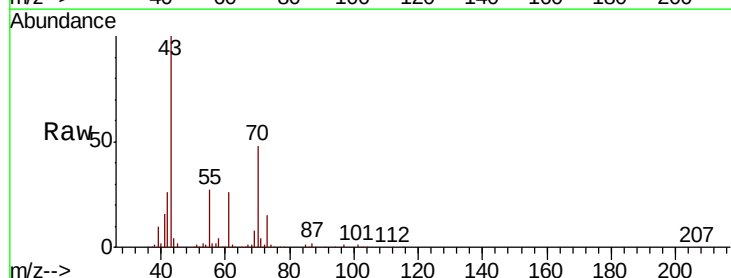
Ion Ratio Lower Upper

43 100

70 48.1 39.4 59.2

55 27.2 21.7 32.5

61 25.8 21.3 31.9

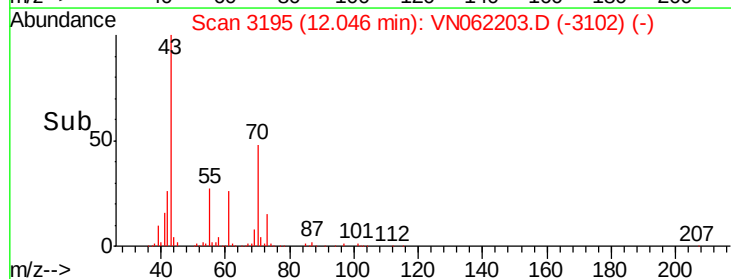
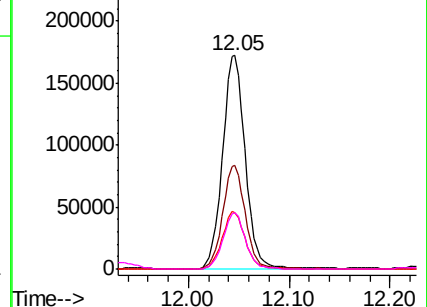


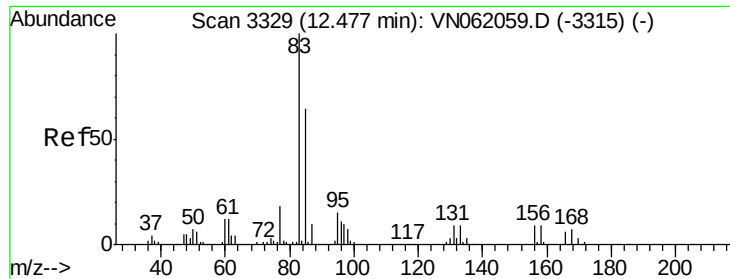
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.605 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

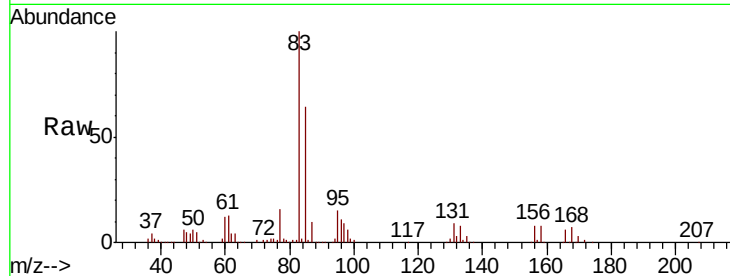
Tot Ion: 83 Resp: 241091

Ion Ratio Lower Upper

83 100

131 9.2 4.8 14.4

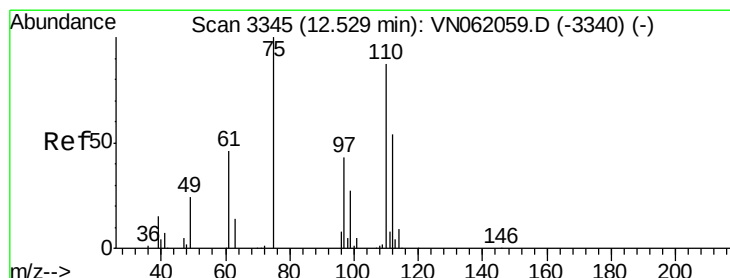
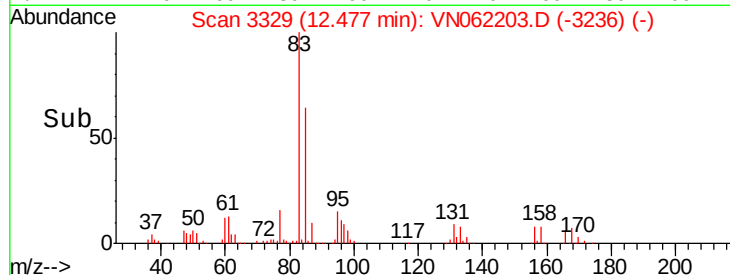
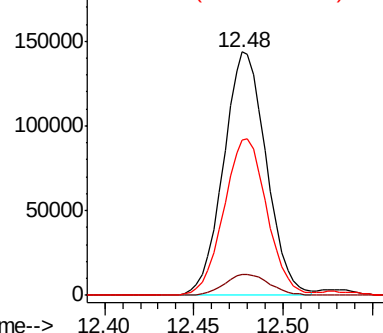
85 64.5 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062203.D (-3236) (-)

Ion 130.80 (130.50 to 131.50): VN062203.D (-3236) (-)

Ion 84.90 (84.60 to 85.60): VN062203.D (-3236) (-)



#76

1,2,3-Trichloropropane

Concen: 69.290 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062203.D

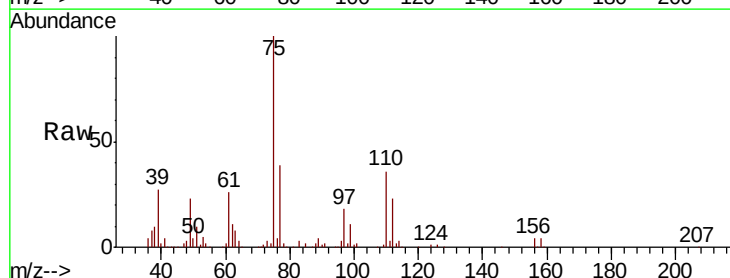
Acq: 29 Jun 2020 21:20

Tgt Ion: 75 Resp: 301676

Ion Ratio Lower Upper

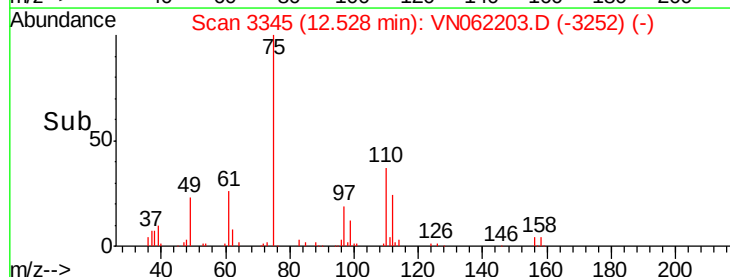
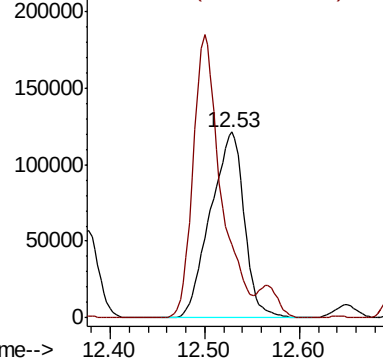
75 100

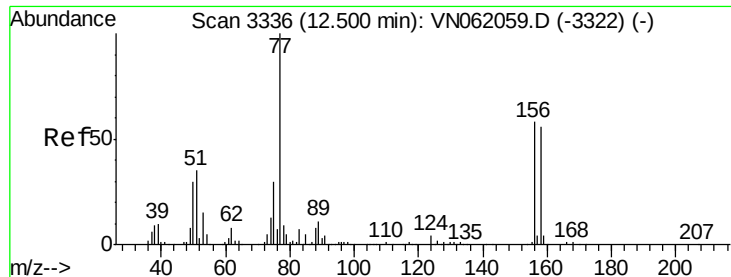
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062203.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062203.D (-3252) (-)





#77

Bromobenzene

Concen: 47.926 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

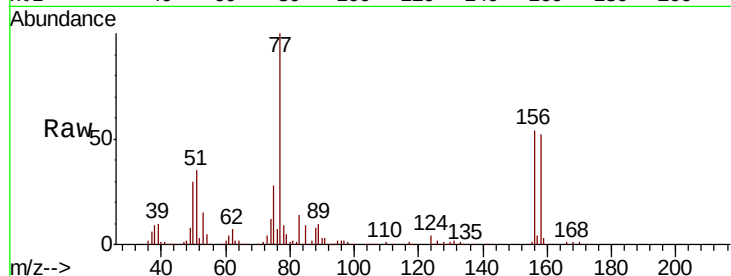
Tot Ion:156 Resp: 170345

Ion Ratio Lower Upper

156 100

77 222.0 104.6 313.8

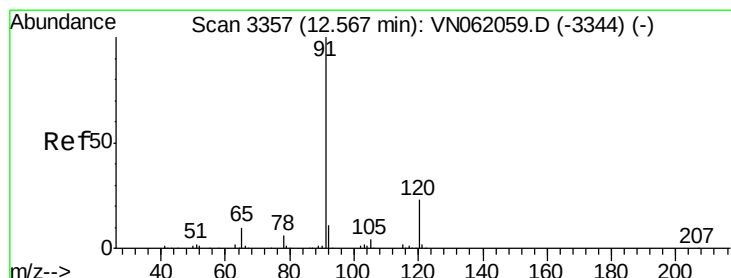
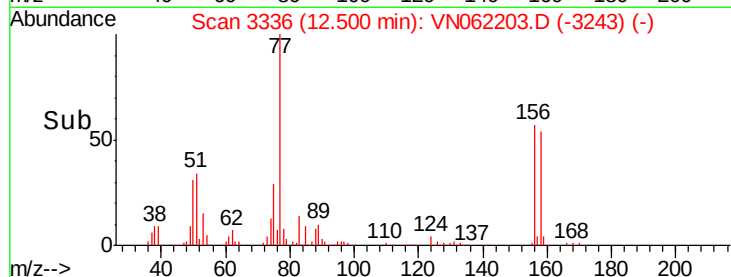
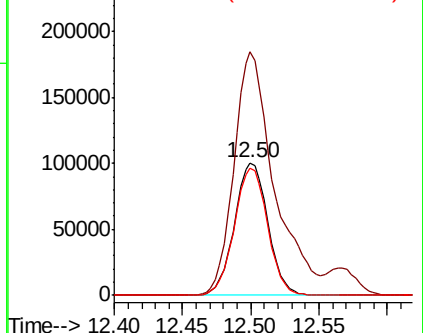
158 96.0 48.0 144.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.727 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062203.D

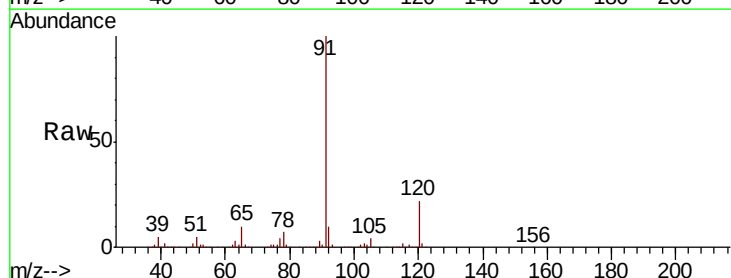
Acq: 29 Jun 2020 21:20

Tgt Ion: 91 Resp: 847080

Ion Ratio Lower Upper

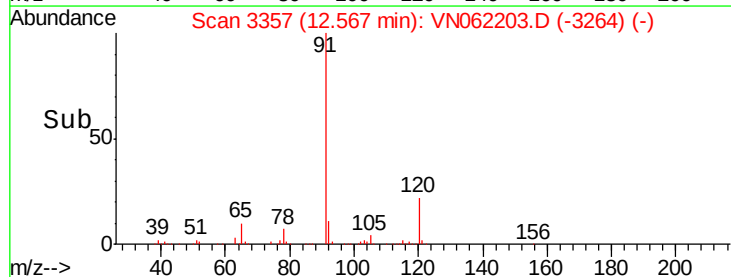
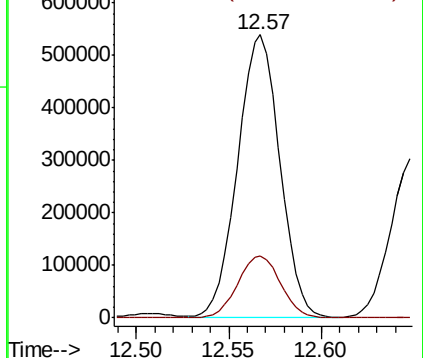
91 100

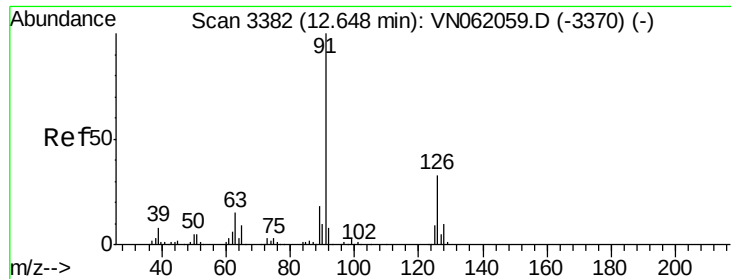
120 22.3 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

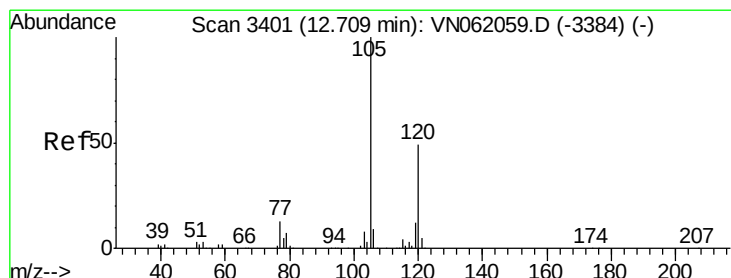
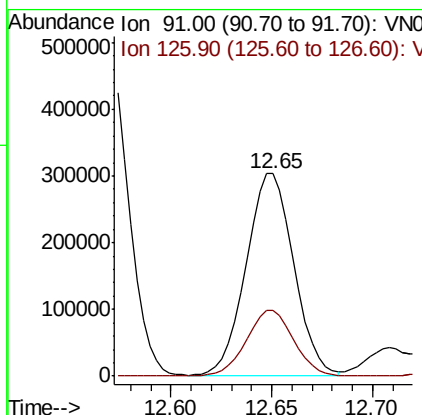
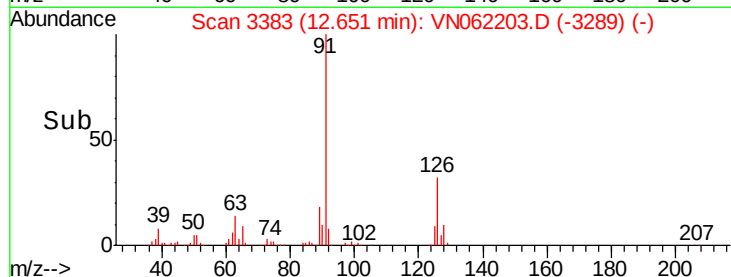
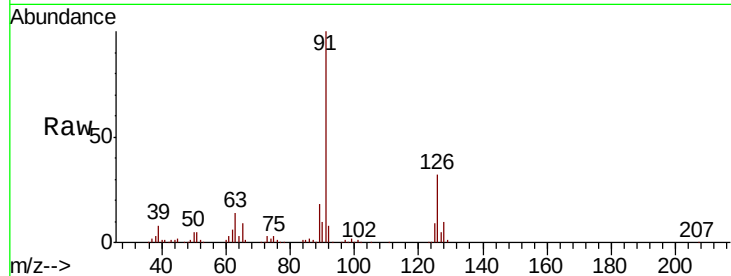




#79
 2-Chlorotoluene
 Concen: 50.377 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

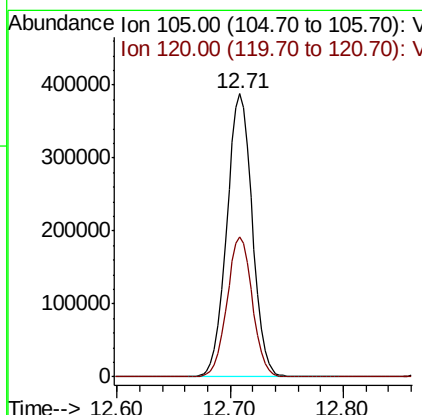
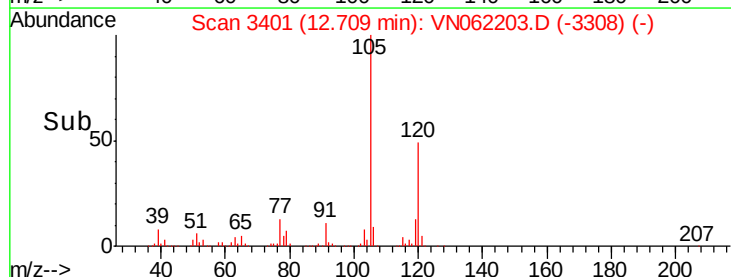
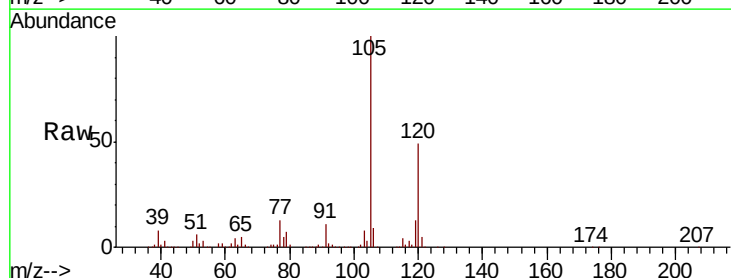
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

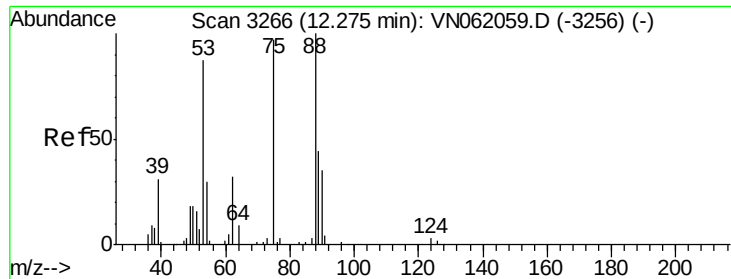
Tot Ion: 91 Resp: 498733
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 52.179 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

Tgt Ion: 105 Resp: 605573
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 51.286 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

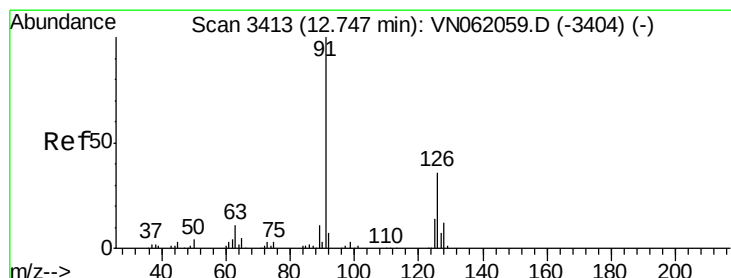
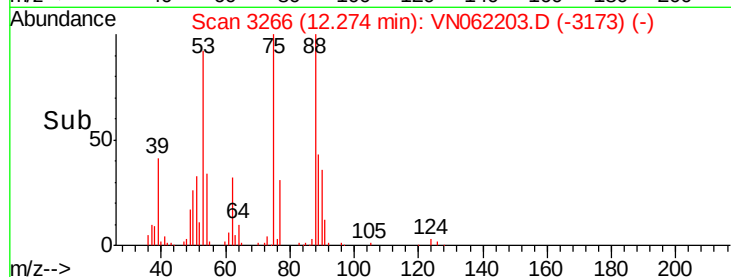
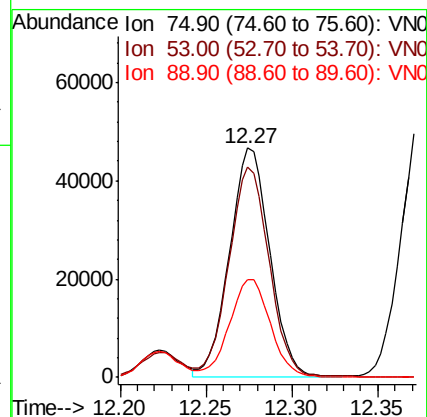
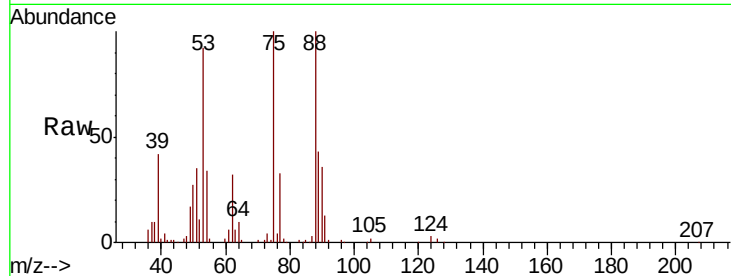
Tot Ion: 75 Resp: 76460

Ion Ratio Lower Upper

75 100

53 92.3 72.0 108.0

89 43.1 36.9 55.3



#82

4-Chlorotoluene

Concen: 50.655 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062203.D

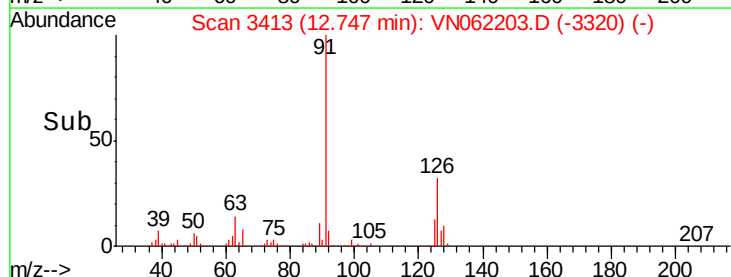
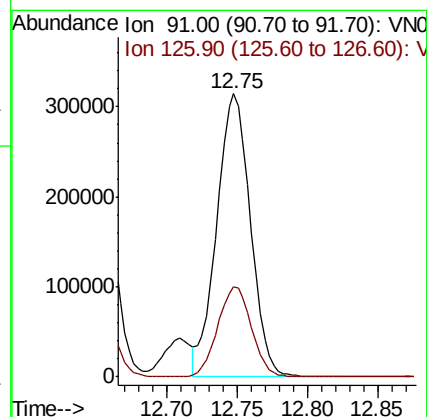
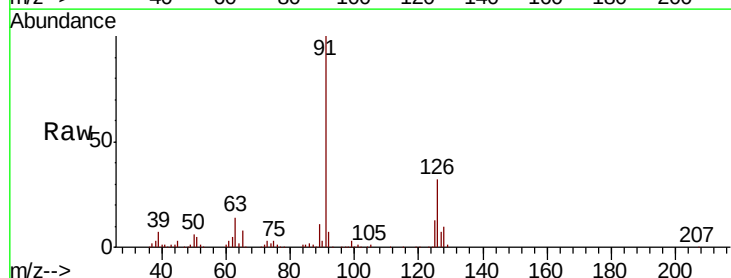
Acq: 29 Jun 2020 21:20

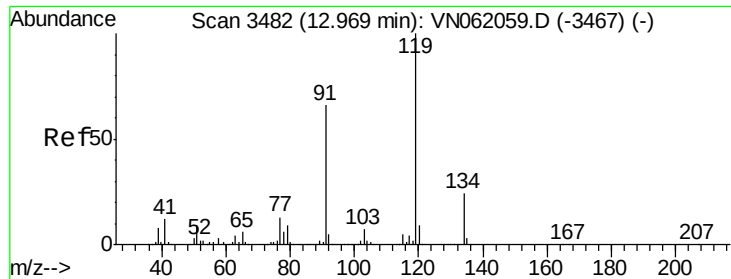
Tgt Ion: 91 Resp: 518582

Ion Ratio Lower Upper

91 100

126 32.0 16.7 50.1

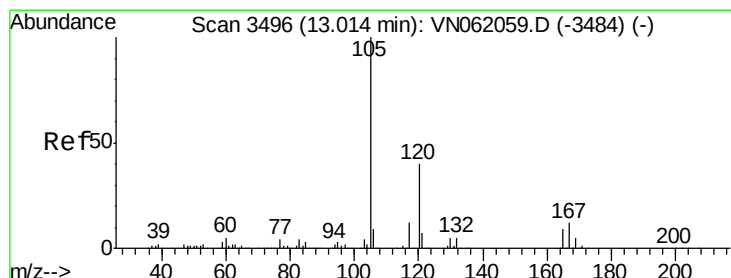
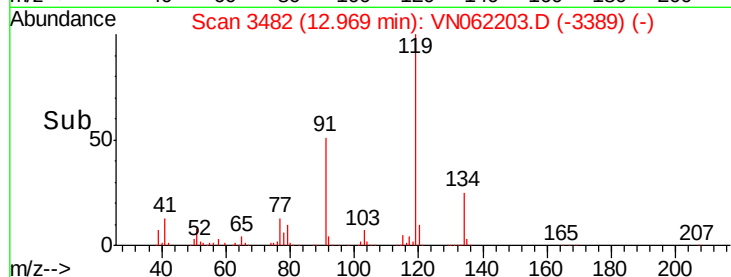
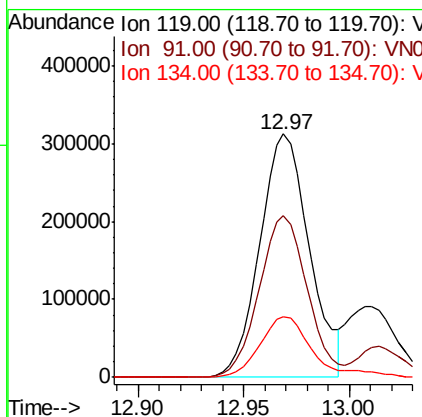
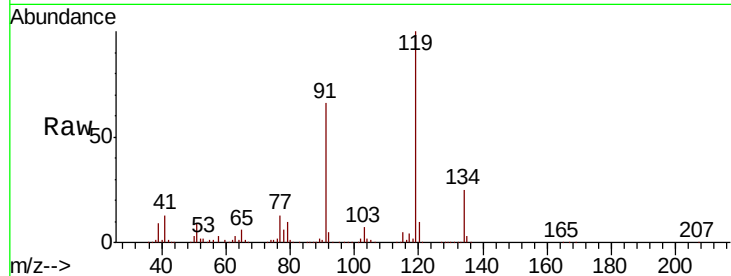




#83
 tert-Butylbenzene
 Concen: 51.537 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

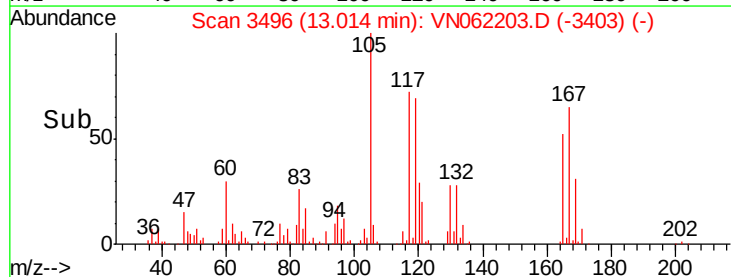
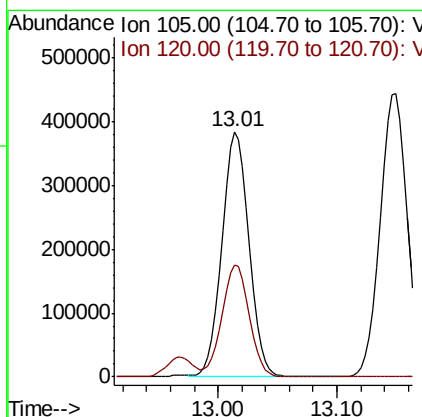
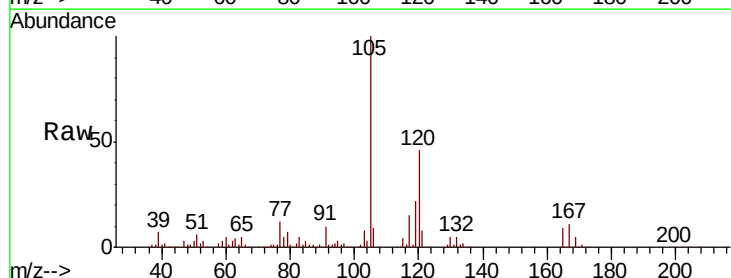
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

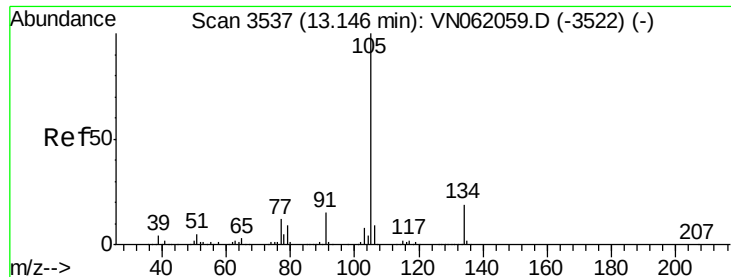
Tot Ion:119 Resp: 511872
 Ion Ratio Lower Upper
 119 100
 91 64.4 31.7 95.1
 134 26.5 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.915 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

Tgt Ion:105 Resp: 601753
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.2 69.5





#85

sec-Butylbenzene

Concen: 53.622 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

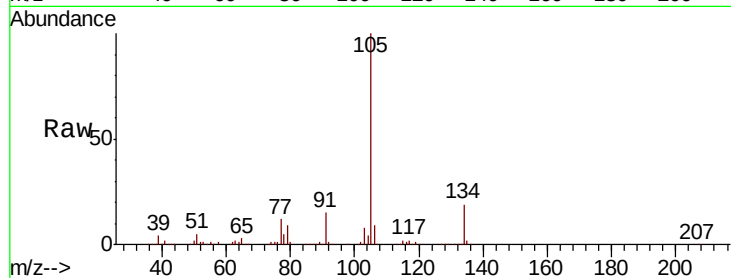
VSTDCCC050EC

Tot Ion:105 Resp: 703745

Ion Ratio Lower Upper

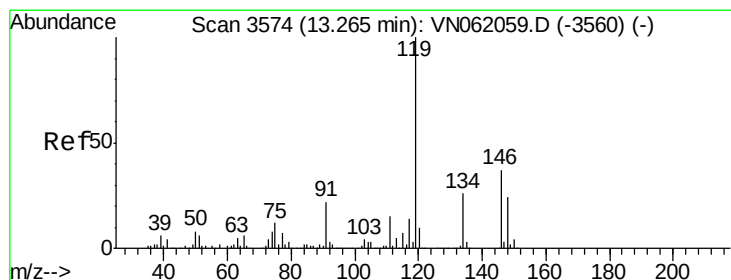
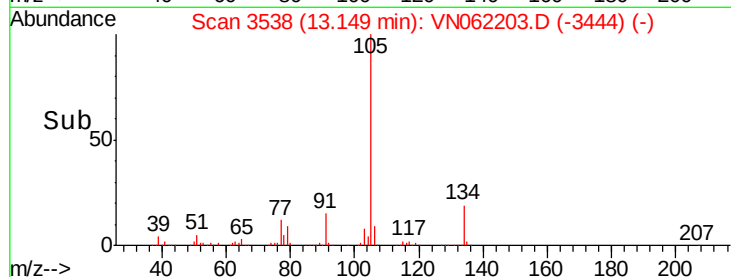
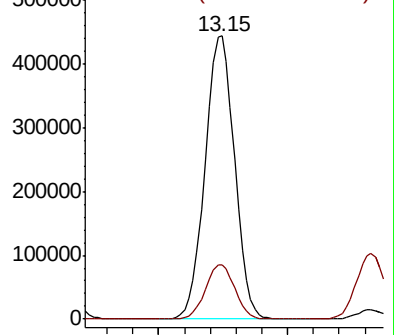
105 100

134 19.2 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.495 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

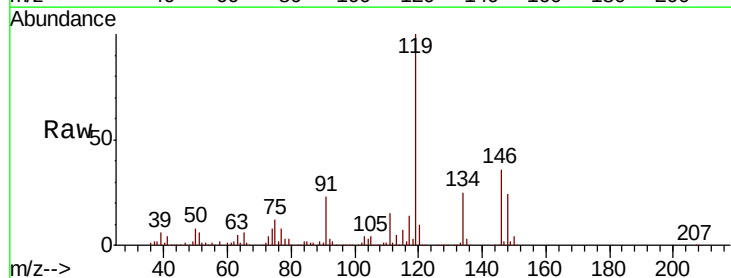
Tgt Ion:119 Resp: 615108

Ion Ratio Lower Upper

119 100

134 25.8 13.0 39.0

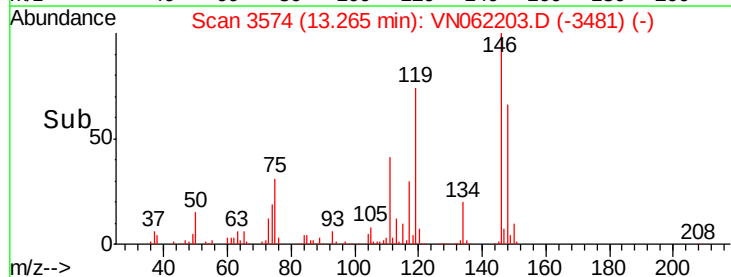
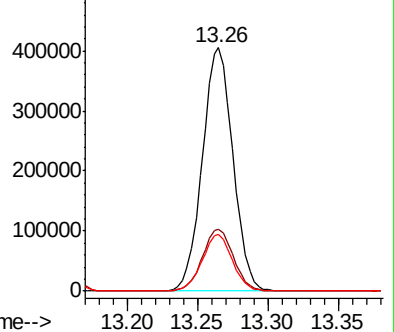
91 22.9 11.3 33.8

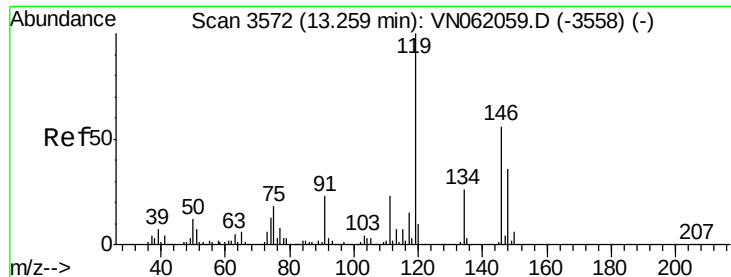


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

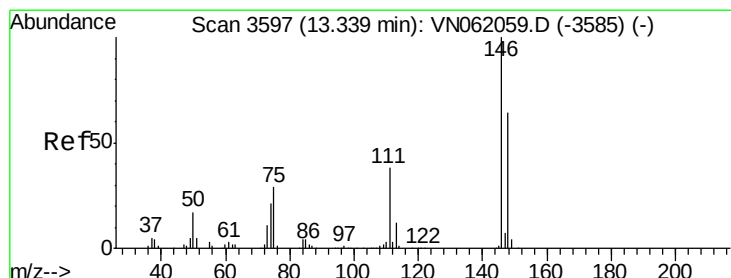
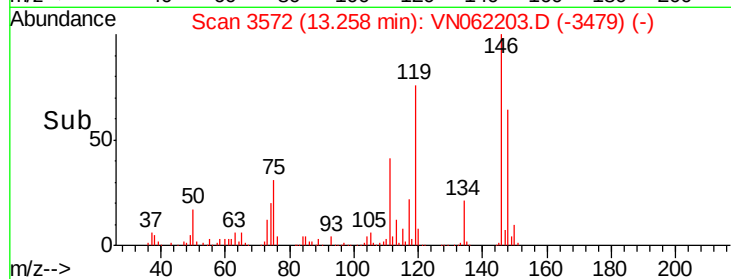
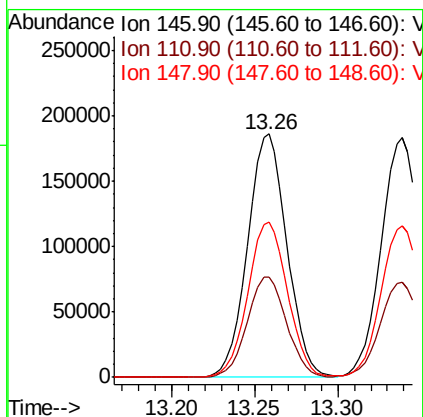
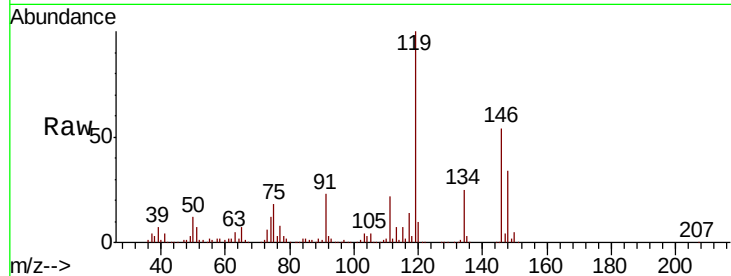




#87
 1,3-Dichlorobenzene
 Concen: 49.070 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

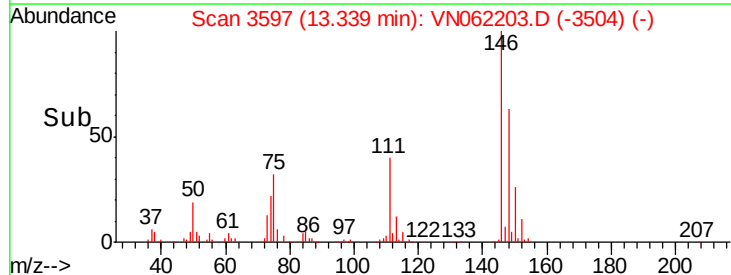
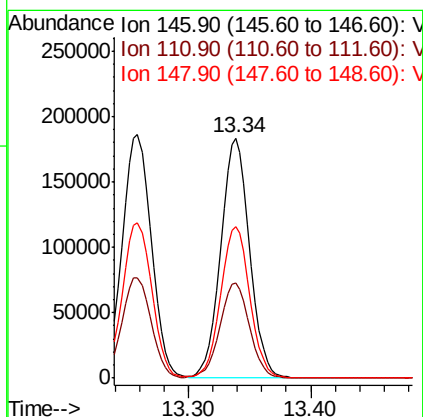
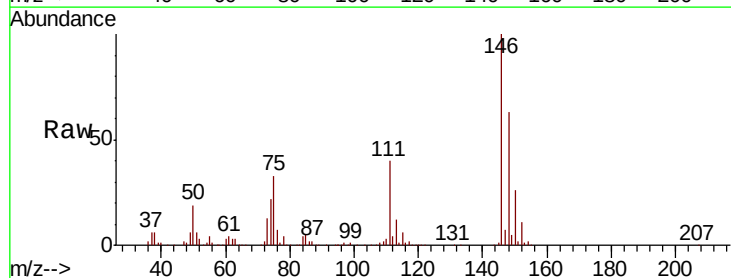
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

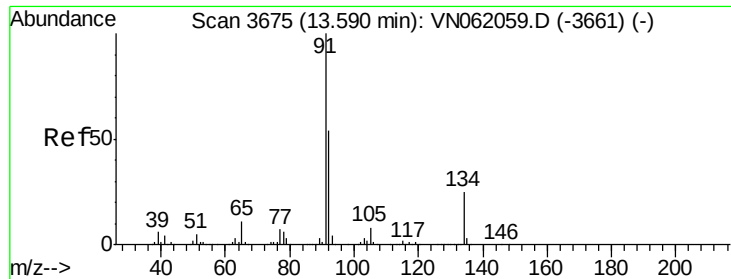
Tot Ion:146 Resp: 306260
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.3 61.0
 148 64.3 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 47.222 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

Tgt Ion:146 Resp: 303811
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.9 59.6
 148 63.8 31.9 95.9





#89

n-Butylbenzene

Concen: 54.965 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

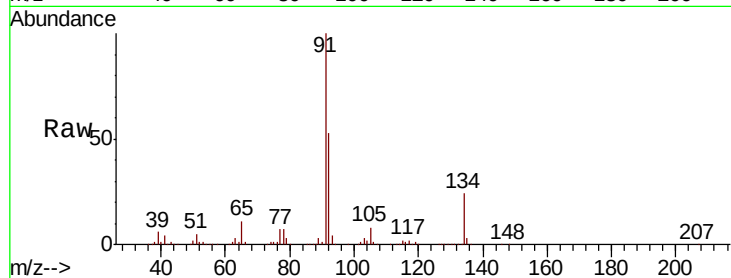
Tot Ion: 91 Resp: 525437

Ion Ratio Lower Upper

91 100

92 52.3 26.6 79.7

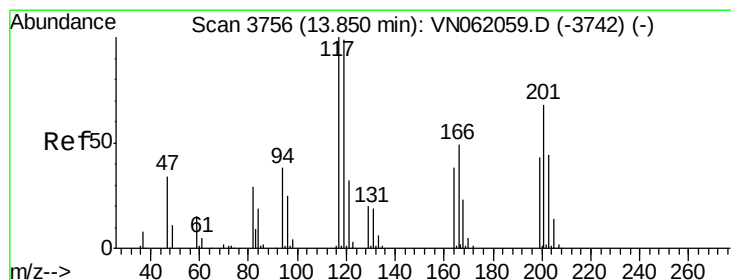
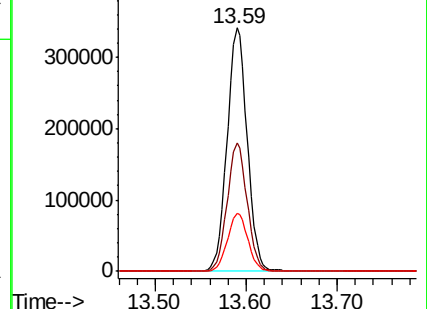
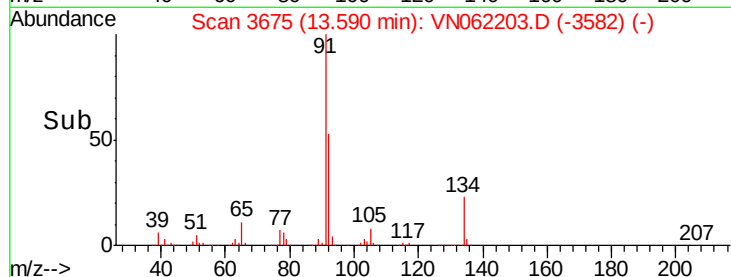
134 24.2 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN062203.D (-3582) (-)

Ion 92.00 (91.70 to 92.70): VN062203.D (-3582) (-)

Ion 134.00 (133.70 to 134.70): VN062203.D (-3582) (-)



#90

Hexachloroethane

Concen: 51.390 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062203.D

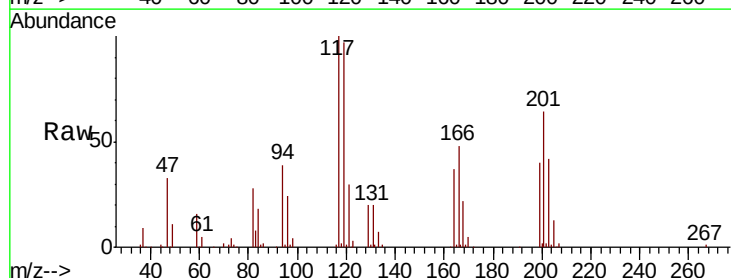
Acq: 29 Jun 2020 21:20

Tgt Ion: 117 Resp: 115933

Ion Ratio Lower Upper

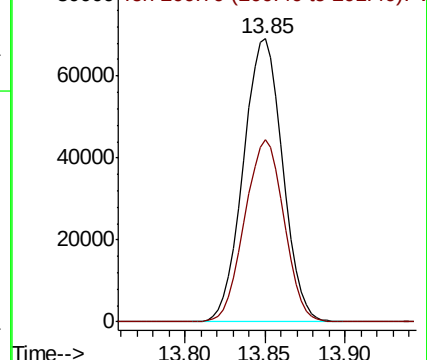
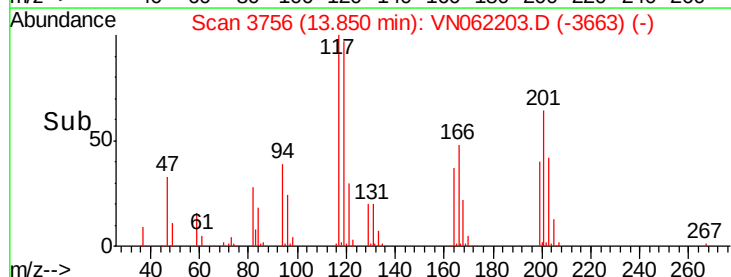
117 100

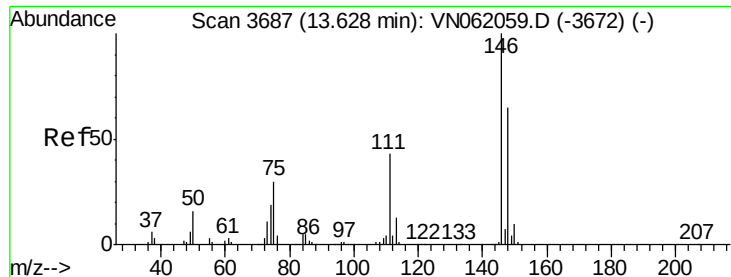
201 64.4 32.7 98.1



Abundance Ion 116.80 (116.50 to 117.50): VN062203.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN062203.D (-3663) (-)

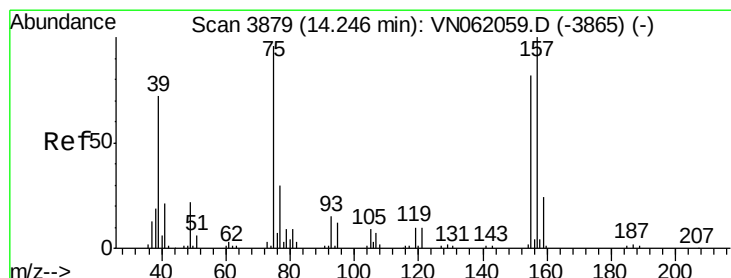
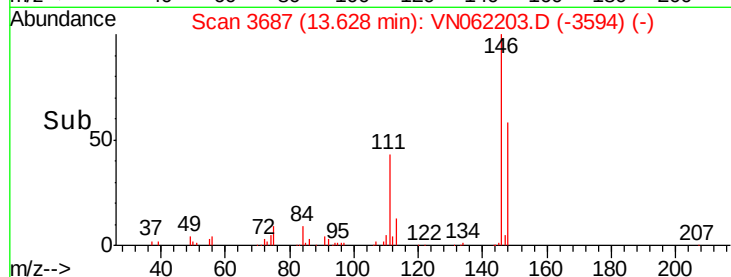
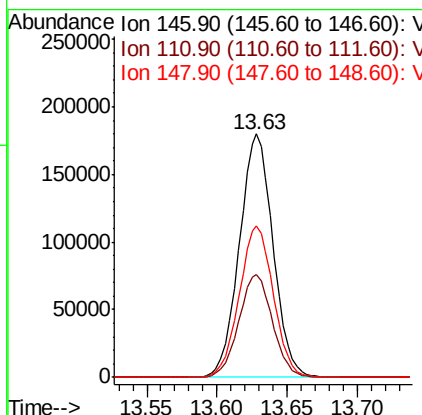
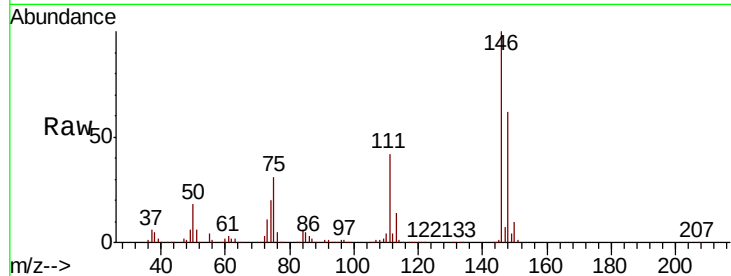




#91
 1,2-Dichlorobenzene
 Concen: 49.729 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

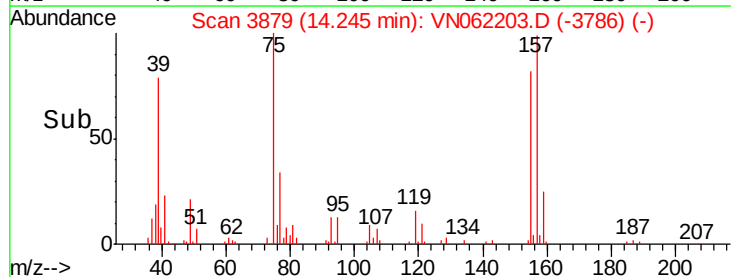
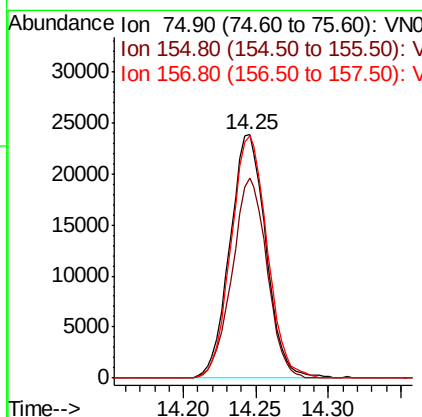
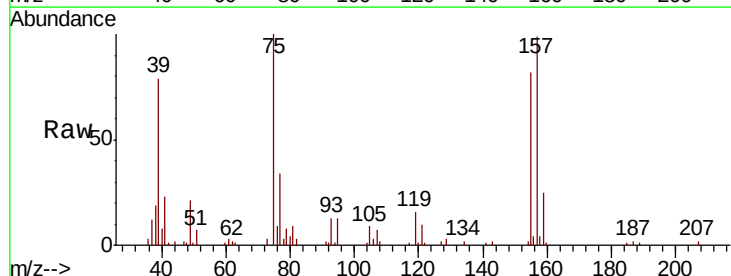
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

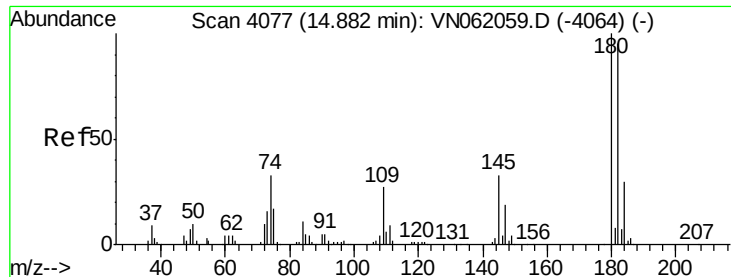
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.2	63.6
148	63.2	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.908 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.2	40.8	122.4
157	99.4	51.4	154.3

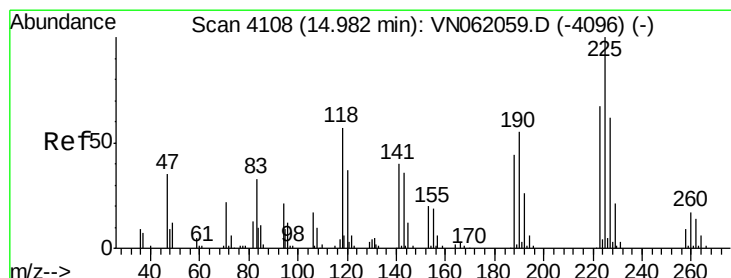
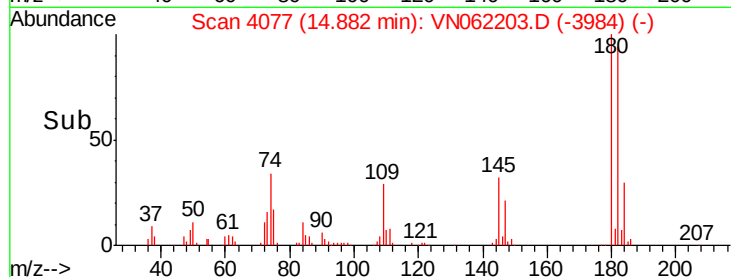
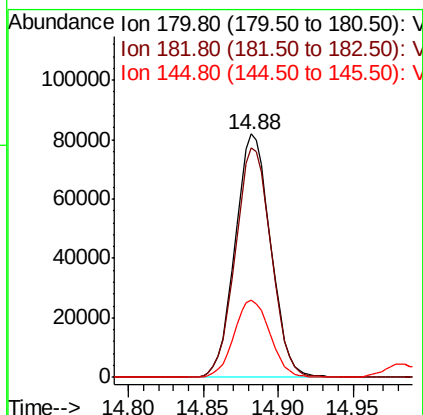
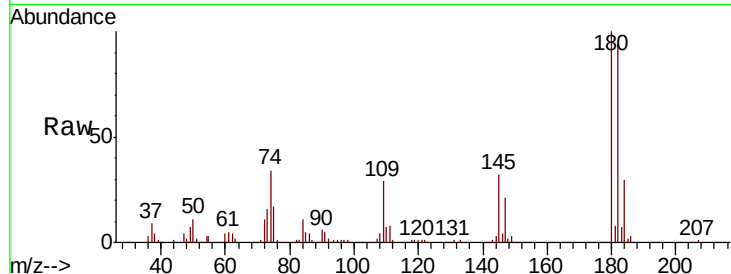




#93
 1,2,4-Trichlorobenzene
 Concen: 51.121 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

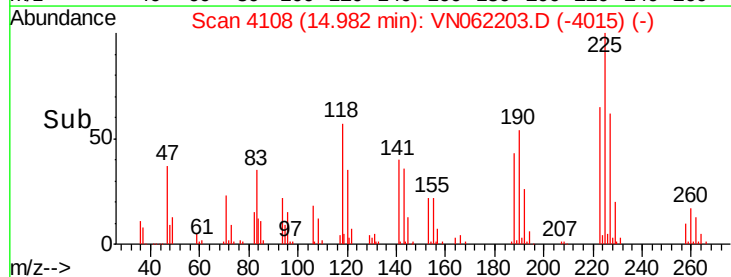
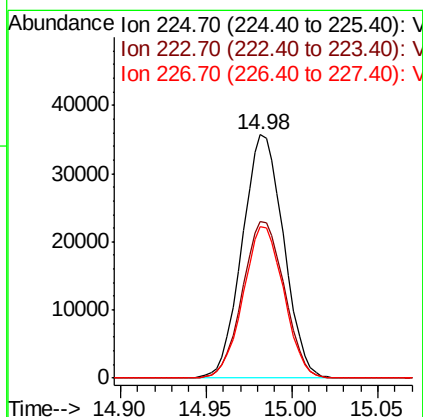
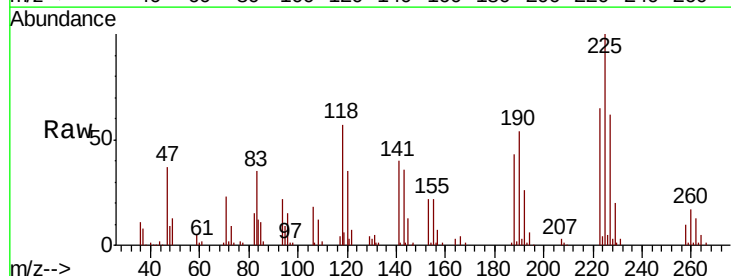
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

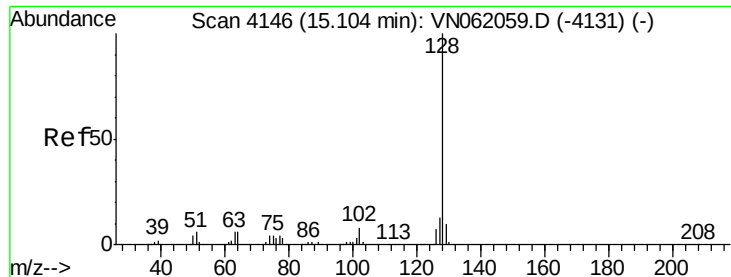
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.0	144.2
145	32.2	16.0	48.0



#94
 Hexachlorobutadiene
 Concen: 51.918 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062203.D
 Acq: 29 Jun 2020 21:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	32.9	98.7
227	61.0	31.3	93.8





#95

Naphthalene

Concen: 46.123 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

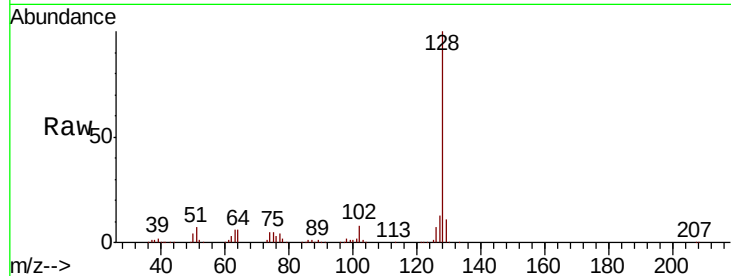
Tot Ion:128 Resp: 403631

Ion Ratio Lower Upper

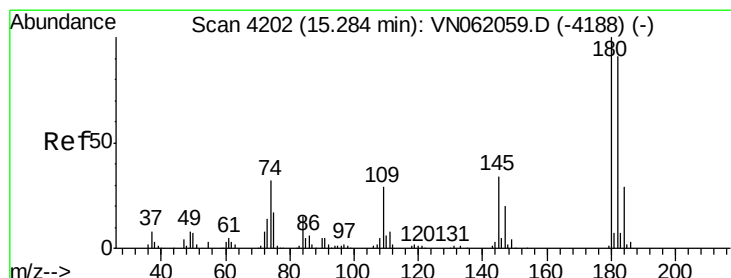
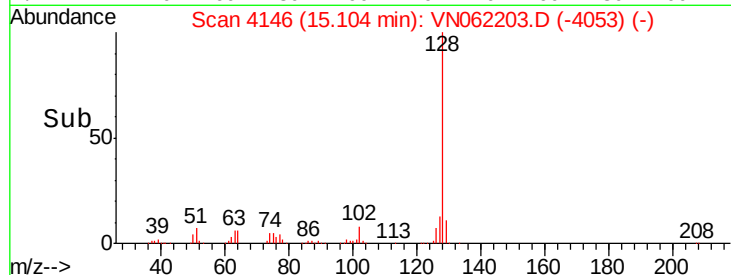
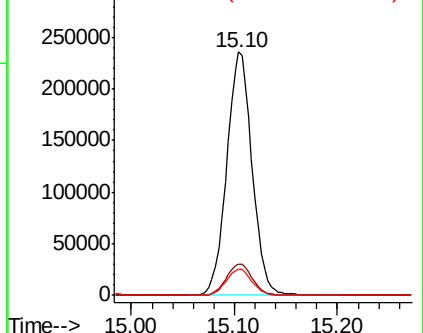
128 100

127 13.2 10.5 15.7

129 10.9 8.6 13.0



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



#96

1,2,3-Trichlorobenzene

Concen: 51.363 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062203.D

Acq: 29 Jun 2020 21:20

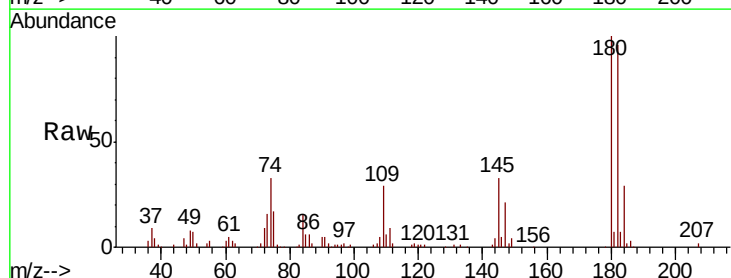
Tgt Ion:180 Resp: 138858

Ion Ratio Lower Upper

180 100

182 94.3 46.8 140.4

145 33.1 16.4 49.2



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

