

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
 Data File : VN062230.D
 Acq On : 30 Jun 2020 10:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 01 03:31:24 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	7.62	168	230949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	404545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	382322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	182995	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	164240	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
35) Dibromofluoromethane	7.54	113	128660	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
50) Toluene-d8	10.06	98	511027	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
62) 4-Bromofluorobenzene	12.37	95	173435	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	120000	45.969	ug/l	97
3) Chloromethane	2.03	50	150778	49.035	ug/l	99
4) Vinyl Chloride	2.16	62	180536	43.916	ug/l	97
5) Bromomethane	2.52	94	122379	46.061	ug/l	98
6) Chloroethane	2.66	64	126380	45.003	ug/l	99
7) Trichlorofluoromethane	2.98	101	226242	44.663	ug/l	98
8) Diethyl Ether	3.37	74	92568	52.333	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	131143	49.438	ug/l	97
10) Methyl Iodide	3.91	142	155315	51.989	ug/l	99
11) Tert butyl alcohol	4.73	59	119224	256.212	ug/l	99
12) 1,1-Dichloroethene	3.69	96	126876	47.844	ug/l	99
13) Acrolein	3.56	56	133049	292.037	ug/l	99
14) Allyl chloride	4.27	41	193428	53.574	ug/l	98
15) Acrylonitrile	4.92	53	349402	275.542	ug/l	100
16) Acetone	3.77	43	304015	299.649	ug/l	96
17) Carbon Disulfide	4.00	76	357261	47.038	ug/l	100
18) Methyl Acetate	4.27	43	144007	55.895	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	451915	53.331	ug/l	99
20) Methylene Chloride	4.50	84	157194	52.847	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	141941	46.985	ug/l	92
22) Diisopropyl ether	5.90	45	450836	54.842	ug/l	99
23) Vinyl Acetate	5.84	43	1887088	281.163	ug/l	98
24) 1,1-Dichloroethane	5.79	63	271794	51.343	ug/l	99
25) 2-Butanone	6.78	43	442986	279.636	ug/l	98
26) 2,2-Dichloropropane	6.77	77	222583	50.458	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	165914	48.807	ug/l	97
28) Bromochloromethane	7.15	49	114973	50.058	ug/l	93
29) Tetrahydrofuran	7.16	42	289633	279.112	ug/l	98
30) Chloroform	7.32	83	270813	50.282	ug/l	100
31) Cyclohexane	7.61	56	221472	49.461	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	223947	49.305	ug/l	99
36) 1,1-Dichloropropene	7.75	75	201961	49.667	ug/l	99
37) Ethyl Acetate	6.88	43	187269	55.617	ug/l	98
38) Carbon Tetrachloride	7.73	117	185357	48.350	ug/l	98

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 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	9.04	83	237172	53.233	ug/l	97
40) Benzene	8.00	78	624969	50.426	ug/l	99
41) Methacrylonitrile	7.16	41	264697	169.568	ug/l #	25
42) 1,2-Dichloroethane	8.08	62	221396	52.872	ug/l	99
43) Isopropyl Acetate	8.12	43	309759	56.434	ug/l	99
44) Trichloroethene	8.80	130	146235	46.774	ug/l	98
45) 1,2-Dichloropropane	9.08	63	163262	53.395	ug/l	100
46) Dibromomethane	9.17	93	106214	51.235	ug/l	97
47) Bromodichloromethane	9.37	83	220661	52.716	ug/l	99
48) Methyl methacrylate	9.17	41	141299	57.413	ug/l	97
49) 1,4-Dioxane	9.17	88	55533	1017.507	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	933593	291.116	ug/l	100
52) Toluene	10.12	92	388474	51.371	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	247348	53.711	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	266522	54.360	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	158002	53.153	ug/l	99
56) Ethyl methacrylate	10.40	69	228431	57.582	ug/l	96
57) 1,3-Dichloropropane	10.68	76	271699	53.102	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	440647	260.191	ug/l	98
59) 2-Hexanone	10.72	43	679315	293.348	ug/l	100
60) Dibromochloromethane	10.87	129	162277	51.563	ug/l	98
61) 1,2-Dibromoethane	10.98	107	156069	51.096	ug/l	99
64) Tetrachloroethene	10.60	164	117128	44.849	ug/l	98
65) Chlorobenzene	11.40	112	407232	48.504	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	142895	49.220	ug/l	99
67) Ethyl Benzene	11.48	91	741423	52.288	ug/l	98
68) m/p-Xylenes	11.59	106	563697	102.782	ug/l	97
69) o-Xylene	11.92	106	270687	52.311	ug/l	96
70) Styrene	11.94	104	461213	53.444	ug/l	99
71) Bromoform	12.10	173	103920	50.345	ug/l #	99
73) Isopropylbenzene	12.22	105	713011	50.335	ug/l	100
74) N-amyl acetate	12.04	43	274641	52.491	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	235985	50.062	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	299355	69.491	ug/l #	100
77) Bromobenzene	12.50	156	163249	46.420	ug/l	92
78) n-propylbenzene	12.56	91	852179	52.594	ug/l	98
79) 2-Chlorotoluene	12.65	91	493314	50.362	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	595508	51.859	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	78762	53.394	ug/l	99
82) 4-Chlorotoluene	12.75	91	522065	51.539	ug/l	97
83) tert-Butylbenzene	12.97	119	498068	50.682	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	602953	52.574	ug/l	99
85) sec-Butylbenzene	13.15	105	708433	54.555	ug/l	98
86) p-Isopropyltoluene	13.26	119	628005	55.200	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	304446	49.299	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	304050	47.764	ug/l	99
89) n-Butylbenzene	13.59	91	542885	57.396	ug/l	99
90) Hexachloroethane	13.85	117	115423	51.710	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	293514	49.014	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	40586	53.747	ug/l	94

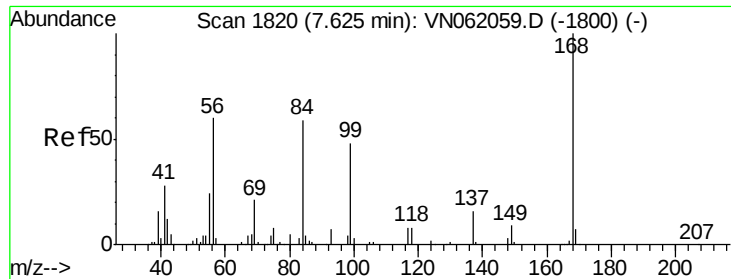
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	136894	52.329	ug/l	99
94) Hexachlorobutadiene	14.99	225	62280	54.813	ug/l	99
95) Naphthalene	15.10	128	396887	45.861	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	135432	50.630	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

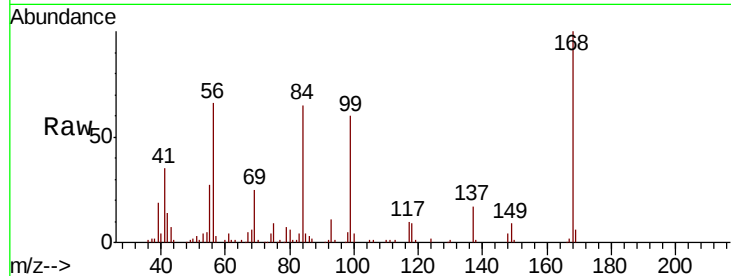
VSTDCCC050

Tot Ion:168 Resp: 230949

Ion Ratio Lower Upper

168 100

99 59.9 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

100000

80000

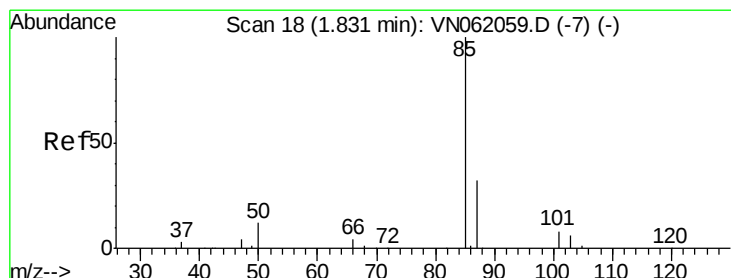
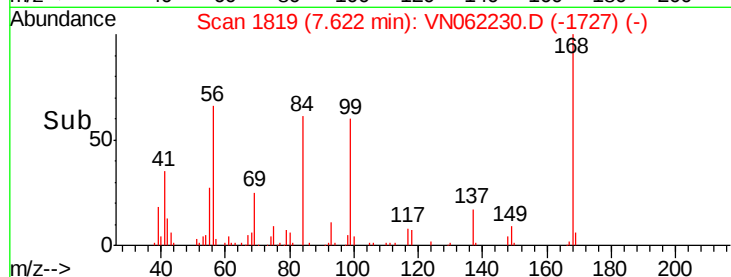
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 45.969 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062230.D

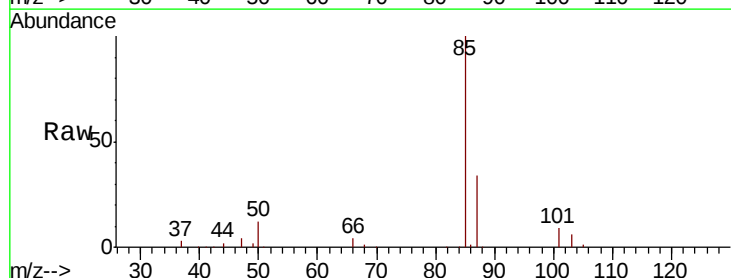
Acq: 30 Jun 2020 10:53

Tgt Ion: 85 Resp: 120000

Ion Ratio Lower Upper

85 100

87 33.7 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

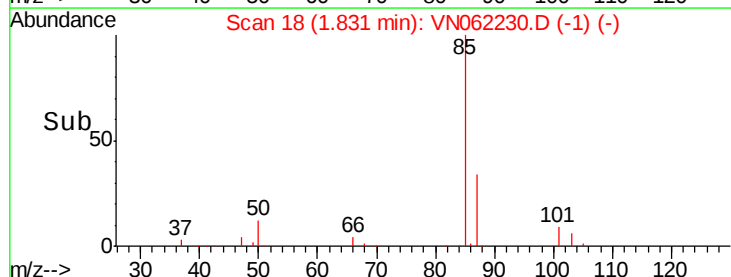
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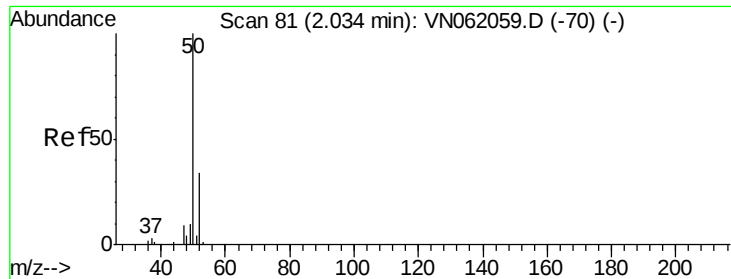
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 49.035 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

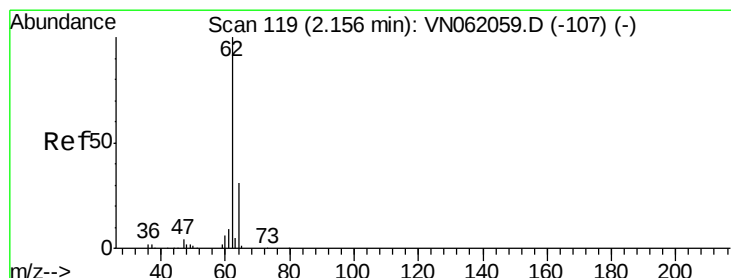
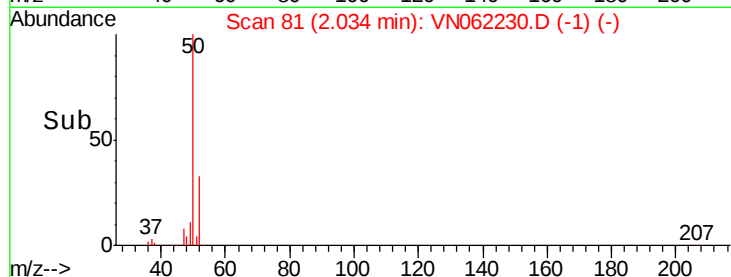
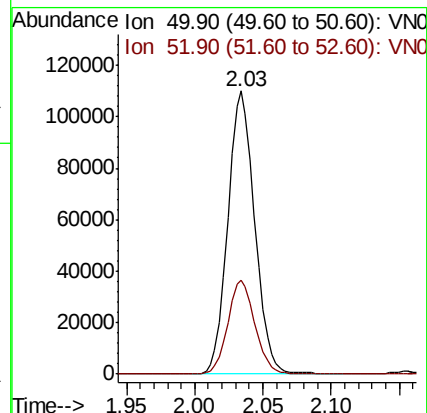
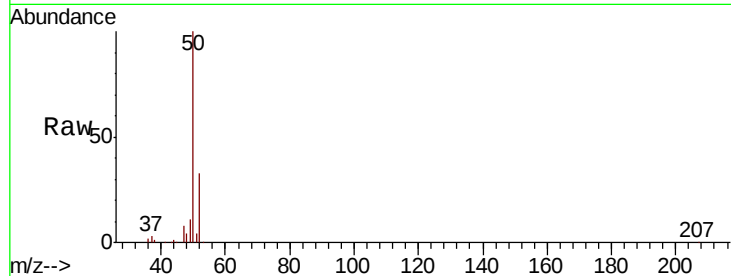
VSTDCCC050

Tot Ion: 50 Resp: 150778

Ion Ratio Lower Upper

50 100

52 33.4 27.0 40.6



#4

Vinyl Chloride

Concen: 43.916 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062230.D

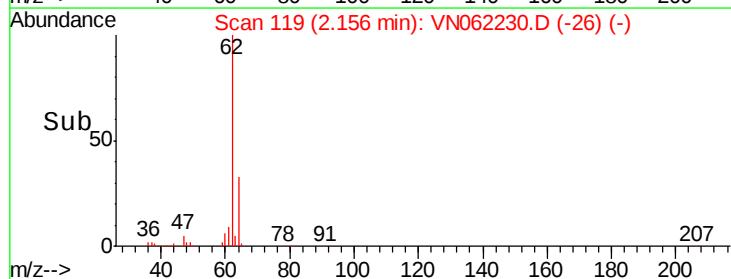
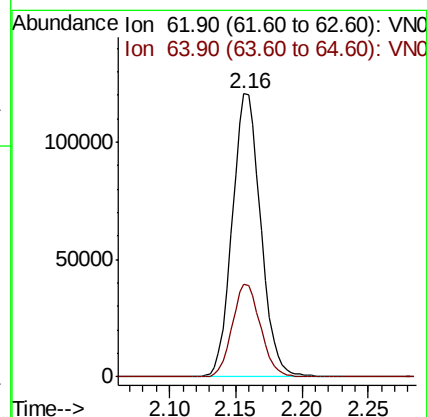
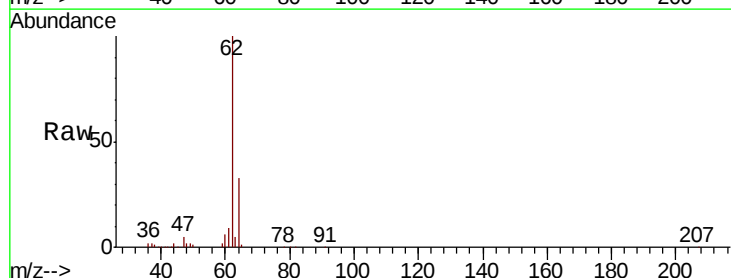
Acq: 30 Jun 2020 10:53

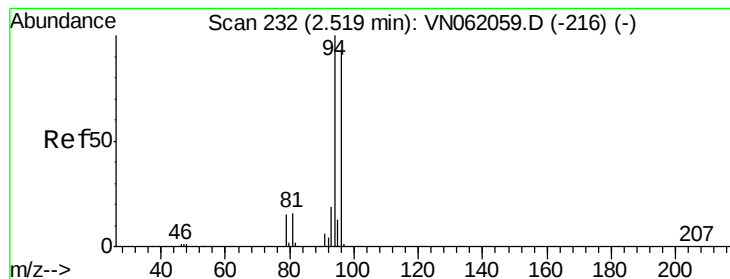
Tgt Ion: 62 Resp: 180536

Ion Ratio Lower Upper

62 100

64 32.9 25.1 37.7





#5

Bromomethane

Concen: 46.061 ug/l

RT: 2.52 min Scan# 232

Delta R.T. 0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

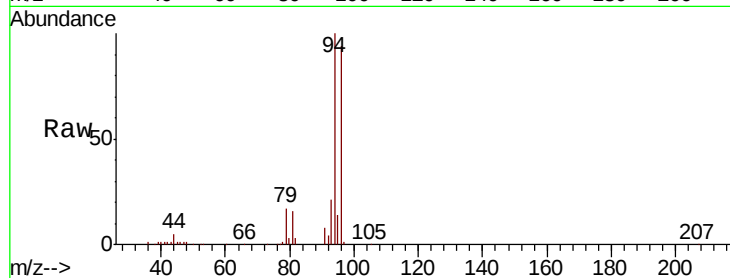
VSTDCCC050

Tot Ion: 94 Resp: 122379

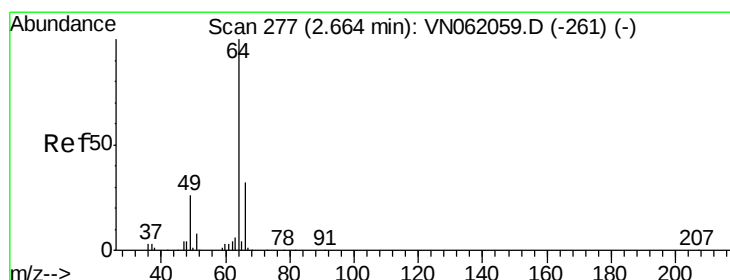
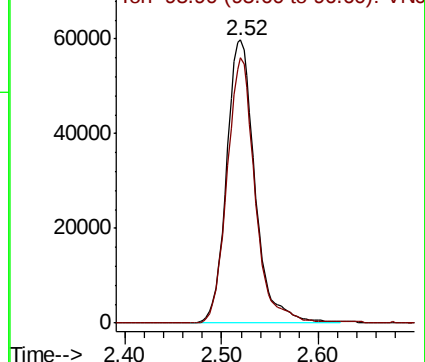
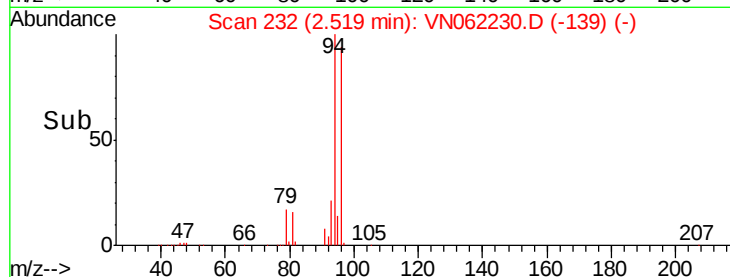
Ion Ratio Lower Upper

94 100

96 93.6 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN062230.D (-139) (-)



#6

Chloroethane

Concen: 45.003 ug/l

RT: 2.66 min Scan# 277

Delta R.T. 0.00 min

Lab File: VN062230.D

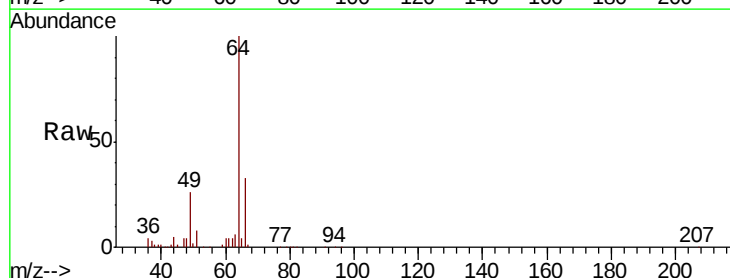
Acq: 30 Jun 2020 10:53

Tgt Ion: 64 Resp: 126380

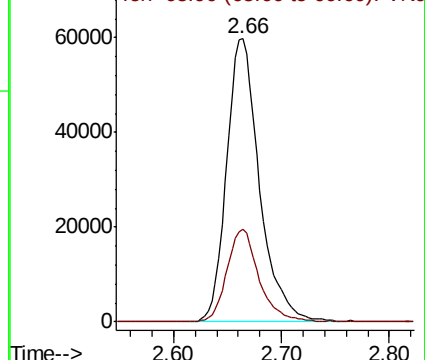
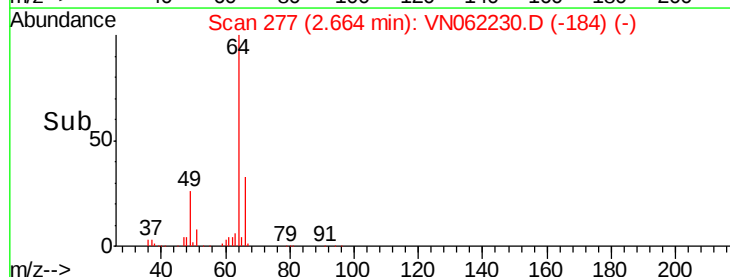
Ion Ratio Lower Upper

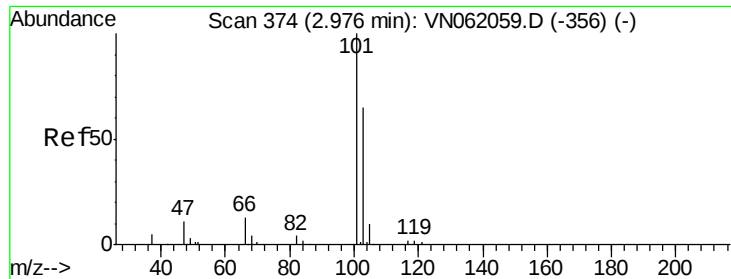
64 100

66 32.8 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN062230.D (-184) (-)



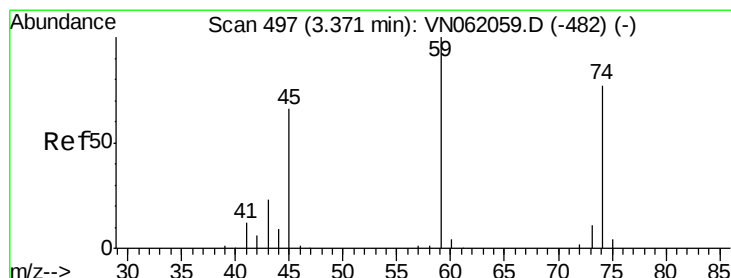
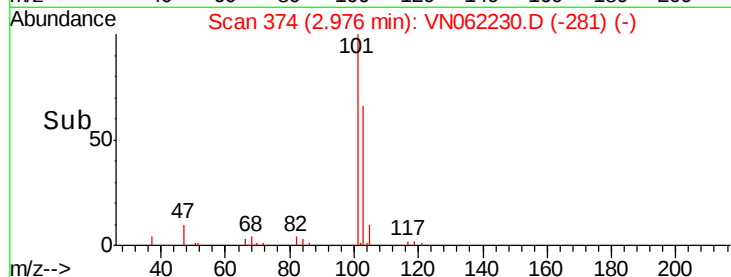
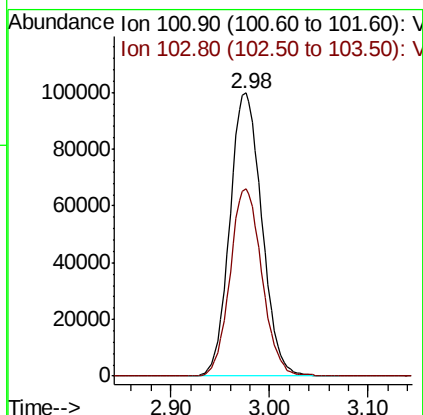
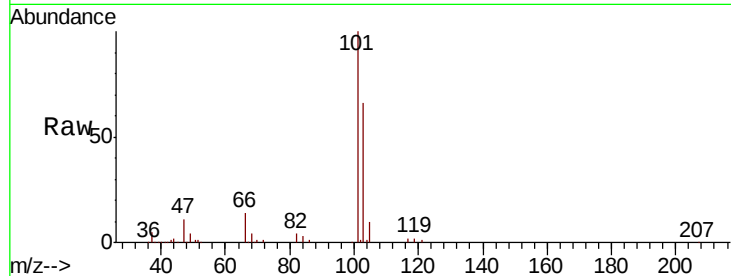


#7

Trichlorofluoromethane
 Concen: 44.663 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

Instrument :
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 ClientSampleId :
 VSTDCCC050

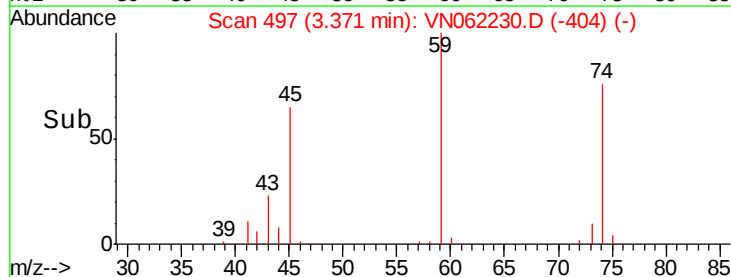
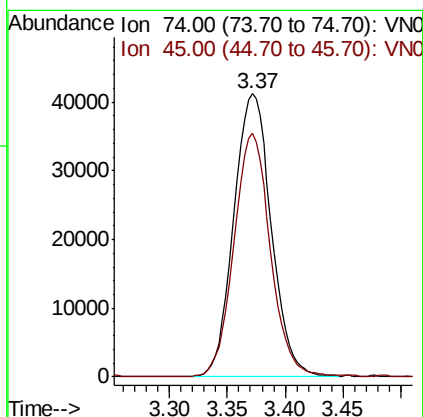
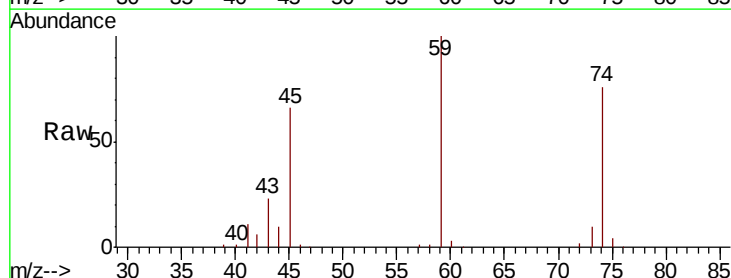
Tot Ion:101 Resp: 226242
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.8 77.6

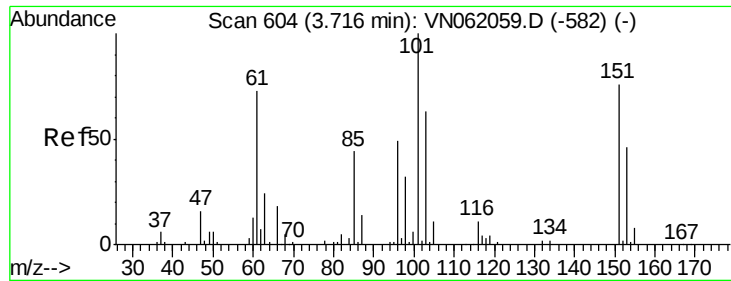


#8

Diethyl Ether
 Concen: 52.333 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

Tgt Ion: 74 Resp: 92568
 Ion Ratio Lower Upper
 74 100
 45 83.9 42.5 127.5

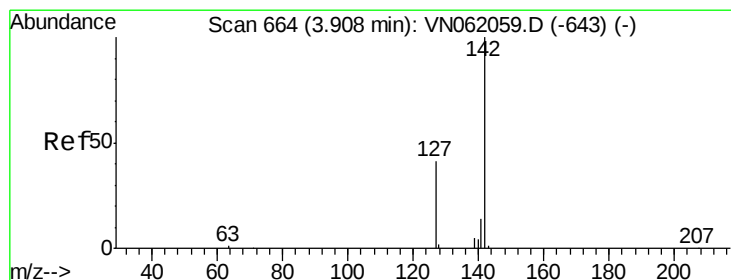
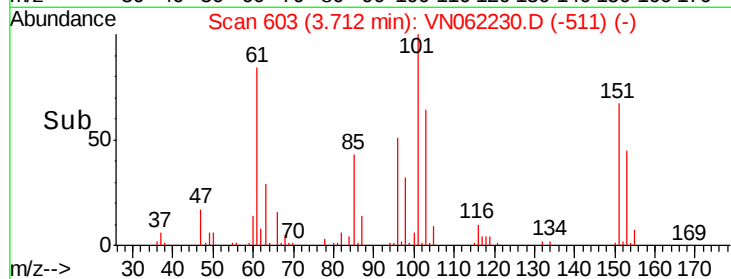
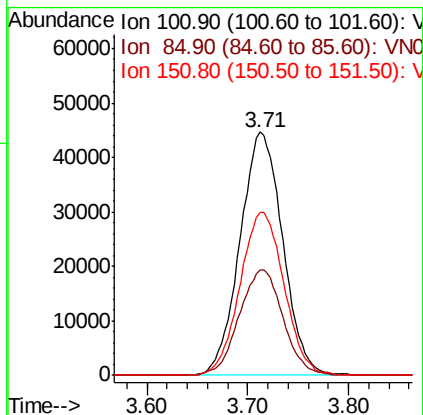
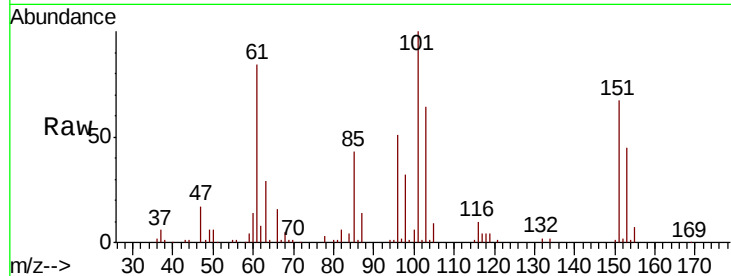




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.438 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN062230.D
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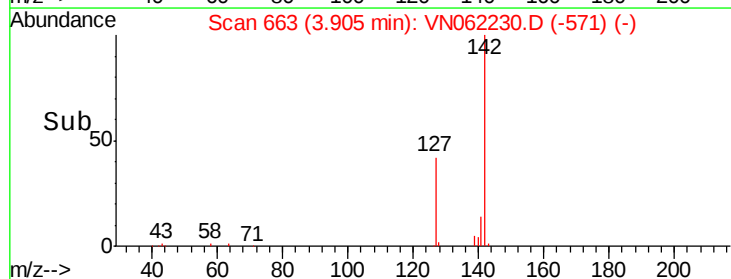
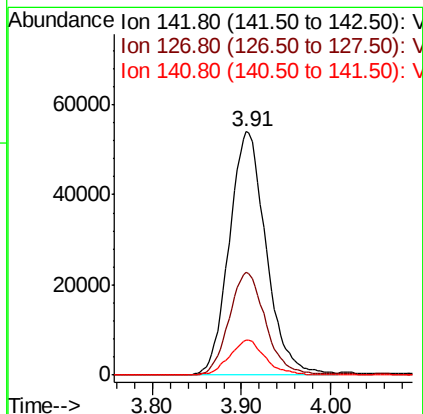
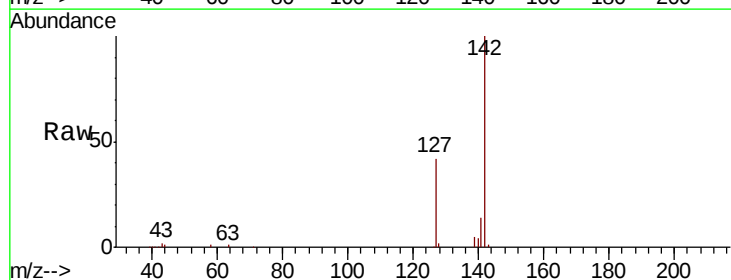
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

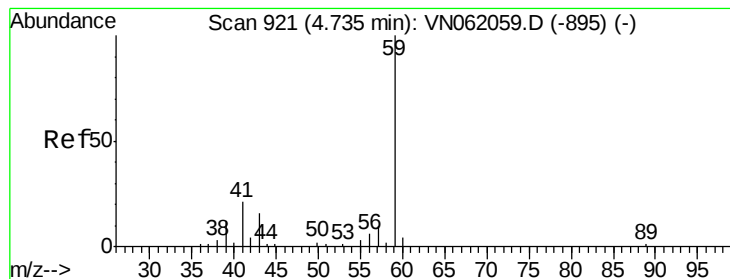
Tot Ion:101 Resp: 131143
 Ion Ratio Lower Upper
 101 100
 85 44.4 34.5 51.7
 151 69.1 57.8 86.8



#10
 Methyl Iodide
 Concen: 51.989 ug/l
 RT: 3.91 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

Tgt Ion:142 Resp: 155315
 Ion Ratio Lower Upper
 142 100
 127 41.5 33.6 50.4
 141 14.0 11.3 16.9



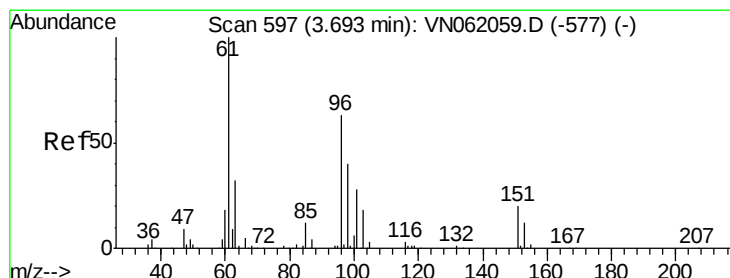
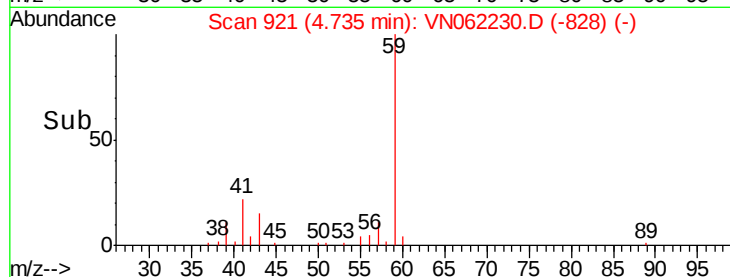
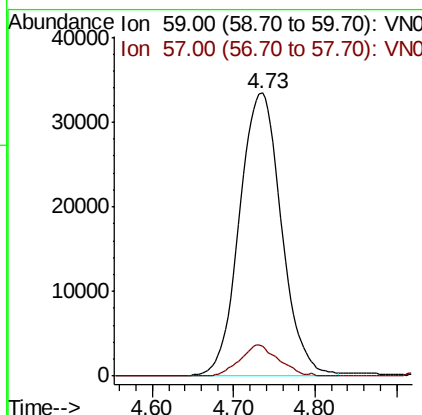
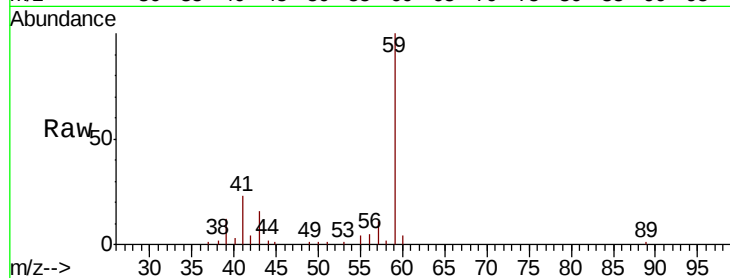


#11

Tert butyl alcohol
 Concen: 256.212 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

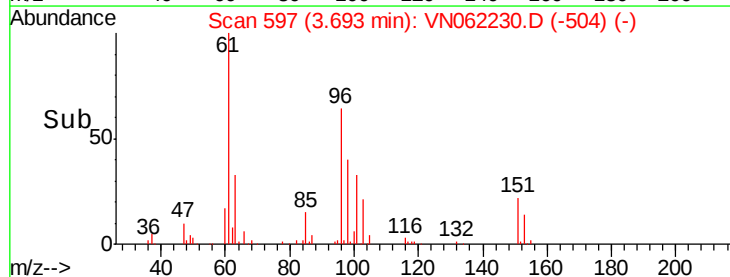
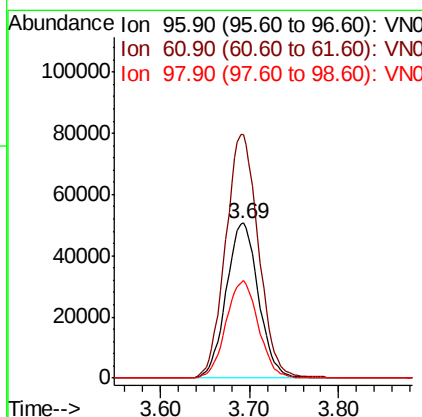
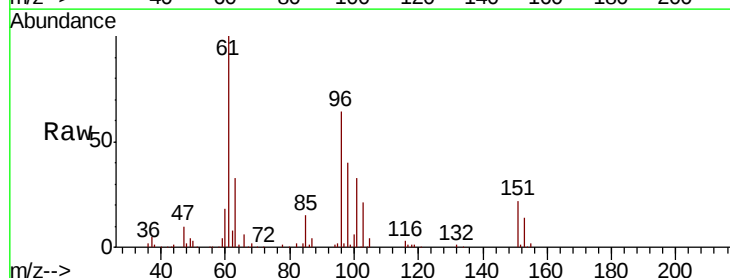
Tot Ion: 59 Resp: 119224
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.3 12.5

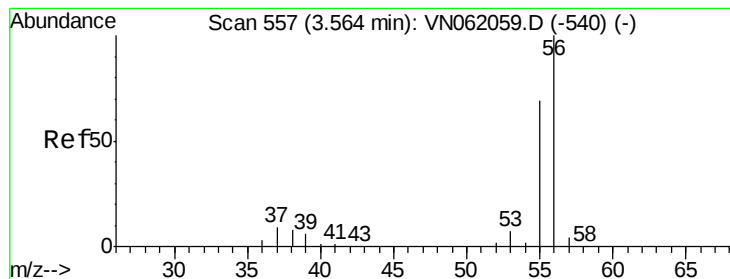


#12

1,1-Dichloroethene
 Concen: 47.844 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

Tgt Ion: 96 Resp: 126876
 Ion Ratio Lower Upper
 96 100
 61 157.4 126.7 190.1
 98 62.9 51.0 76.4





#13

Acrolein

Concen: 292.037 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

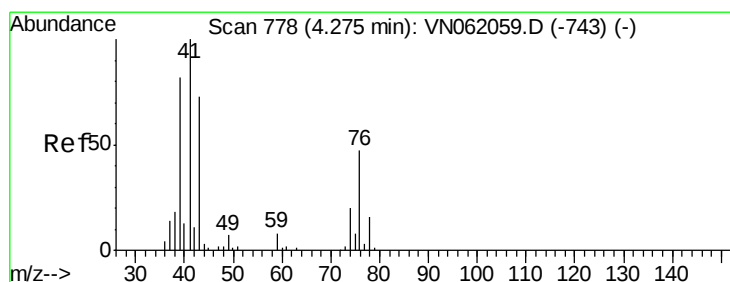
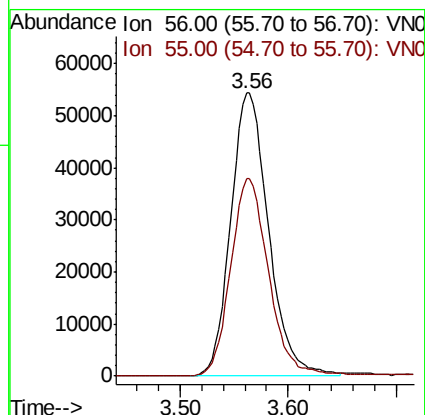
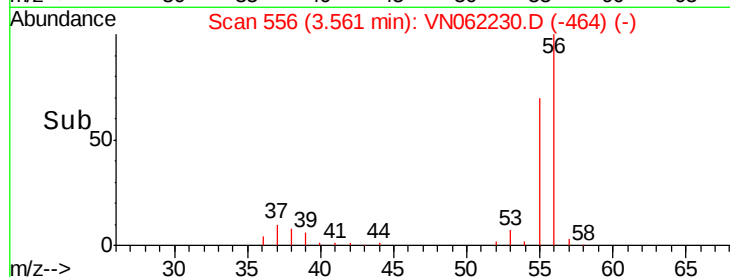
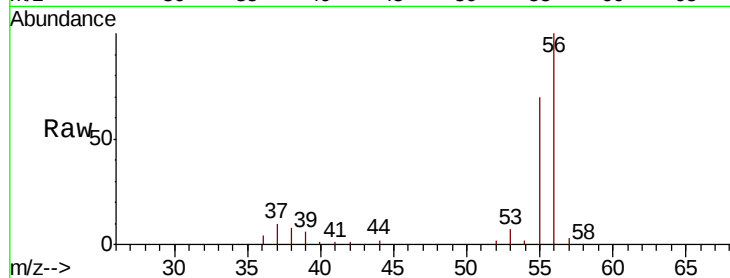
VSTDCCC050

Tot Ion: 56 Resp: 133049

Ion Ratio Lower Upper

56 100

55 70.1 55.5 83.3



#14

Allyl chloride

Concen: 53.574 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

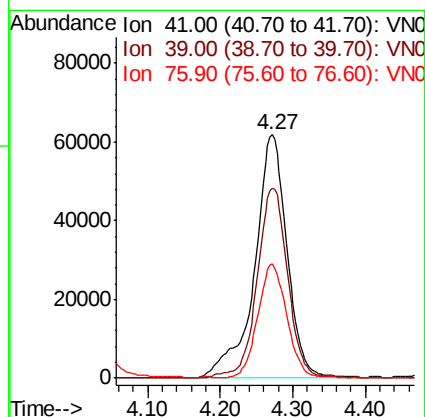
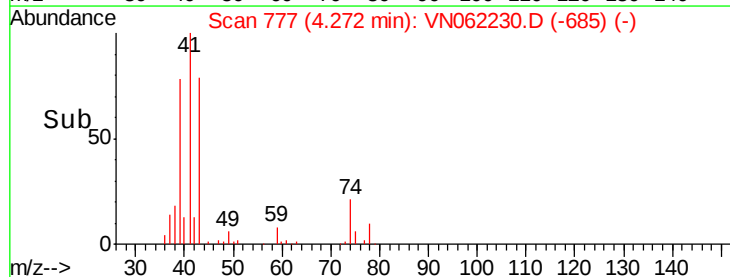
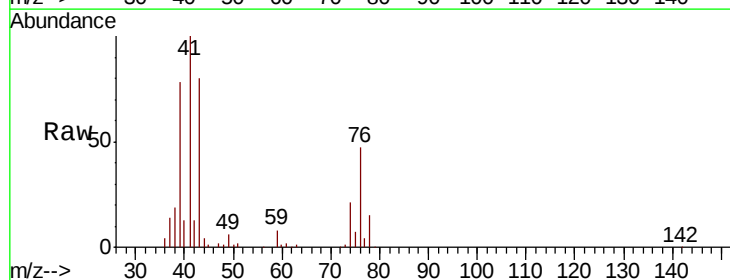
Tgt Ion: 41 Resp: 193428

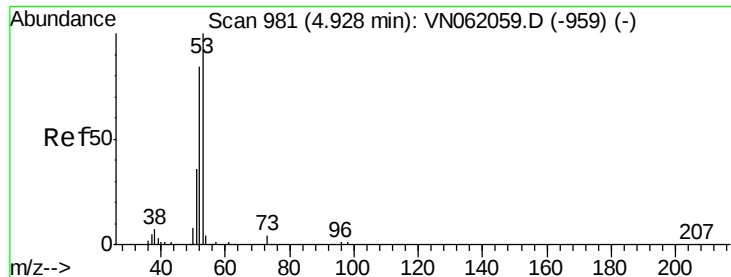
Ion Ratio Lower Upper

41 100

39 73.3 60.0 90.0

76 40.9 34.1 51.1





#15

Acrylonitrile

Concen: 275.542 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

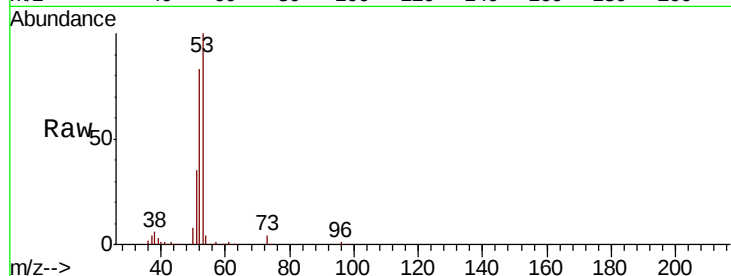
Tot Ion: 53 Resp: 349402

Ion Ratio Lower Upper

53 100

52 82.4 66.2 99.4

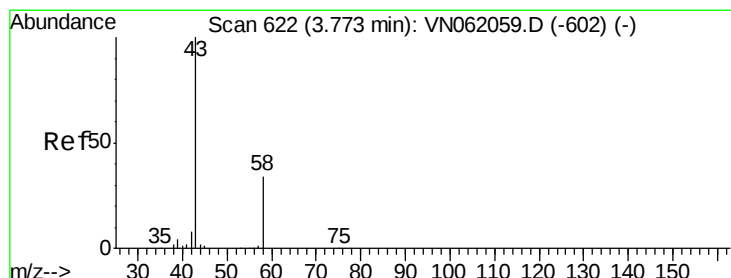
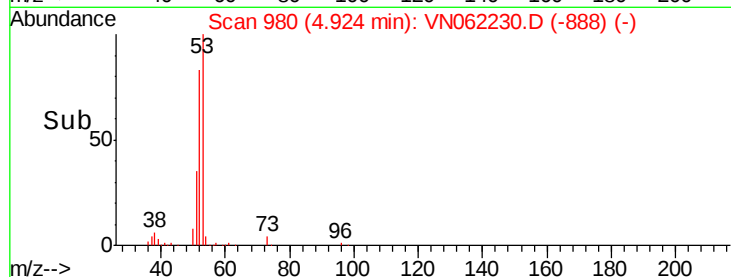
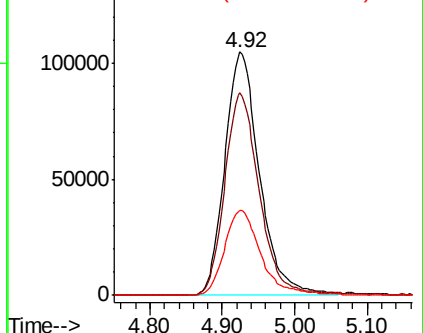
51 36.3 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN062230.D (-959) (-)

Ion 52.00 (51.70 to 52.70): VN062230.D (-959) (-)

Ion 51.00 (50.70 to 51.70): VN062230.D (-959) (-)



#16

Acetone

Concen: 299.649 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN062230.D

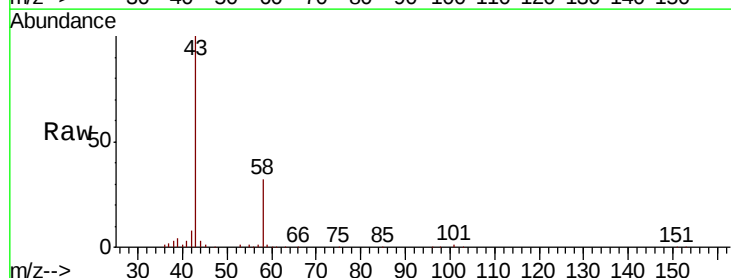
Acq: 30 Jun 2020 10:53

Tgt Ion: 43 Resp: 304015

Ion Ratio Lower Upper

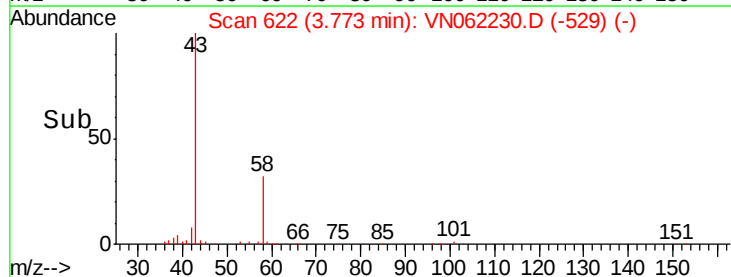
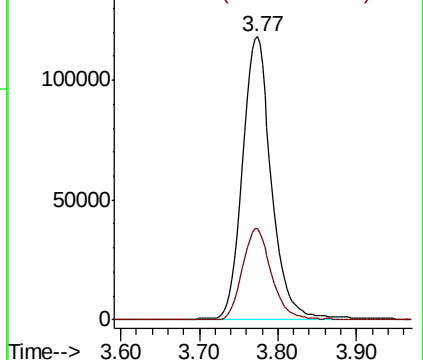
43 100

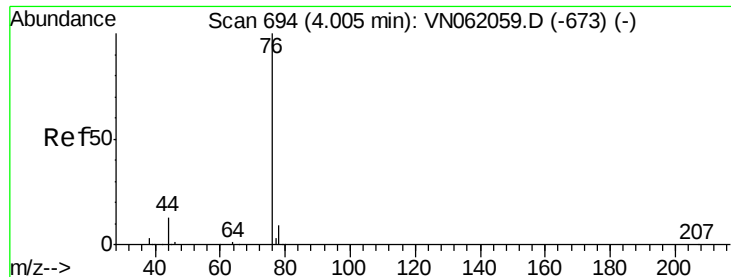
58 32.2 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN062230.D (-602) (-)

Ion 58.00 (57.70 to 58.70): VN062230.D (-602) (-)





#17

Carbon Disulfide

Concen: 47.038 ug/l

RT: 4.00 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

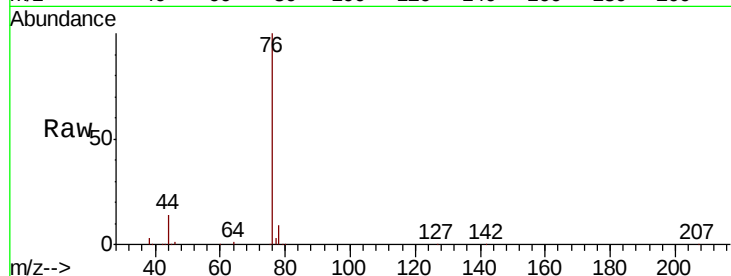
VSTDCCC050

Tot Ion: 76 Resp: 357261

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN062230.D (-600) (-)

Ion 77.90 (77.60 to 78.60): VN062230.D (-600) (-)

4.00

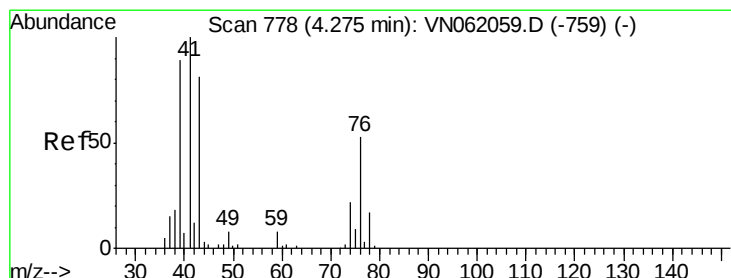
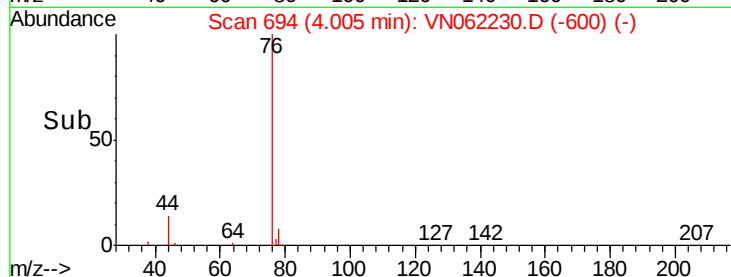
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 55.895 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062230.D

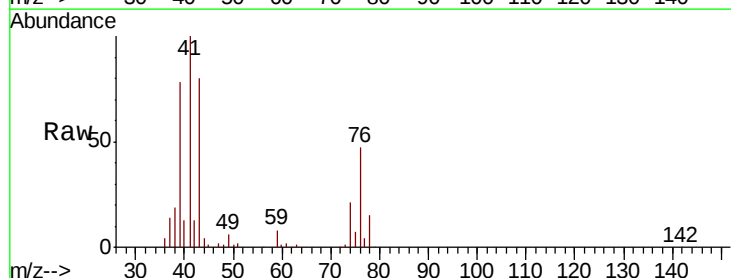
Acq: 30 Jun 2020 10:53

Tgt Ion: 43 Resp: 144007

Ion Ratio Lower Upper

43 100

74 27.1 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VN062230.D (-685) (-)

Ion 74.00 (73.70 to 74.70): VN062230.D (-685) (-)

4.27

50000

40000

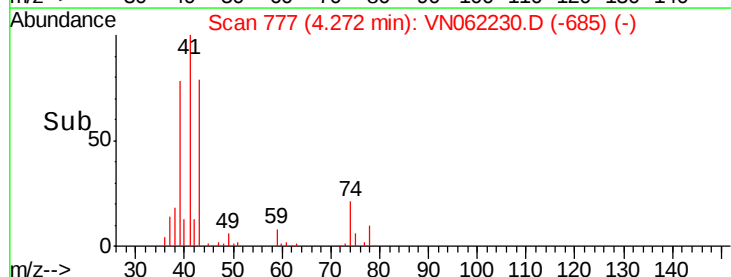
30000

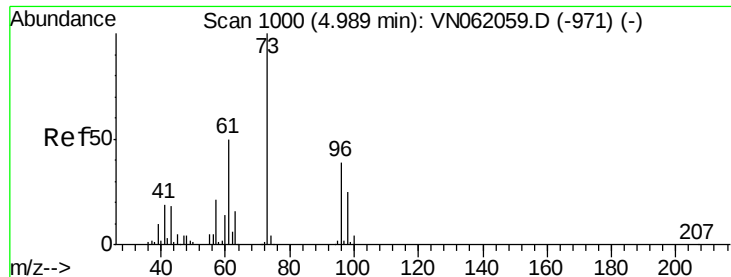
20000

10000

0

Time-->

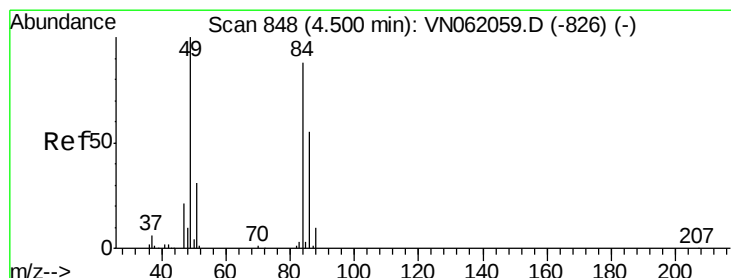
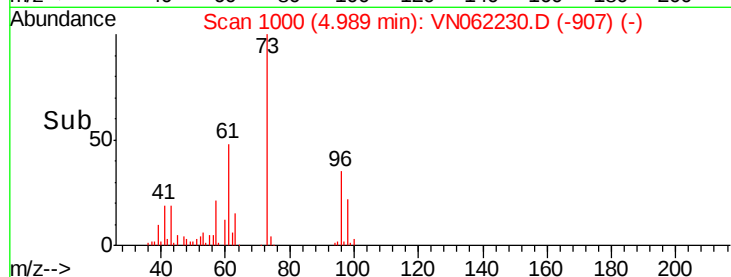
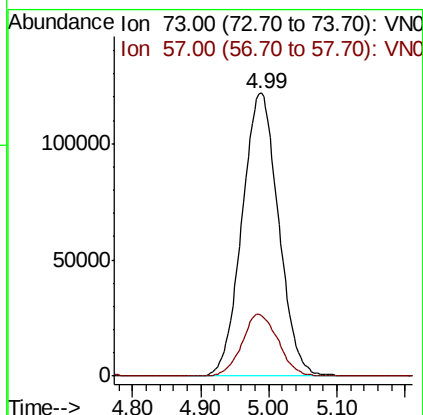
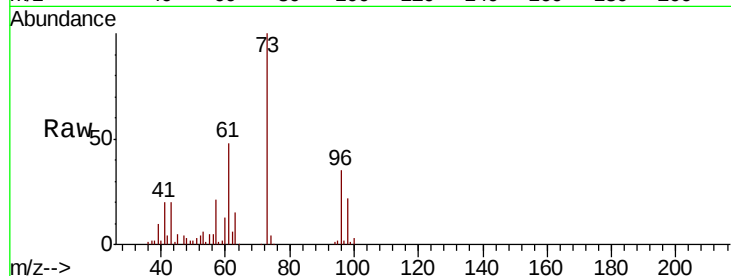




#19
Methvl tert-butvl Ether
Concen: 53.331 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

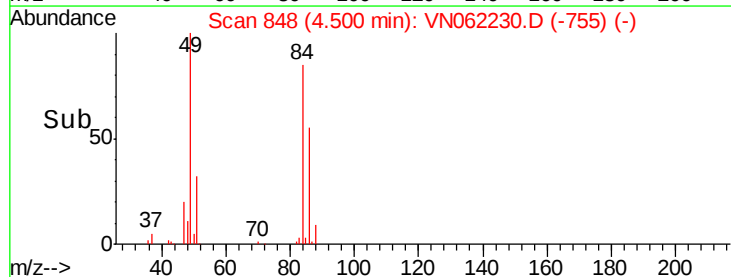
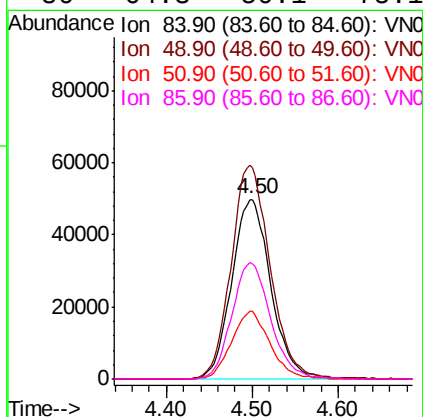
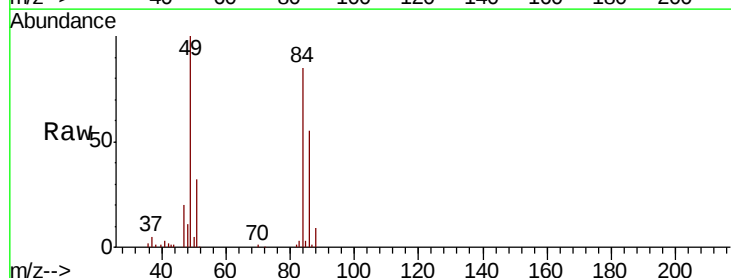
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

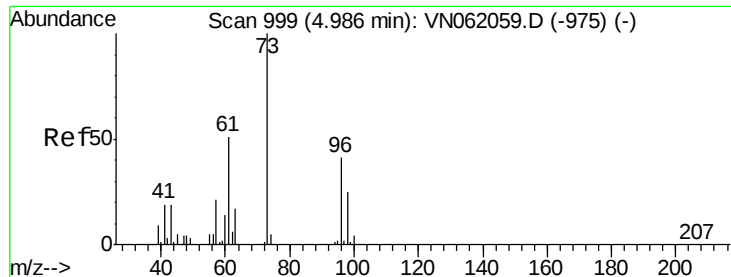
Tot Ion: 73 Resp: 451915
Ion Ratio Lower Upper
73 100
57 21.4 16.6 24.8



#20
Methylene Chloride
Concen: 52.847 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion: 84 Resp: 157194
Ion Ratio Lower Upper
84 100
49 117.5 90.6 136.0
51 37.7 27.8 41.8
86 64.3 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 46.985 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

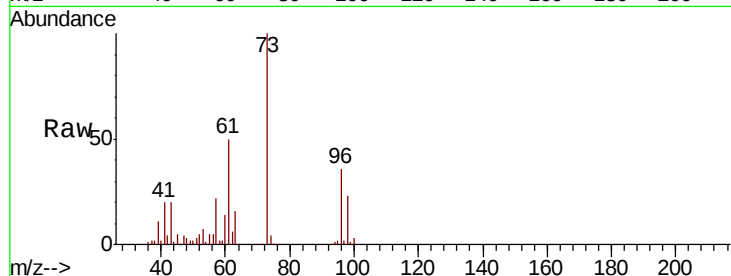
Tot Ion: 96 Resp: 141941

Ion Ratio Lower Upper

96 100

61 138.6 101.4 152.2

98 64.9 49.3 73.9

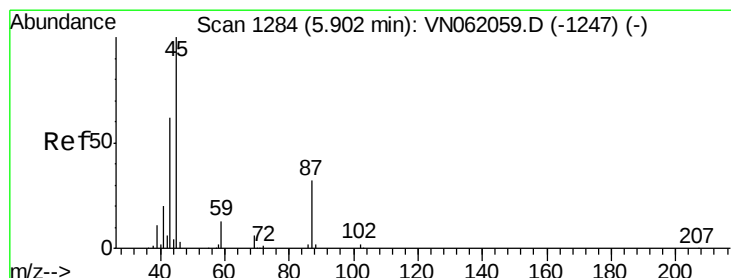
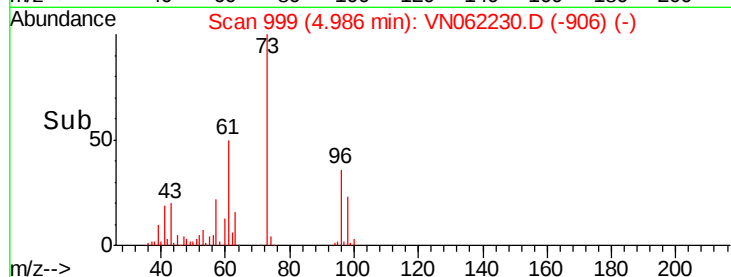
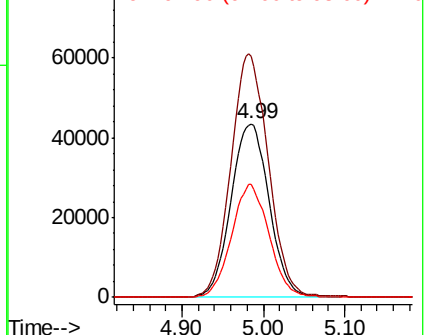


Abundance

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: 54.842 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Tgt Ion: 45 Resp: 450836

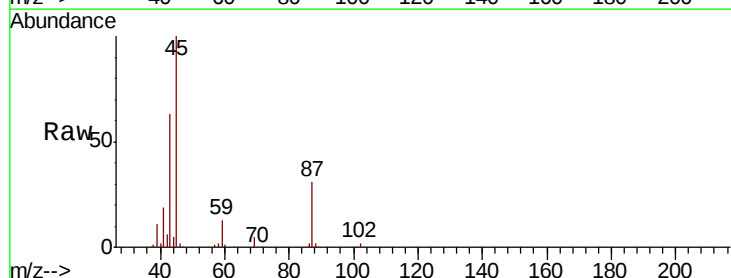
Ion Ratio Lower Upper

45 100

43 61.7 49.7 74.5

87 30.6 25.9 38.9

59 12.8 10.6 16.0



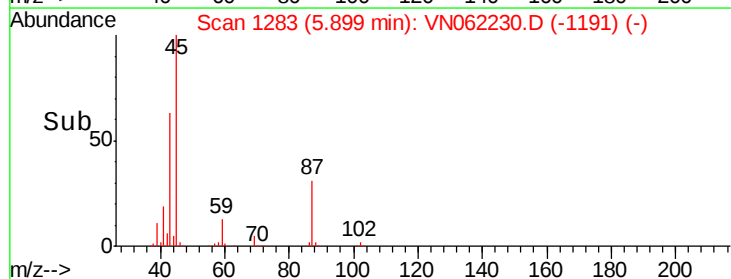
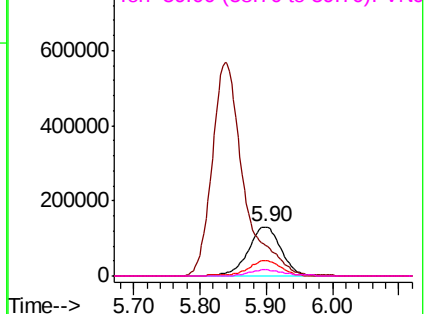
Abundance

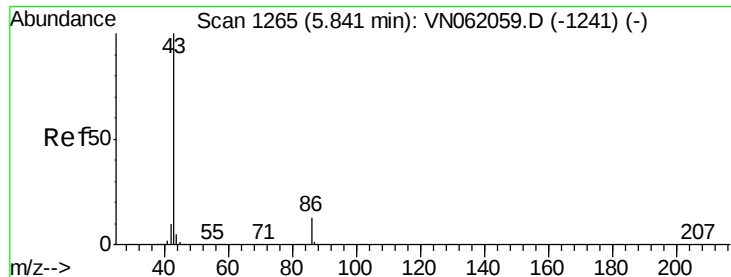
Ion 45.00 (44.70 to 45.70): VN0

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: 281.163 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

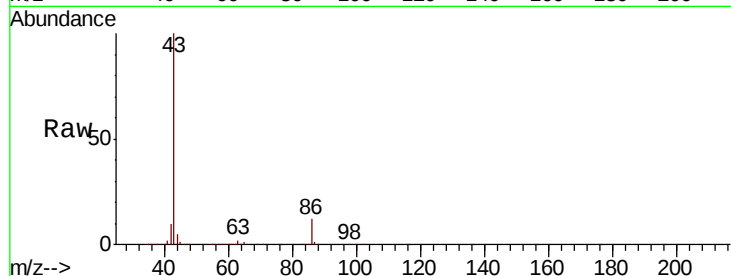
VSTDCCC050

Tot Ion: 43 Resp: 1887088

Ion Ratio Lower Upper

43 100

86 11.8 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1241) (-)

Ion 86.00 (85.70 to 86.70): VN062059.D (-1241) (-)

5.84

600000

500000

400000

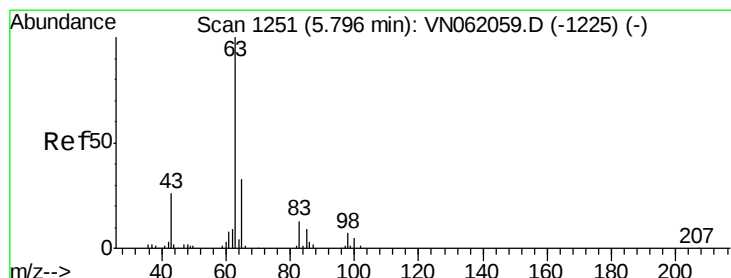
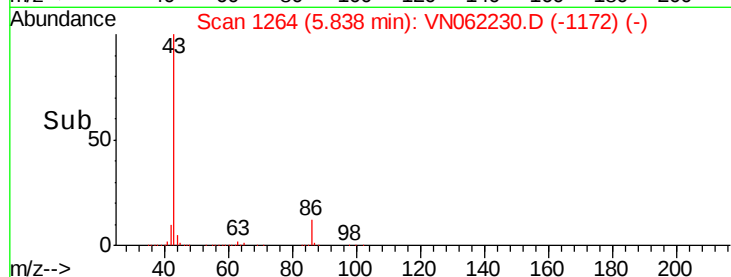
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.343 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

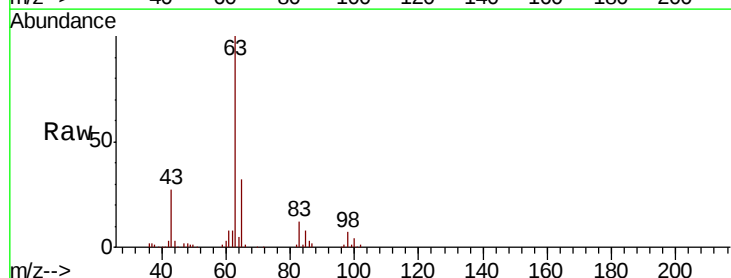
Tgt Ion: 63 Resp: 271794

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

100 4.2 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN062059.D (-1225) (-)

Ion 97.90 (97.60 to 98.60): VN062059.D (-1225) (-)

Ion 99.90 (99.60 to 100.60): VN062059.D (-1225) (-)

5.79

100000

80000

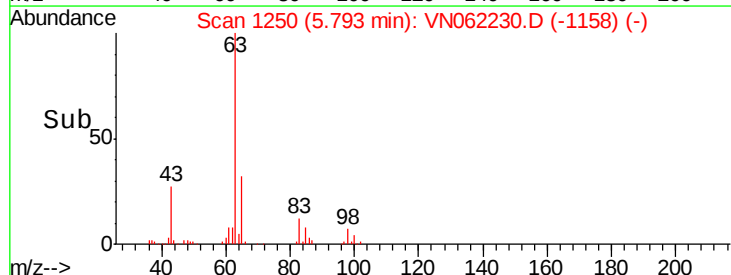
60000

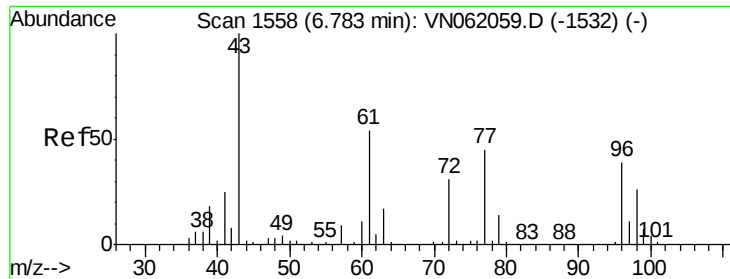
40000

20000

0

Time-->





#25

2-Butanone

Concen: 279.636 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

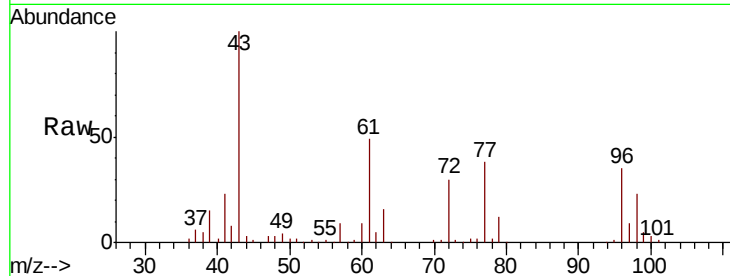
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 442986

Ion Ratio Lower Upper

43 100

72 29.7 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1532) (-)

Ion 72.00 (71.70 to 72.70): VN062059.D (-1532) (-)

6.78

150000

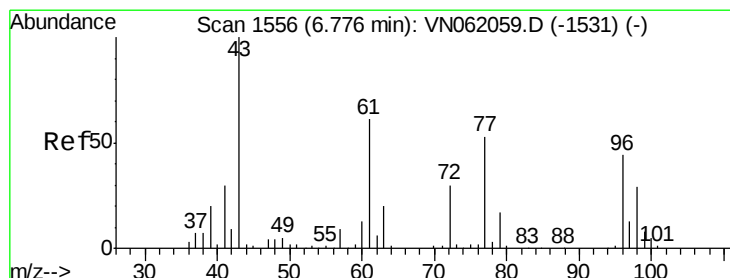
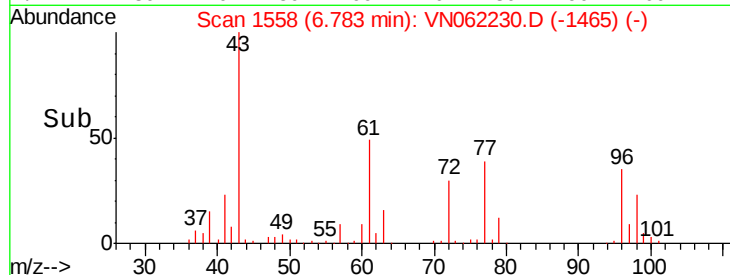
100000

50000

0

6.65 6.70 6.75 6.80 6.85

Time-->



#26

2,2-Dichloropropane

Concen: 50.458 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.01 min

Lab File: VN062230.D

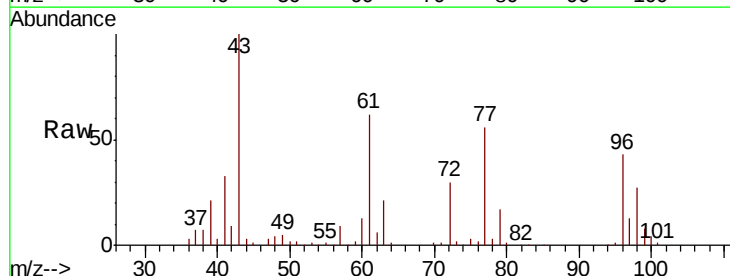
Acq: 30 Jun 2020 10:53

Tgt Ion: 77 Resp: 222583

Ion Ratio Lower Upper

77 100

97 22.5 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VN062059.D (-1531) (-)

Ion 96.90 (96.60 to 97.60): VN062059.D (-1531) (-)

6.77

80000

60000

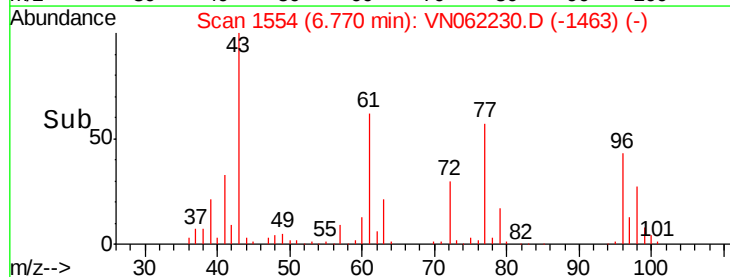
40000

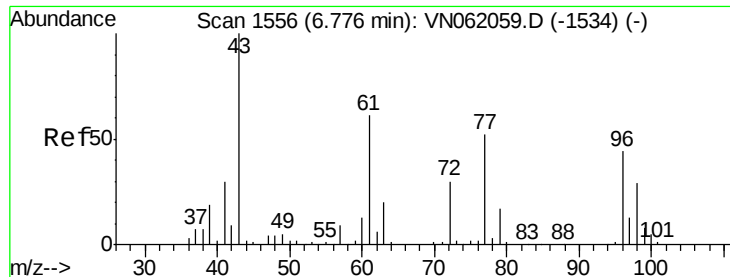
20000

0

6.60 6.70 6.80 6.90

Time-->

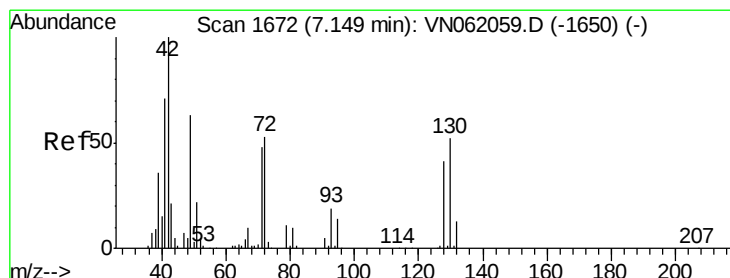
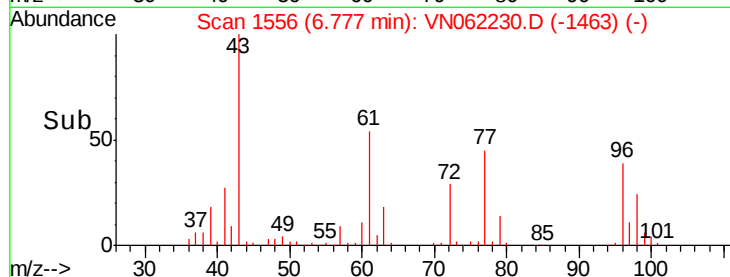
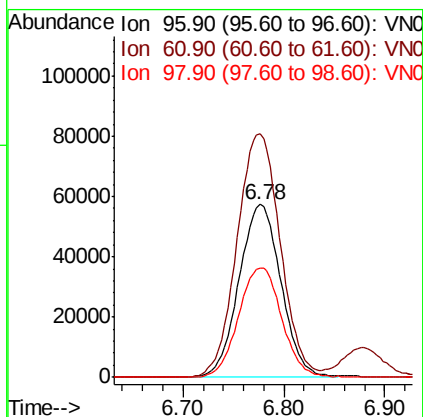
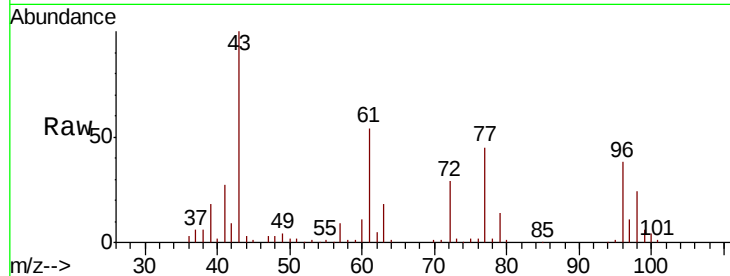




#27
 cis-1,2-Dichloroethene
 Concen: 48.807 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. 0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

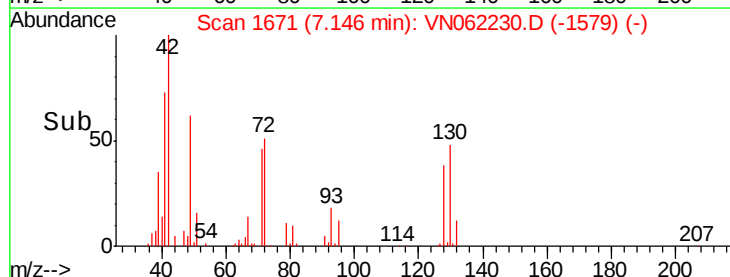
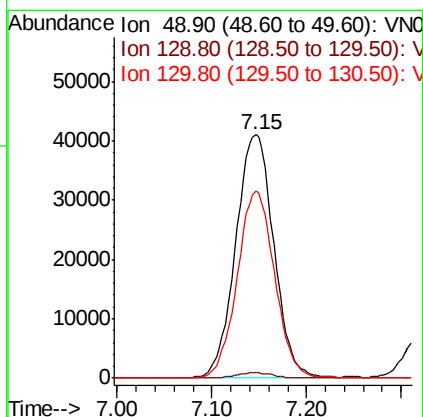
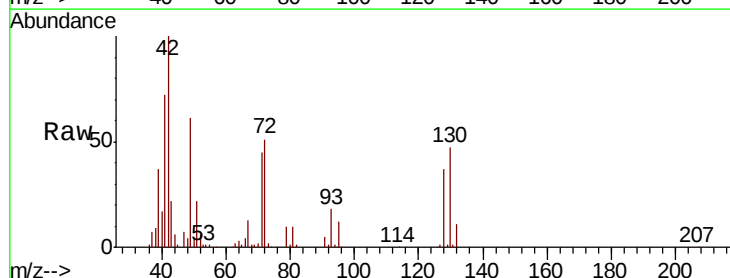
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

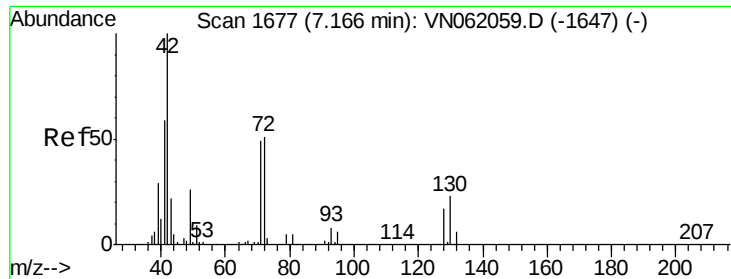
Tot Ion: 96 Resp: 165914
 Ion Ratio Lower Upper
 96 100
 61 144.9 0.0 280.4
 98 64.9 0.0 129.4



#28
 Bromochloromethane
 Concen: 50.058 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

Tgt Ion: 49 Resp: 114973
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.4
 130 75.3 65.5 98.3

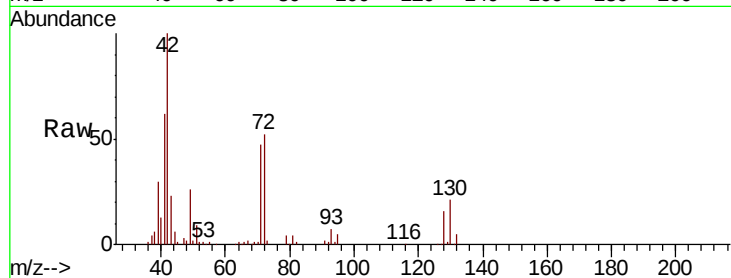




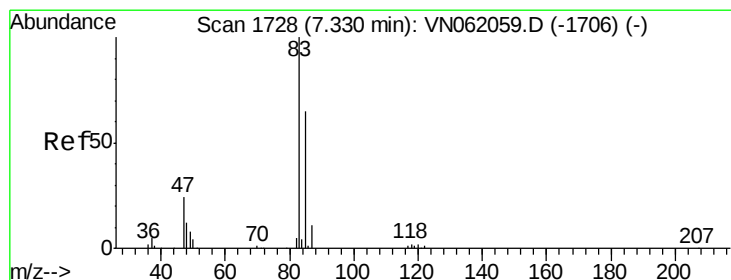
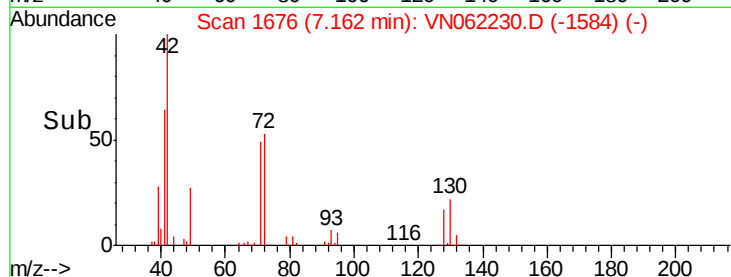
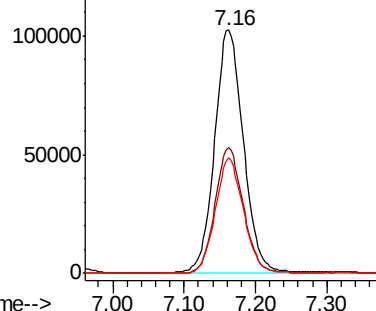
#29
Tetrahydrofuran
Concen: 279.112 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 289633
Ion Ratio Lower Upper
42 100
72 50.4 41.1 61.7
71 46.1 38.2 57.4

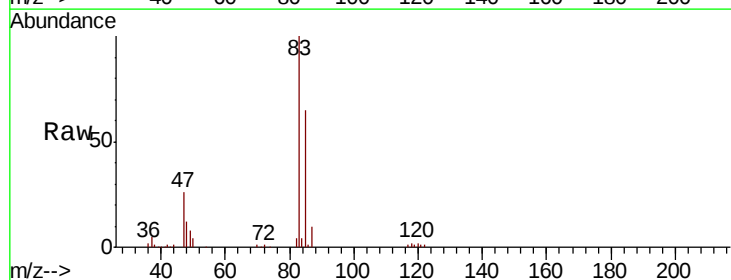


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

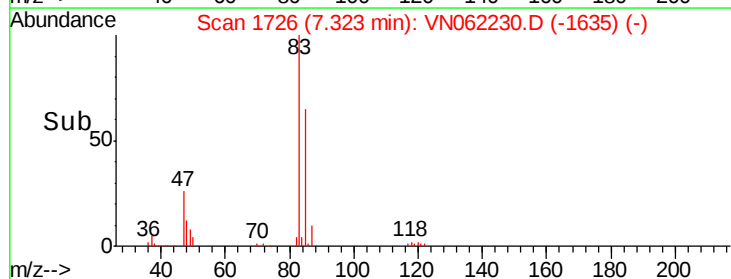
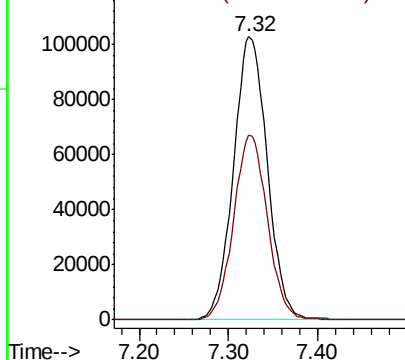


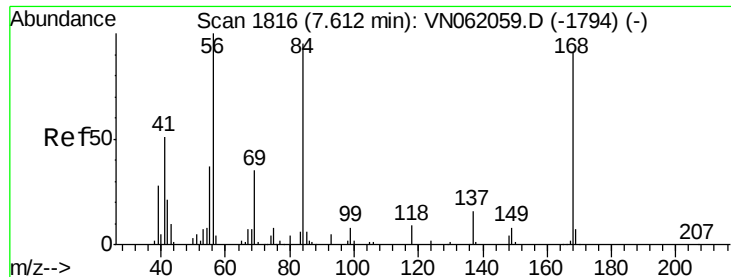
#30
Chloroform
Concen: 50.282 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion: 83 Resp: 270813
Ion Ratio Lower Upper
83 100
85 65.3 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

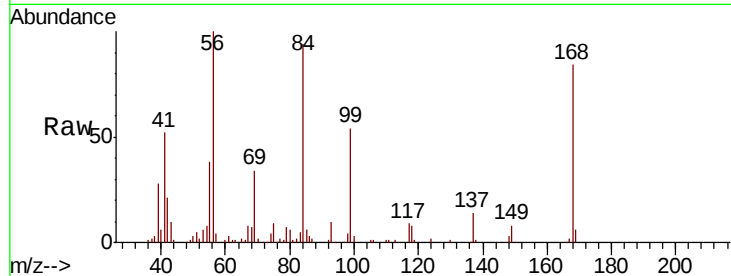




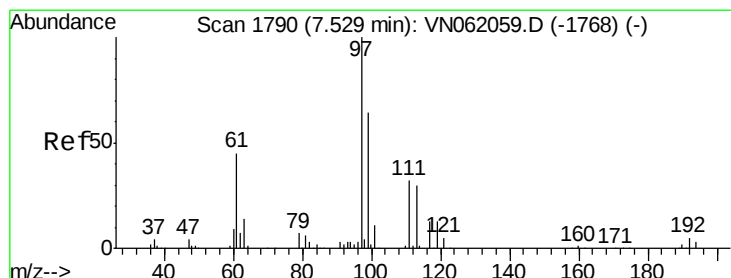
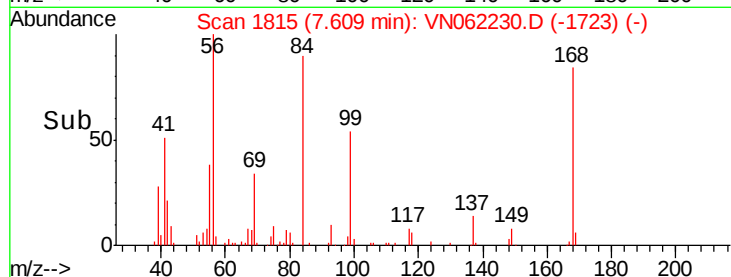
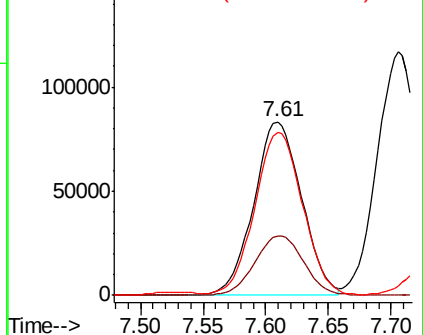
#31
Cyclohexane
Concen: 49.461 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 221472
Ion Ratio Lower Upper
56 100
69 34.2 28.0 42.0
84 92.4 76.1 114.1

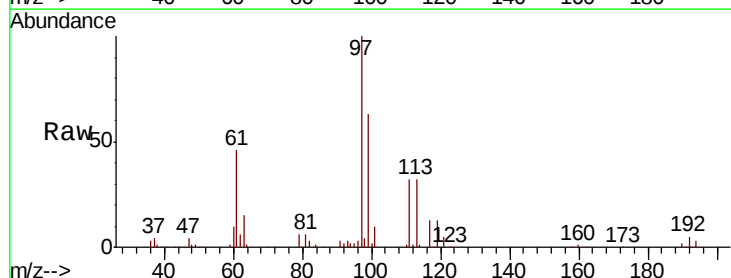


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

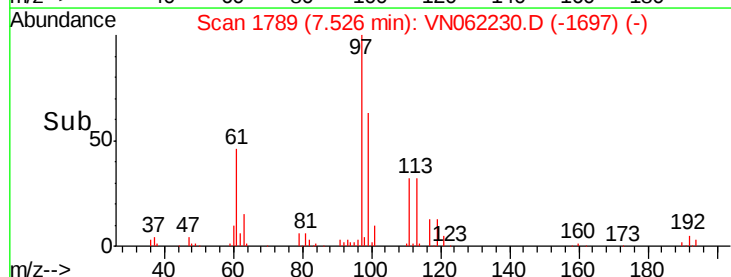
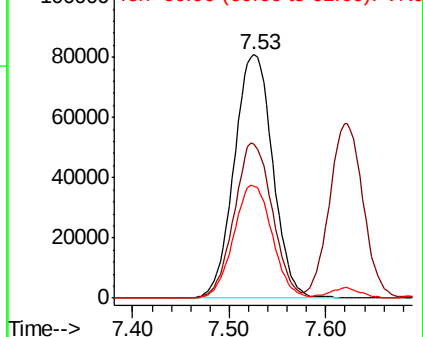


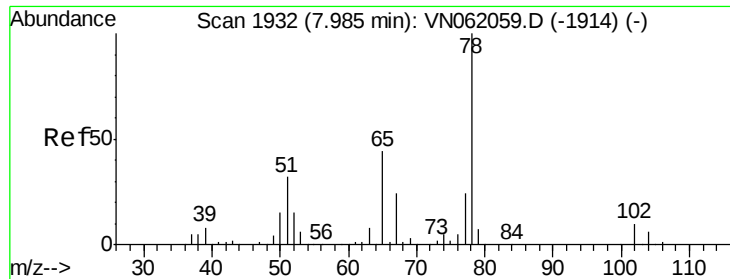
#32
1,1,1-Trichloroethane
Concen: 49.305 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion: 97 Resp: 223947
Ion Ratio Lower Upper
97 100
99 63.0 51.0 76.4
61 46.4 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

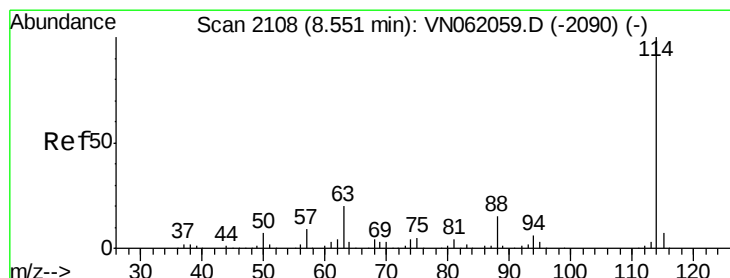
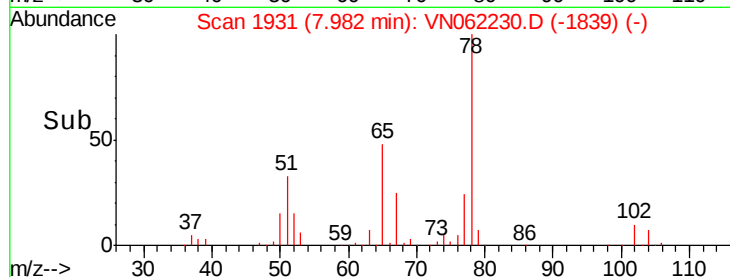
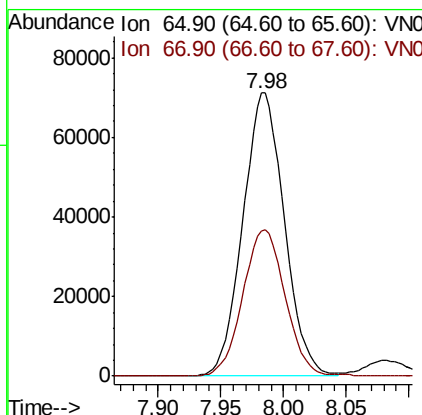
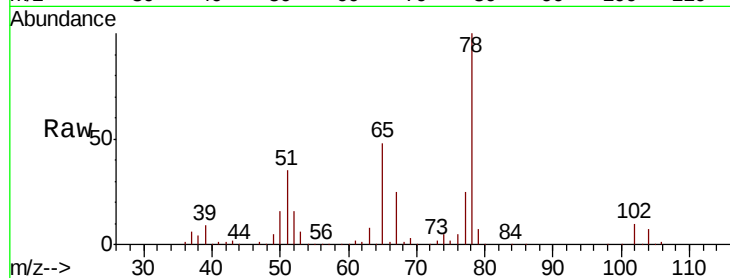




#33
 1,2-Dichloroethane-d4
 Concen: 50.676 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

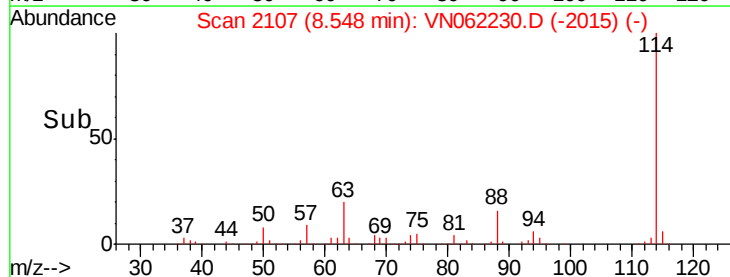
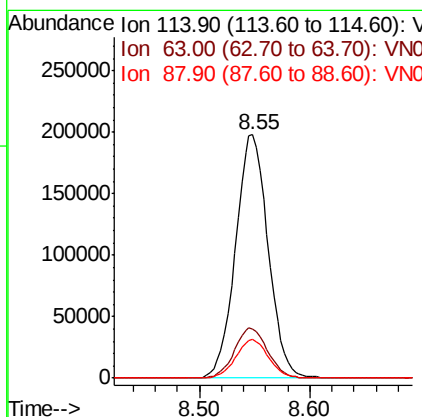
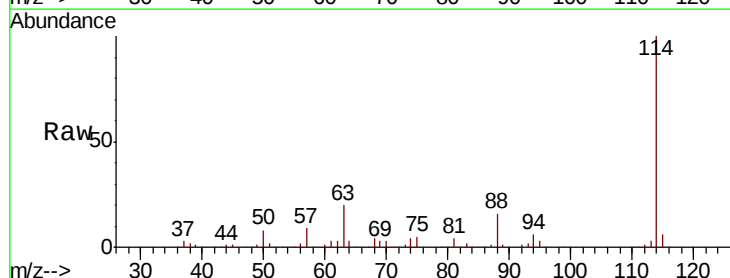
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

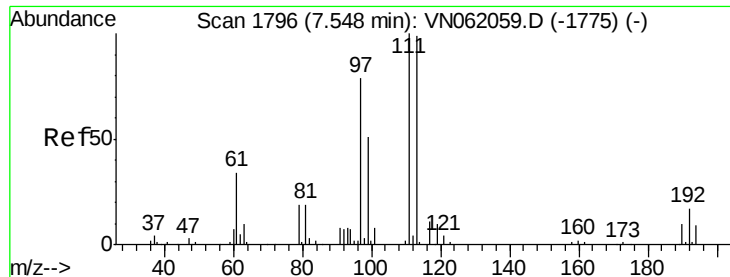
Tot Ion: 65 Resp: 164240
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

Tgt Ion: 114 Resp: 404545
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.2
 88 15.8 0.0 30.8

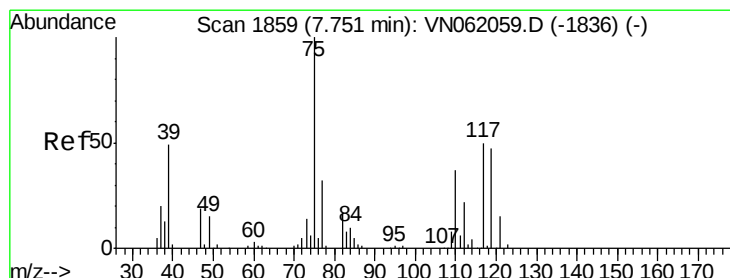
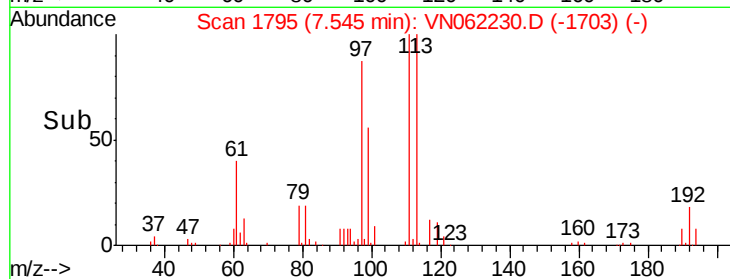
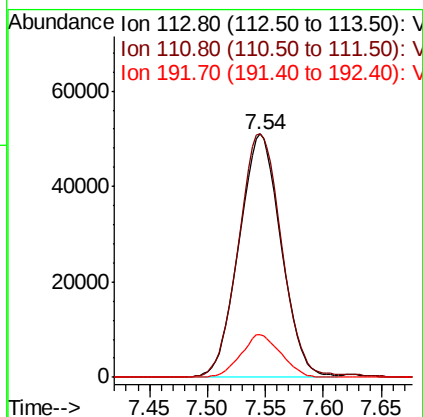
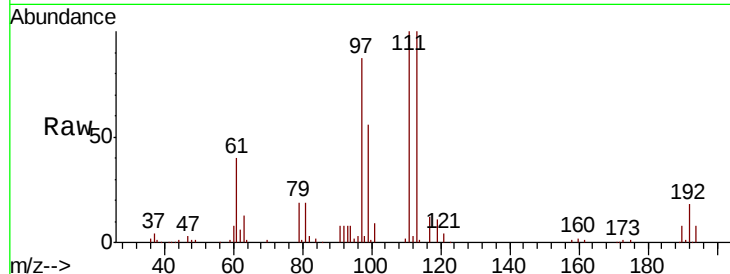




#35
 Dibromofluoromethane
 Concen: 49.573 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

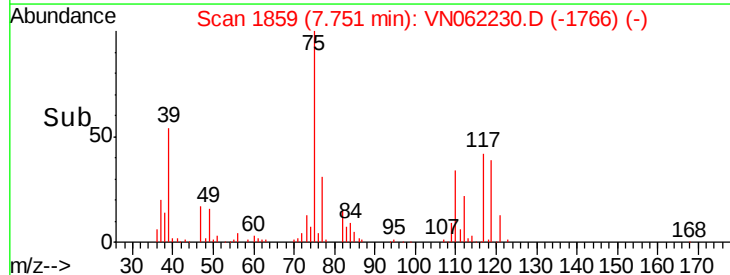
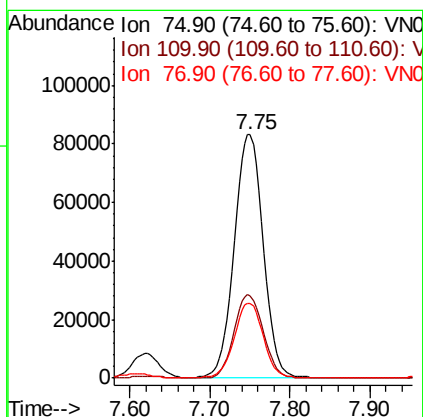
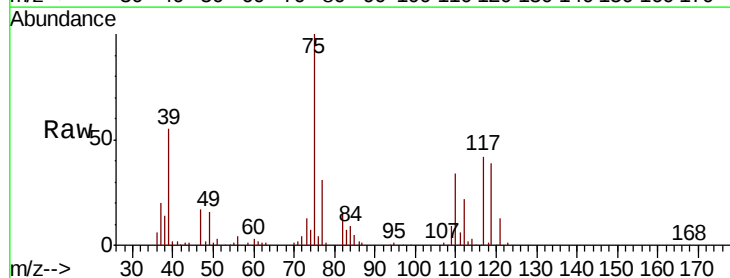
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

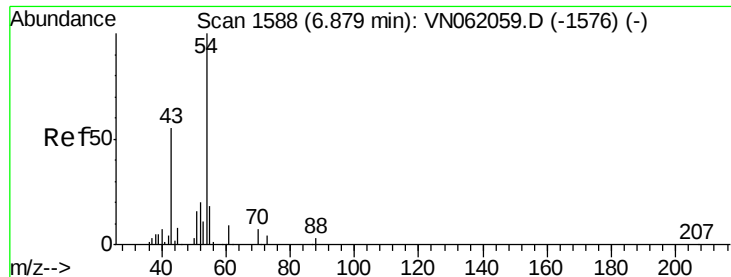
Tot Ion	113	Resp	128660
Ion Ratio	Lower	Upper	
113	100		
111	102.5	82.2	123.4
192	16.7	14.0	21.0



#36
 1,1-Dichloropropene
 Concen: 49.667 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

Tgt Ion	75	Resp	201961
Ion Ratio	Lower	Upper	
75	100		
110	34.5	17.9	53.8
77	31.1	24.9	37.3

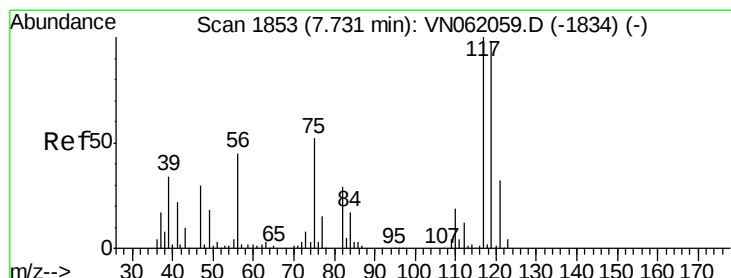
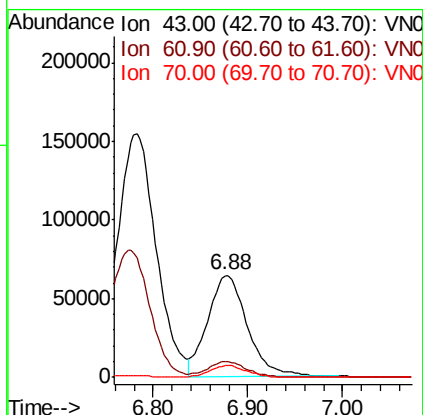
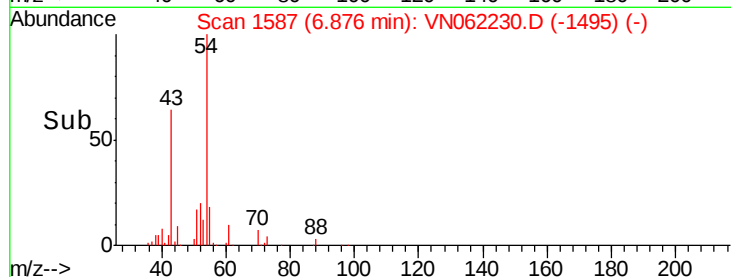
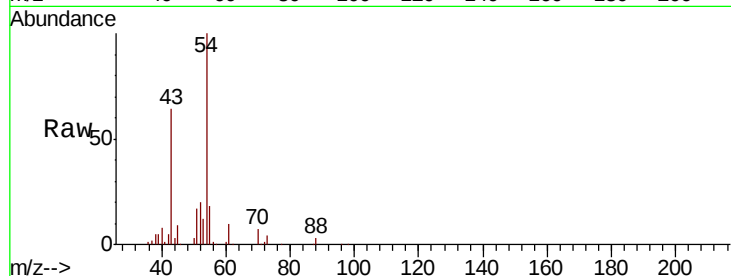




#37
Ethyl Acetate
Concen: 55.617 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

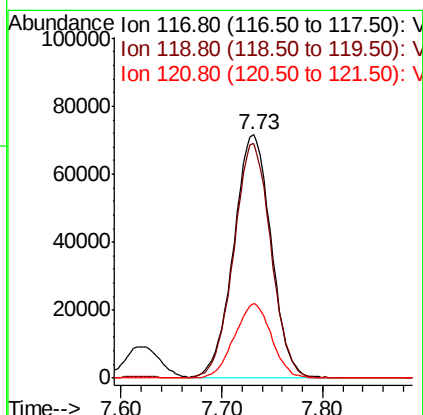
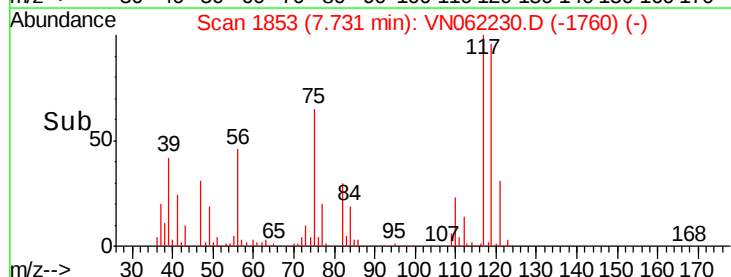
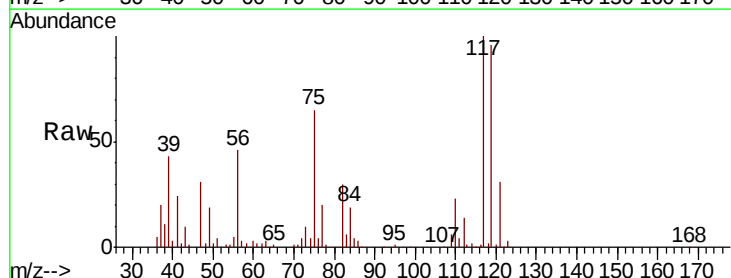
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

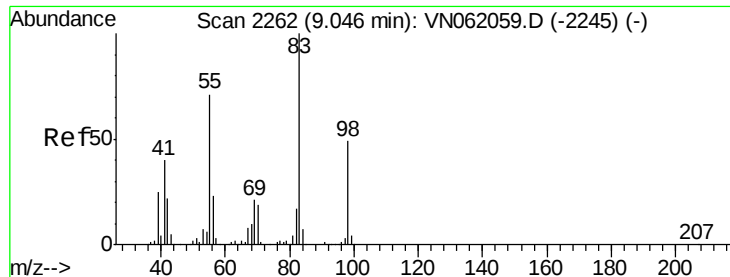
Tot Ion: 43 Resp: 187269
Ion Ratio Lower Upper
43 100
61 15.4 12.0 18.0
70 10.9 9.6 14.4



#38
Carbon Tetrachloride
Concen: 48.350 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion: 117 Resp: 185357
Ion Ratio Lower Upper
117 100
119 96.5 78.2 117.2
121 30.8 25.8 38.6

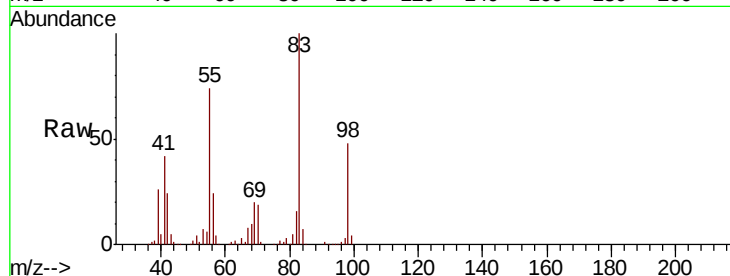




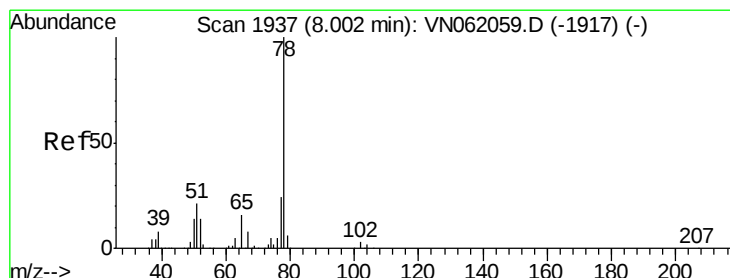
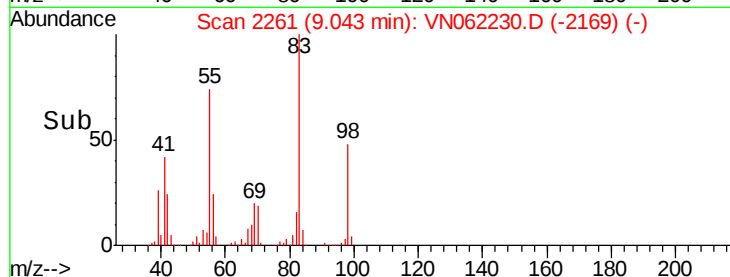
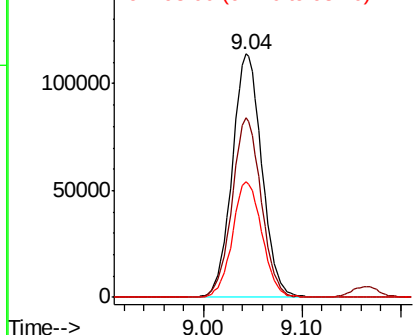
#39
Methvlcvclohexane
Concen: 53.233 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 237172
Ion Ratio Lower Upper
83 100
55 74.0 57.0 85.6
98 47.6 39.0 58.6

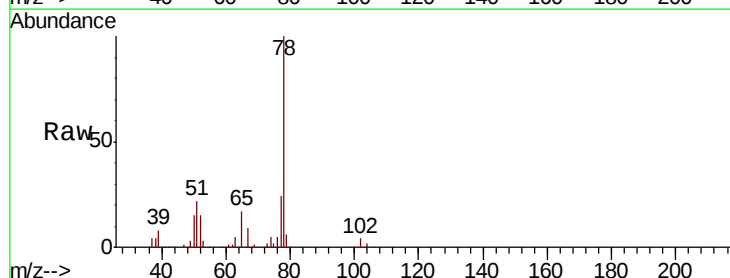


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

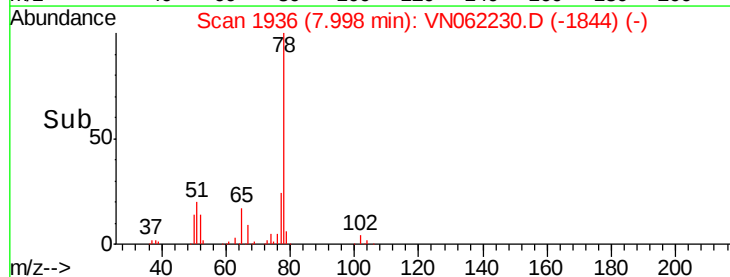
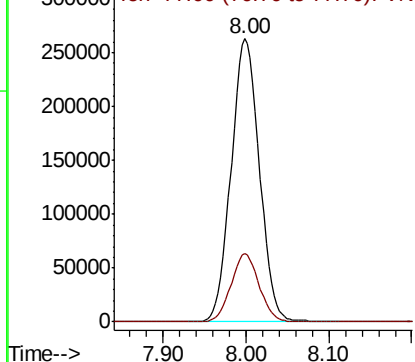


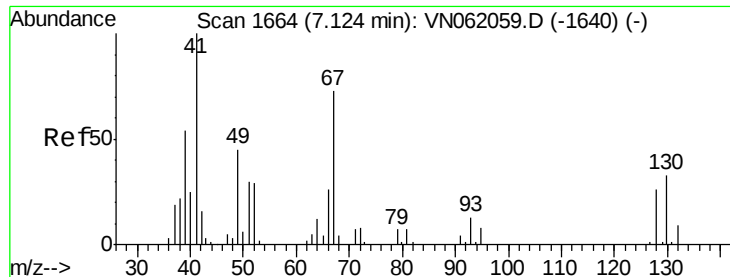
#40
Benzene
Concen: 50.426 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion: 78 Resp: 624969
Ion Ratio Lower Upper
78 100
77 24.1 19.5 29.3



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

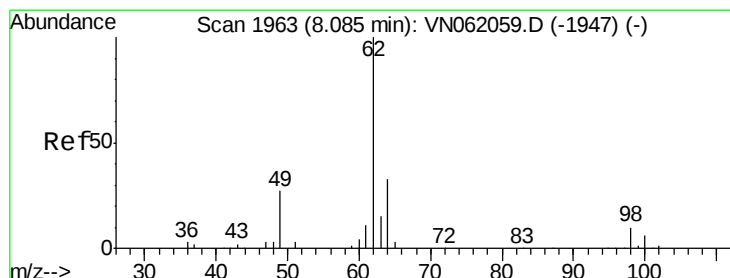
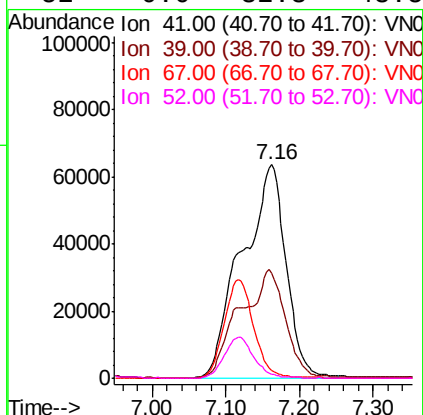
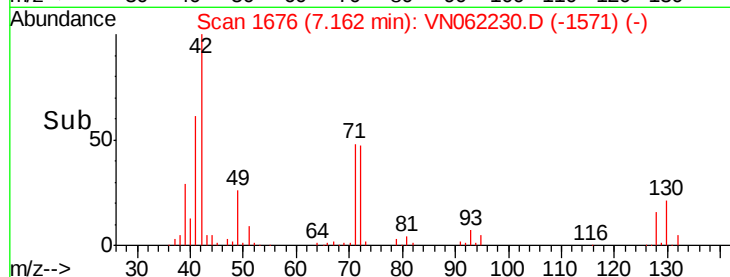
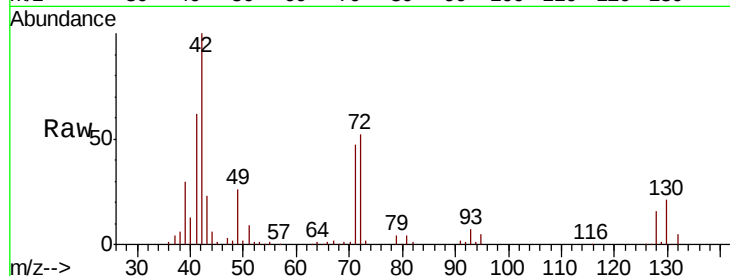




#41
Methacrylonitrile
Concen: 169.568 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.04 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

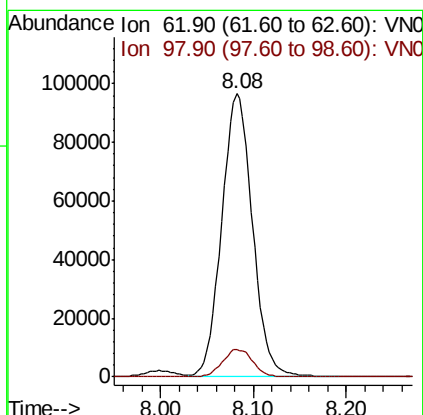
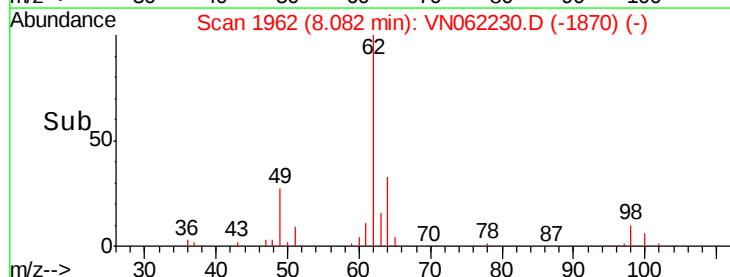
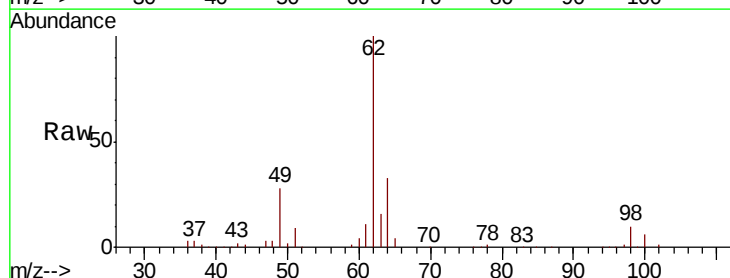
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

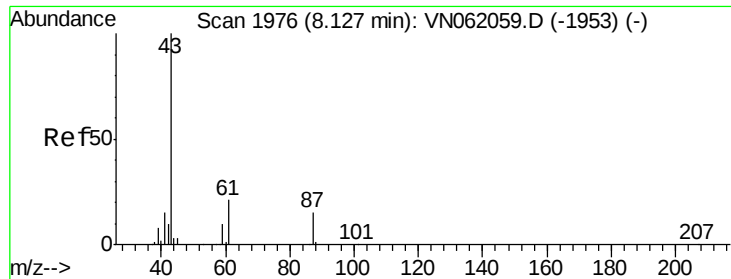
Tot Ion: 41 Resp: 264697
Ion Ratio Lower Upper
41 100
39 27.8 44.2 66.2#
67 0.0 79.5 119.3#
52 0.0 32.3 48.5#



#42
1,2-Dichloroethane
Concen: 52.872 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion: 62 Resp: 221396
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.8





#43

Isopropyl Acetate

Concen: 56.434 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

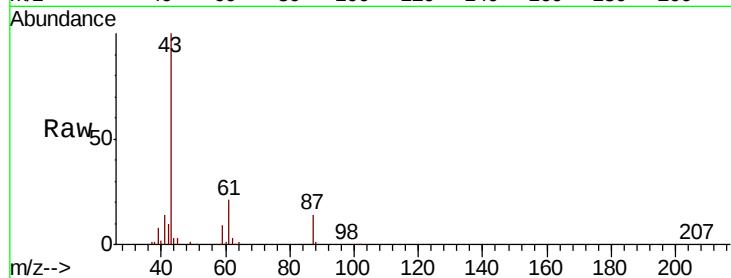
Tot Ion: 43 Resp: 309759

Ion Ratio Lower Upper

43 100

61 21.2 17.2 25.8

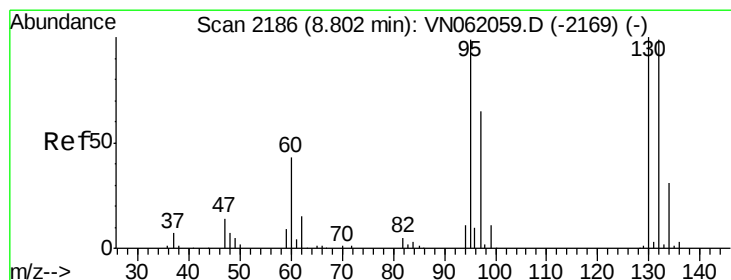
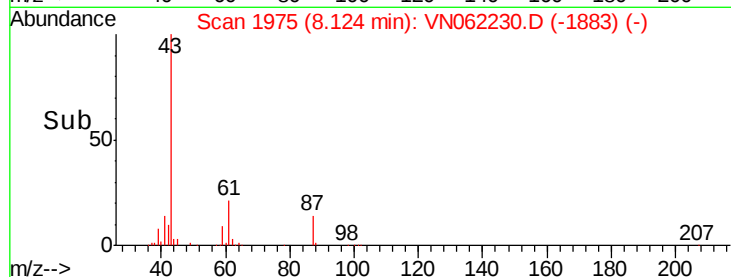
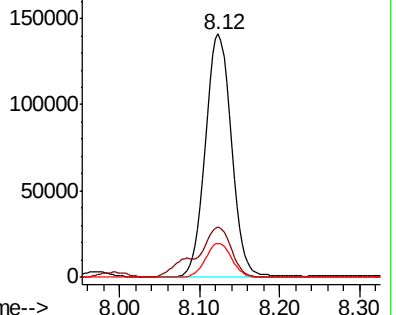
87 14.0 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN062230.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062230.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062230.D (-1953) (-)



#44

Trichloroethene

Concen: 46.774 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062230.D

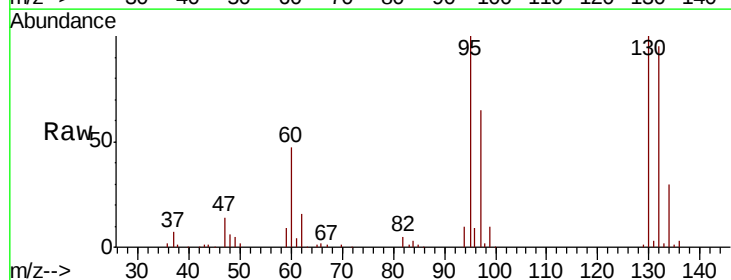
Acq: 30 Jun 2020 10:53

Tgt Ion:130 Resp: 146235

Ion Ratio Lower Upper

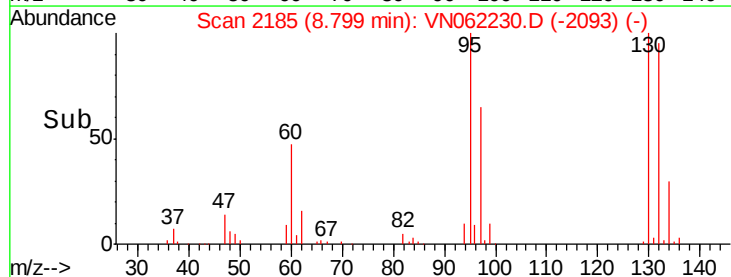
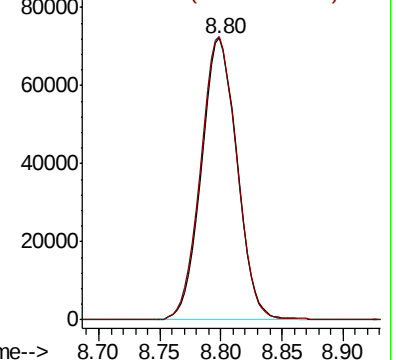
130 100

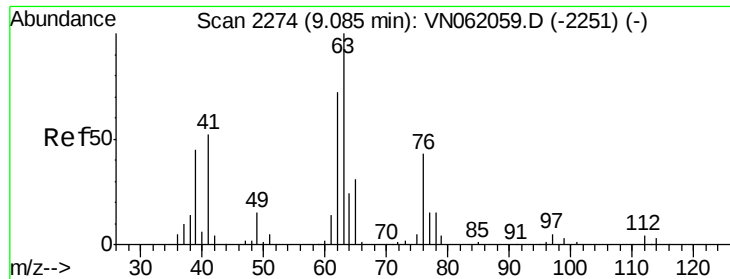
95 100.4 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062230.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062230.D (-2093) (-)





#45

1,2-Dichloropropane

Concen: 53.395 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

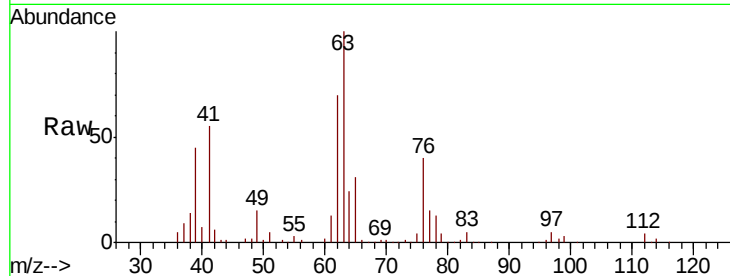
VSTDCCC050

Tot Ion: 63 Resp: 163262

Ion Ratio Lower Upper

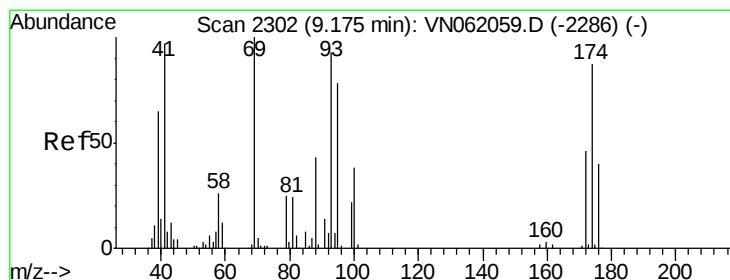
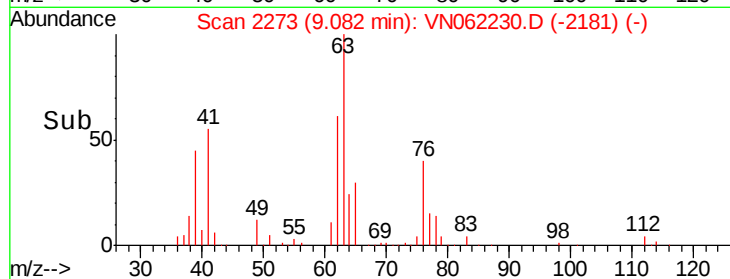
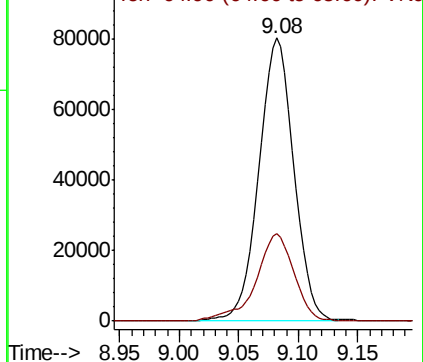
63 100

65 30.9 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 51.235 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

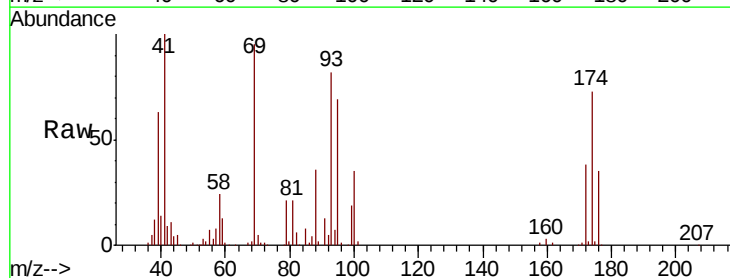
Tgt Ion: 93 Resp: 106214

Ion Ratio Lower Upper

93 100

95 82.7 67.0 100.6

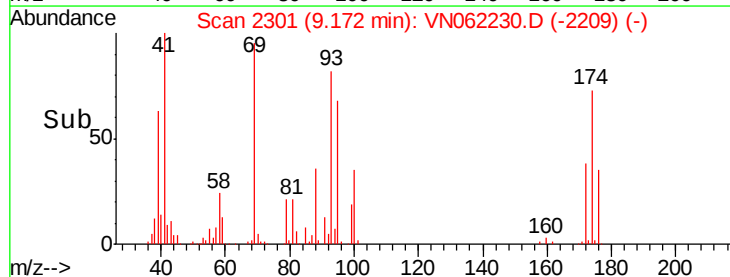
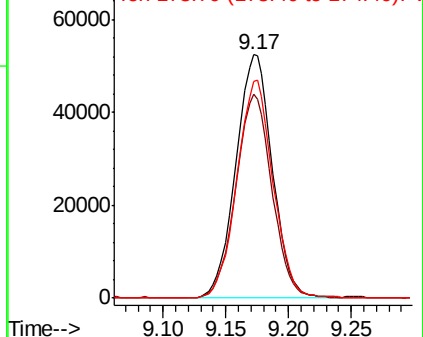
174 88.3 74.4 111.6

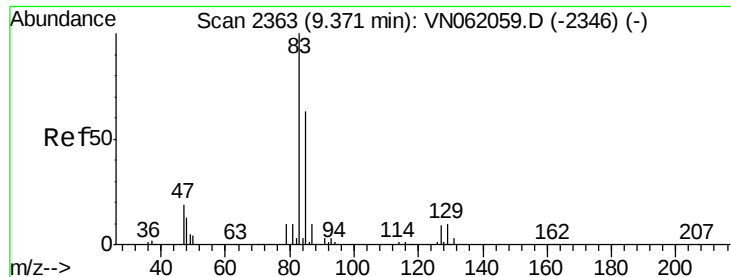


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

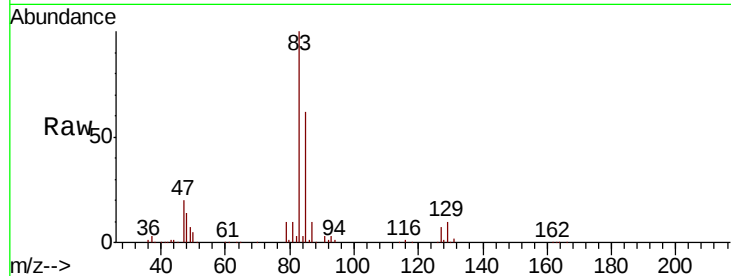




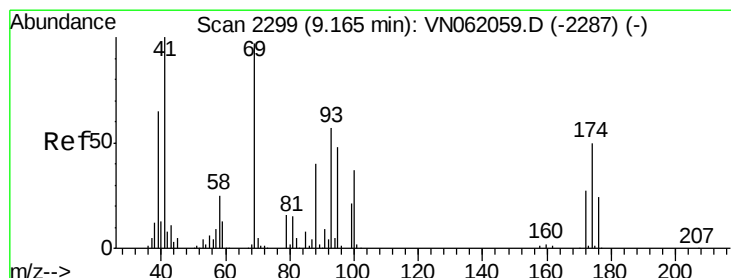
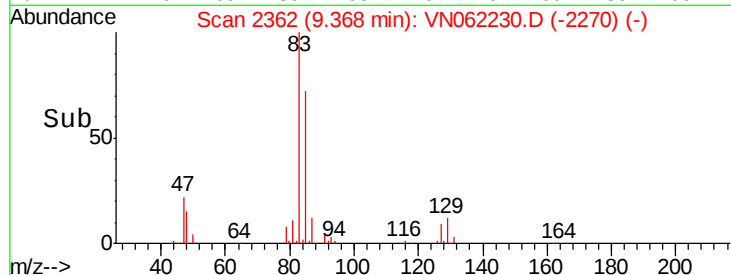
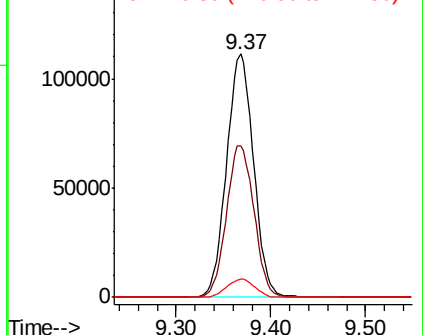
#47
Bromodichloromethane
Concen: 52.716 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	220661
Ion Ratio	100		
85	62.4	50.3	75.5
127	7.5	6.9	10.3

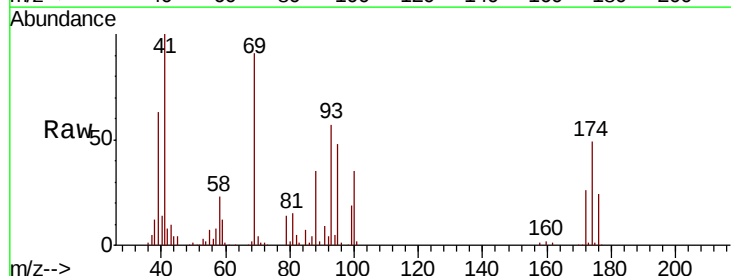


Abundance Ion 82.90 (82.60 to 83.60): VN062230.D (-2270) (-)
Ion 84.90 (84.60 to 85.60): VN062230.D (-2270) (-)
Ion 126.80 (126.50 to 127.50): VN062230.D (-2270) (-)

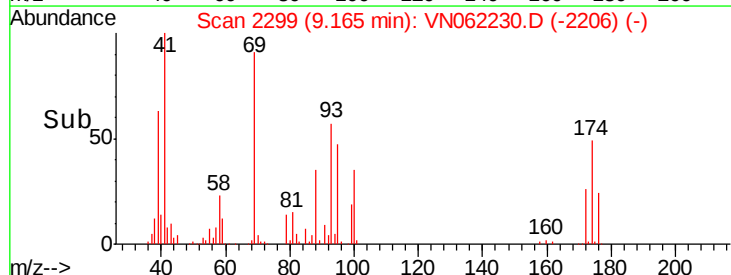
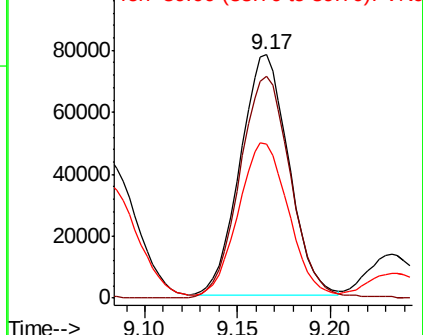


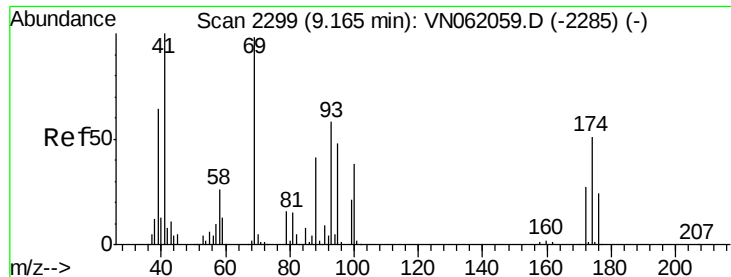
#48
Methyl methacrylate
Concen: 57.413 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion	41	Resp	141299
Ion Ratio	100		
69	97.0	80.7	121.1
39	66.4	54.5	81.7



Abundance Ion 41.00 (40.70 to 41.70): VN062230.D (-2206) (-)
Ion 69.00 (68.70 to 69.70): VN062230.D (-2206) (-)
Ion 39.00 (38.70 to 39.70): VN062230.D (-2206) (-)

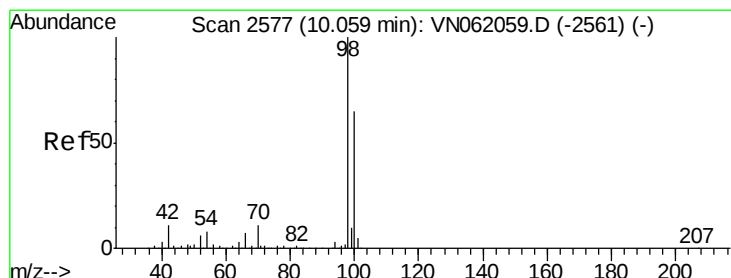
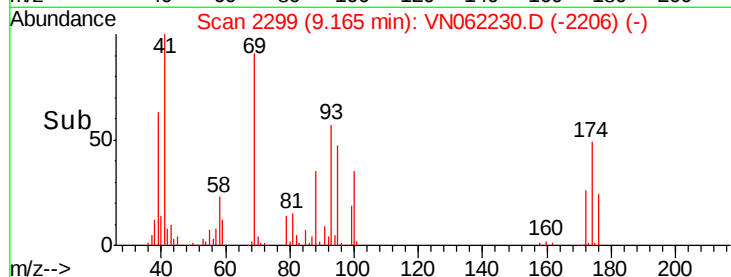
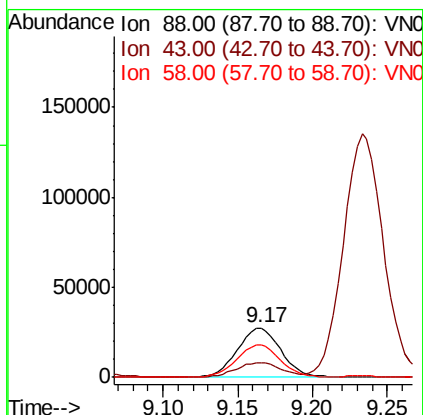
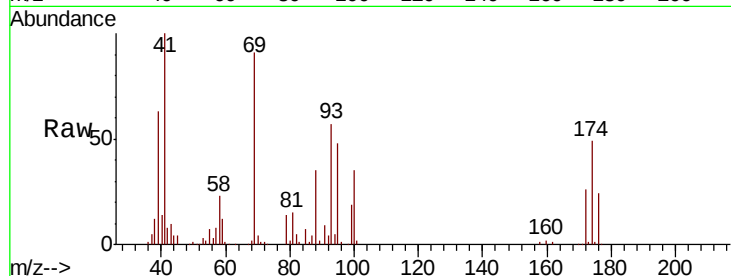




#49
1,4-Dioxane
Concen: 1017.507 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

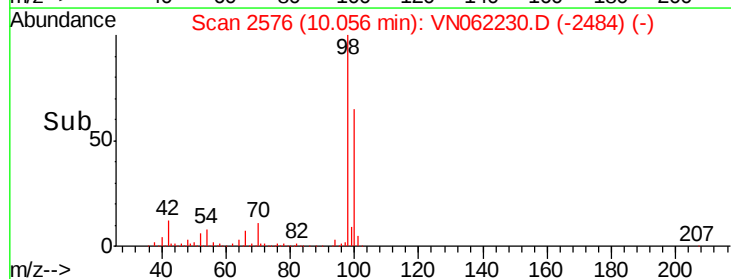
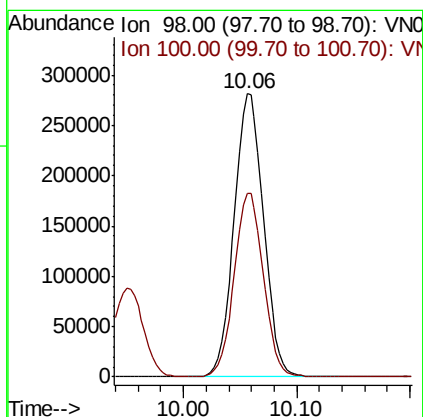
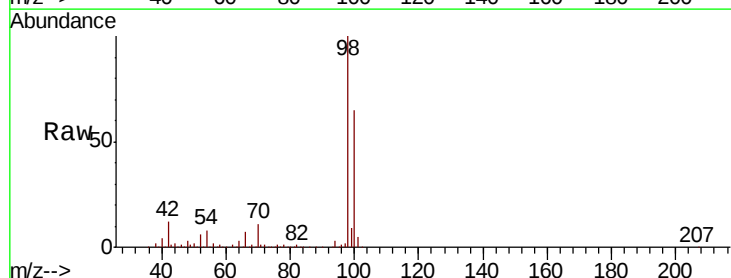
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

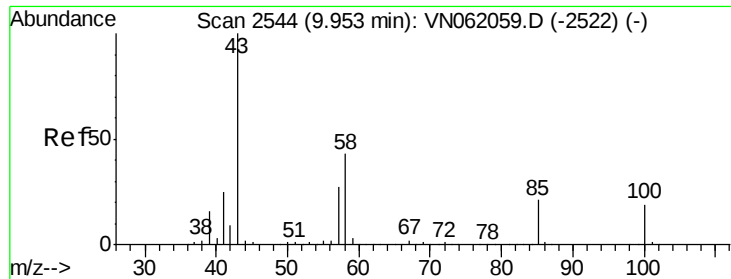
Tot Ion: 88 Resp: 55533
Ion Ratio Lower Upper
88 100
43 29.6 22.0 33.0
58 67.0 49.2 73.8



#50
Toluene-d8
Concen: 49.258 ug/l
RT: 10.06 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion: 98 Resp: 511027
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8

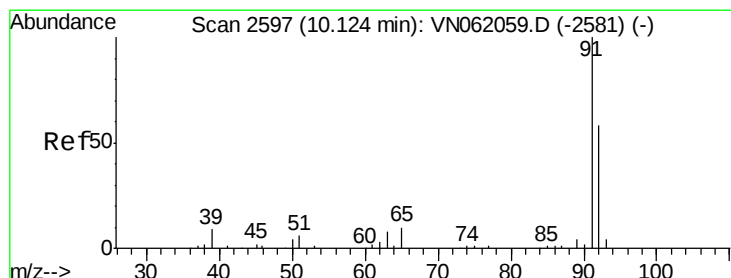
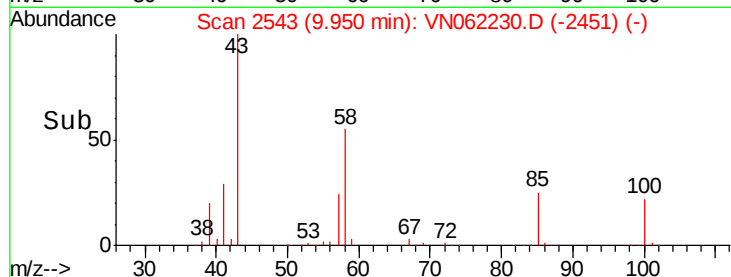
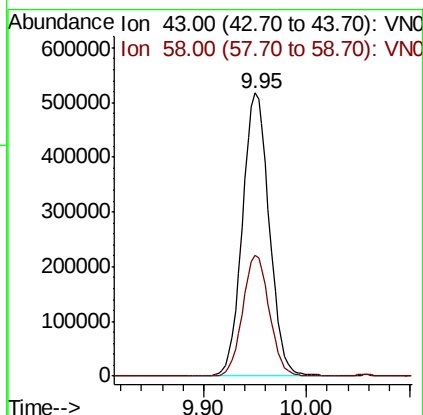
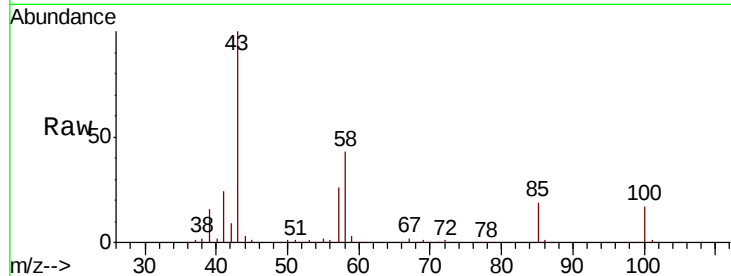




#51
4-Methyl-2-Pentanone
Concen: 291.116 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

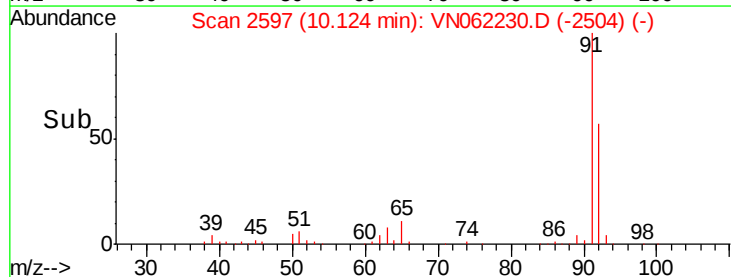
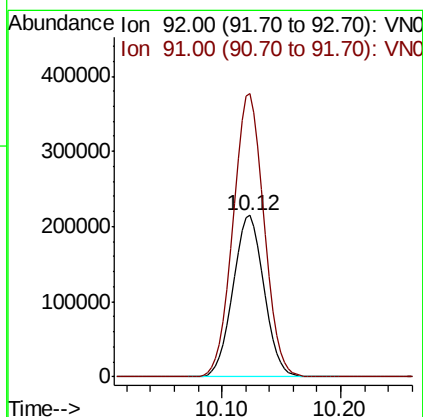
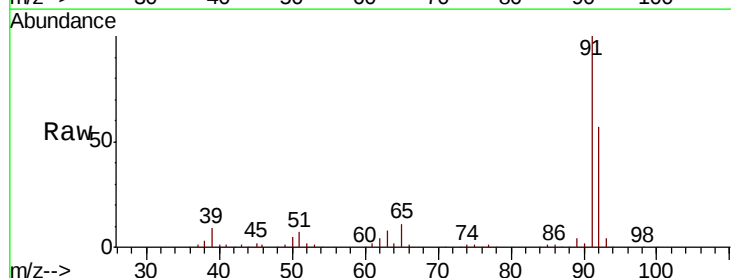
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

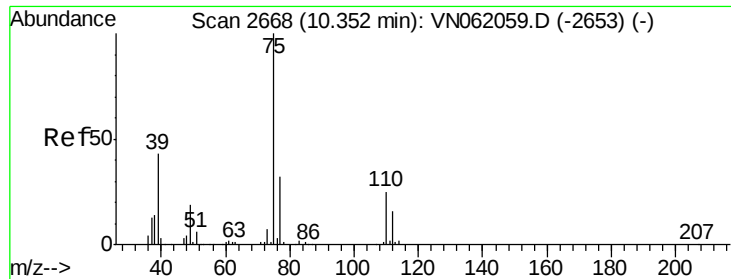
Tot Ion: 43 Resp: 933593
Ion Ratio Lower Upper
43 100
58 42.5 34.2 51.2



#52
Toluene
Concen: 51.371 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion: 92 Resp: 388474
Ion Ratio Lower Upper
92 100
91 174.9 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 53.711 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

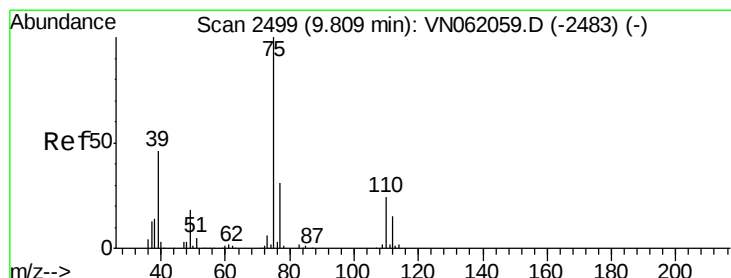
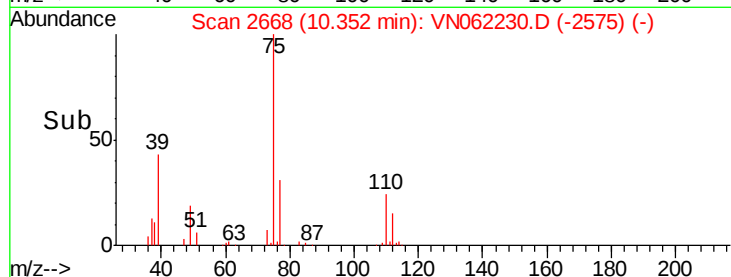
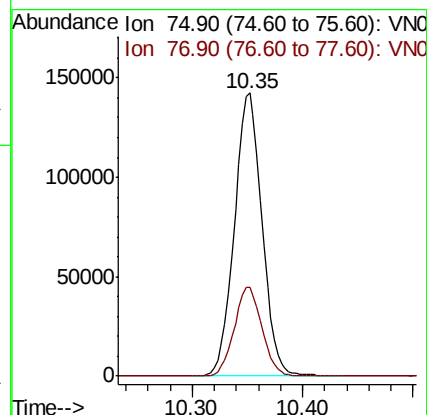
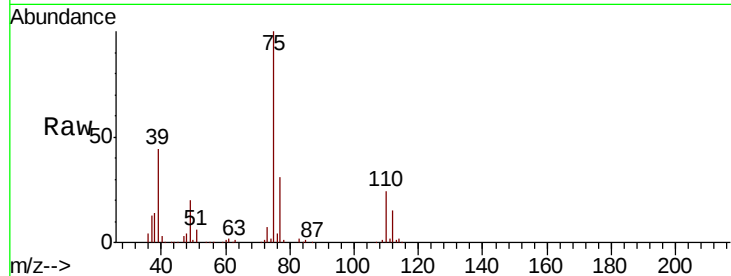
VSTDCCC050

Tot Ion: 75 Resp: 247348

Ion Ratio Lower Upper

75 100

77 31.3 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 54.360 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

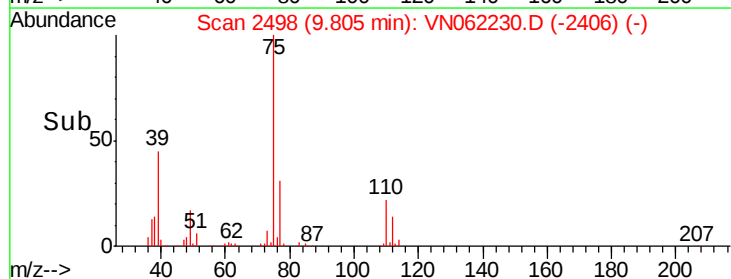
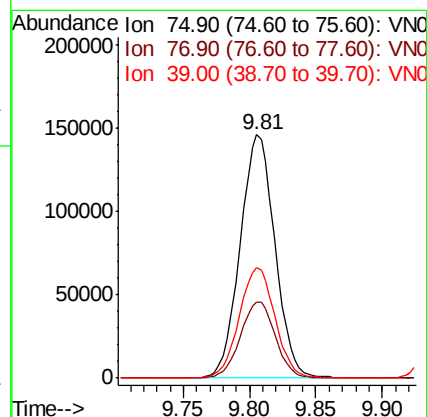
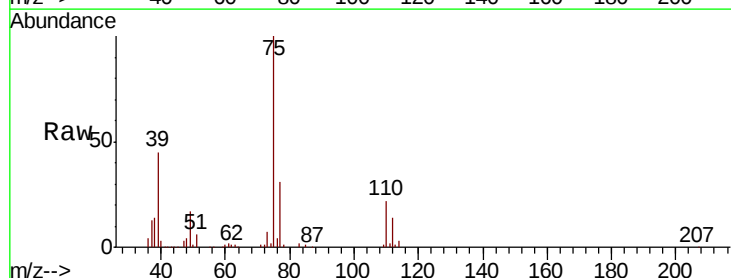
Tgt Ion: 75 Resp: 266522

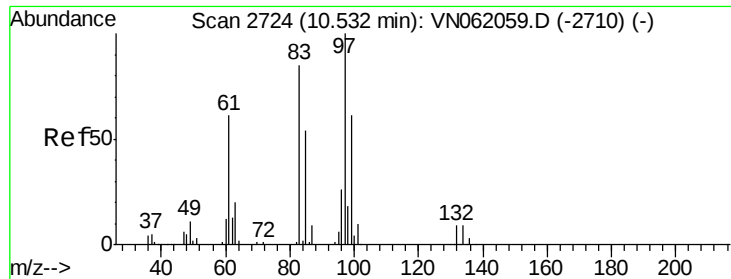
Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.6

39 45.2 36.9 55.3

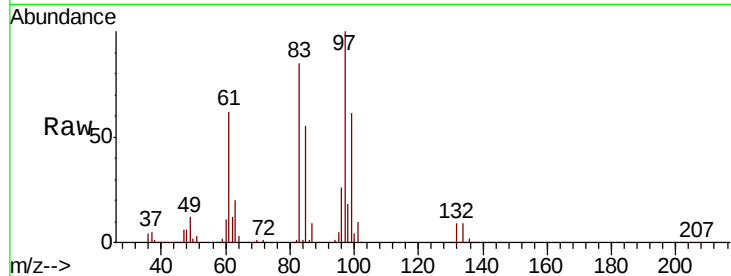




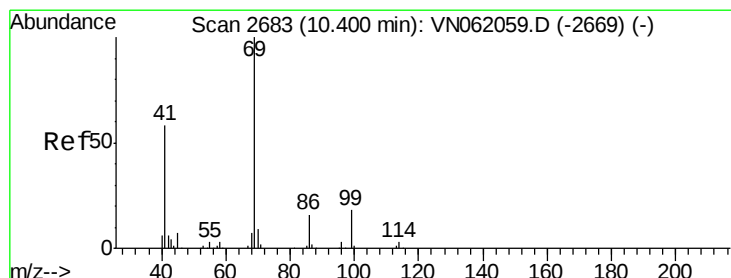
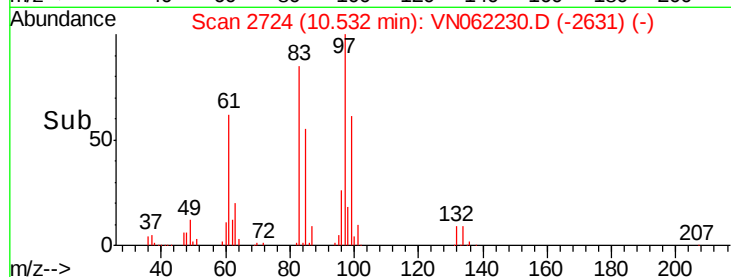
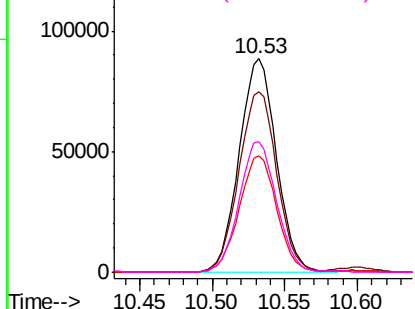
#55
 1,1,2-Trichloroethane
 Concen: 53.153 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. 0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 158002
 Ion Ratio Lower Upper
 97 100
 83 84.8 68.2 102.2
 85 54.6 43.2 64.8
 99 61.4 48.5 72.7

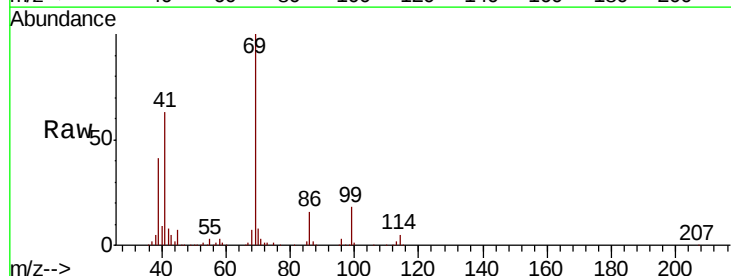


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

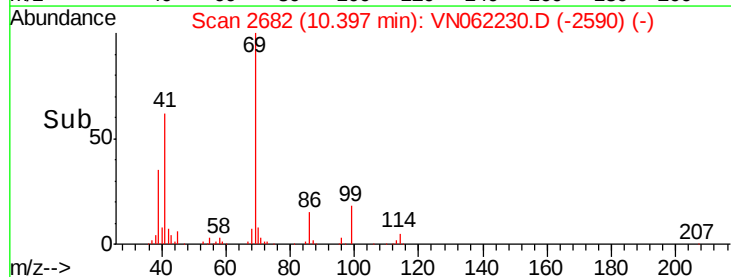
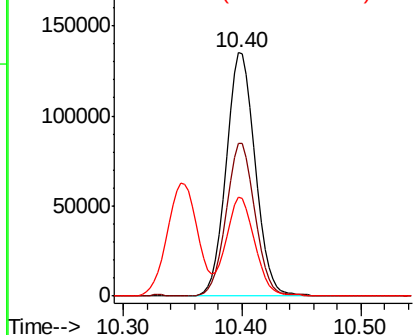


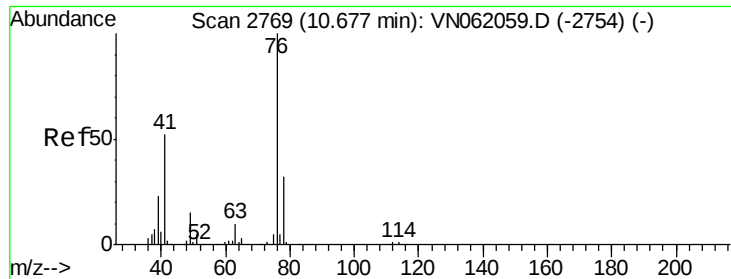
#56
 Ethyl methacrylate
 Concen: 57.582 ug/l
 RT: 10.40 min Scan# 2682
 Delta R.T. -0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

Tgt Ion: 69 Resp: 228431
 Ion Ratio Lower Upper
 69 100
 41 61.7 46.6 70.0
 39 40.2 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

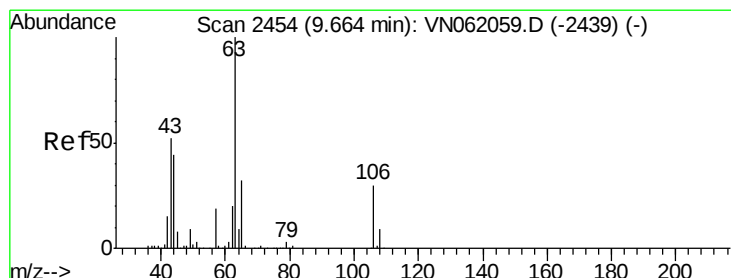
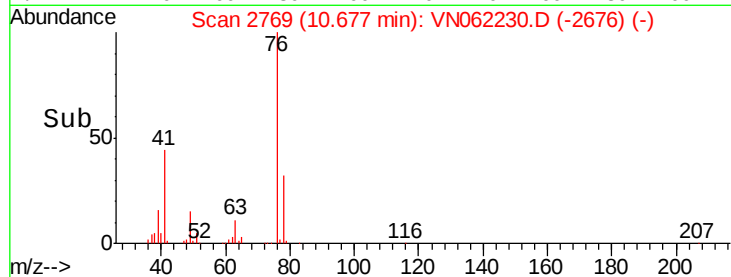
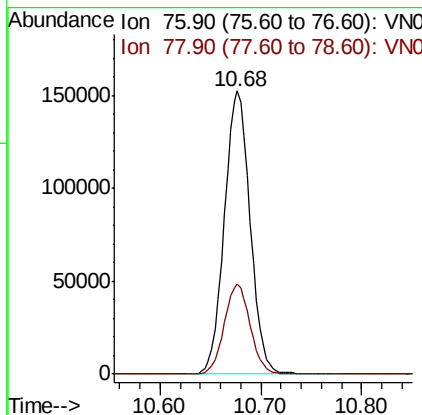
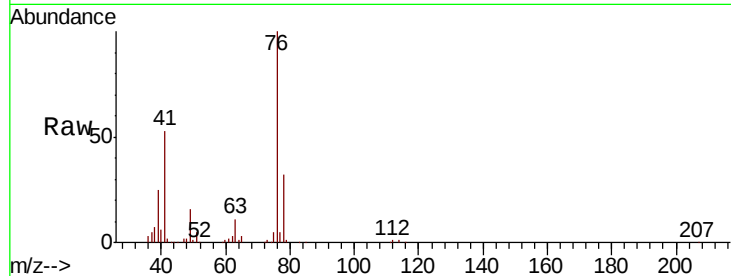




#57
 1,3-Dichloropropane
 Concen: 53.102 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. 0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

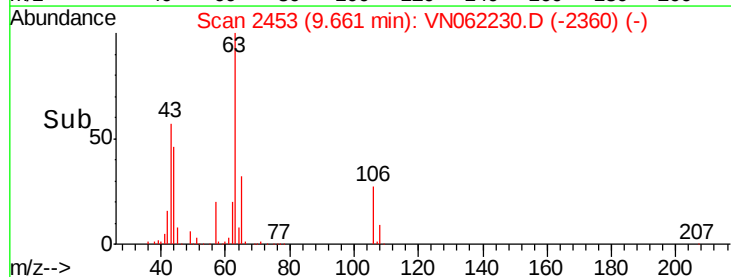
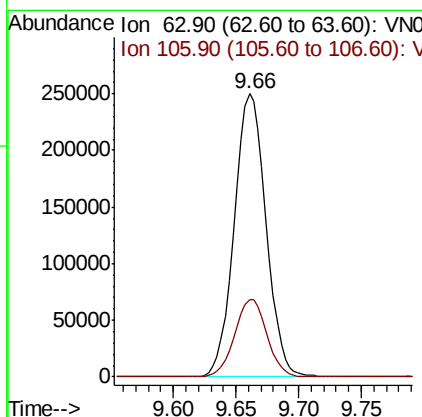
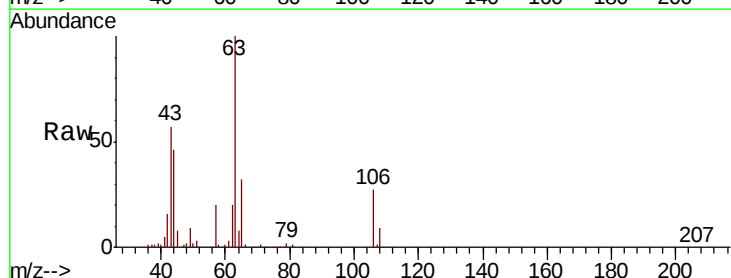
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

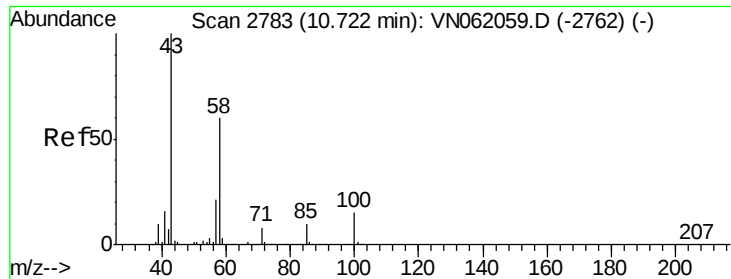
Tot Ion: 76 Resp: 271699
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 260.191 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

Tgt Ion: 63 Resp: 440647
 Ion Ratio Lower Upper
 63 100
 106 27.8 23.2 34.8

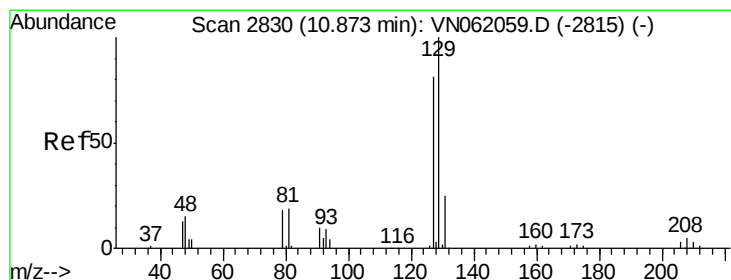
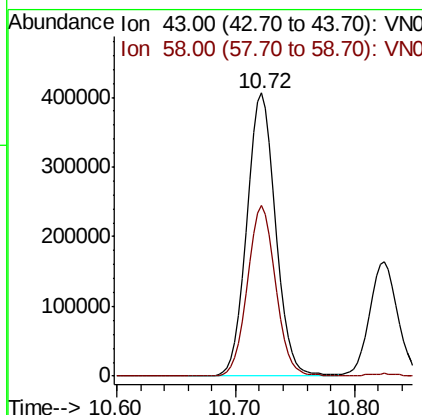
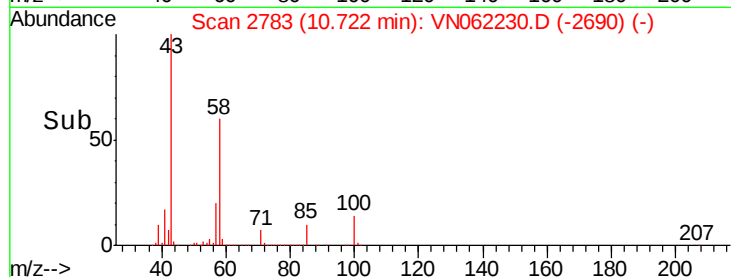
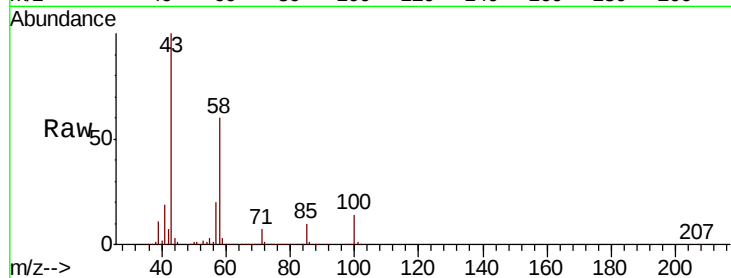




#59
2-Hexanone
Concen: 293.348 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

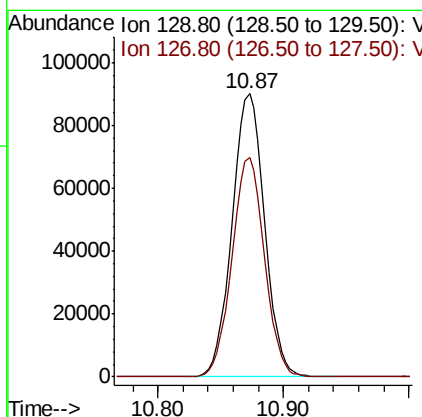
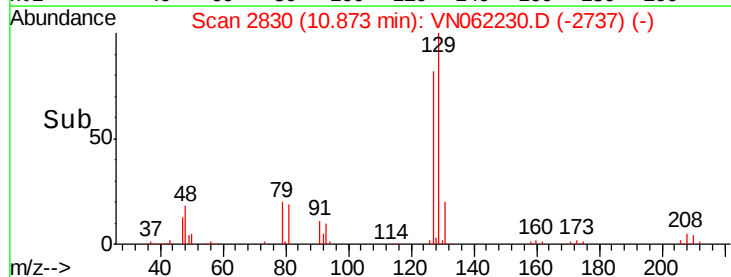
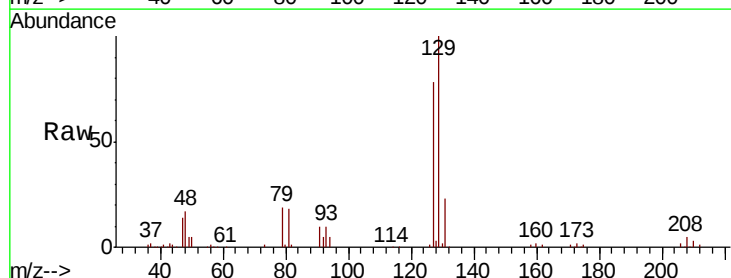
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

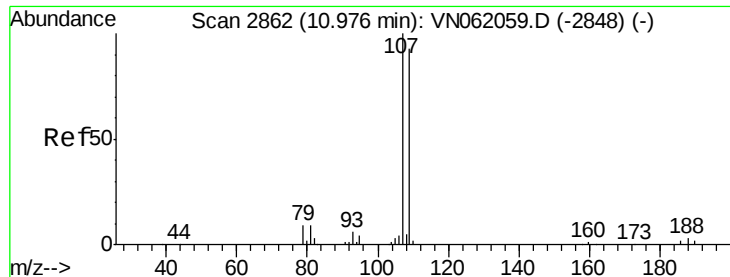
Tot Ion: 43 Resp: 679315
Ion Ratio Lower Upper
43 100
58 59.4 29.5 88.5



#60
Dibromochloromethane
Concen: 51.563 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion: 129 Resp: 162277
Ion Ratio Lower Upper
129 100
127 77.3 39.5 118.5

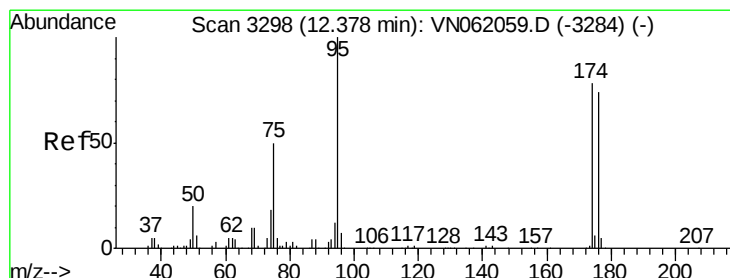
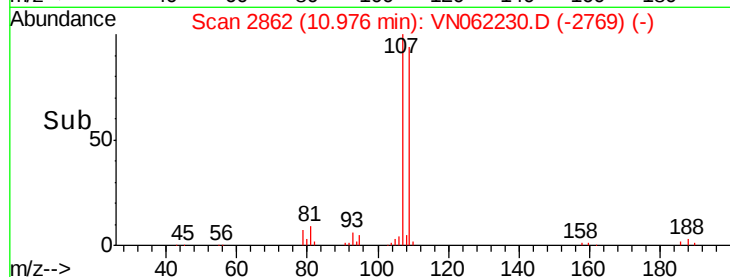
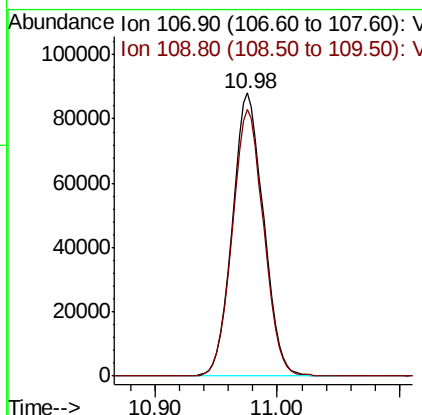
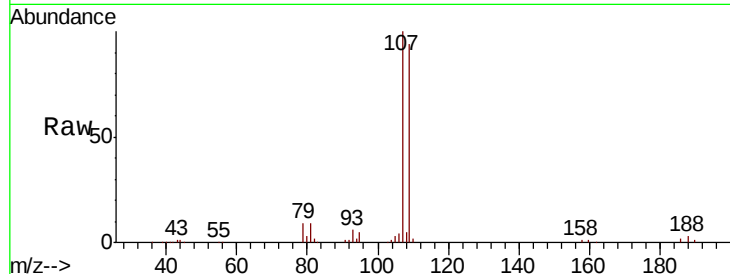




#61
 1,2-Dibromoethane
 Concen: 51.096 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

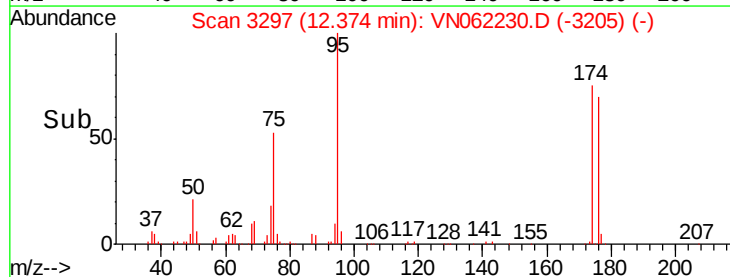
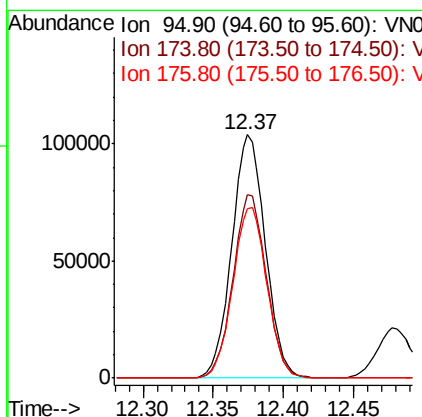
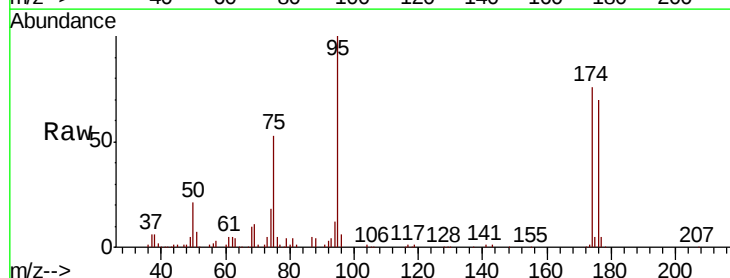
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

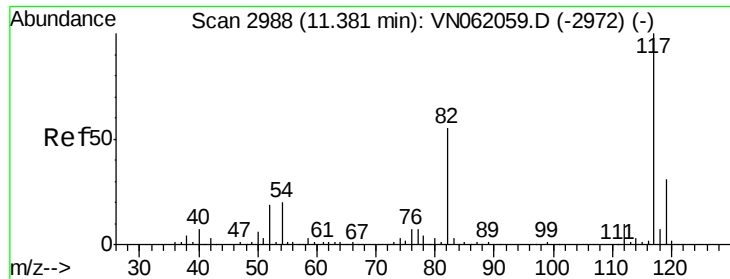
Tot Ion: 107 Resp: 156069
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 49.481 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

Tgt Ion: 95 Resp: 173435
 Ion Ratio Lower Upper
 95 100
 174 74.8 0.0 154.8
 176 71.1 0.0 147.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2987

Delta R.T. -0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

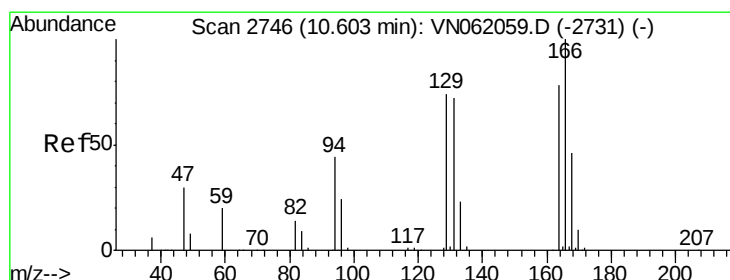
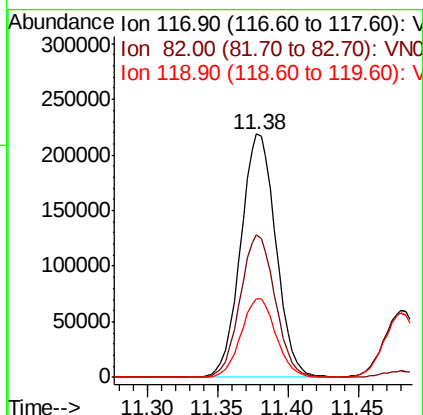
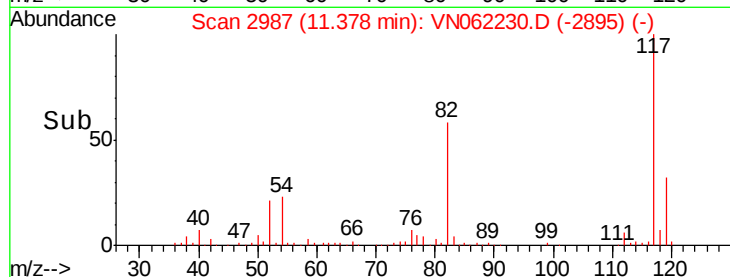
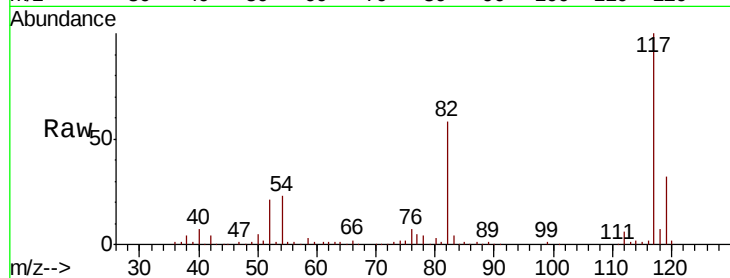
Tot Ion:117 Resp: 382322

Ion Ratio Lower Upper

117 100

82 58.3 43.8 65.8

119 32.2 25.2 37.8



#64

Tetrachloroethene

Concen: 44.849 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. 0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Tgt Ion:164 Resp: 117128

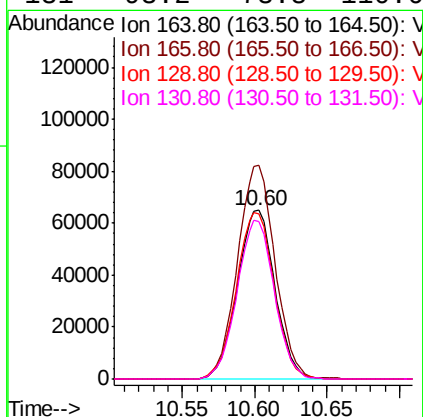
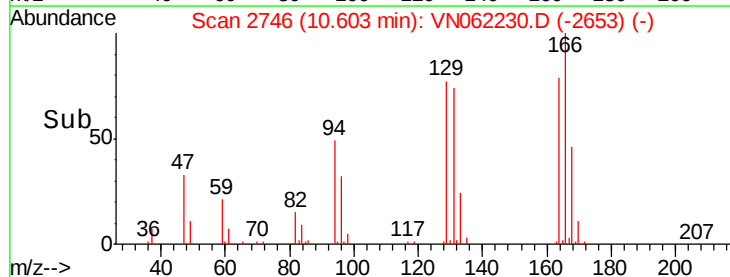
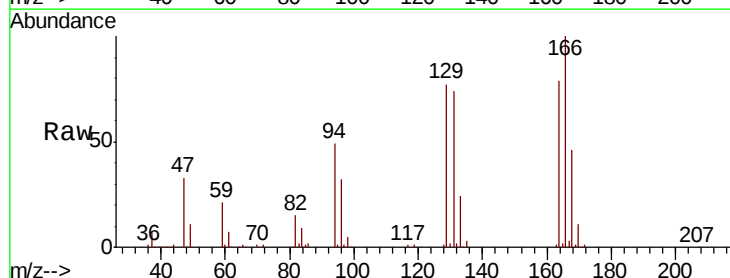
Ion Ratio Lower Upper

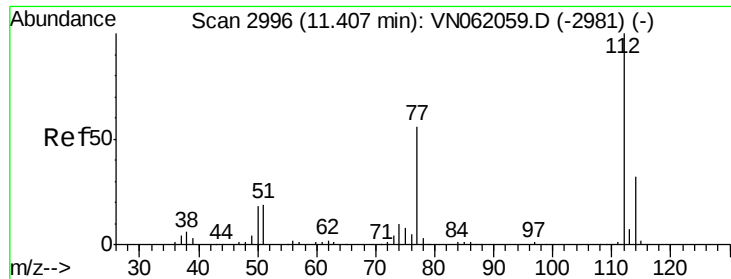
164 100

166 126.7 102.9 154.3

129 97.8 75.8 113.8

131 93.2 73.8 110.6

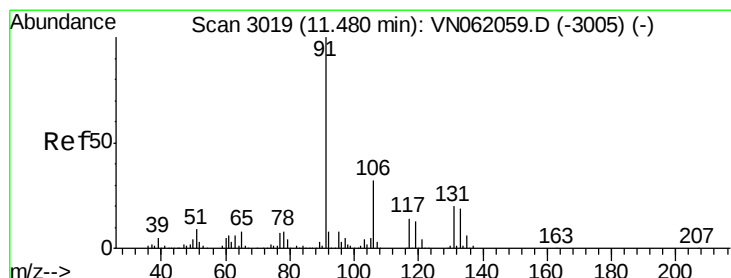
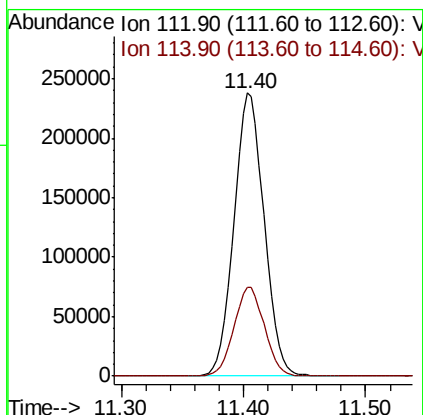
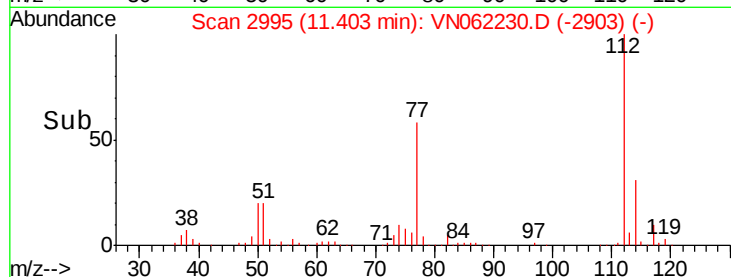
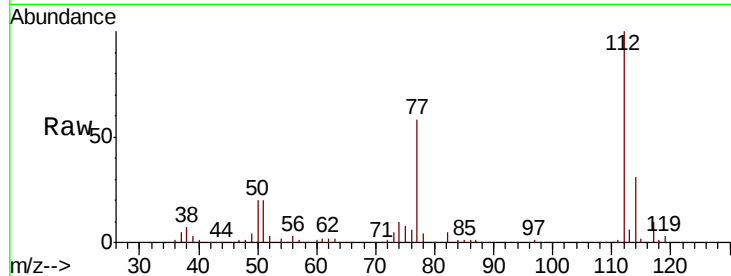




#65
Chlorobenzene
Concen: 48.504 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

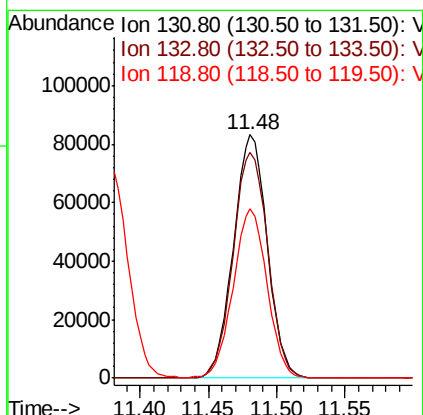
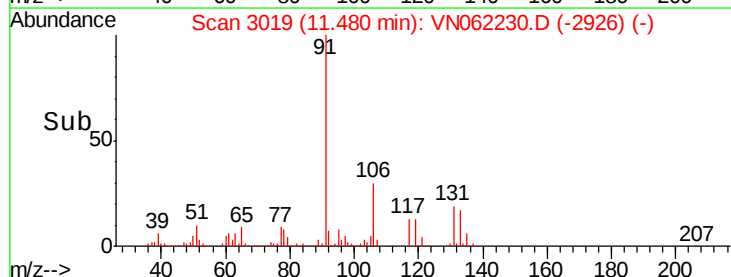
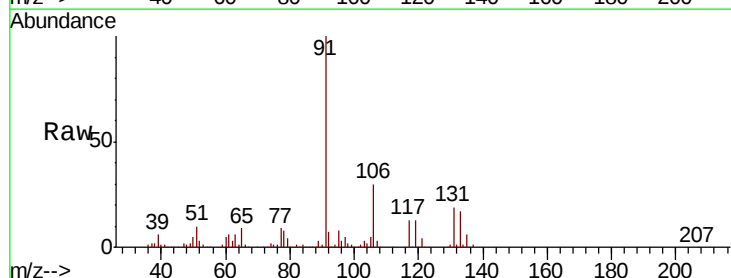
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

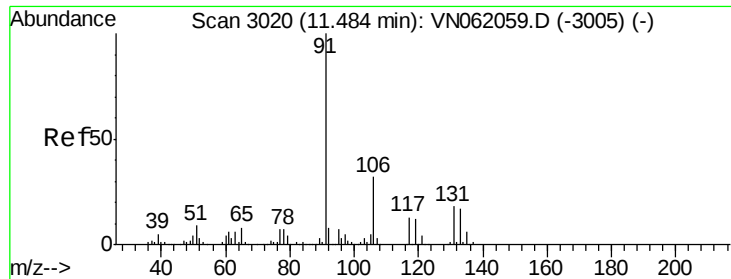
Tot Ion:112 Resp: 407232
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.220 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion:131 Resp: 142895
Ion Ratio Lower Upper
131 100
133 95.7 47.6 142.9
119 70.0 34.4 103.3

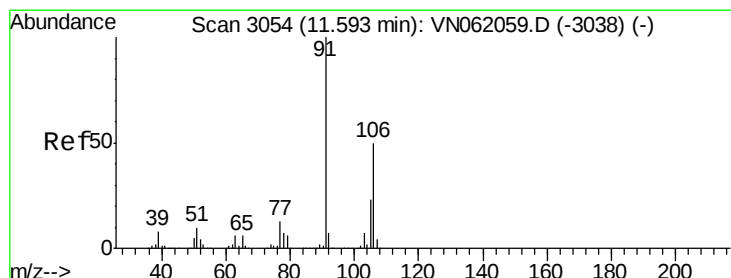
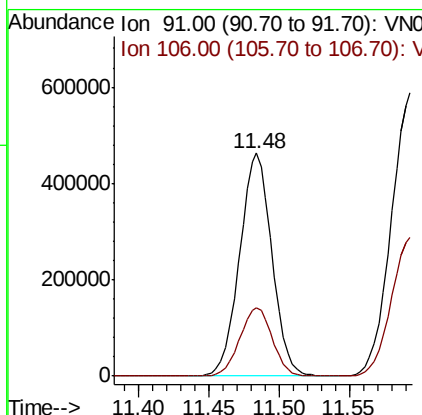
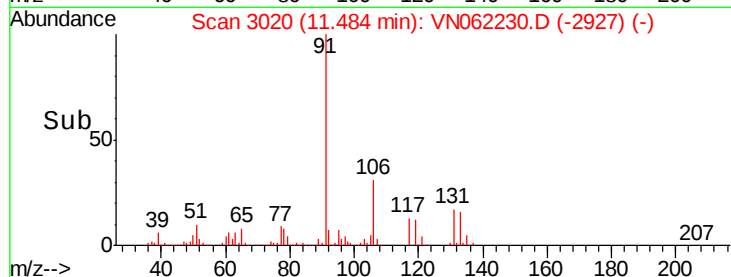
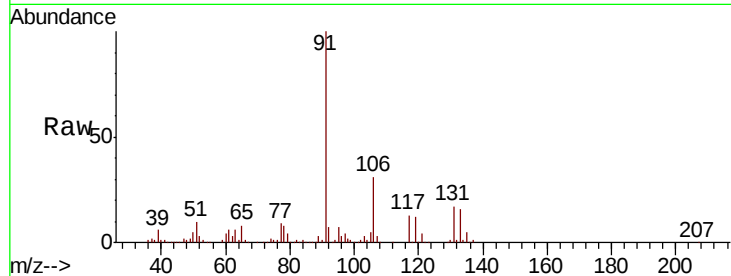




#67
Ethyl Benzene
Concen: 52.288 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

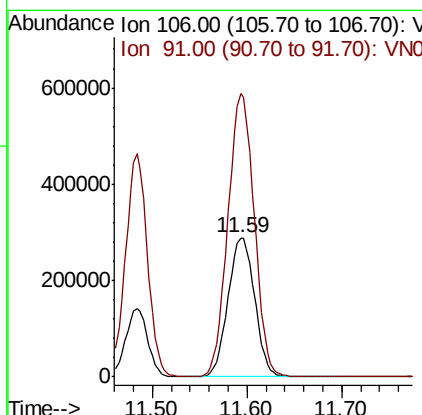
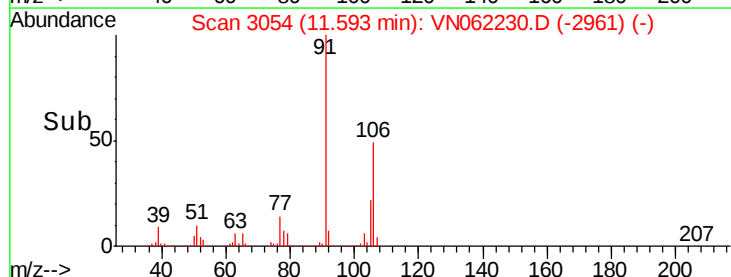
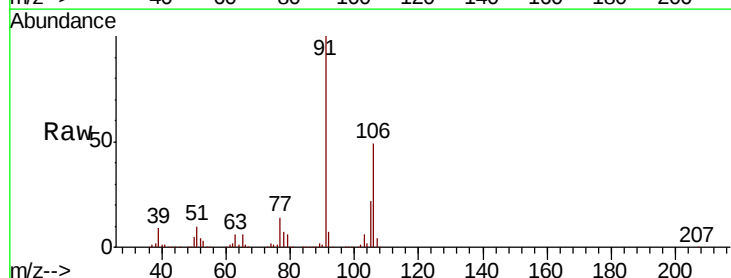
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

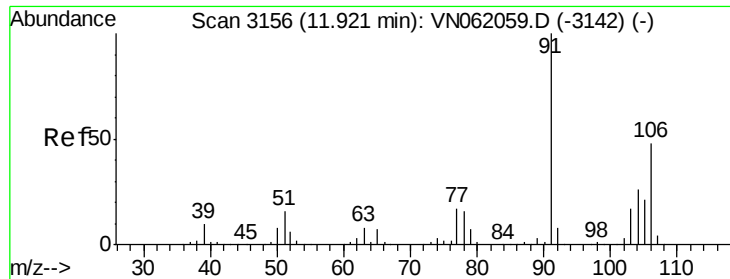
Tot Ion: 91 Resp: 741423
Ion Ratio Lower Upper
91 100
106 30.7 25.3 37.9



#68
m/p-Xylenes
Concen: 102.782 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion: 106 Resp: 563697
Ion Ratio Lower Upper
106 100
91 201.7 157.8 236.8

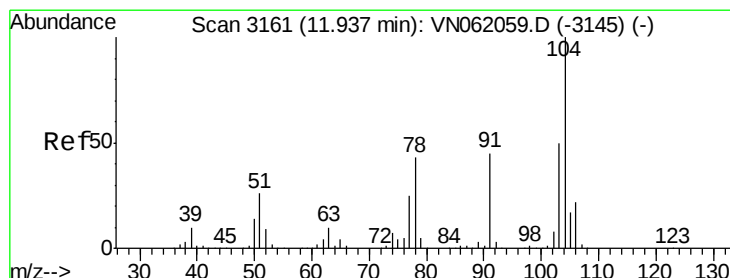
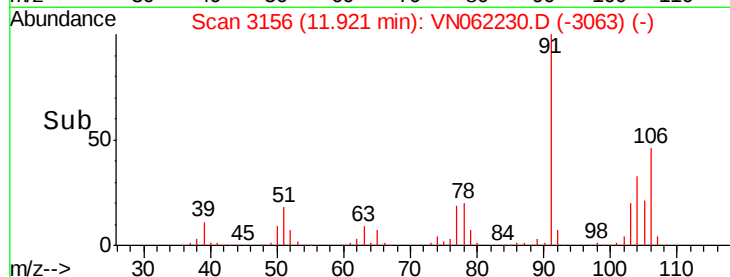
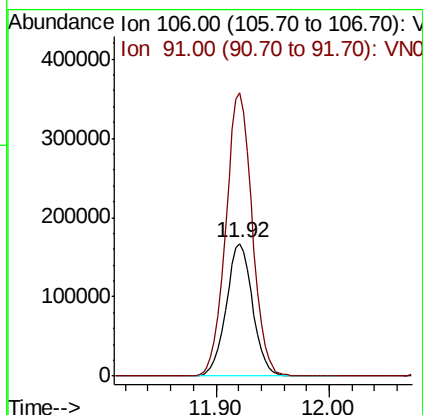
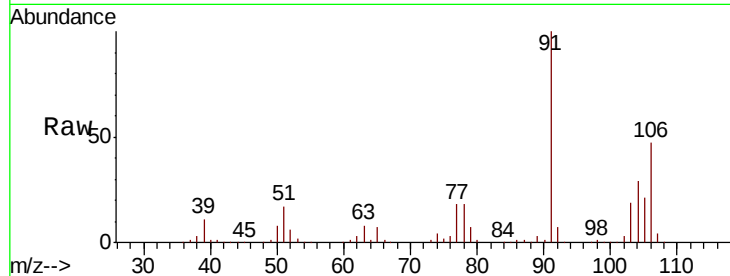




#69
o-Xylene
Concen: 52.311 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

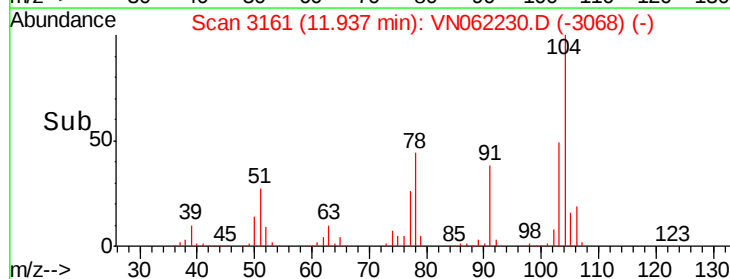
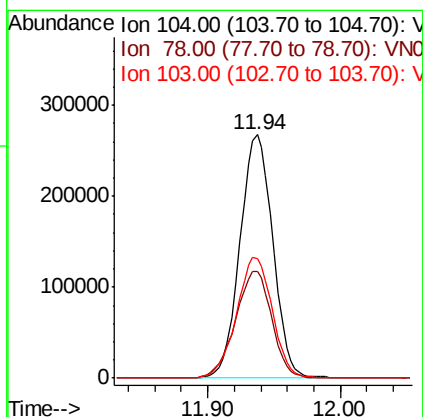
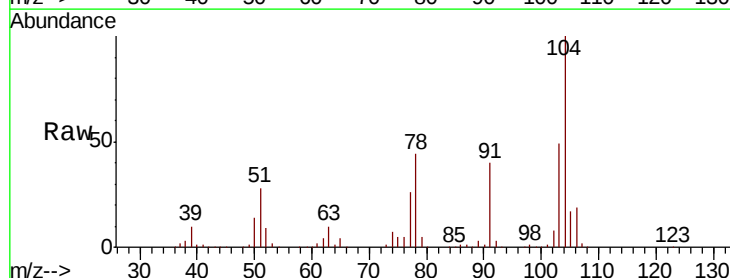
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

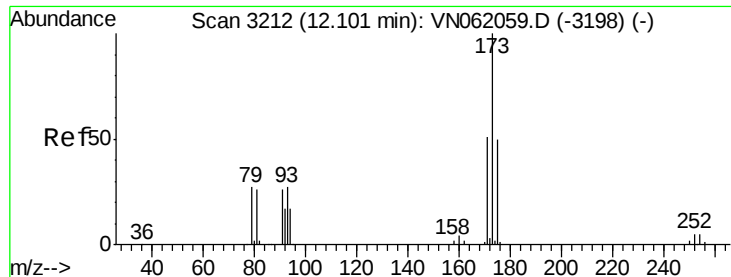
Tot Ion:106 Resp: 270687
Ion Ratio Lower Upper
106 100
91 213.4 104.0 311.9



#70
Styrene
Concen: 53.444 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion:104 Resp: 461213
Ion Ratio Lower Upper
104 100
78 48.5 37.7 56.5
103 54.0 43.0 64.6





#71

Bromoform

Concen: 50.345 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

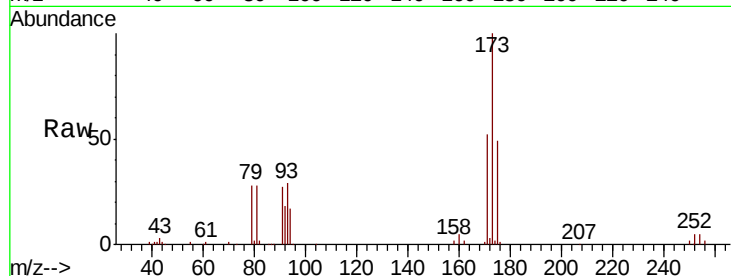
Tot Ion:173 Resp: 103920

Ion Ratio Lower Upper

173 100

175 48.8 24.7 74.1

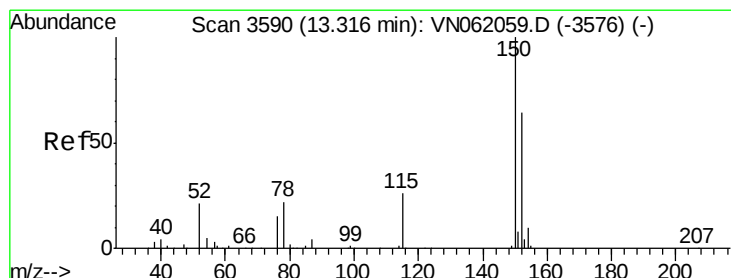
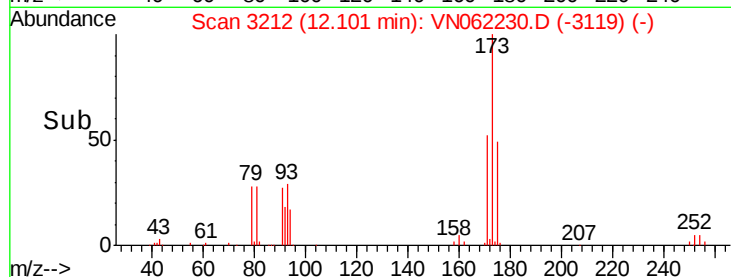
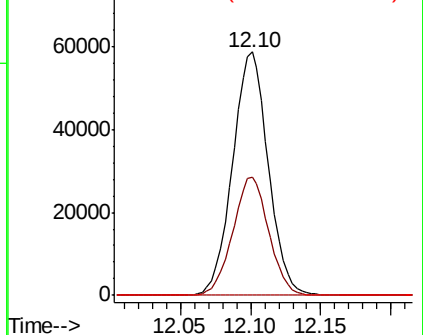
254 0.0 0.0 0.0



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# 3590

Delta R.T. 0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

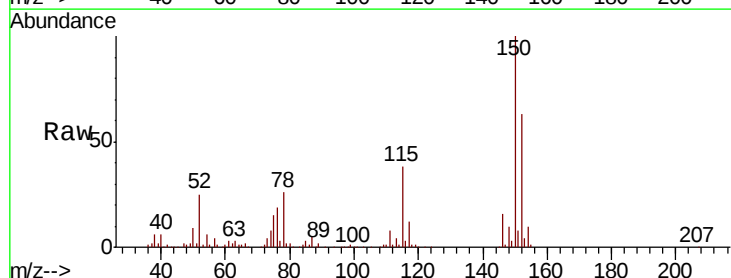
Tgt Ion:152 Resp: 182995

Ion Ratio Lower Upper

152 100

115 61.3 29.5 88.5

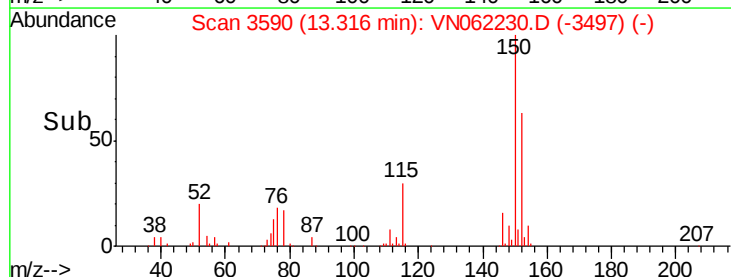
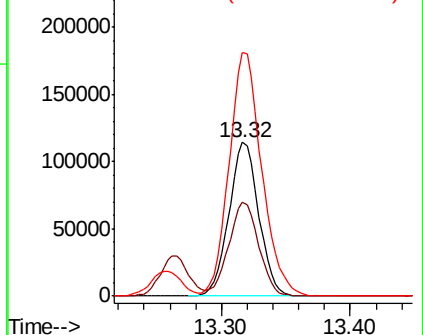
150 174.1 0.0 351.4

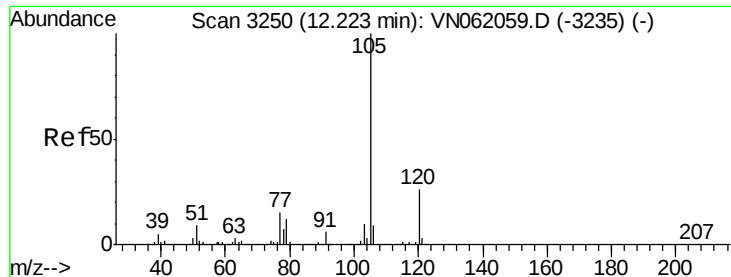


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.335 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

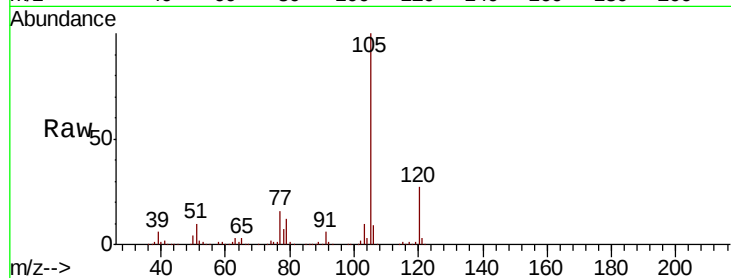
VSTDCCC050

Tot Ion:105 Resp: 713011

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

400000

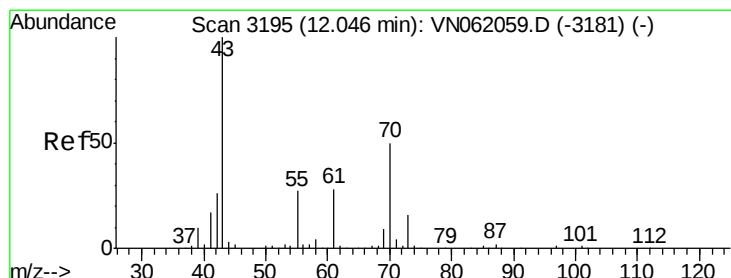
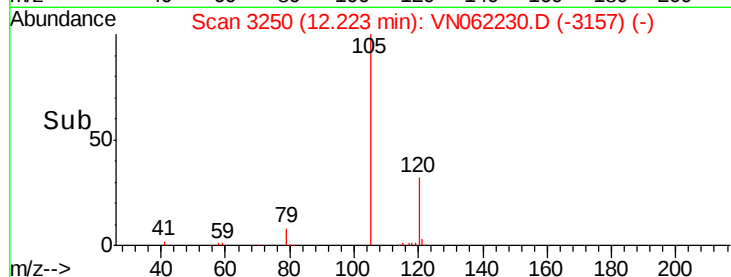
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 52.491 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Tgt Ion: 43 Resp: 274641

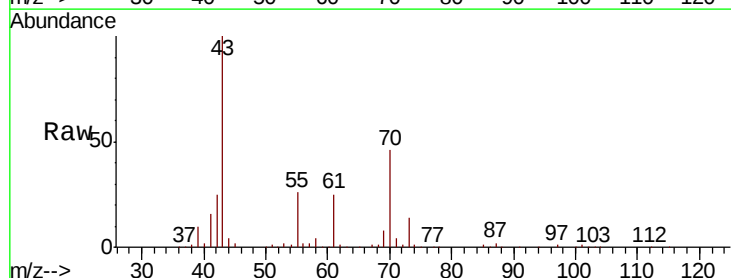
Ion Ratio Lower Upper

43 100

70 46.8 39.4 59.2

55 26.9 21.7 32.5

61 25.7 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

250000

200000

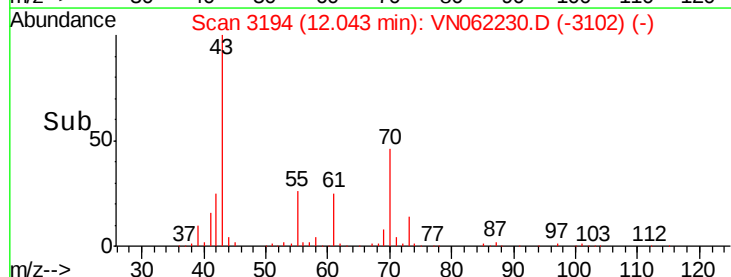
150000

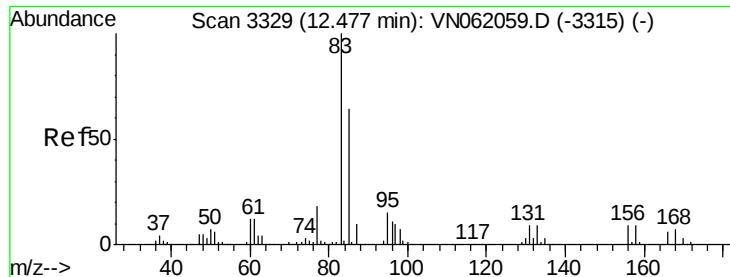
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.062 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. 0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

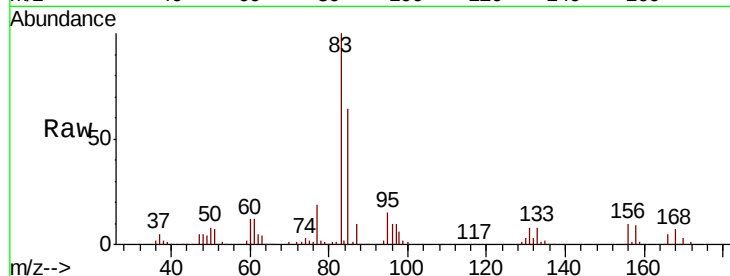
Tot Ion: 83 Resp: 235985

Ion Ratio Lower Upper

83 100

131 9.1 4.8 14.4

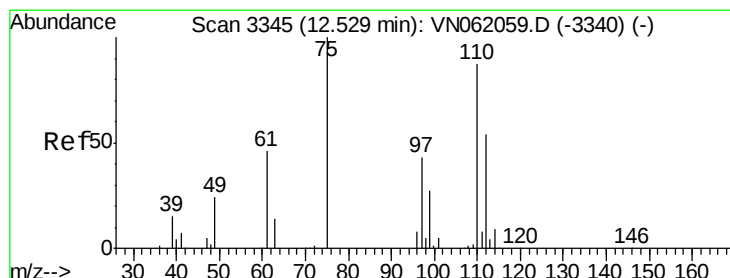
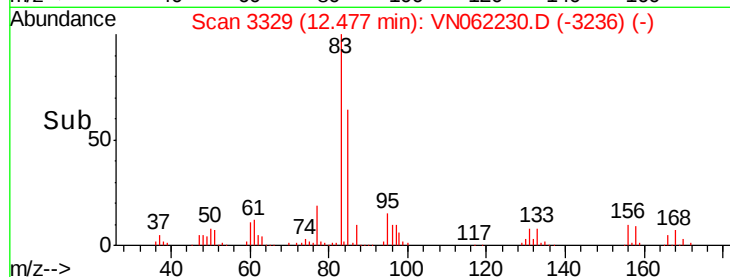
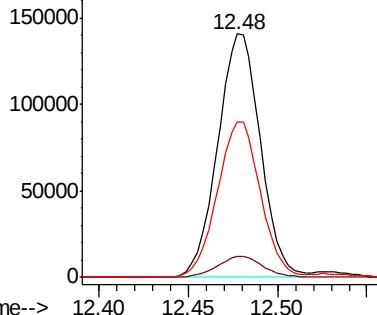
85 64.1 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062230.D (-3236) (-)

Ion 130.80 (130.50 to 131.50): VN062230.D (-3236) (-)

Ion 84.90 (84.60 to 85.60): VN062230.D (-3236) (-)



#76

1,2,3-Trichloropropane

Concen: 69.491 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062230.D

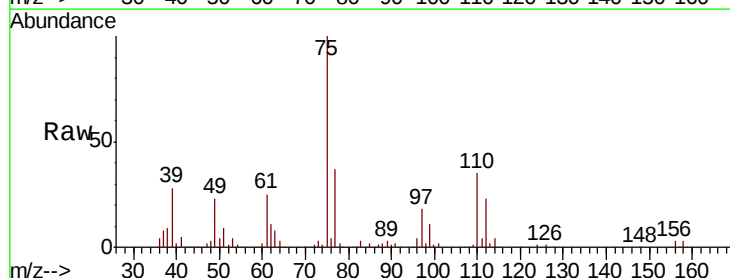
Acq: 30 Jun 2020 10:53

Tgt Ion: 75 Resp: 299355

Ion Ratio Lower Upper

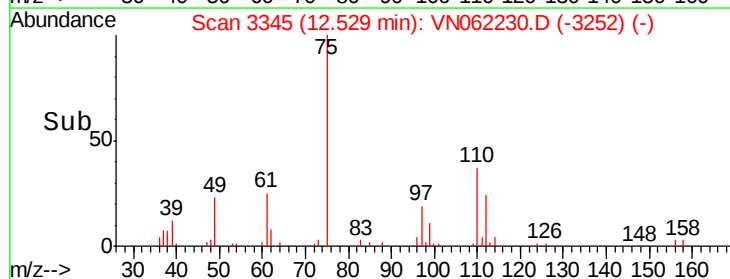
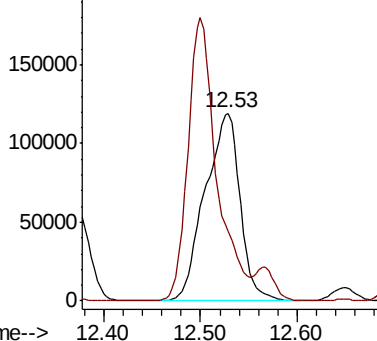
75 100

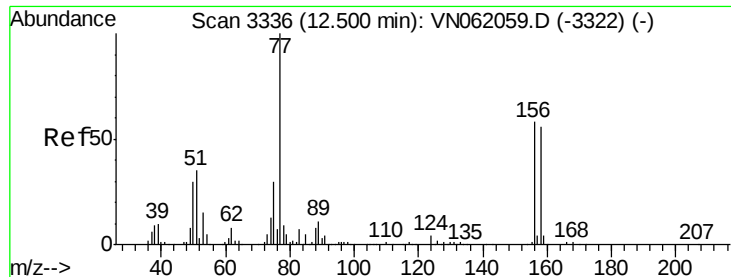
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062230.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062230.D (-3252) (-)





#77

Bromobenzene

Concen: 46.420 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

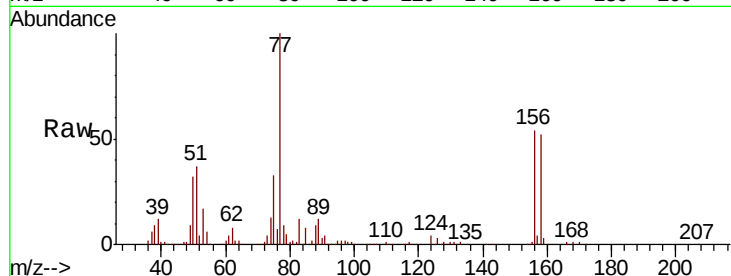
Tot Ion:156 Resp: 163249

Ion Ratio Lower Upper

156 100

77 227.7 104.6 313.8

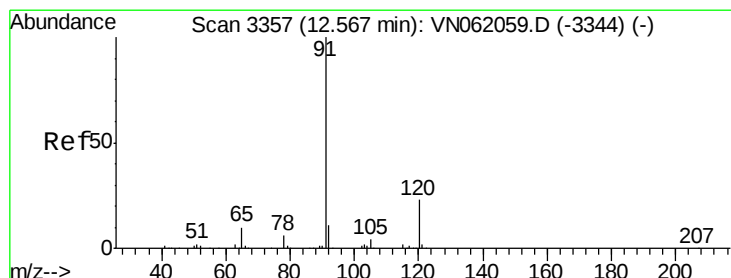
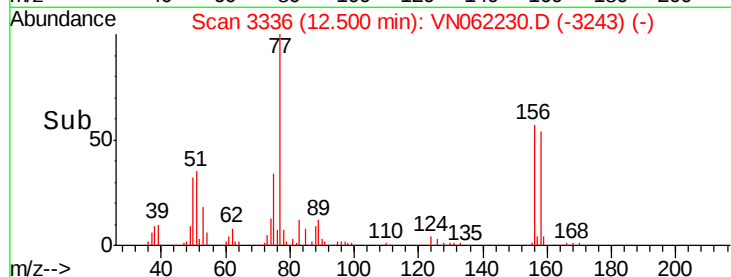
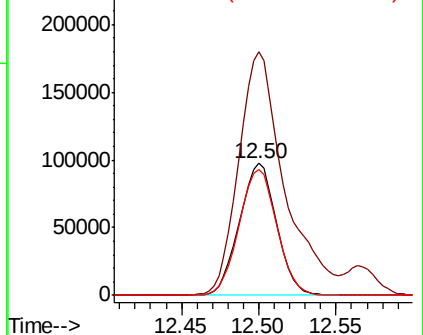
158 96.8 48.0 144.0



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: 52.594 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062230.D

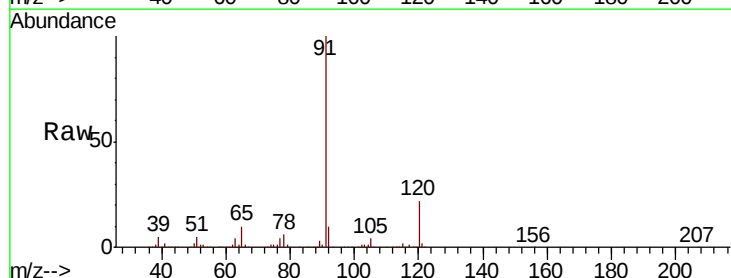
Acq: 30 Jun 2020 10:53

Tgt Ion: 91 Resp: 852179

Ion Ratio Lower Upper

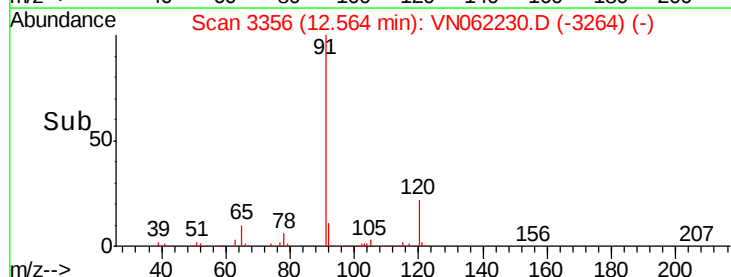
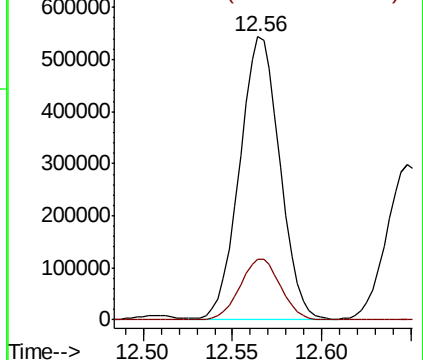
91 100

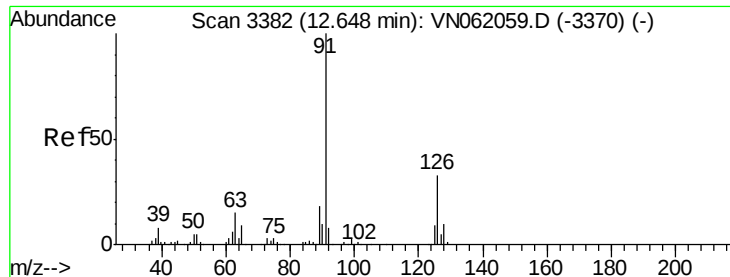
120 21.9 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

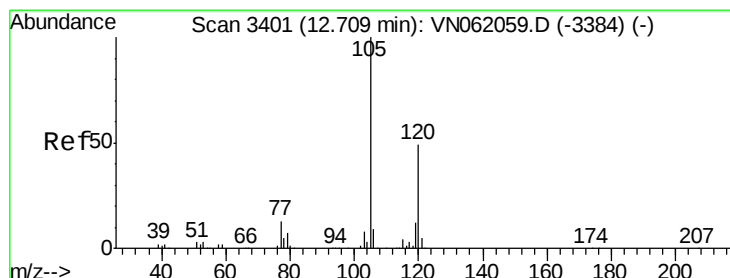
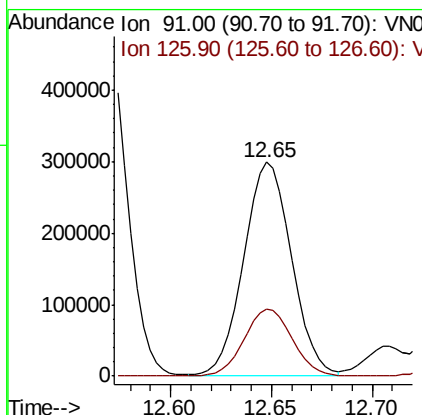
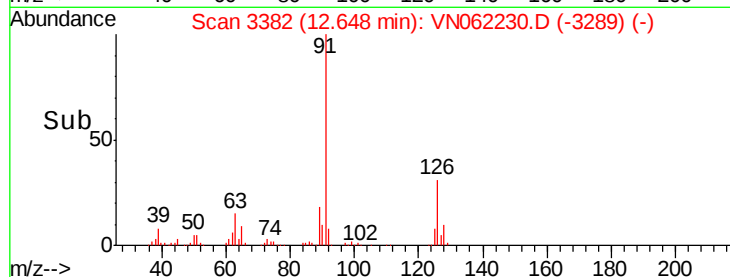
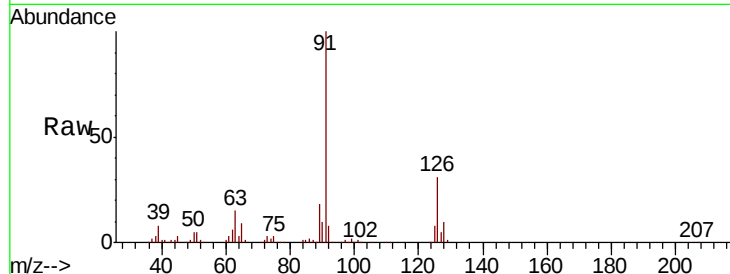




#79
 2-Chlorotoluene
 Concen: 50.362 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. 0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

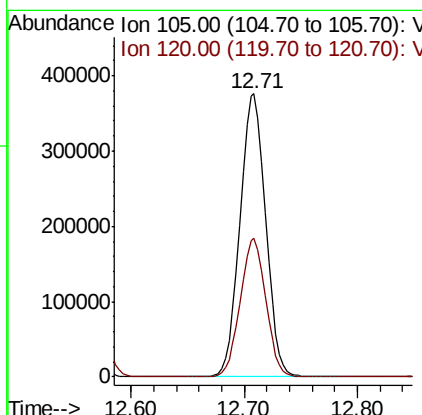
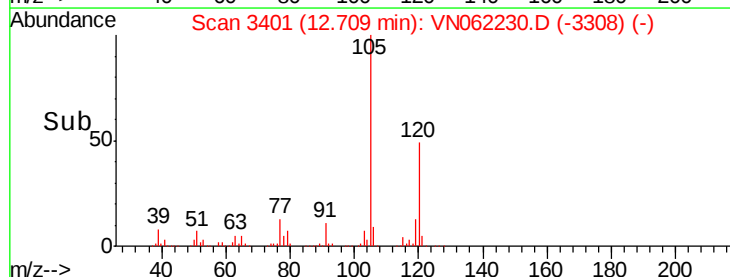
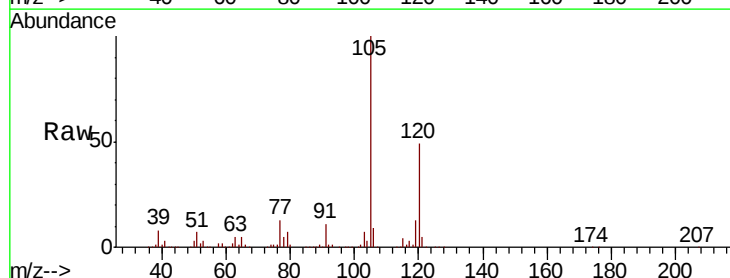
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

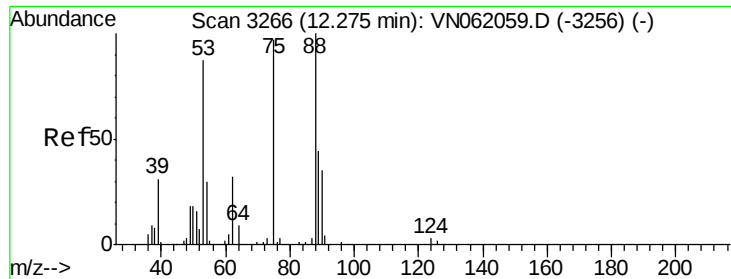
Tot Ion: 91 Resp: 493314
 Ion Ratio Lower Upper
 91 100
 126 32.0 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 51.859 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

Tgt Ion: 105 Resp: 595508
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 53.394 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

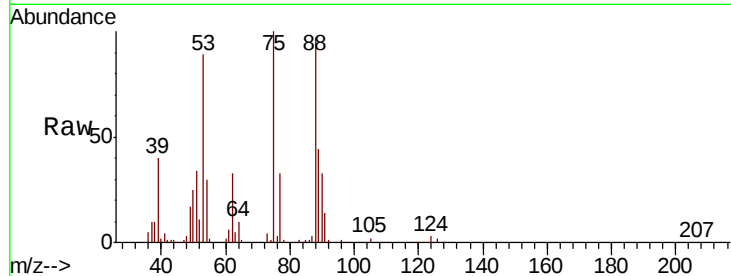
Tot Ion: 75 Resp: 78762

Ion Ratio Lower Upper

75 100

53 90.5 72.0 108.0

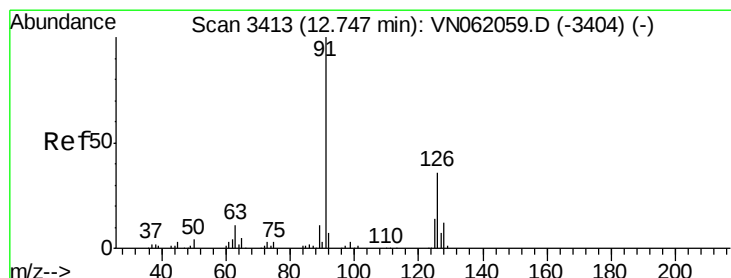
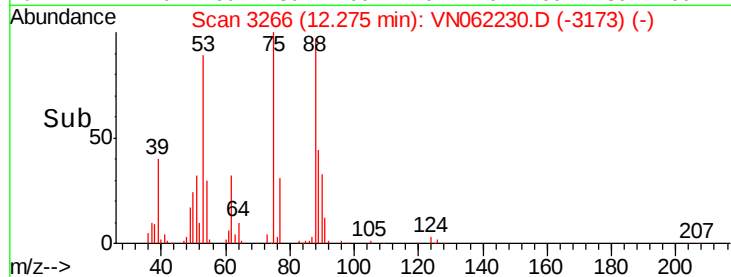
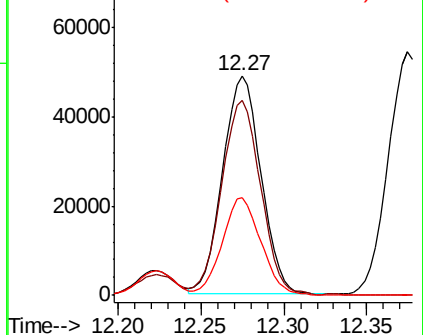
89 45.1 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 51.539 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062230.D

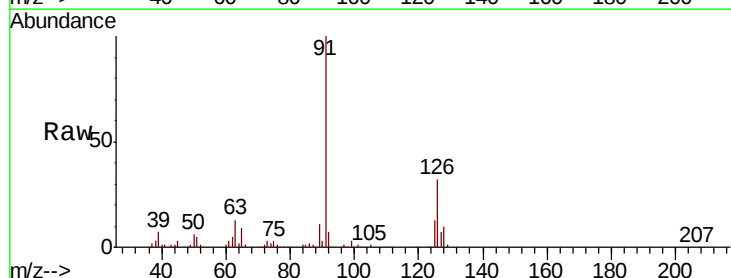
Acq: 30 Jun 2020 10:53

Tgt Ion: 91 Resp: 522065

Ion Ratio Lower Upper

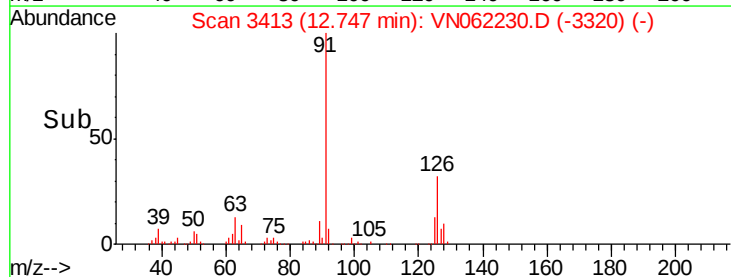
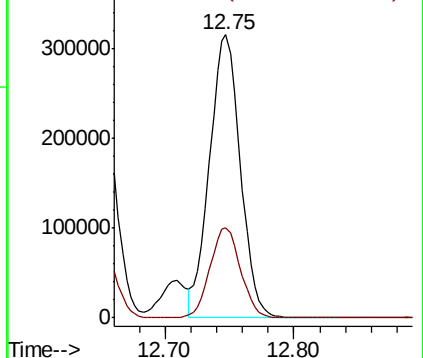
91 100

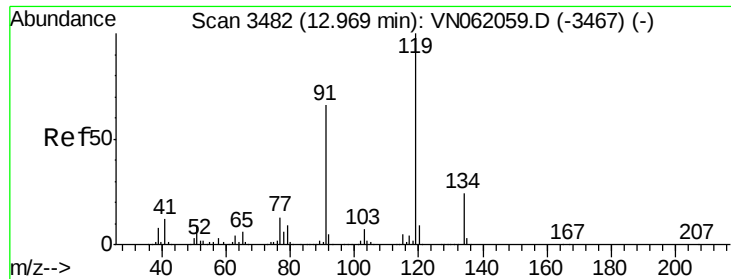
126 31.6 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

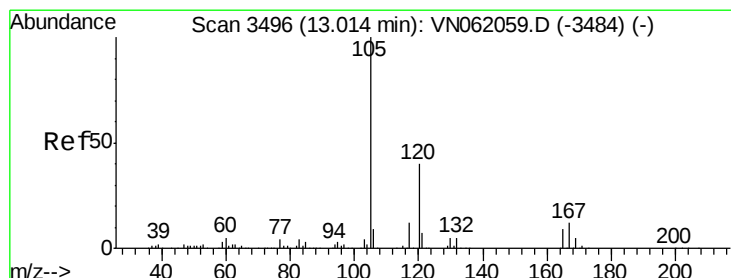
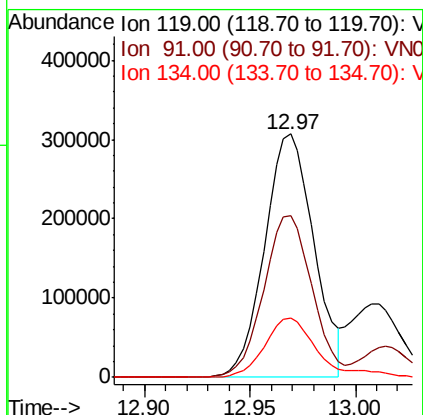
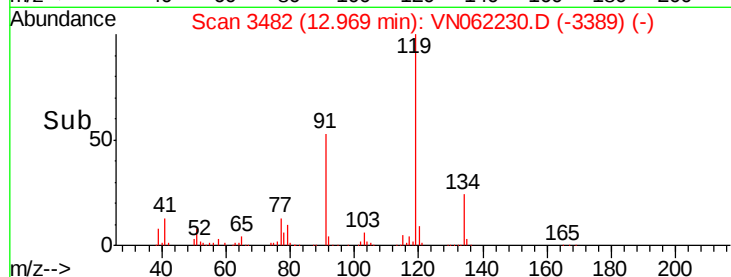
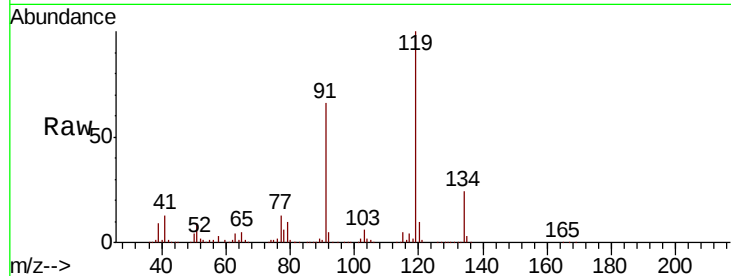




#83
tert-Butylbenzene
Concen: 50.682 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

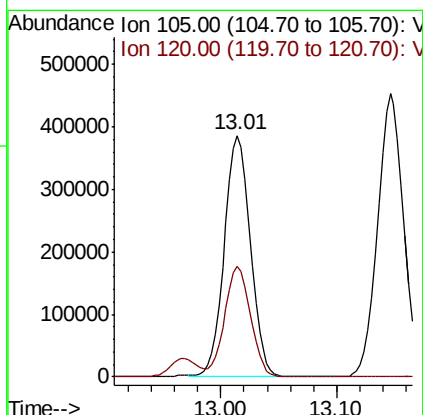
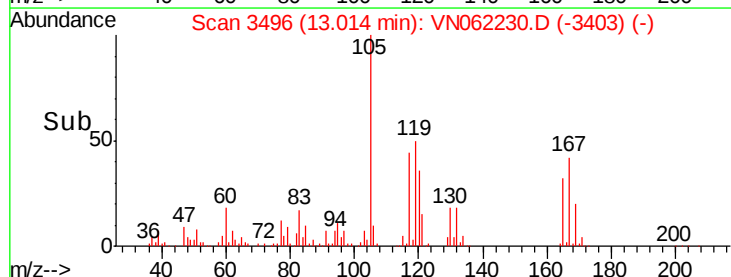
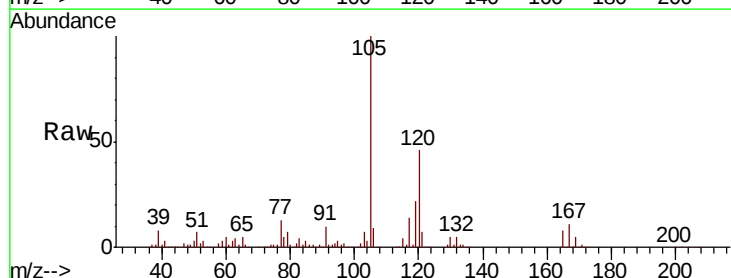
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

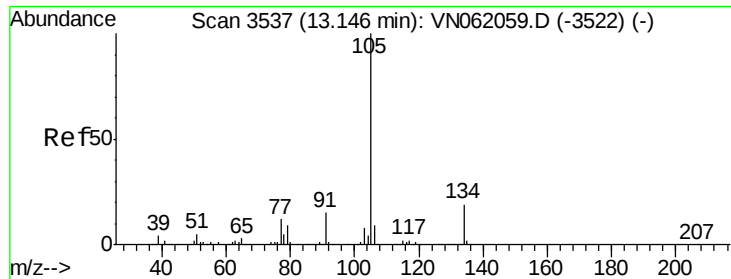
Tot Ion:119 Resp: 498068
Ion Ratio Lower Upper
119 100
91 65.3 31.7 95.1
134 24.5 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 52.574 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion:105 Resp: 602953
Ion Ratio Lower Upper
105 100
120 45.4 23.2 69.5





#85

sec-Butylbenzene

Concen: 54.555 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

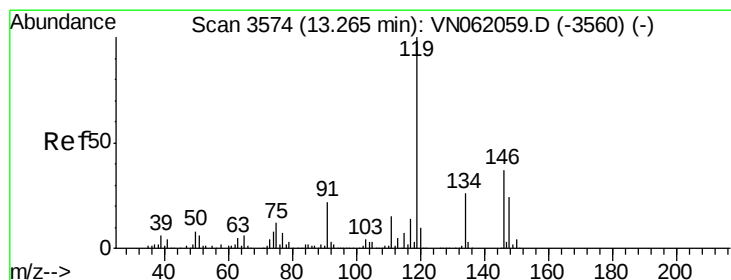
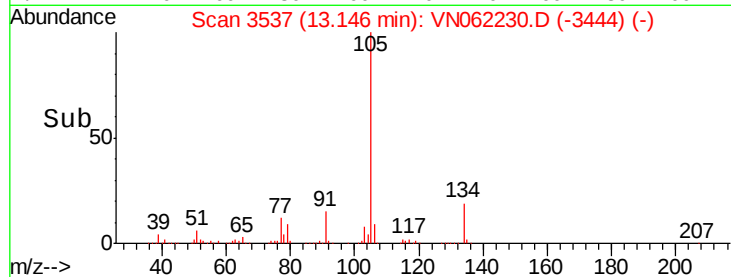
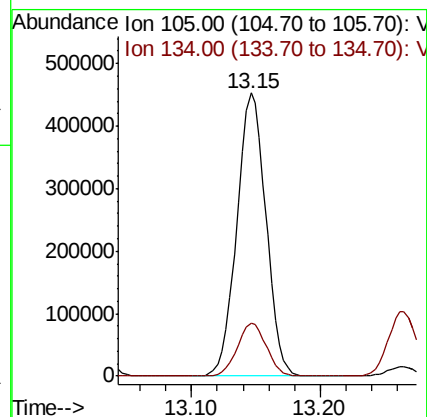
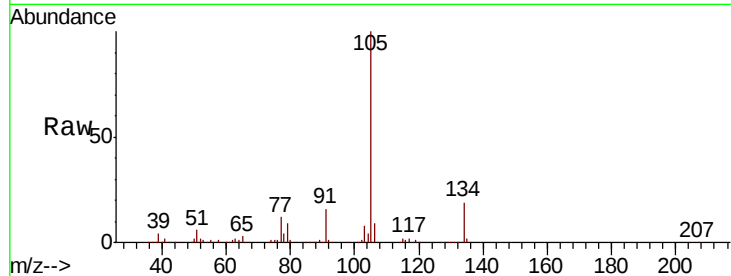
VSTDCCC050

Tot Ion:105 Resp: 708433

Ion Ratio Lower Upper

105 100

134 18.7 9.7 29.1



#86

p-Isopropyltoluene

Concen: 55.200 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

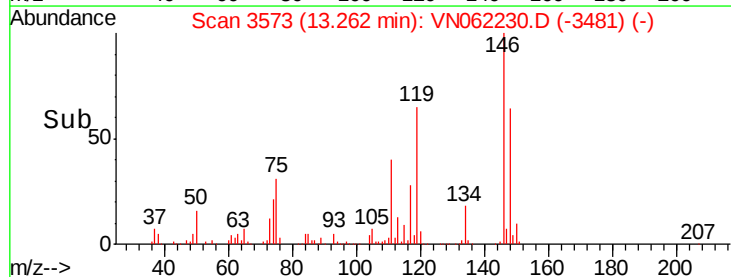
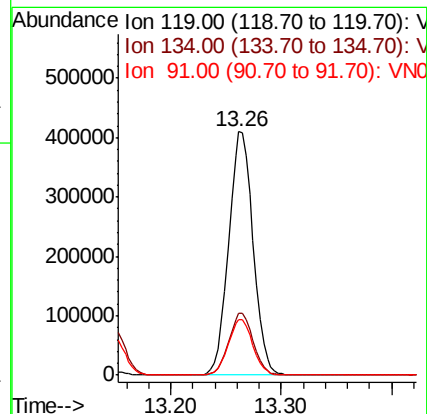
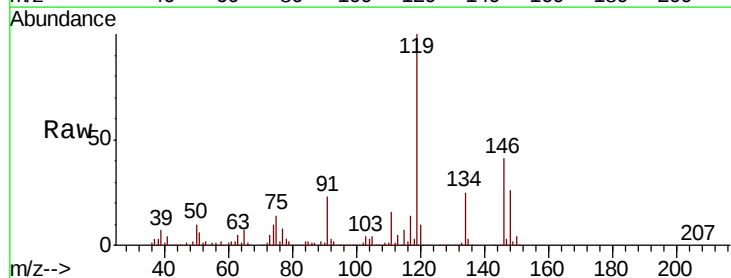
Tgt Ion:119 Resp: 628005

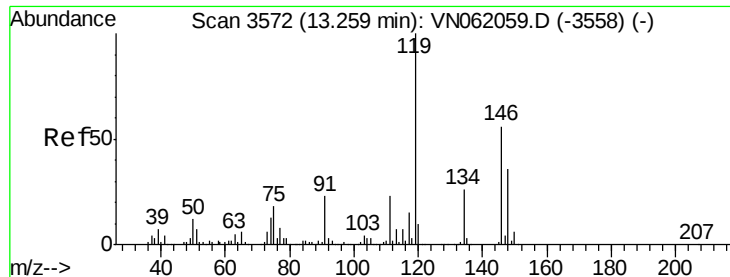
Ion Ratio Lower Upper

119 100

134 25.5 13.0 39.0

91 23.1 11.3 33.8

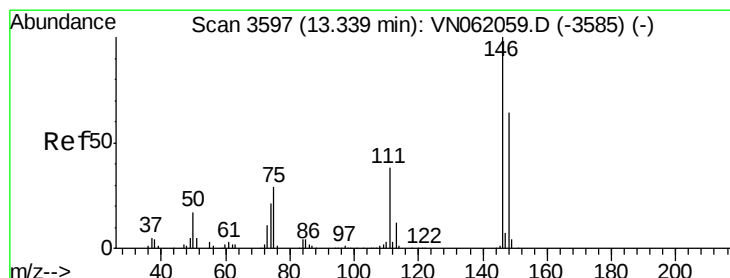
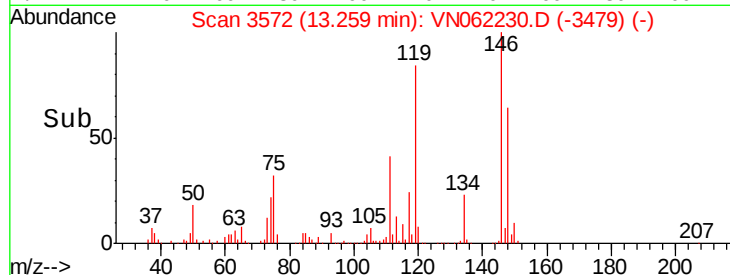
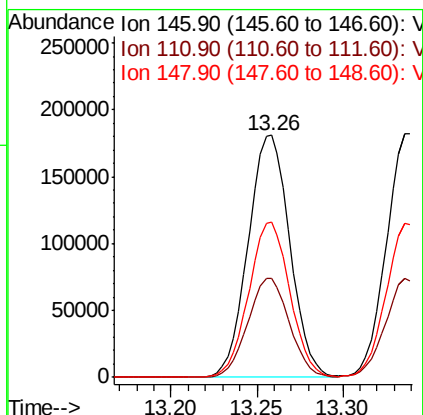
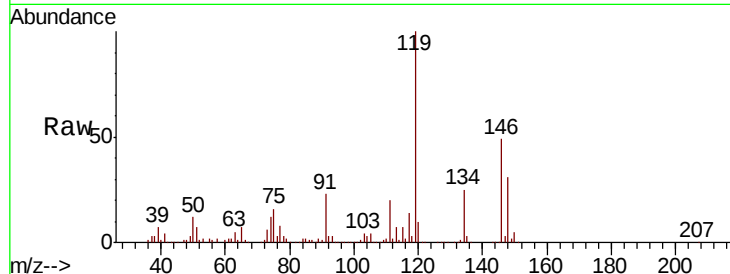




#87
 1,3-Dichlorobenzene
 Concen: 49.299 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

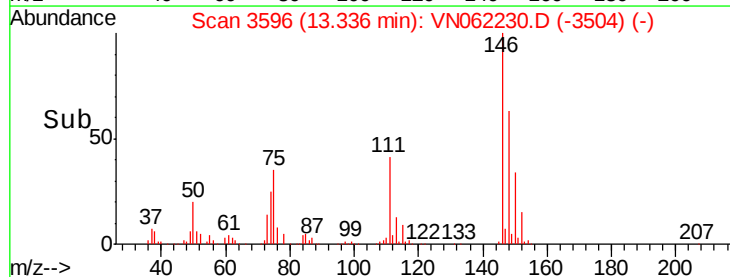
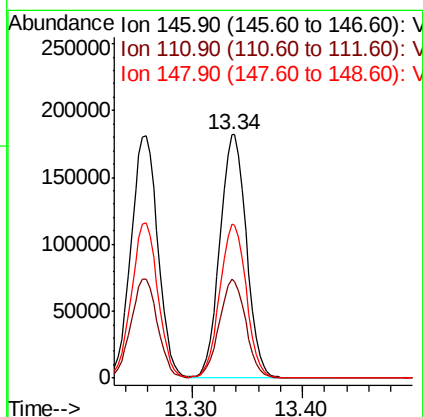
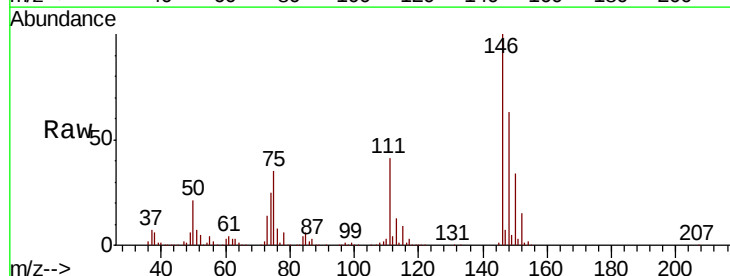
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

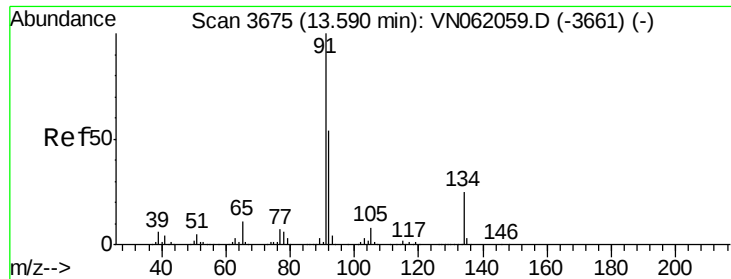
Tot Ion:146 Resp: 304446
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.3 61.0
 148 63.3 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 47.764 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

Tgt Ion:146 Resp: 304050
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.9 59.6
 148 62.9 31.9 95.9

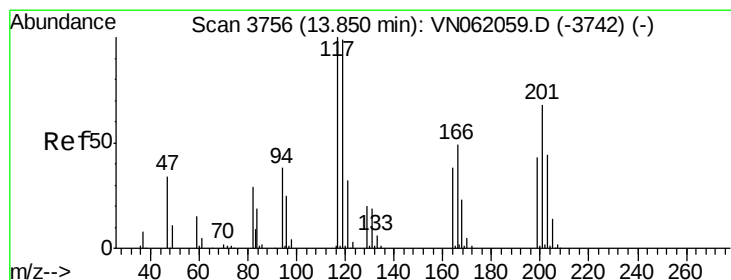
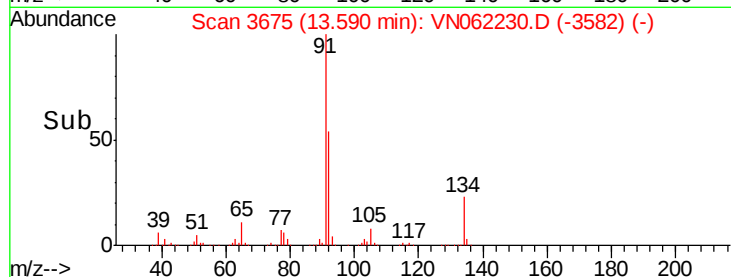
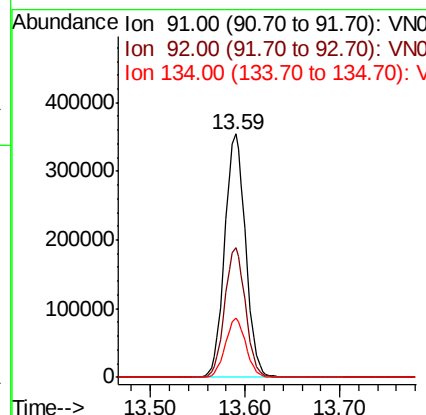
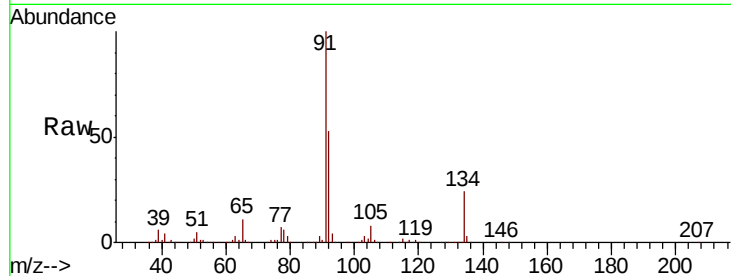




#89
n-Butylbenzene
Concen: 57.396 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

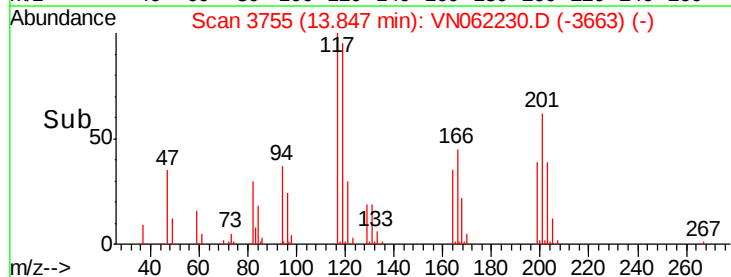
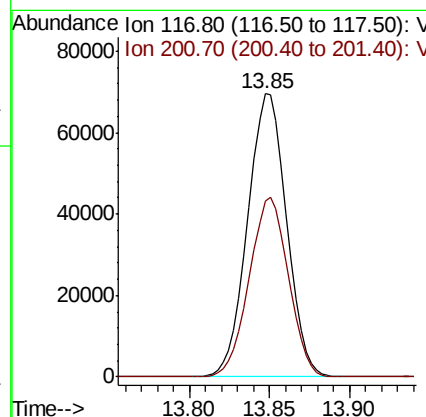
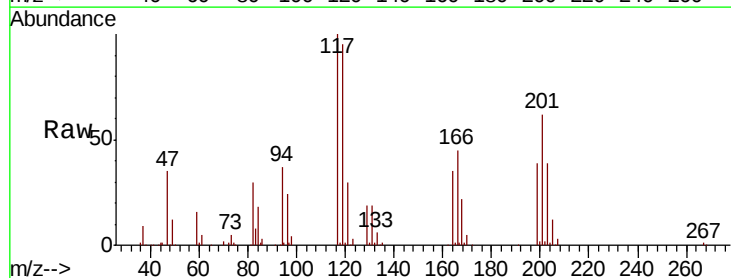
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

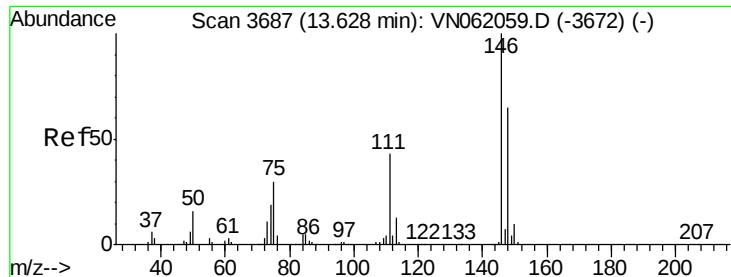
Tot Ion: 91 Resp: 542885
Ion Ratio Lower Upper
91 100
92 53.0 26.6 79.7
134 23.8 12.3 36.9



#90
Hexachloroethane
Concen: 51.710 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion: 117 Resp: 115423
Ion Ratio Lower Upper
117 100
201 63.9 32.7 98.1





#91

1,2-Dichlorobenzene

Concen: 49.014 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

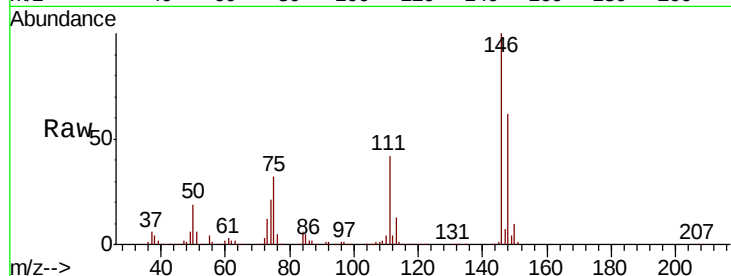
Tot Ion:146 Resp: 293514

Ion Ratio Lower Upper

146 100

111 43.2 21.2 63.6

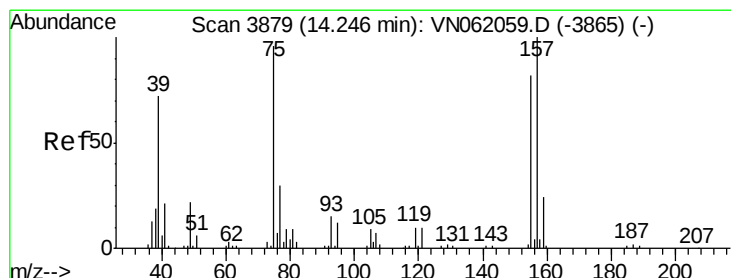
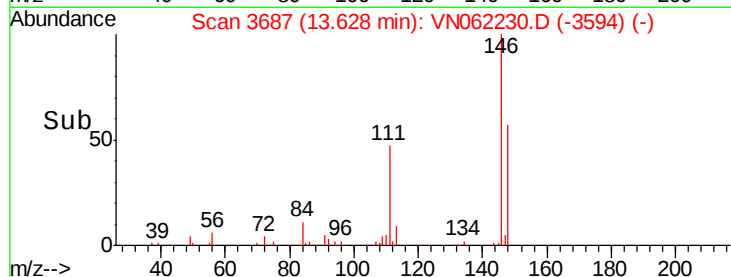
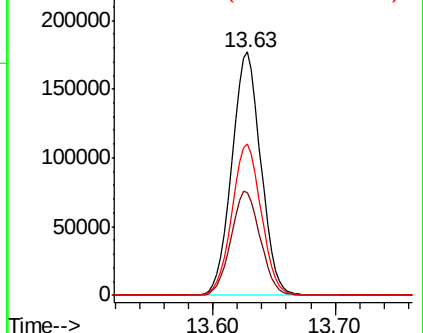
148 62.8 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.747 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.00 min

Lab File: VN062230.D

Acq: 30 Jun 2020 10:53

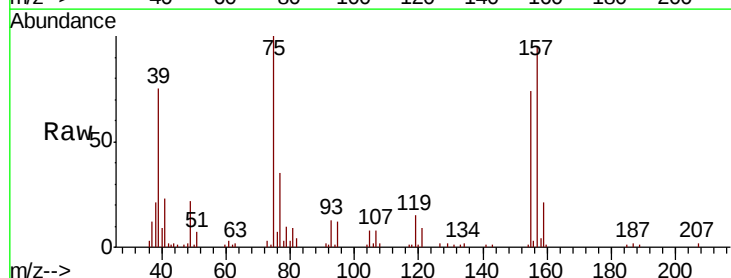
Tgt Ion: 75 Resp: 40586

Ion Ratio Lower Upper

75 100

155 76.1 40.8 122.4

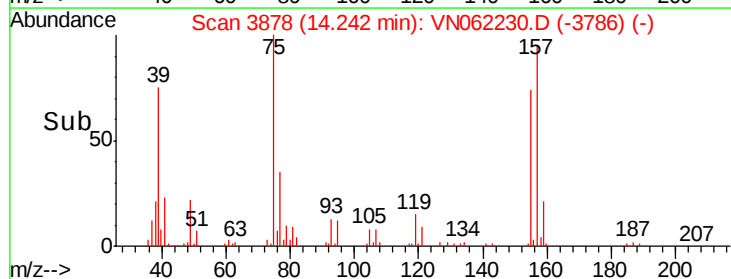
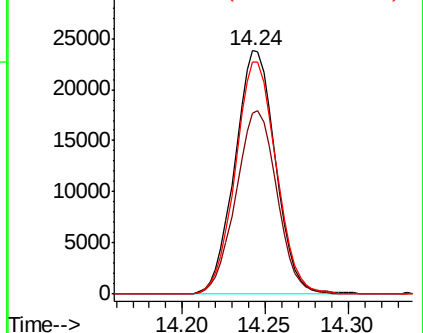
157 96.2 51.4 154.3

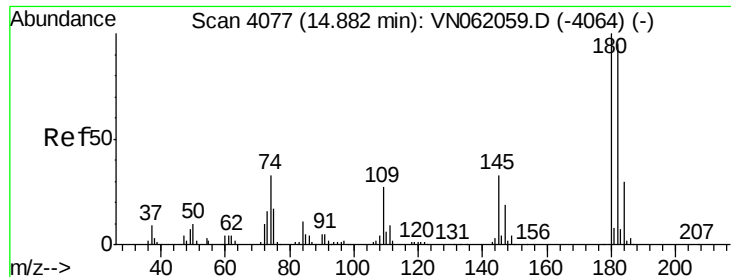


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

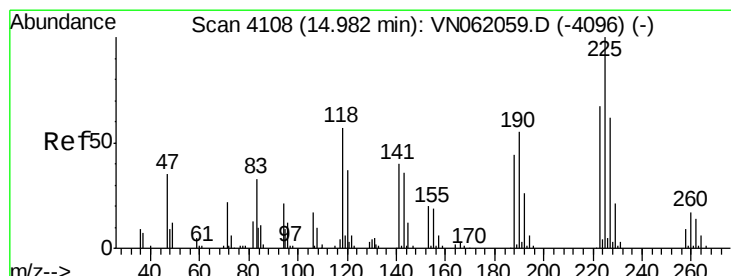
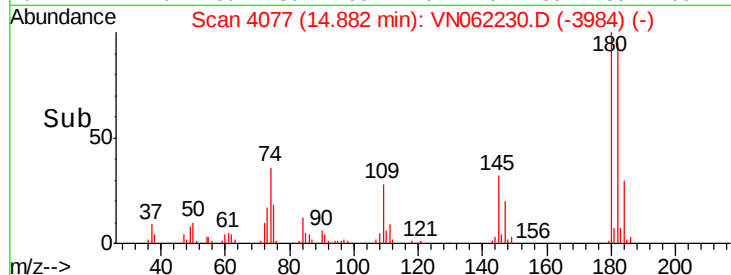
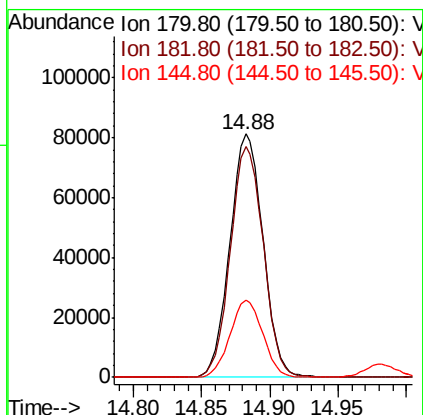
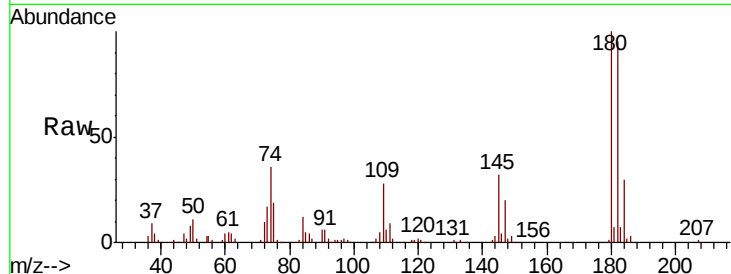




#93
 1,2,4-Trichlorobenzene
 Concen: 52.329 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

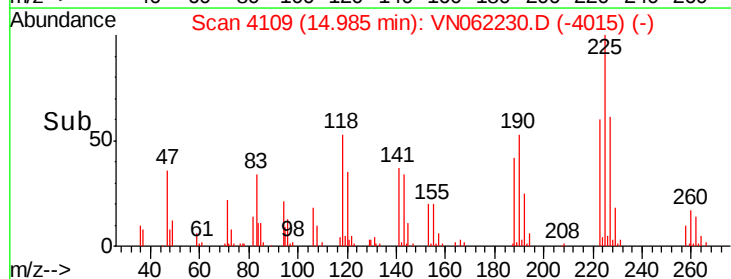
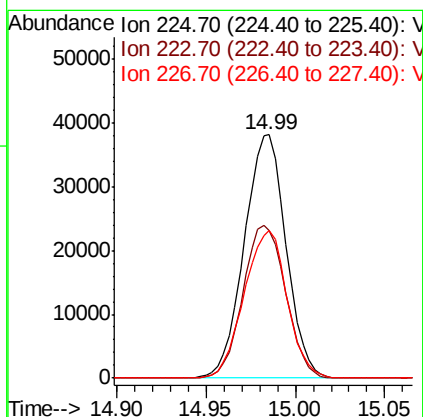
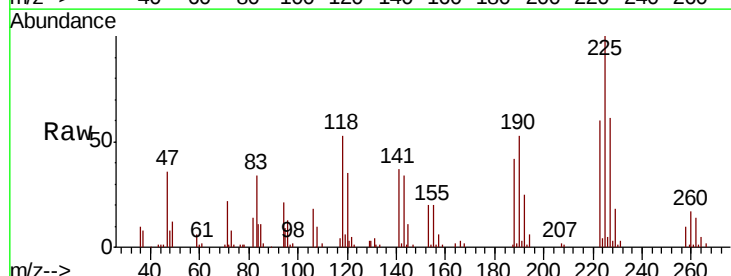
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

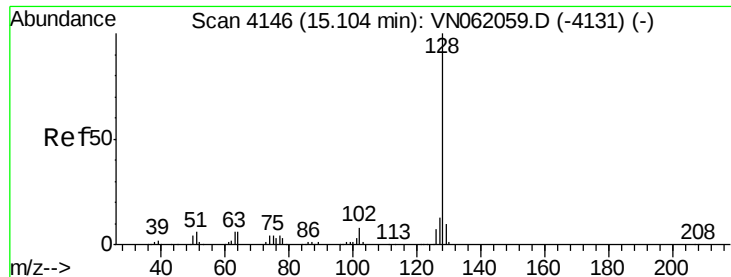
Tot Ion:180 Resp: 136894
 Ion Ratio Lower Upper
 180 100
 182 94.6 48.0 144.2
 145 31.5 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 54.813 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062230.D
 Acq: 30 Jun 2020 10:53

Tgt Ion:225 Resp: 62280
 Ion Ratio Lower Upper
 225 100
 223 64.1 32.9 98.7
 227 62.3 31.3 93.8

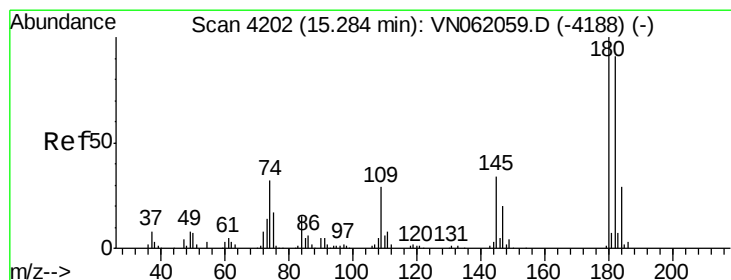
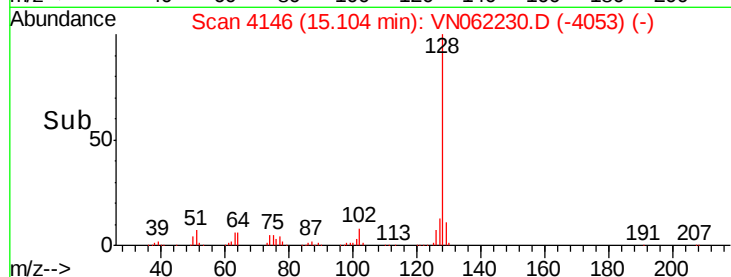
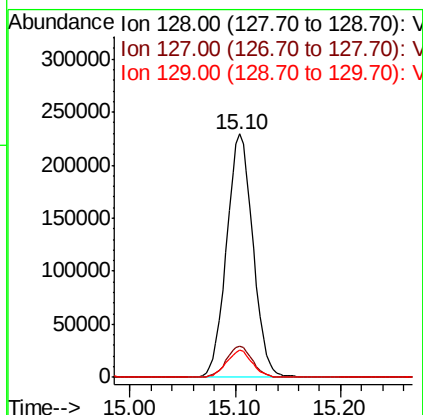
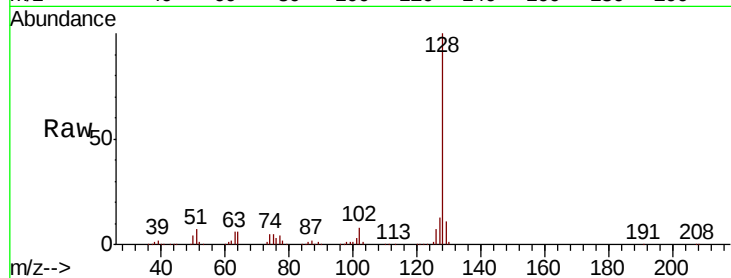




#95
Naphthalene
Concen: 45.861 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 396887
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.630 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062230.D
Acq: 30 Jun 2020 10:53

Tgt Ion:180 Resp: 135432
Ion Ratio Lower Upper
180 100
182 95.6 46.8 140.4
145 33.6 16.4 49.2

