

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062874.D
 Acq On : 12 Aug 2020 22:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 13 05:25:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	159134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	258305	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	246071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	123544	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	132117	50.20	ug/l	0.00
Spiked Amount			Recovery	=	100.40%	
35) Dibromofluoromethane	7.55	113	89932	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	
50) Toluene-d8	10.06	98	347096	50.32	ug/l	0.00
Spiked Amount			Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.38	95	132685	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	95682	41.989	ug/l	100
3) Chloromethane	2.03	50	85727	39.866	ug/l	98
4) Vinyl Chloride	2.16	62	86092	42.686	ug/l	100
5) Bromomethane	2.50	94	63336	47.438	ug/l	99
6) Chloroethane	2.65	64	71132	53.609	ug/l	97
7) Trichlorofluoromethane	2.97	101	167655	46.617	ug/l	97
8) Diethyl Ether	3.37	74	45026	43.733	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.71	101	65000	44.720	ug/l	98
10) Methyl Iodide	3.91	142	83721	48.029	ug/l	98
11) Tert butyl alcohol	4.74	59	93127	215.917	ug/l	100
12) 1,1-Dichloroethene	3.69	96	58673	43.134	ug/l	95
13) Acrolein	3.57	56	48454	185.545	ug/l	100
14) Allyl chloride	4.27	41	102732	36.873	ug/l	98
15) Acrylonitrile	4.93	53	217733	217.651	ug/l	100
16) Acetone	3.78	43	188411	198.142	ug/l	99
17) Carbon Disulfide	4.01	76	158039	40.905	ug/l	98
18) Methyl Acetate	4.28	43	99414	44.069	ug/l	96
19) Methyl tert-butyl Ether	5.00	73	281549	45.666	ug/l	99
20) Methylene Chloride	4.50	84	78408	44.981	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	65728	41.274	ug/l	93
22) Diisopropyl ether	5.90	45	256637	43.270	ug/l	96
23) Vinyl Acetate	5.84	43	891532	197.624	ug/l	97
24) 1,1-Dichloroethane	5.80	63	145049	41.732	ug/l	100
25) 2-Butanone	6.79	43	280152	208.021	ug/l	96
26) 2,2-Dichloropropane	6.78	77	99761	31.138	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	81026	42.415	ug/l	94
28) Bromochloromethane	7.15	49	77470	46.183	ug/l	97
29) Tetrahydrofuran	7.17	42	185230	211.706	ug/l	96
30) Chloroform	7.33	83	161911	43.833	ug/l	99
31) Cyclohexane	7.62	56	126284	39.581	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	144347	43.708	ug/l	98
36) 1,1-Dichloropropene	7.75	75	103103	40.993	ug/l	98
37) Ethyl Acetate	6.88	43	105999	40.345	ug/l	100
38) Carbon Tetrachloride	7.73	117	126030	42.368	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	124563	41.153	ug/l	97
40) Benzene	8.00	78	314585	41.915	ug/l	98
41) Methacrylonitrile	7.17	41	171947	145.035	ug/l #	6
42) 1,2-Dichloroethane	8.08	62	135433	42.397	ug/l	100
43) Isopropyl Acetate	8.13	43	174257	39.764	ug/l	98
44) Trichloroethene	8.80	130	77790	42.542	ug/l	99
45) 1,2-Dichloropropane	9.09	63	86219	42.445	ug/l	95
46) Dibromomethane	9.18	93	58758	44.148	ug/l	98
47) Bromodichloromethane	9.37	83	134812	45.099	ug/l	99
48) Methyl methacrylate	9.17	41	87493	40.591	ug/l	96
49) 1,4-Dioxane	9.17	88	37324	934.504	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	604537	213.211	ug/l	98
52) Toluene	10.13	92	206498	44.562	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	137555	41.835	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	138553	41.970	ug/l	95
55) 1,1,2-Trichloroethane	10.54	97	85974	43.441	ug/l	97
56) Ethyl methacrylate	10.40	69	136018	45.660	ug/l	98
57) 1,3-Dichloropropane	10.68	76	148213	44.075	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	173683	206.264	ug/l	98
59) 2-Hexanone	10.72	43	457165	216.149	ug/l	99
60) Dibromochloromethane	10.88	129	104137	46.109	ug/l	97
61) 1,2-Dibromoethane	10.98	107	87673	44.894	ug/l	99
64) Tetrachloroethene	10.60	164	68170	42.937	ug/l	96
65) Chlorobenzene	11.41	112	223904	43.529	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	93856	45.437	ug/l	98
67) Ethyl Benzene	11.49	91	410822	44.631	ug/l	98
68) m/p-Xylenes	11.60	106	305377	91.393	ug/l	98
69) o-Xylene	11.92	106	146529	46.795	ug/l	99
70) Styrene	11.94	104	262029	47.607	ug/l	98
71) Bromoform	12.10	173	76361	45.182	ug/l #	98
73) Isopropylbenzene	12.23	105	411949	44.282	ug/l	100
74) N-amyl acetate	12.05	43	163391	43.341	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	134048	40.933	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	180962	54.313	ug/l #	100
77) Bromobenzene	12.50	156	100028	43.275	ug/l	94
78) n-propylbenzene	12.57	91	474765	43.476	ug/l	99
79) 2-Chlorotoluene	12.65	91	293149	42.808	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	370024	45.848	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	43275	39.650	ug/l	97
82) 4-Chlorotoluene	12.75	91	307118	43.520	ug/l	99
83) tert-Butylbenzene	12.97	119	309187	45.275	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	363812	47.120	ug/l	100
85) sec-Butylbenzene	13.15	105	400290	44.635	ug/l	100
86) p-Isopropyltoluene	13.26	119	363624	45.679	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	180015	43.594	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	177982	42.974	ug/l	99
89) n-Butylbenzene	13.59	91	286620	42.573	ug/l	99
90) Hexachloroethane	13.85	117	72461	42.230	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	176571	45.610	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	31147	44.302	ug/l	98

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QLast Update : Wed Aug 05 13:26:42 2020
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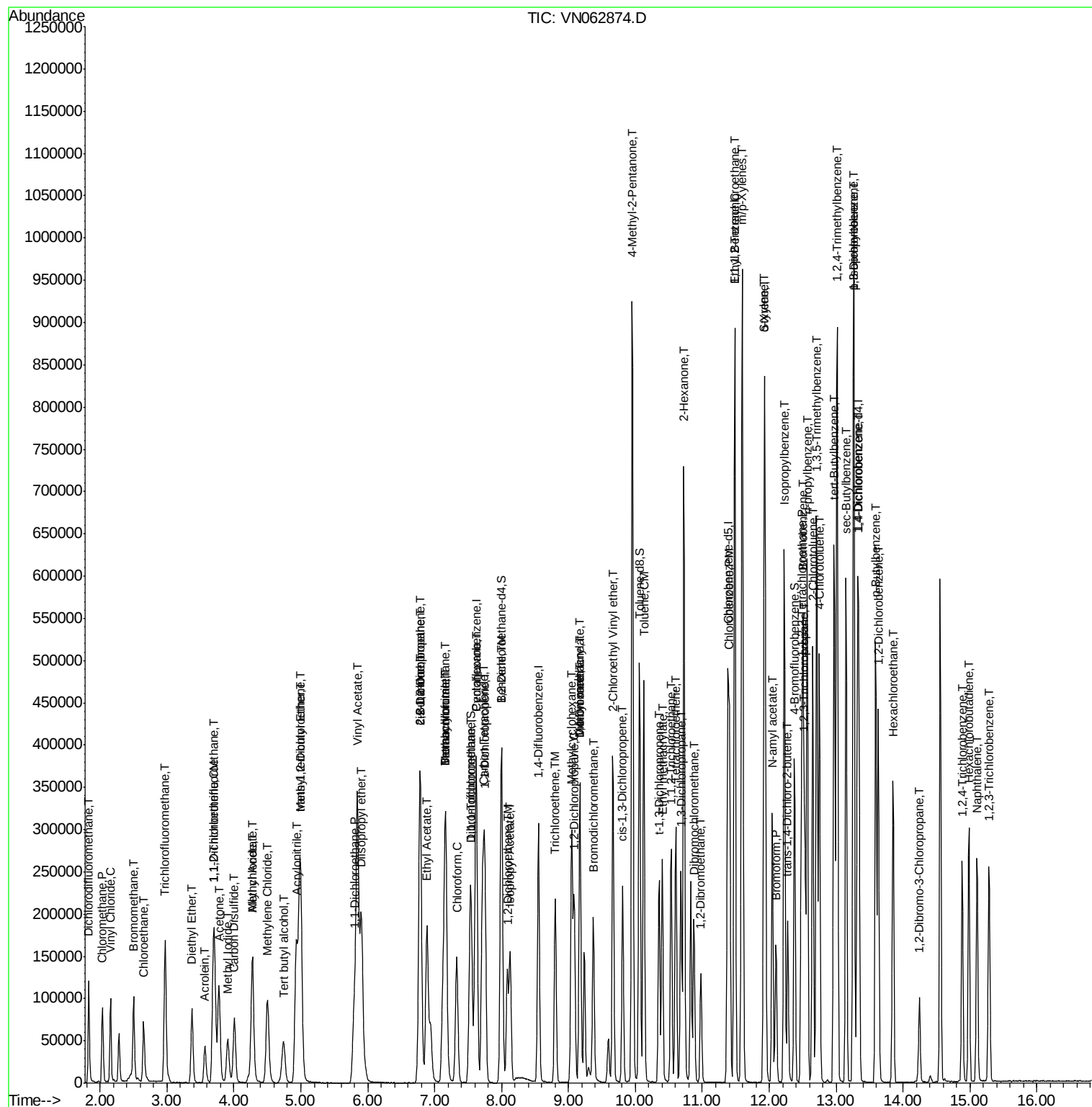
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	82205	40.233	ug/l	97
94) Hexachlorobutadiene	14.99	225	57053	46.720	ug/l	97
95) Naphthalene	15.10	128	220766	39.697	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	84316	41.631	ug/l	98

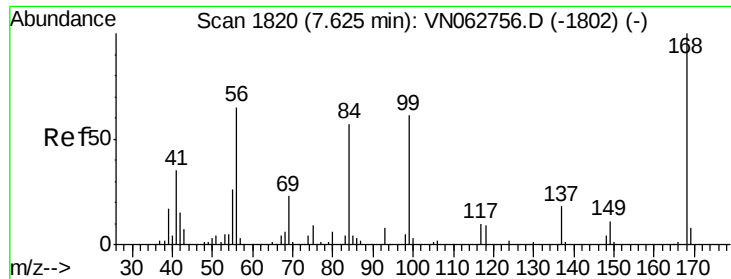
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081220\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

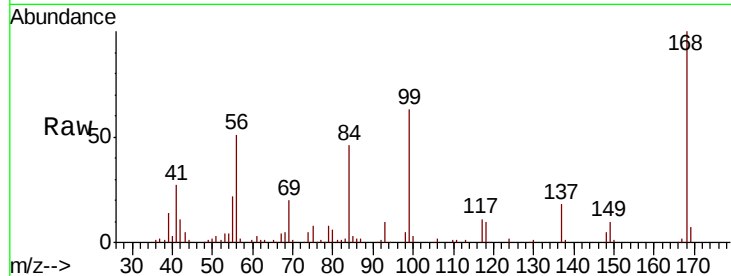
VSTDCCC050

Tot Ion:168 Resp: 159134

Ion Ratio Lower Upper

168 100

99 62.4 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

60000

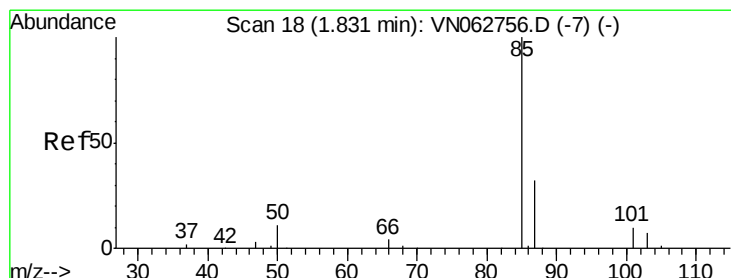
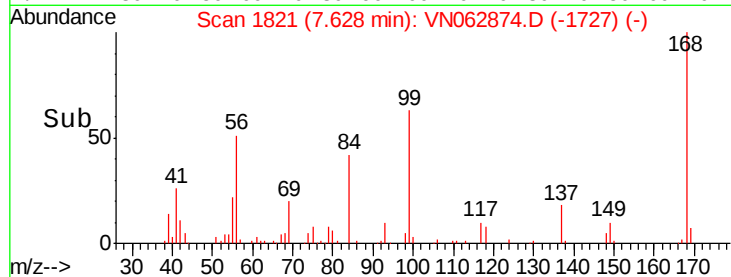
40000

20000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 41.989 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062874.D

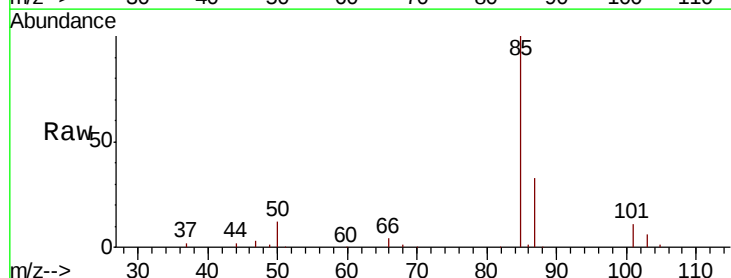
Acq: 12 Aug 2020 22:40

Tgt Ion: 85 Resp: 95682

Ion Ratio Lower Upper

85 100

87 32.7 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

60000

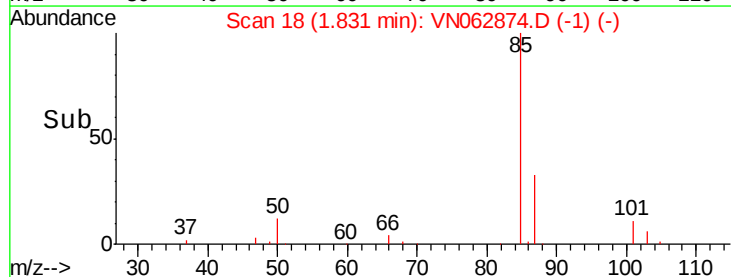
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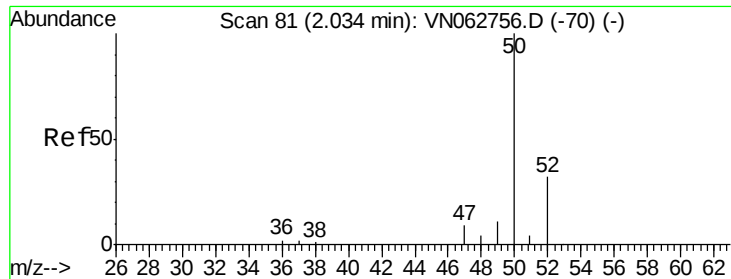
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1.75 1.80 1.85 1.90 1.95

Time-->

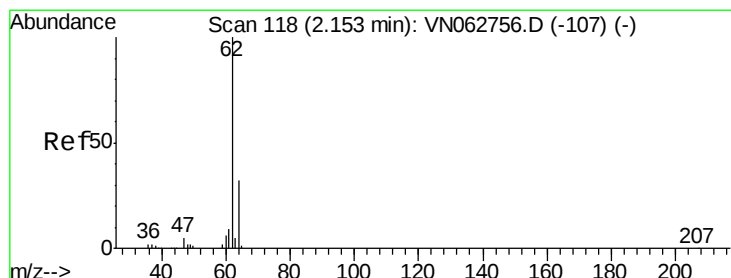
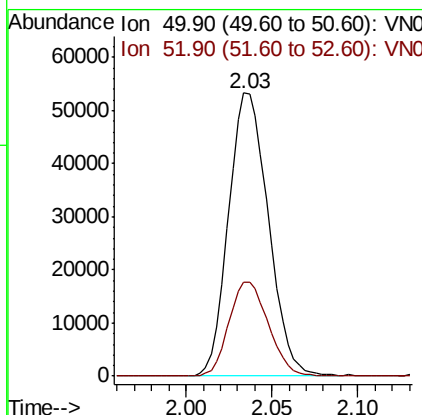
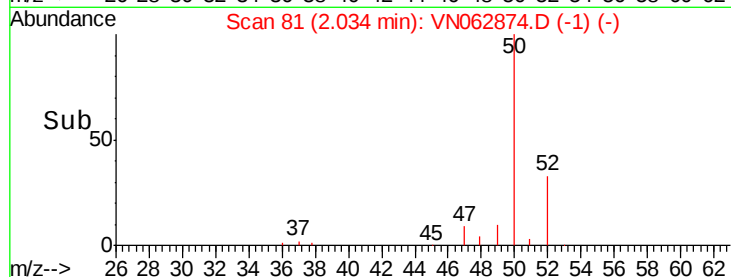
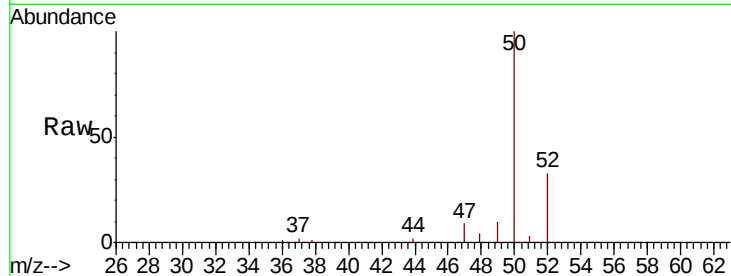




#3
Chloromethane
Concen: 39.866 ug/l
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN062874.D
Acq: 12 Aug 2020 22:40

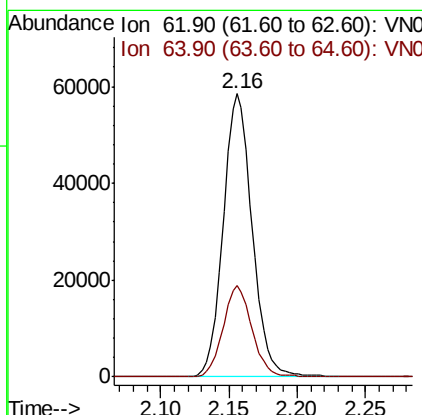
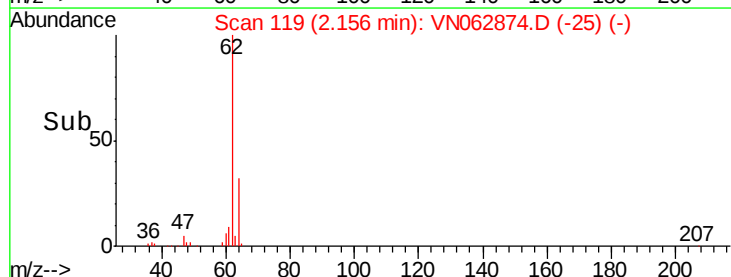
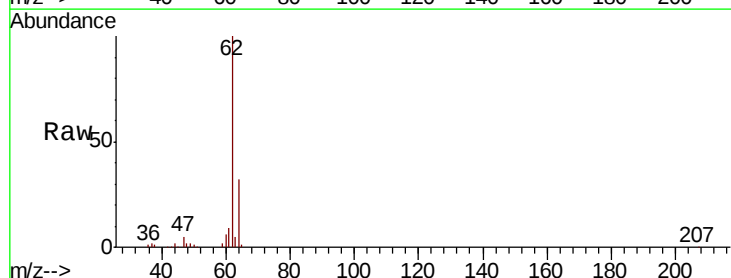
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

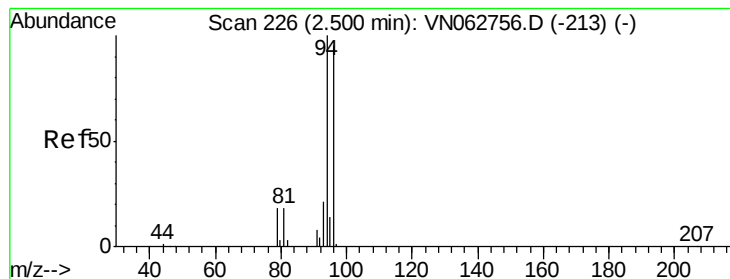
Tot Ion: 50 Resp: 85727
Ion Ratio Lower Upper
50 100
52 33.3 25.6 38.4



#4
Vinyl Chloride
Concen: 42.686 ug/l
RT: 2.16 min Scan# 119
Delta R.T. 0.00 min
Lab File: VN062874.D
Acq: 12 Aug 2020 22:40

Tgt Ion: 62 Resp: 86092
Ion Ratio Lower Upper
62 100
64 32.1 25.8 38.8





#5

Bromomethane

Concen: 47.438 ug/l

RT: 2.50 min Scan# 226

Delta R.T. -0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

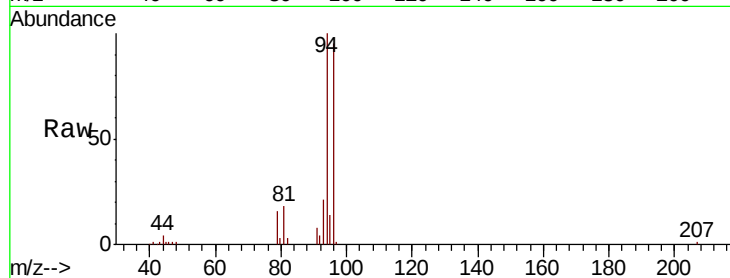
VSTDCCC050

Tot Ion: 94 Resp: 63336

Ion Ratio Lower Upper

94 100

96 94.7 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VN062874.D (-133) (-)

Ion 95.90 (95.60 to 96.60): VN062874.D (-133) (-)

2.50

40000

30000

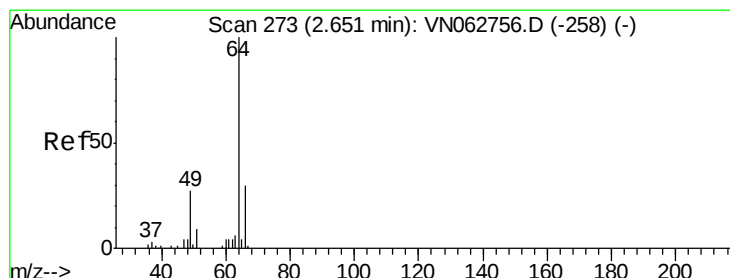
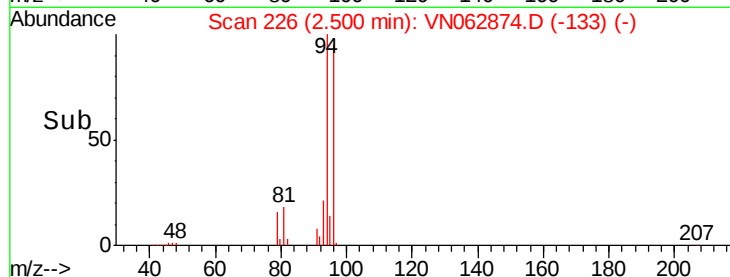
20000

10000

0

Time-->

2.45 2.50 2.55



#6

Chloroethane

Concen: 53.609 ug/l

RT: 2.65 min Scan# 273

Delta R.T. -0.00 min

Lab File: VN062874.D

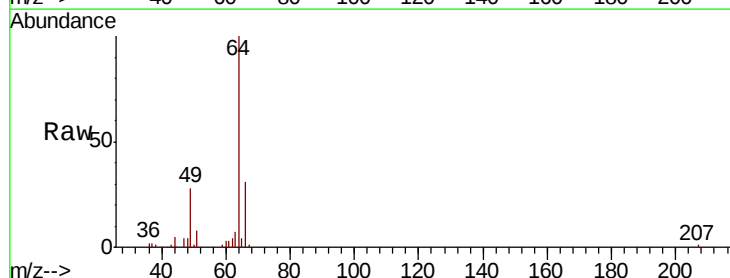
Acq: 12 Aug 2020 22:40

Tgt Ion: 64 Resp: 71132

Ion Ratio Lower Upper

64 100

66 31.4 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VN062874.D (-180) (-)

Ion 65.90 (65.60 to 66.60): VN062874.D (-180) (-)

2.65

40000

30000

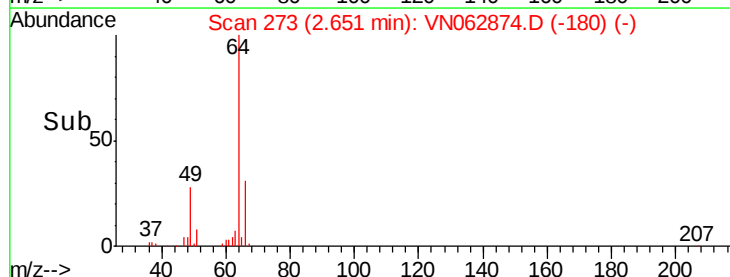
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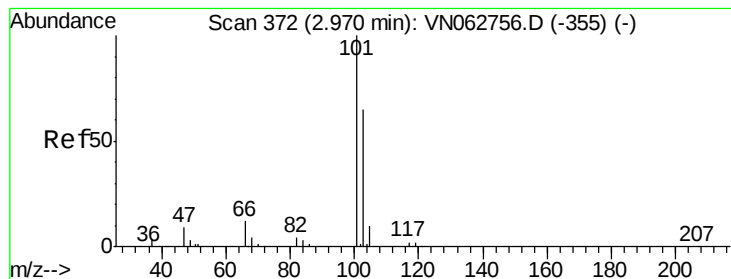
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Time-->

2.60 2.70 2.80



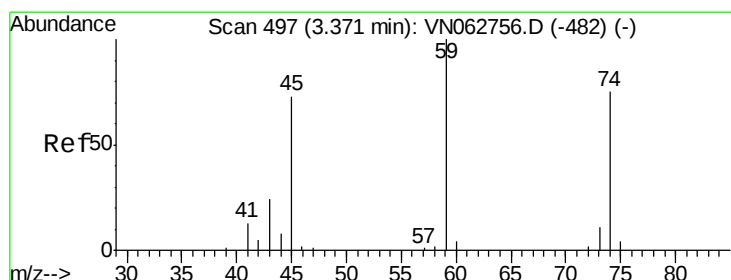
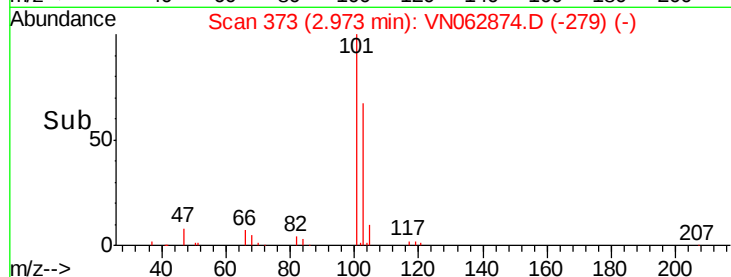
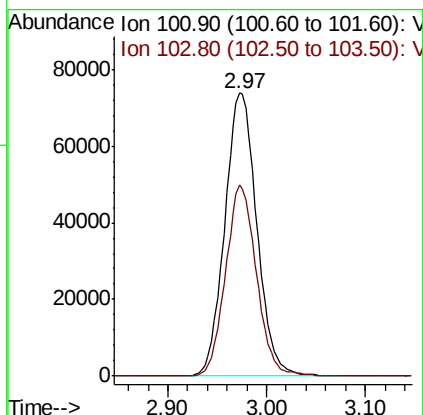
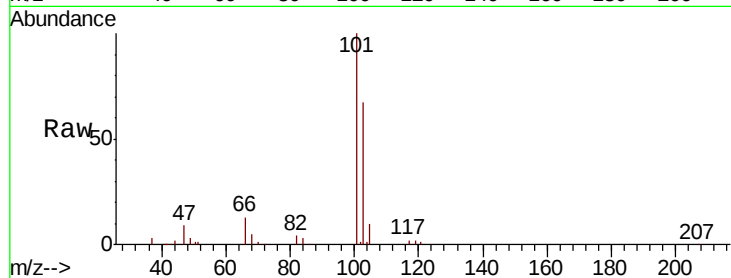


#7

Trichlorofluoromethane
 Concen: 46.617 ug/l
 RT: 2.97 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VN062874.D
 Acq: 12 Aug 2020 22:40

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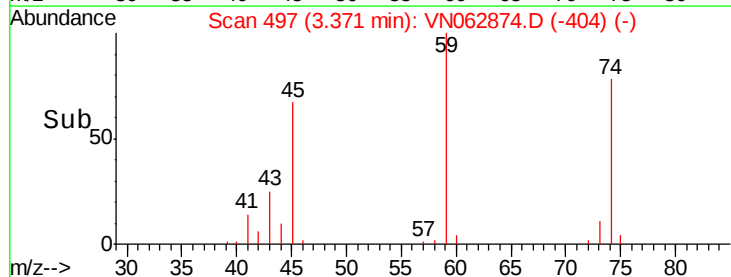
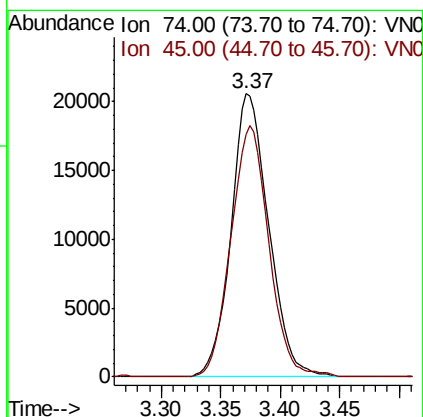
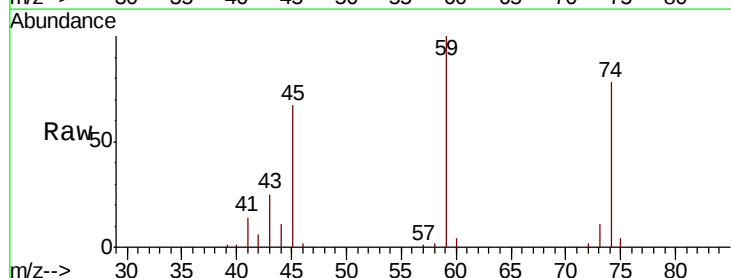
Tot Ion:101 Resp: 167655
 Ion Ratio Lower Upper
 101 100
 103 67.5 52.3 78.5

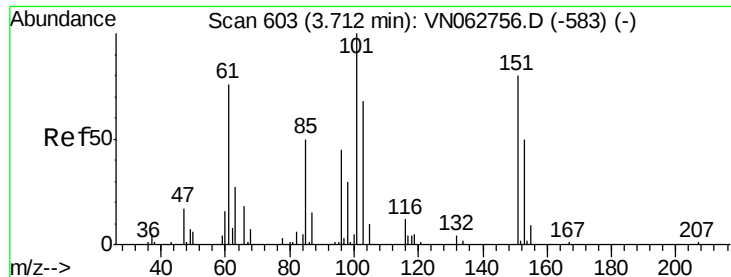


#8

Diethyl Ether
 Concen: 43.733 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062874.D
 Acq: 12 Aug 2020 22:40

Tgt Ion: 74 Resp: 45026
 Ion Ratio Lower Upper
 74 100
 45 89.4 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.720 ug/l

RT: 3.71 min Scan# 603

Delta R.T. 0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

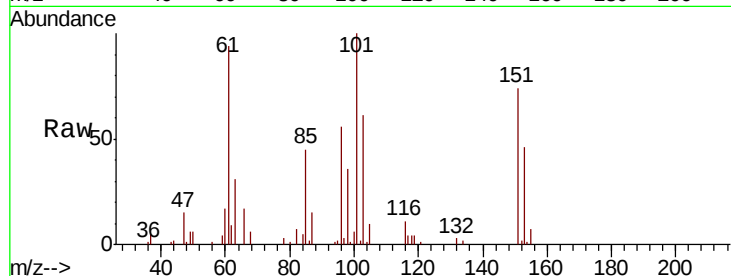
Tot Ion:101 Resp: 65000

Ion Ratio Lower Upper

101 100

85 46.3 38.5 57.7

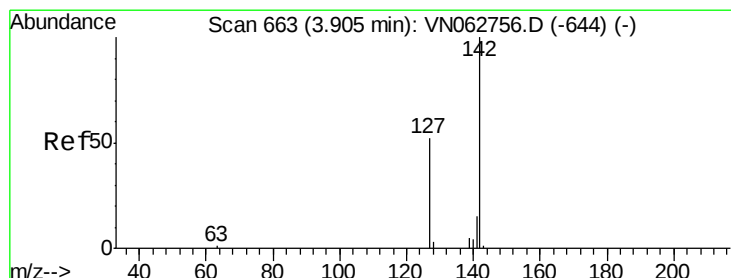
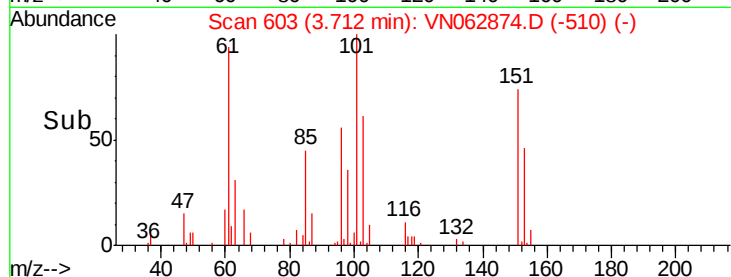
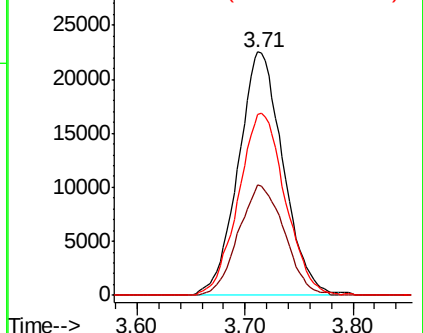
151 78.0 63.0 94.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.029 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

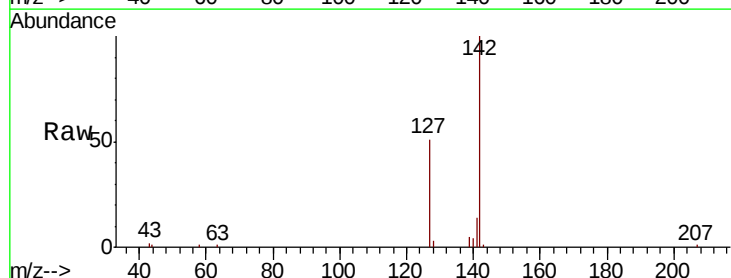
Tgt Ion:142 Resp: 83721

Ion Ratio Lower Upper

142 100

127 50.6 41.4 62.0

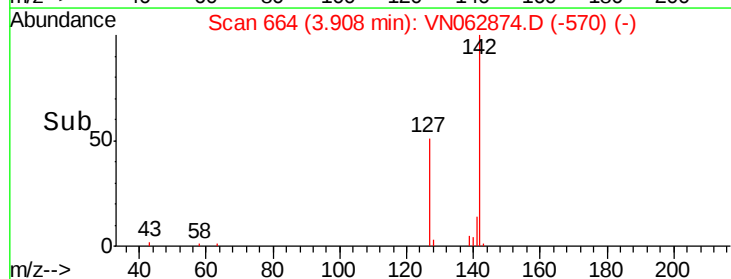
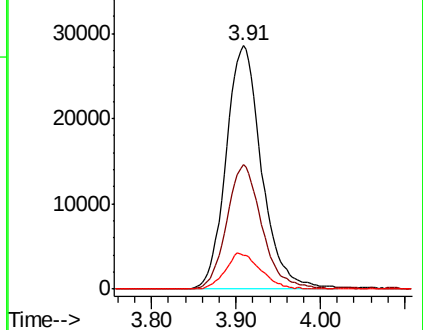
141 14.4 12.2 18.4

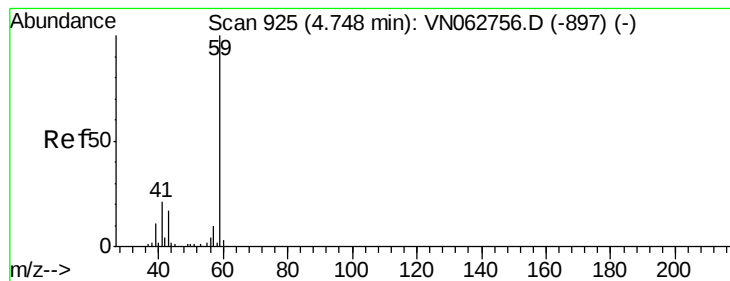


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



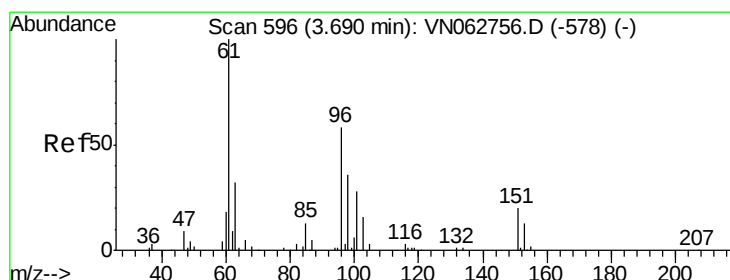
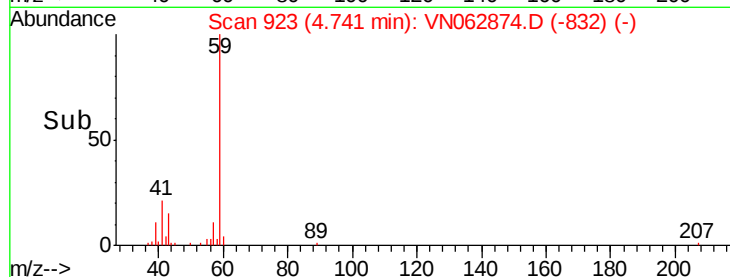
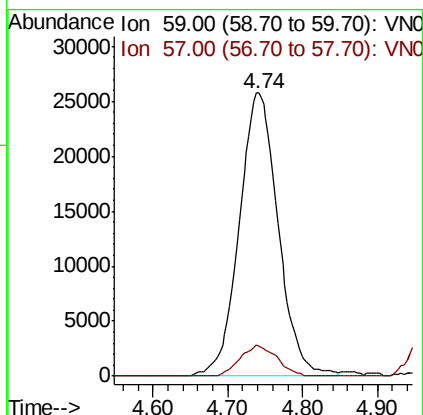
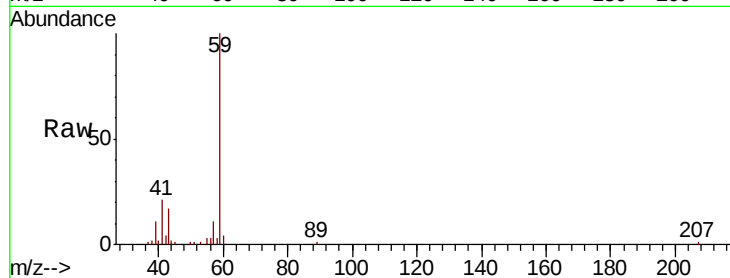


#11

Tert butyl alcohol
 Concen: 215.917 ug/l
 RT: 4.74 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: VN062874.D
 Acq: 12 Aug 2020 22:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

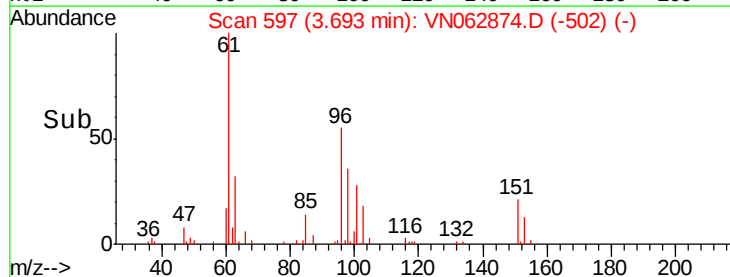
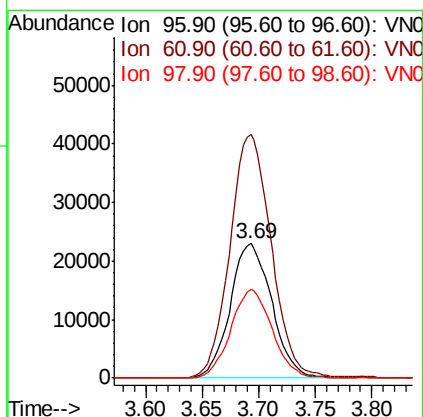
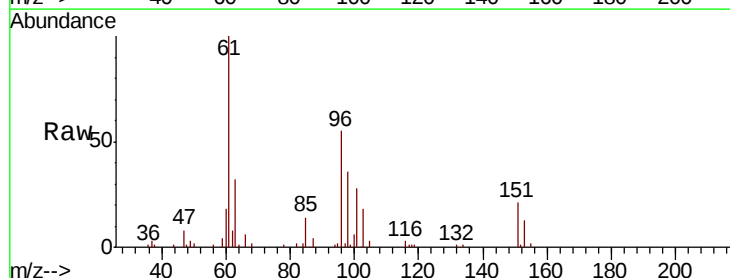
Tot Ion: 59 Resp: 93127
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.3 12.5

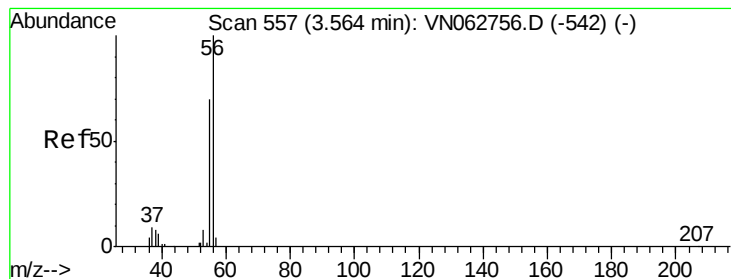


#12

1,1-Dichloroethene
 Concen: 43.134 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: VN062874.D
 Acq: 12 Aug 2020 22:40

Tgt Ion: 96 Resp: 58673
 Ion Ratio Lower Upper
 96 100
 61 181.1 139.0 208.6
 98 66.0 50.2 75.4





#13

Acrolein

Concen: 185.545 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

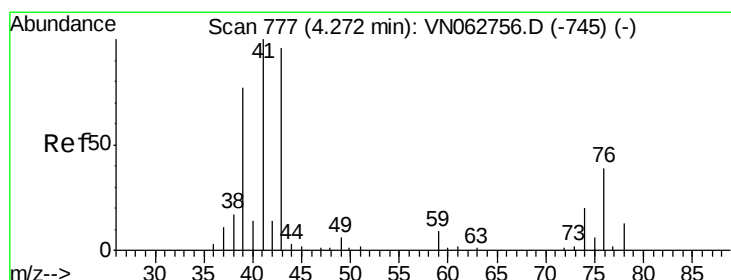
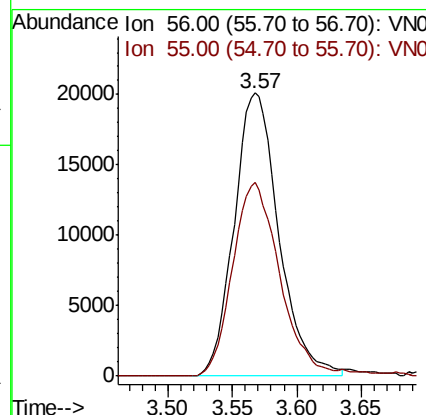
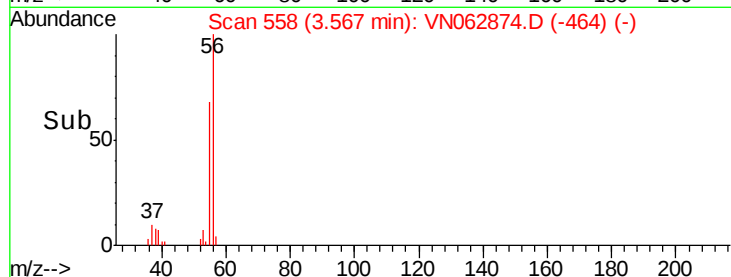
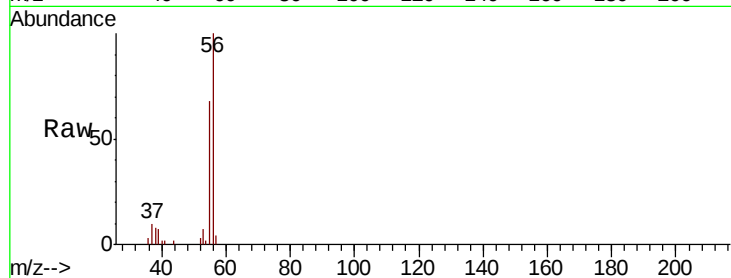
VSTDCCC050

Tot Ion: 56 Resp: 48454

Ion Ratio Lower Upper

56 100

55 71.5 57.0 85.6



#14

Allyl chloride

Concen: 36.873 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

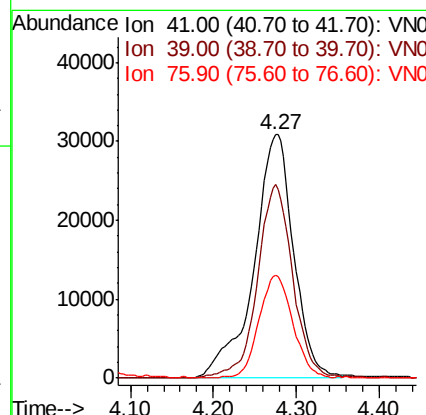
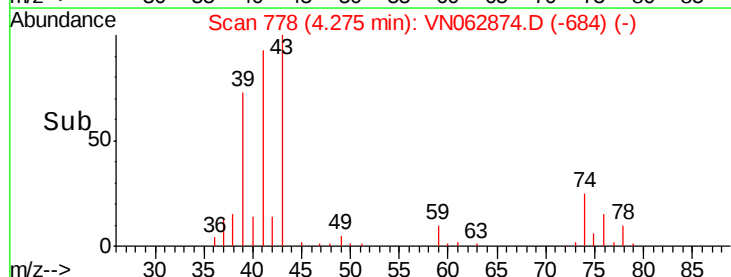
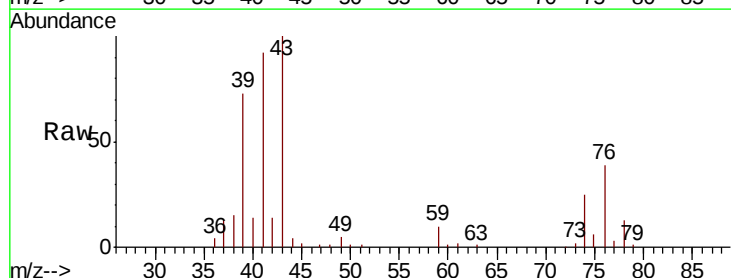
Tgt Ion: 41 Resp: 102732

Ion Ratio Lower Upper

41 100

39 70.6 55.7 83.5

76 36.0 27.5 41.3





#15

Acrylonitrile

Concen: 217.651 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

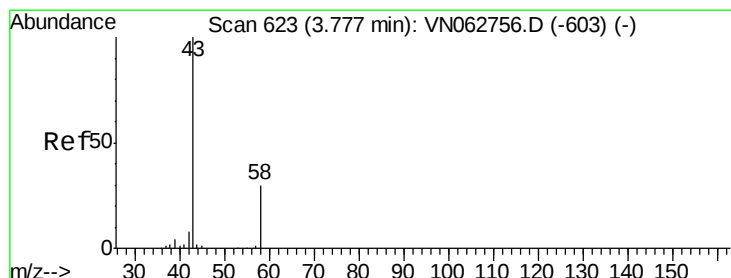
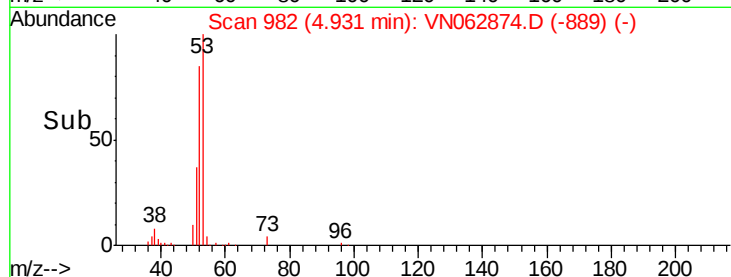
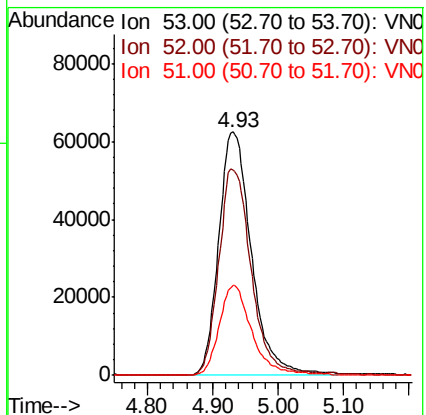
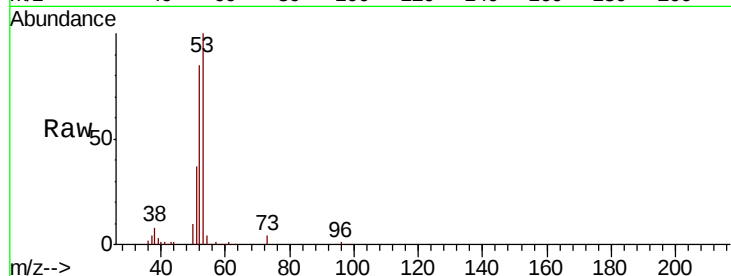
Tot Ion: 53 Resp: 217733

Ion Ratio Lower Upper

53 100

52 83.2 66.8 100.2

51 36.8 29.5 44.3



#16

Acetone

Concen: 198.142 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN062874.D

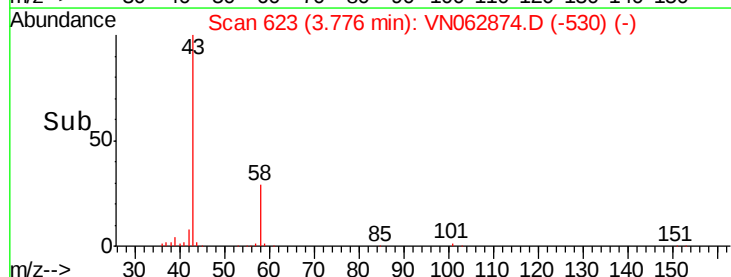
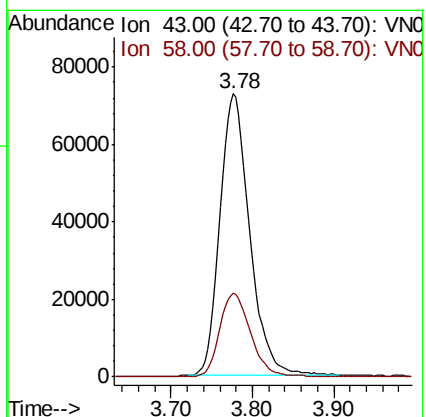
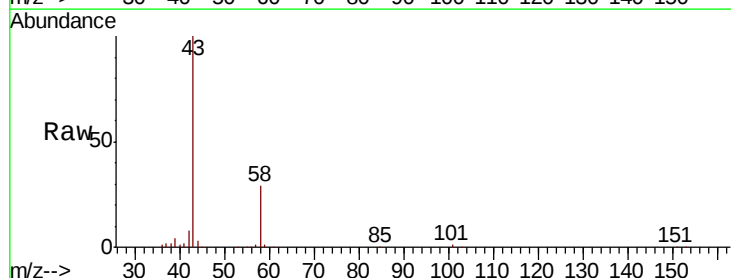
Acq: 12 Aug 2020 22:40

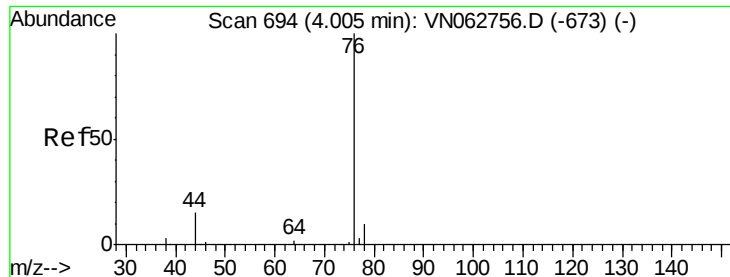
Tgt Ion: 43 Resp: 188411

Ion Ratio Lower Upper

43 100

58 29.6 24.1 36.1

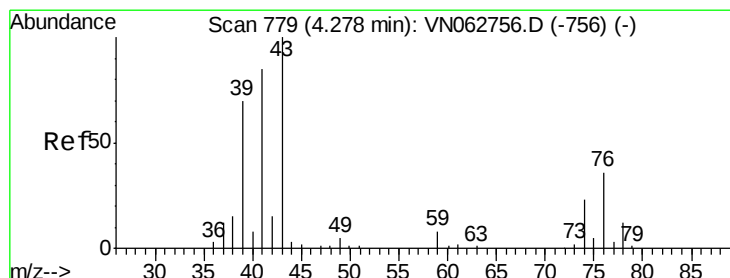
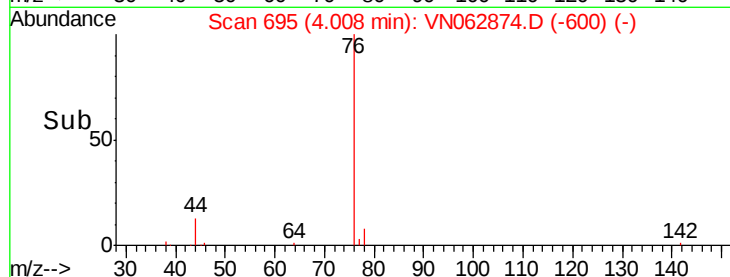
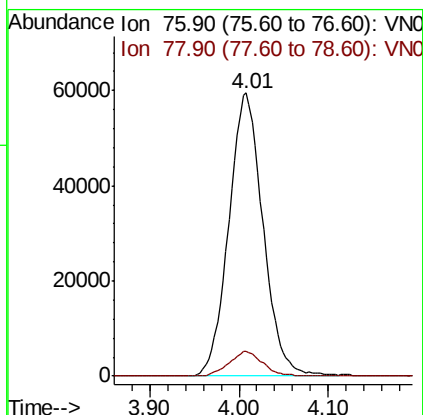
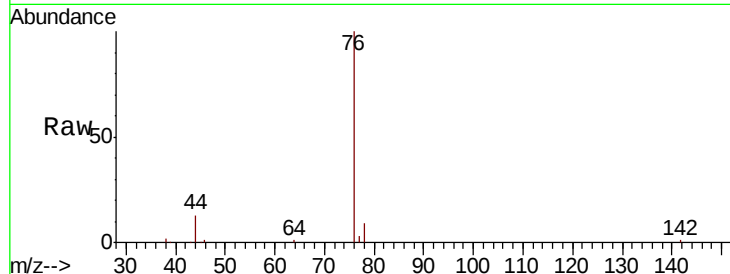




#17
Carbon Disulfide
Concen: 40.905 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062874.D
Acq: 12 Aug 2020 22:40

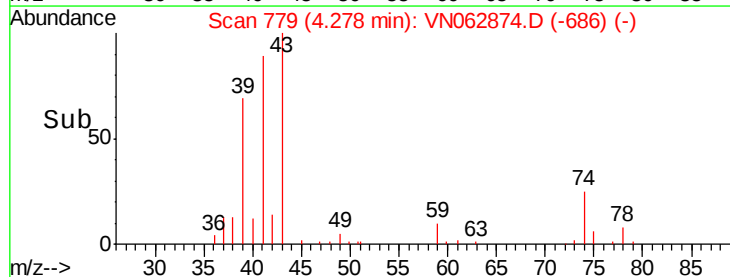
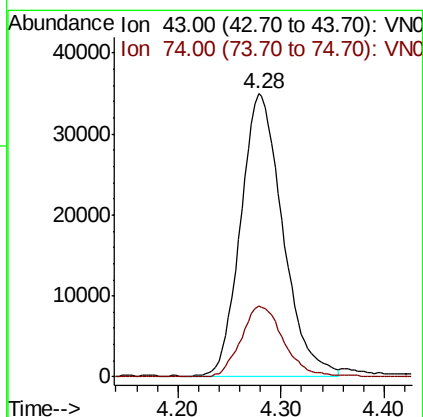
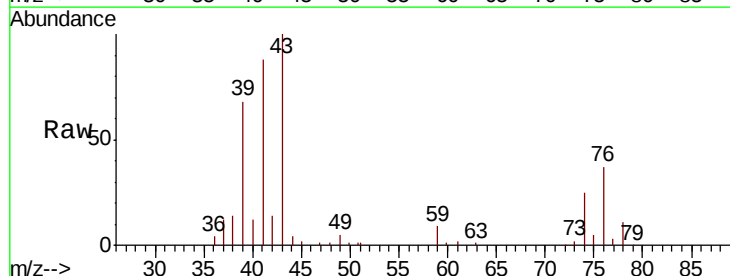
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

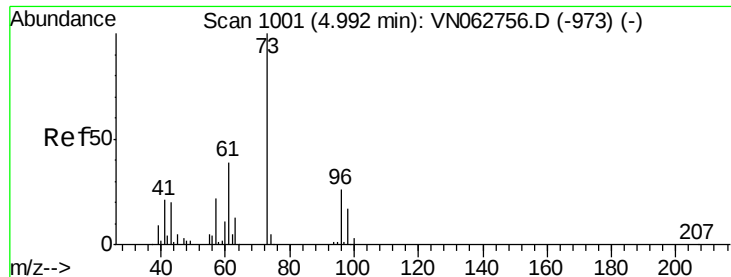
Tot Ion: 76 Resp: 158039
Ion Ratio Lower Upper
76 100
78 8.8 7.7 11.5



#18
Methyl Acetate
Concen: 44.069 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062874.D
Acq: 12 Aug 2020 22:40

Tgt Ion: 43 Resp: 99414
Ion Ratio Lower Upper
43 100
74 25.1 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 45.666 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

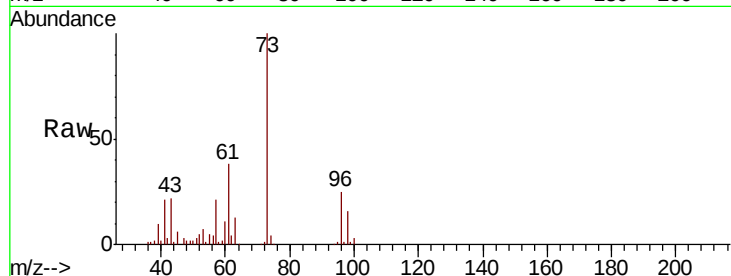
VSTDCCC050

Tot Ion: 73 Resp: 281549

Ion Ratio Lower Upper

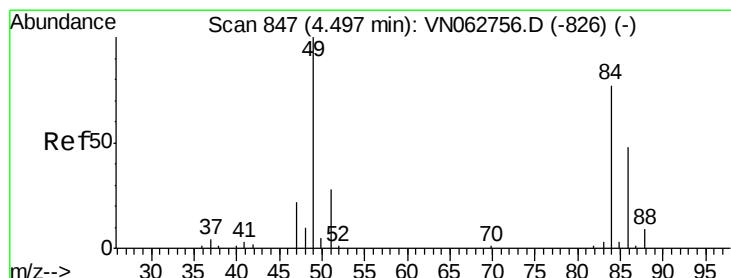
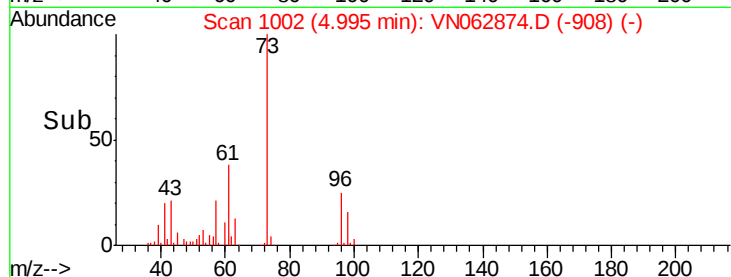
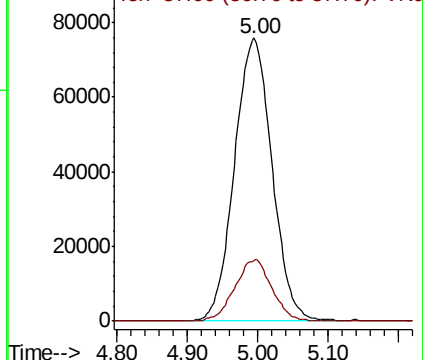
73 100

57 21.5 17.5 26.3



Abundance Ion 73.00 (72.70 to 73.70): VN062756.D (-973) (-)

Ion 57.00 (56.70 to 57.70): VN062756.D (-973) (-)



#20

Methylene Chloride

Concen: 44.981 ug/l

RT: 4.50 min Scan# 848

Delta R.T. 0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

Tgt Ion: 84 Resp: 78408

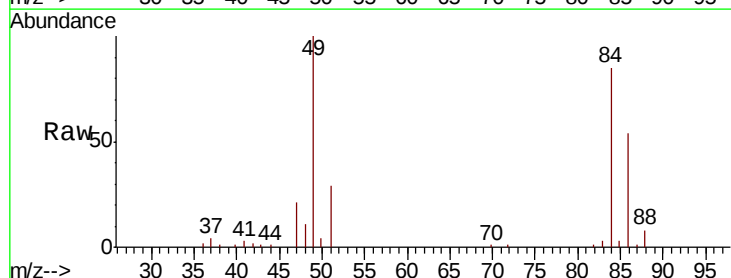
Ion Ratio Lower Upper

84 100

49 117.9 103.4 155.2

51 34.7 29.3 43.9

86 63.6 49.9 74.9

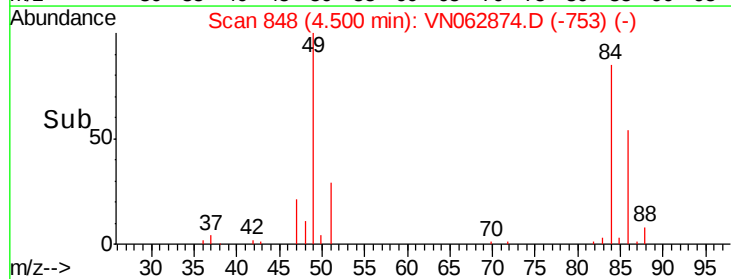
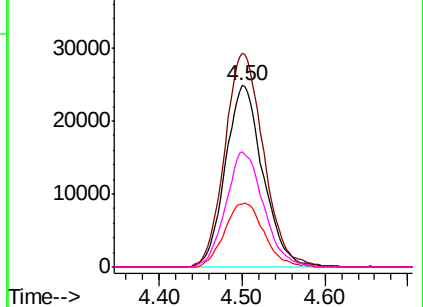


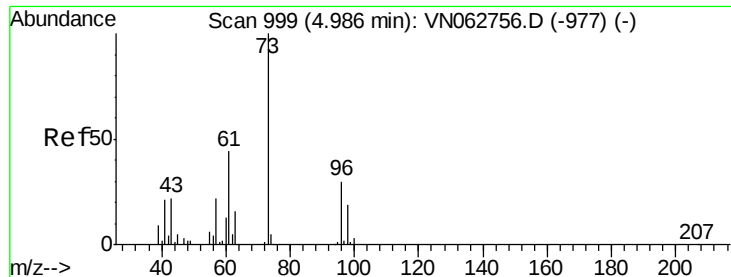
Abundance Ion 83.90 (83.60 to 84.60): VN062756.D (-826) (-)

Ion 48.90 (48.60 to 49.60): VN062756.D (-826) (-)

Ion 50.90 (50.60 to 51.60): VN062756.D (-826) (-)

Ion 85.90 (85.60 to 86.60): VN062756.D (-826) (-)





#21

trans-1,2-Dichloroethene

Concen: 41.274 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

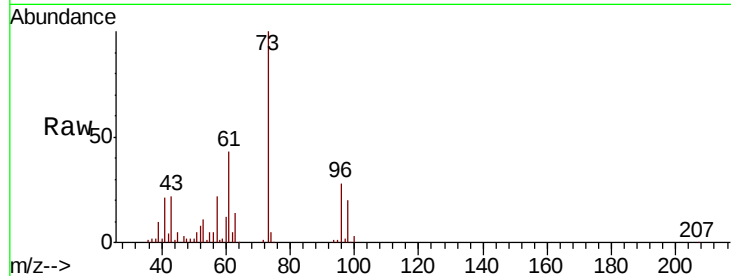
Tot Ion: 96 Resp: 65728

Ion Ratio Lower Upper

96 100

61 156.2 118.8 178.2

98 71.7 51.0 76.4

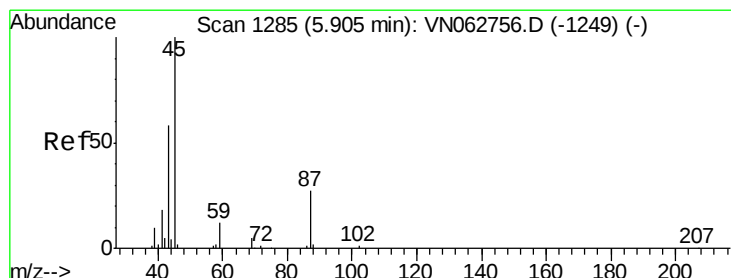
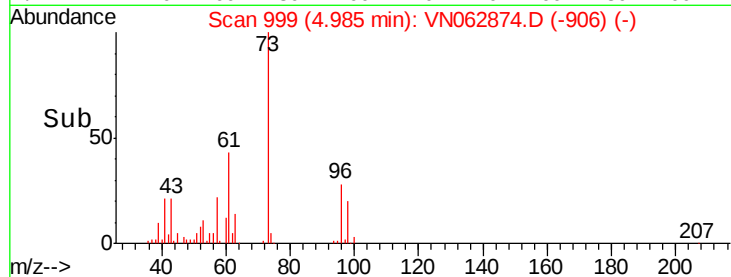
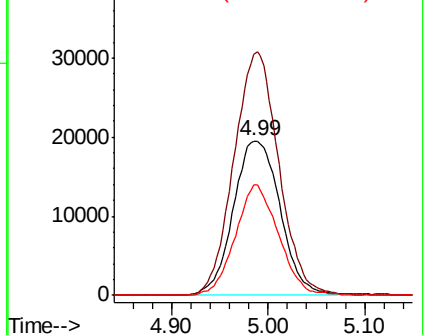


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 43.270 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

Tgt Ion: 45 Resp: 256637

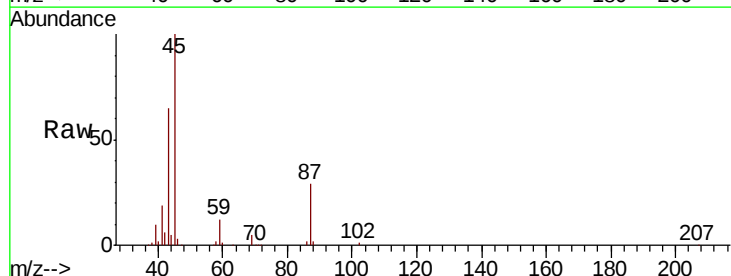
Ion Ratio Lower Upper

45 100

43 63.5 47.4 71.2

87 29.4 22.8 34.2

59 11.1 9.9 14.9



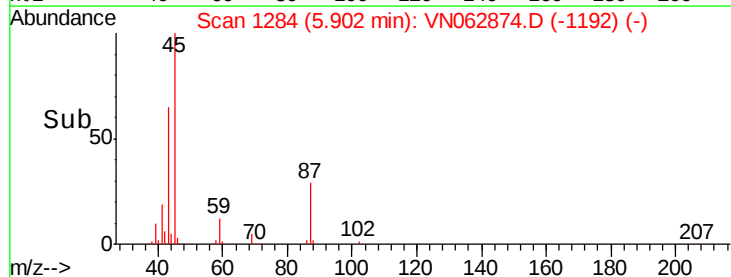
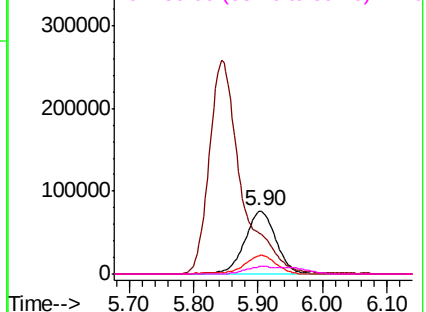
Abundance

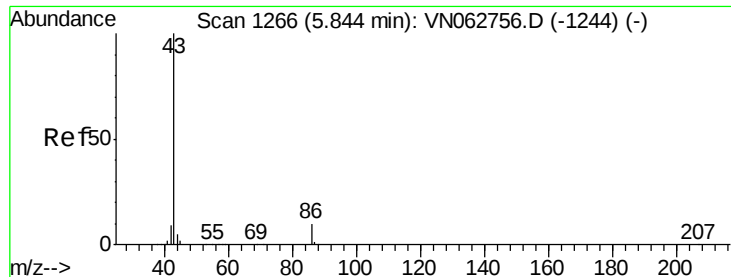
Ion 45.00 (44.70 to 45.70): VN0

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: 197.624 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

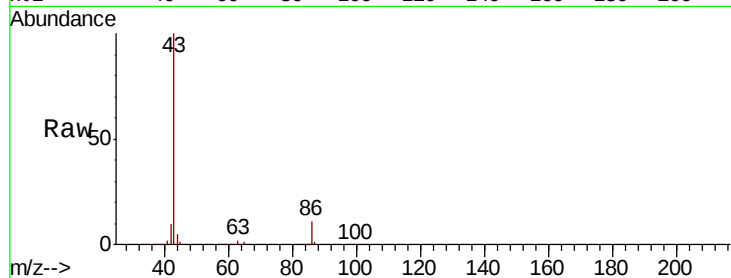
VSTDCCC050

Tot Ion: 43 Resp: 891532

Ion Ratio Lower Upper

43 100

86 10.6 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN062874.D (-1173) (-)

Ion 86.00 (85.70 to 86.70): VN062874.D (-1173) (-)

5.84

250000

200000

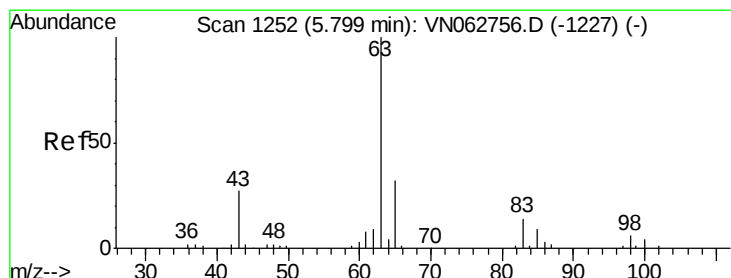
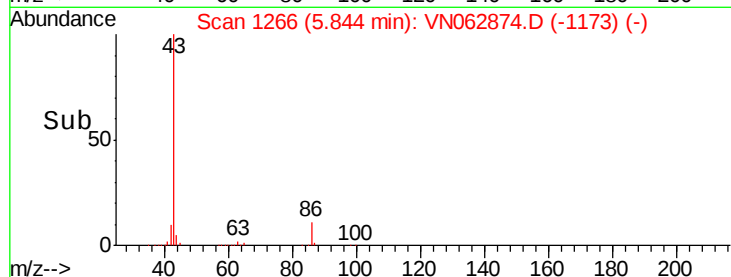
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 41.732 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

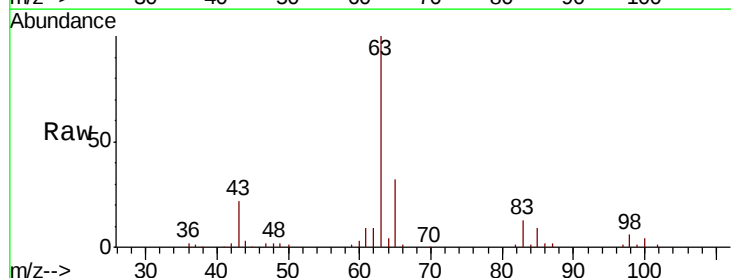
Tgt Ion: 63 Resp: 145049

Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.2

100 3.5 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN062874.D (-1159) (-)

Ion 97.90 (97.60 to 98.60): VN062874.D (-1159) (-)

Ion 99.90 (99.60 to 100.60): VN062874.D (-1159) (-)

5.80

60000

50000

40000

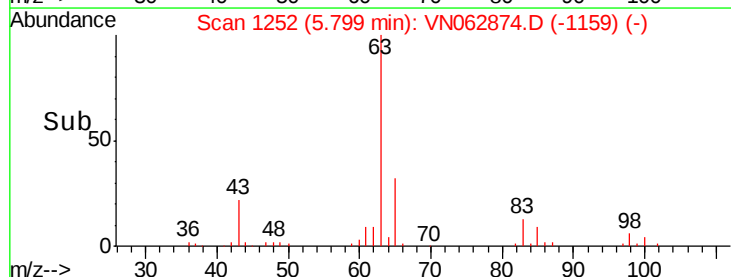
30000

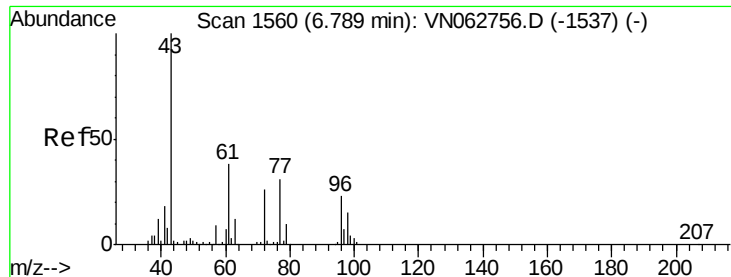
20000

10000

0

Time-->





#25

2-Butanone

Concen: 208.021 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. -0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

Instrument :

MSVOA_N

ClientSampled :

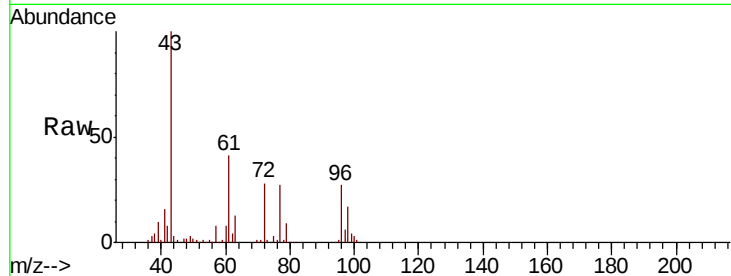
VSTDCCC050

Tot Ion: 43 Resp: 280152

Ion Ratio Lower Upper

43 100

72 28.2 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-1537) (-)

Ion 72.00 (71.70 to 72.70): VN062756.D (-1537) (-)

6.79

100000

80000

60000

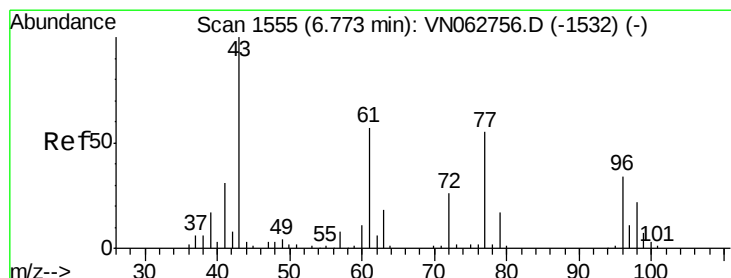
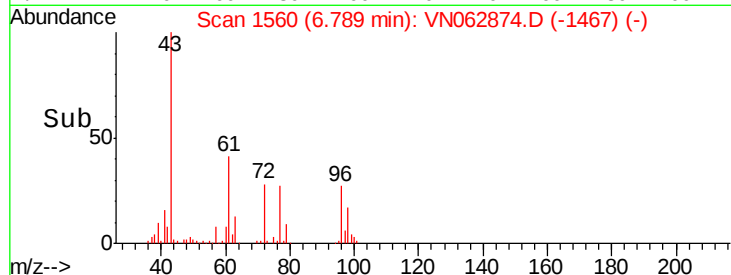
40000

20000

0

6.70 6.75 6.80 6.85

Time-->



#26

2,2-Dichloropropane

Concen: 31.138 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.01 min

Lab File: VN062874.D

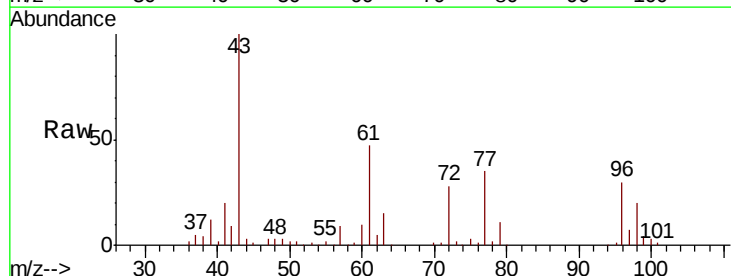
Acq: 12 Aug 2020 22:40

Tgt Ion: 77 Resp: 99761

Ion Ratio Lower Upper

77 100

97 21.6 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VN062756.D (-1532) (-)

Ion 96.90 (96.60 to 97.60): VN062756.D (-1532) (-)

6.78

30000

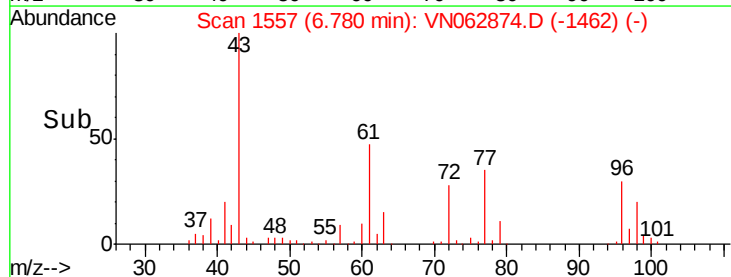
20000

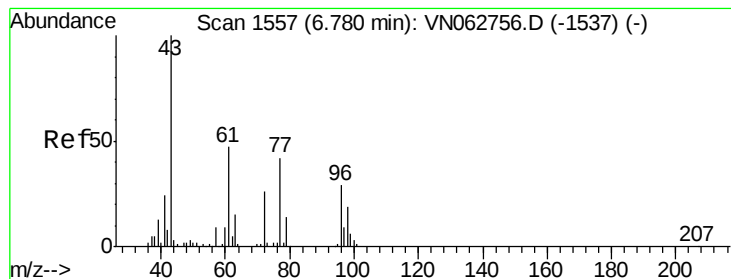
10000

0

6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 42.415 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

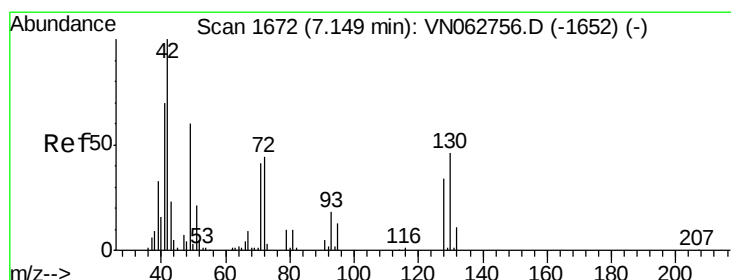
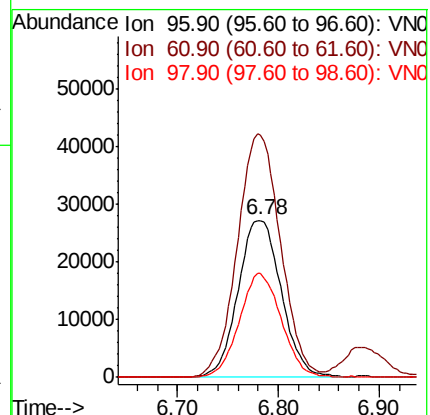
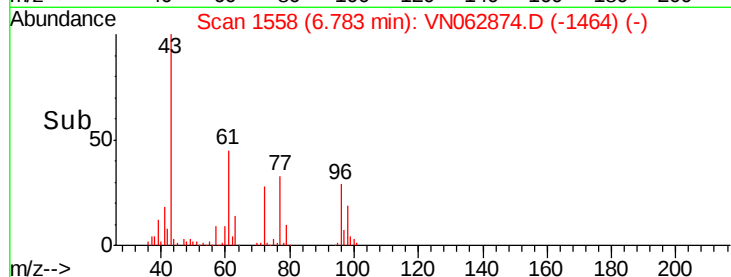
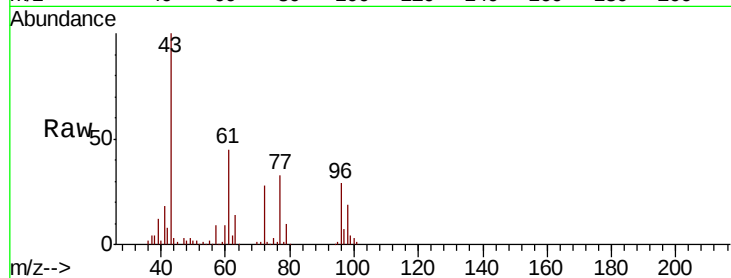
Tot Ion: 96 Resp: 81026

Ion Ratio Lower Upper

96 100

61 154.9 0.0 332.2

98 64.4 0.0 129.4



#28

Bromochloromethane

Concen: 46.183 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

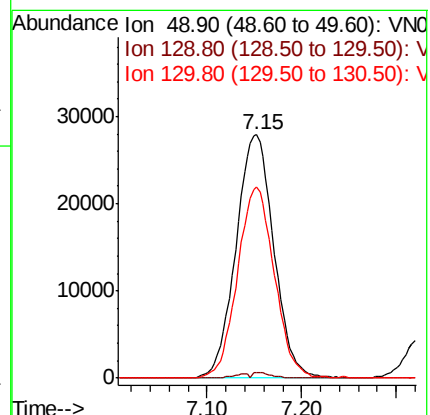
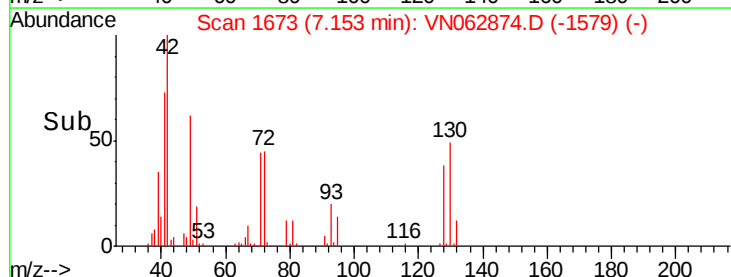
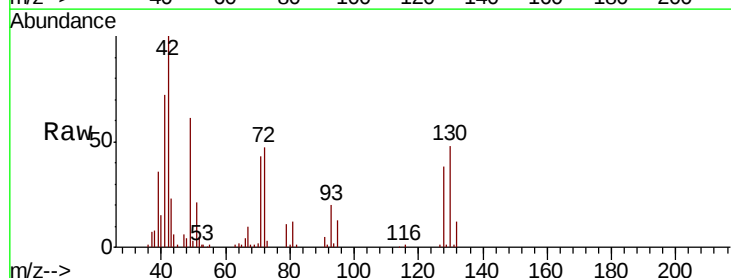
Tgt Ion: 49 Resp: 77470

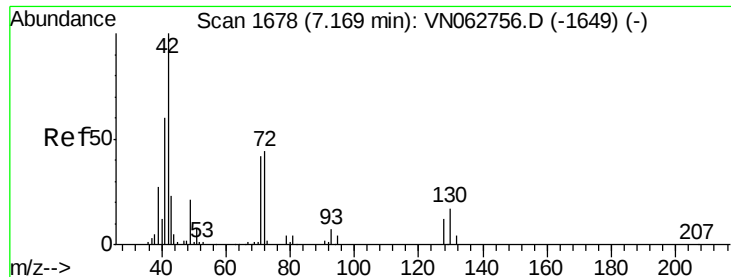
Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.2

130 76.5 59.0 88.6

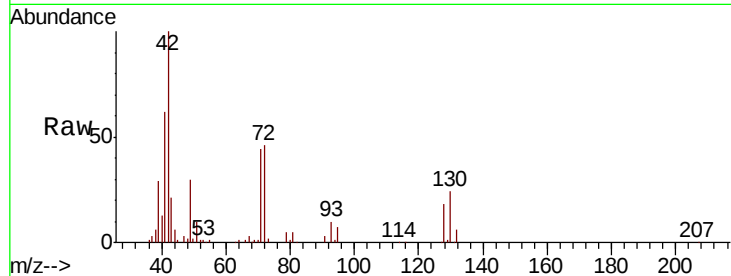




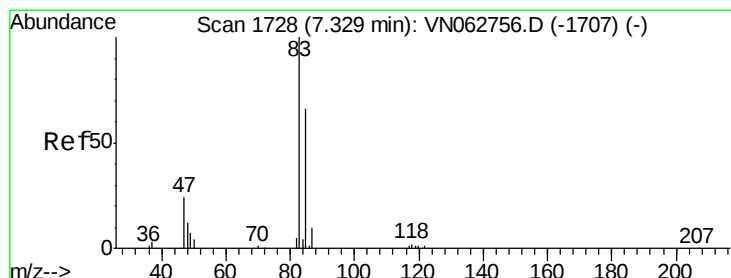
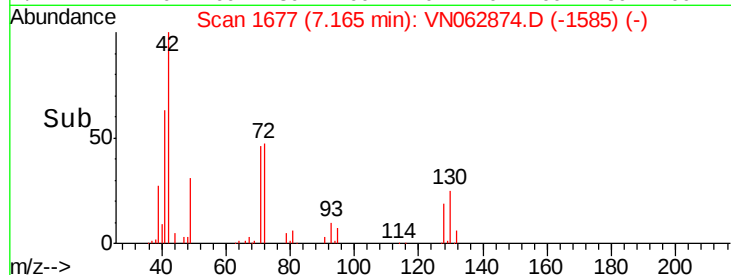
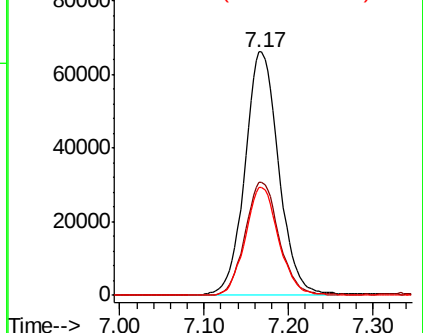
#29
Tetrahydrofuran
Concen: 211.706 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062874.D
Acq: 12 Aug 2020 22:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 185230
Ion Ratio Lower Upper
42 100
72 46.3 35.0 52.4
71 43.6 33.2 49.8

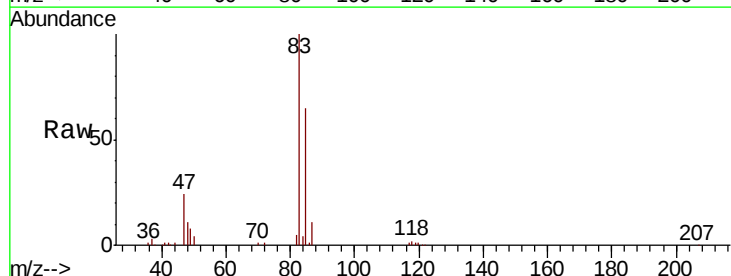


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

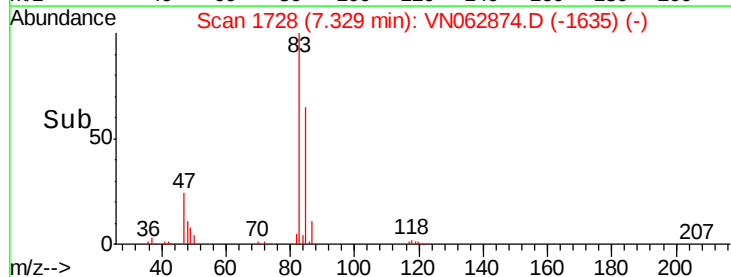
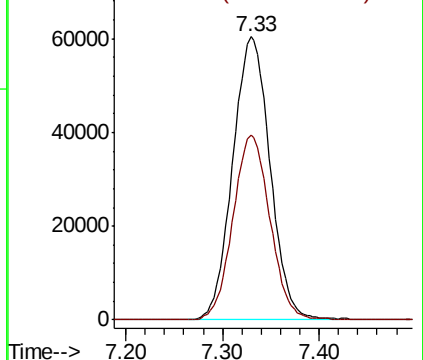


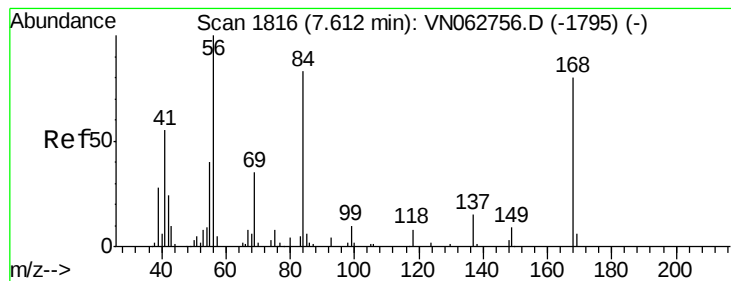
#30
Chloroform
Concen: 43.833 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062874.D
Acq: 12 Aug 2020 22:40

Tgt Ion: 83 Resp: 161911
Ion Ratio Lower Upper
83 100
85 65.4 52.7 79.1



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





#31

Cyclohexane

Concen: 39.581 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

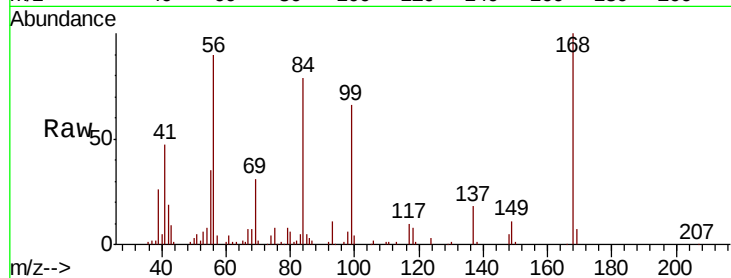
Tot Ion: 56 Resp: 126284

Ion Ratio Lower Upper

56 100

69 34.8 28.1 42.1

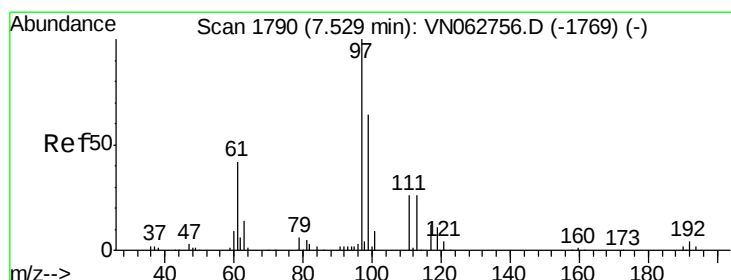
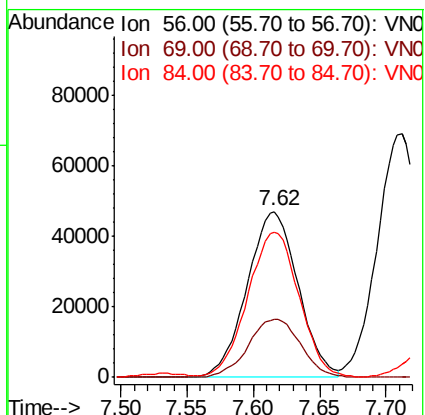
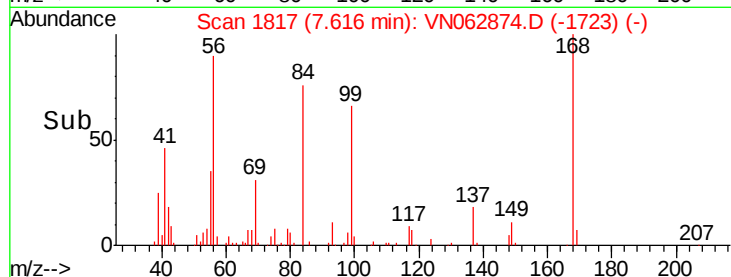
84 86.6 66.8 100.2



Abundance Ion 56.00 (55.70 to 56.70): VN062874.D (-1795) (-)

Ion 69.00 (68.70 to 69.70): VN062874.D (-1795) (-)

Ion 84.00 (83.70 to 84.70): VN062874.D (-1795) (-)



#32

1,1,1-Trichloroethane

Concen: 43.708 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

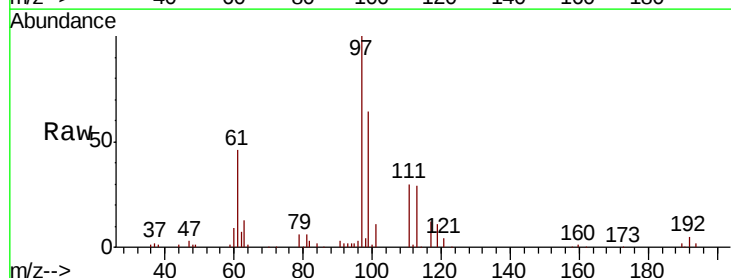
Tgt Ion: 97 Resp: 144347

Ion Ratio Lower Upper

97 100

99 63.9 50.0 75.0

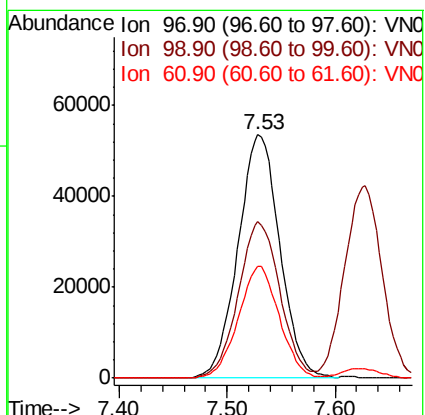
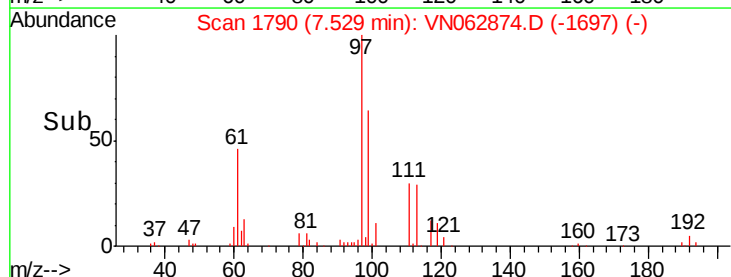
61 44.9 34.8 52.2

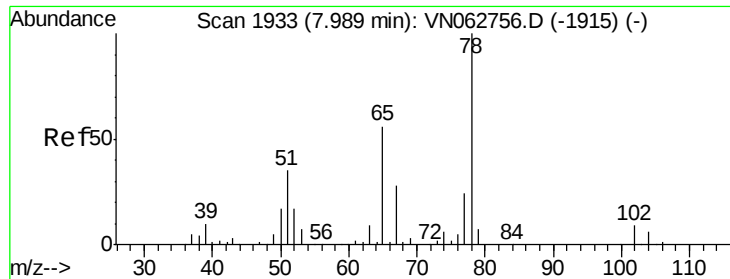


Abundance Ion 96.90 (96.60 to 97.60): VN062874.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062874.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062874.D (-1697) (-)





#33

1,2-Dichloroethane-d4

Concen: 50.205 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

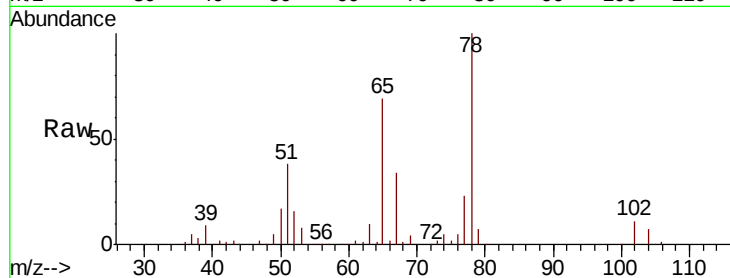
VSTDCCC050

Tot Ion: 65 Resp: 132117

Ion Ratio Lower Upper

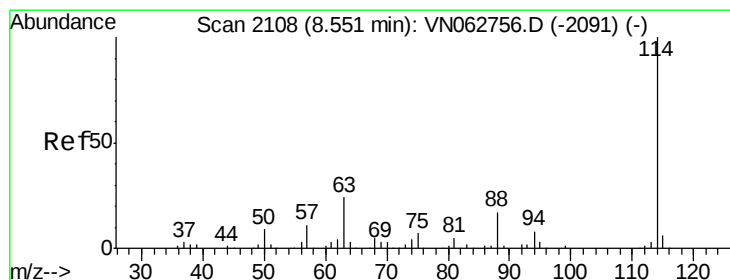
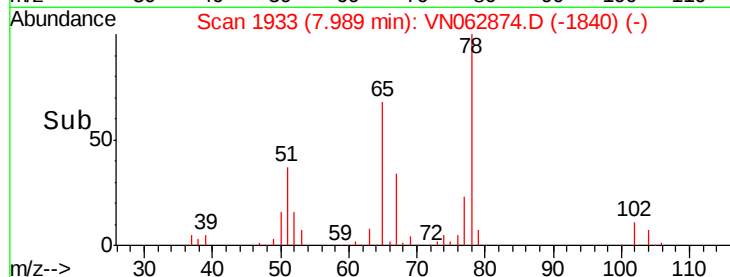
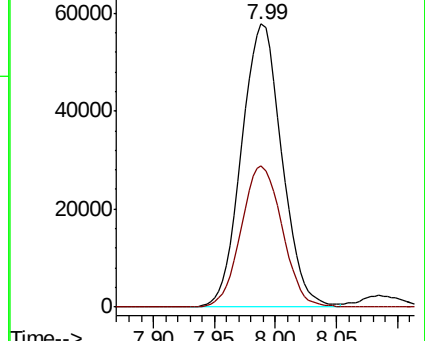
65 100

67 50.7 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN062874.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN062874.D (-1840) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

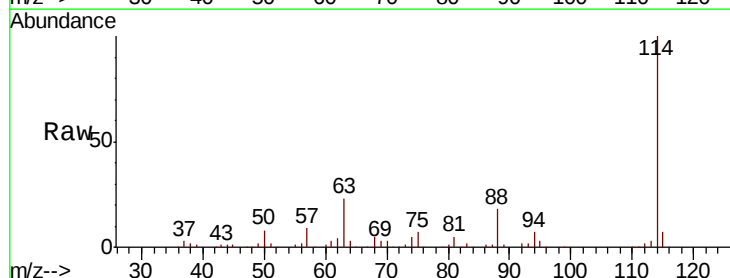
Tgt Ion: 114 Resp: 258305

Ion Ratio Lower Upper

114 100

63 22.8 0.0 47.6

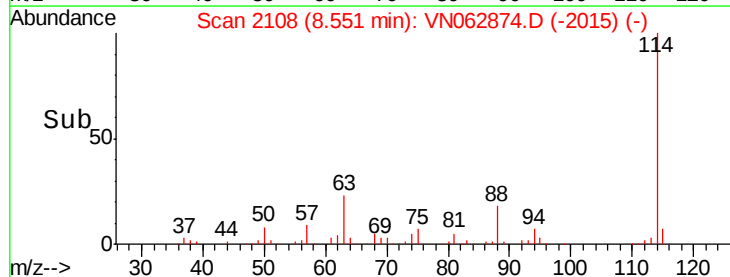
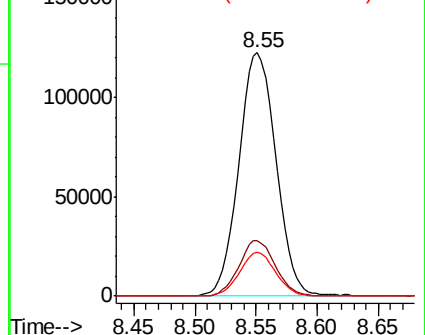
88 18.0 0.0 34.4

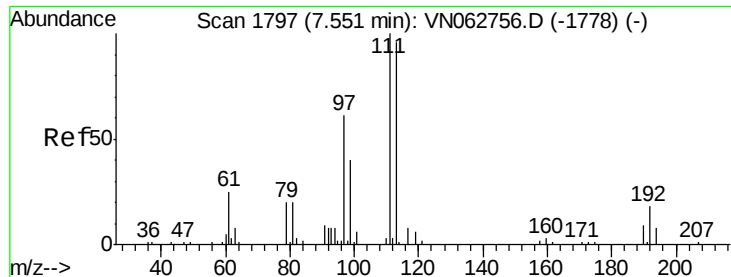


Abundance Ion 113.90 (113.60 to 114.60): VN062874.D (-2155) (-)

Ion 63.00 (62.70 to 63.70): VN062874.D (-2155) (-)

Ion 87.90 (87.60 to 88.60): VN062874.D (-2155) (-)

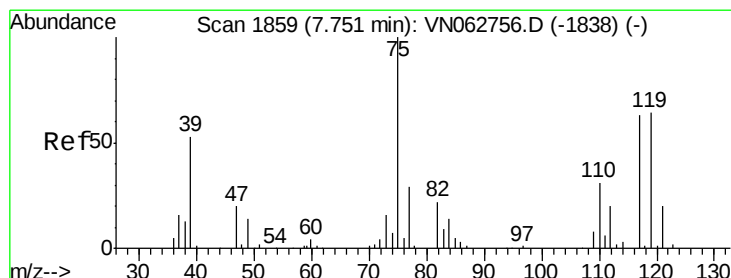
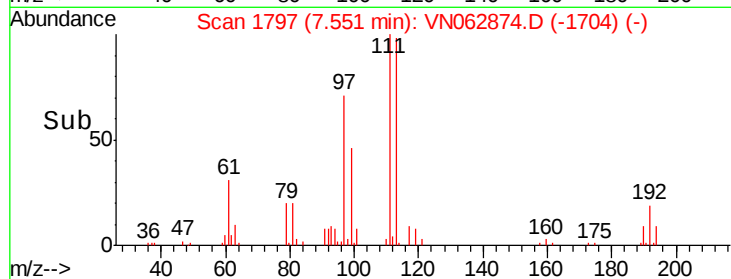
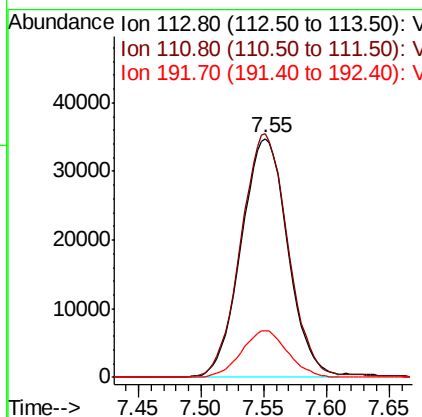
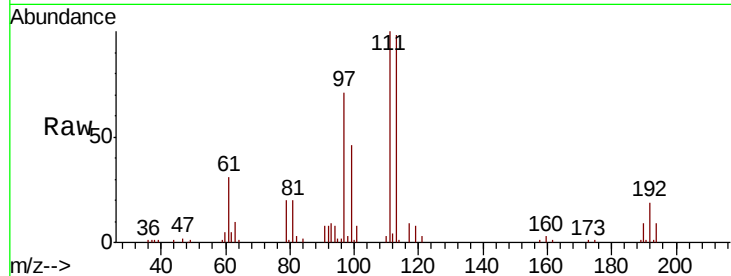




#35
 Dibromofluoromethane
 Concen: 50.897 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: VN062874.D
 Acq: 12 Aug 2020 22:40

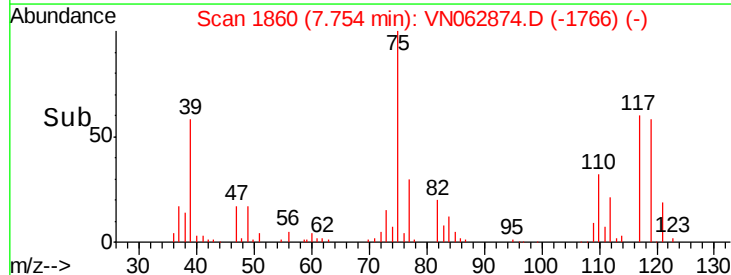
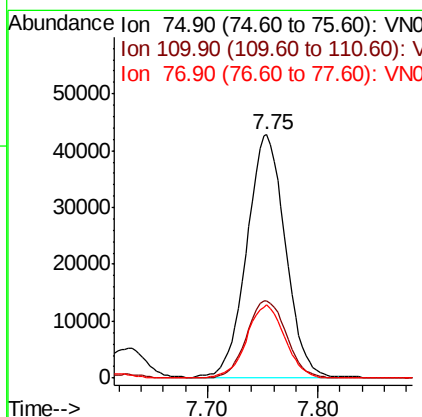
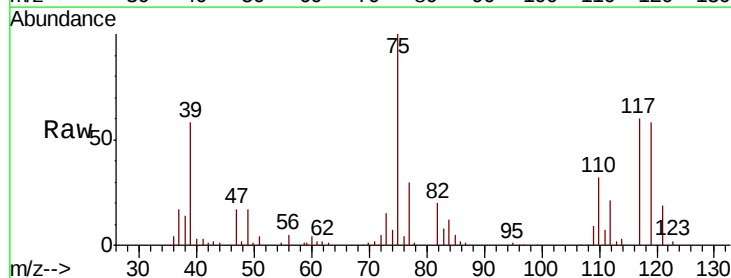
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

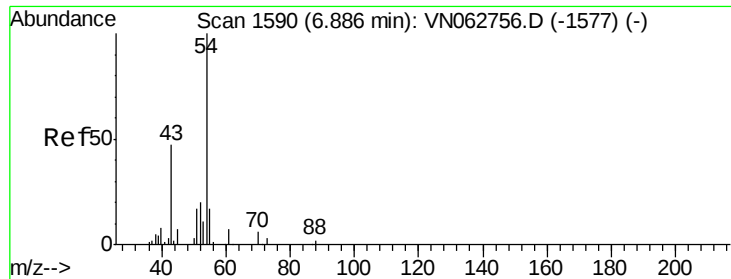
Tot Ion:113 Resp: 89932
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.8 122.6
 192 19.3 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 40.993 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062874.D
 Acq: 12 Aug 2020 22:40

Tgt Ion: 75 Resp: 103103
 Ion Ratio Lower Upper
 75 100
 110 32.7 15.6 46.7
 77 29.8 24.1 36.1

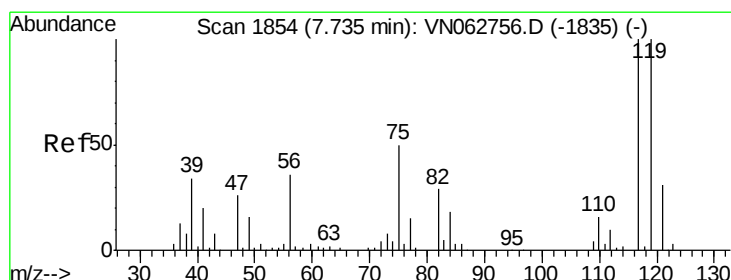
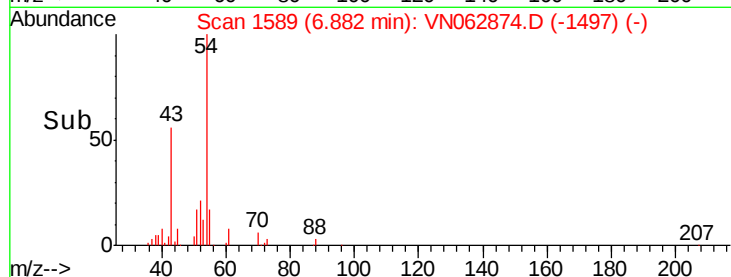
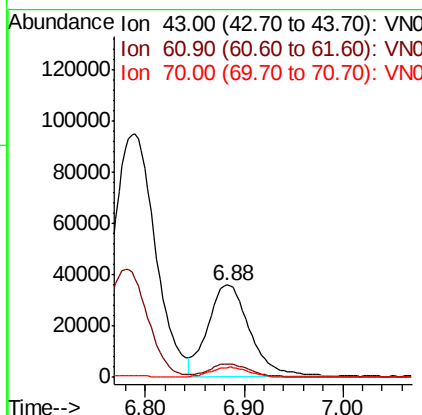
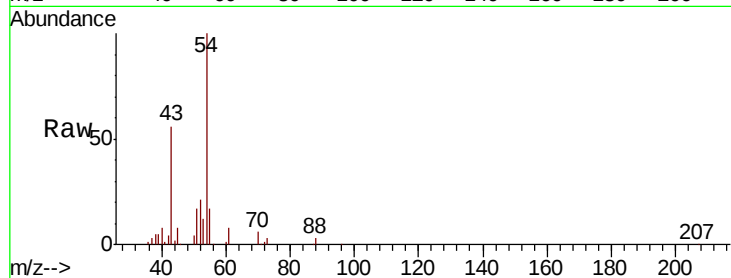




#37
Ethyl Acetate
Concen: 40.345 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062874.D
Acq: 12 Aug 2020 22:40

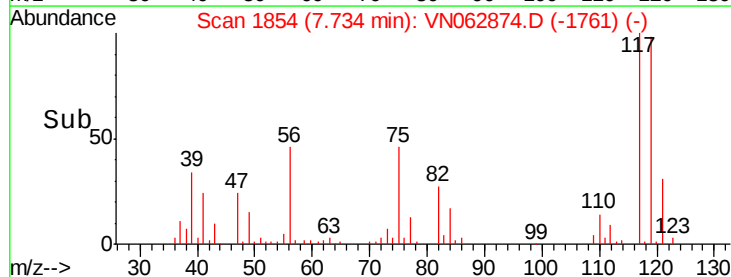
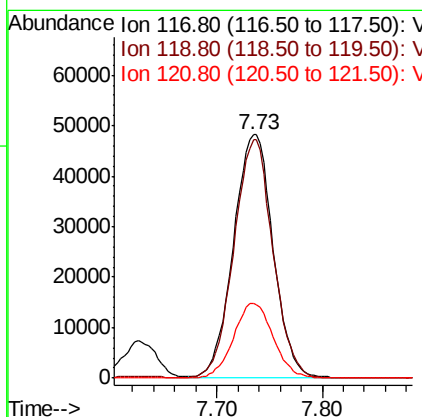
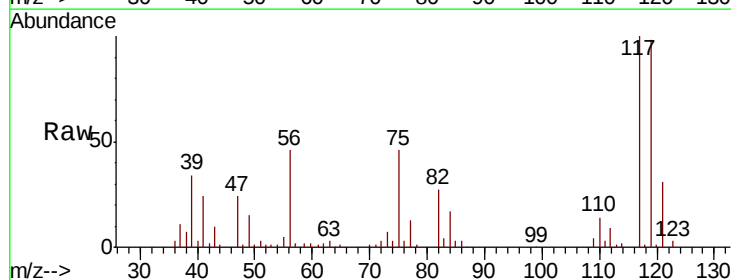
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

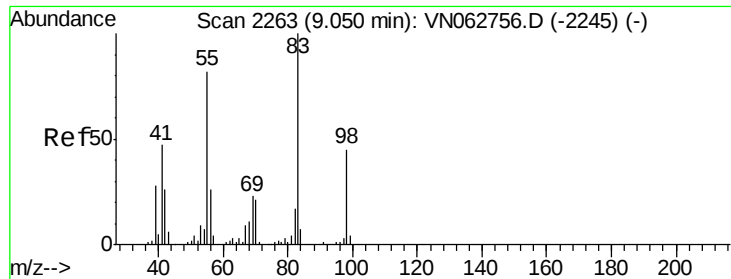
Tot Ion: 43 Resp: 105999
Ion Ratio Lower Upper
43 100
61 15.0 12.1 18.1
70 10.6 8.3 12.5



#38
Carbon Tetrachloride
Concen: 42.368 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN062874.D
Acq: 12 Aug 2020 22:40

Tgt Ion: 117 Resp: 126030
Ion Ratio Lower Upper
117 100
119 97.8 79.4 119.2
121 30.7 24.9 37.3

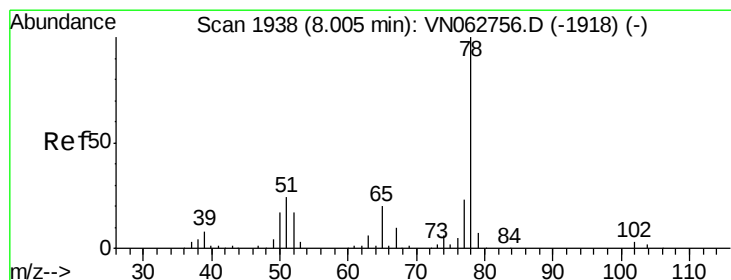
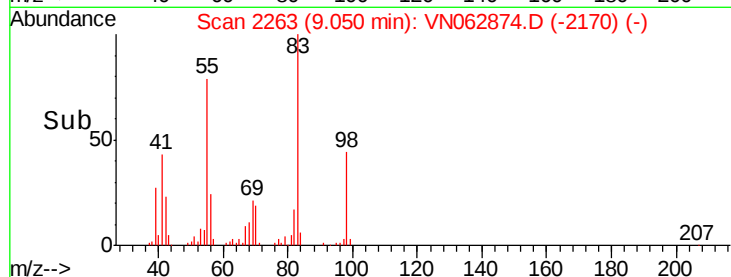
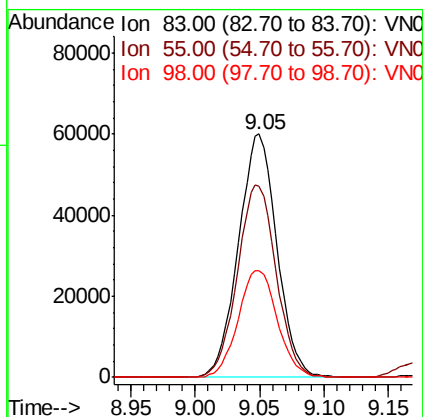
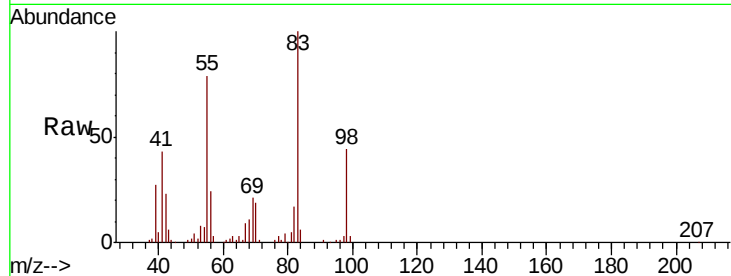




#39
Methvlcvclohexane
Concen: 41.153 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. -0.00 min
Lab File: VN062874.D
Acq: 12 Aug 2020 22:40

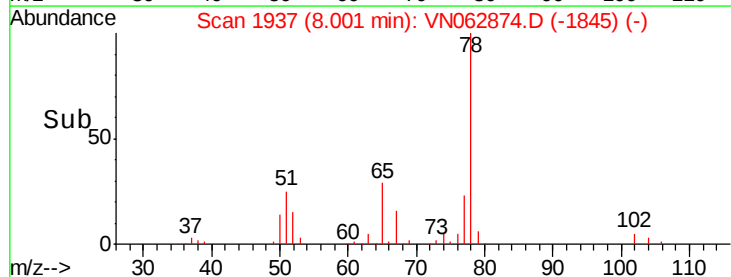
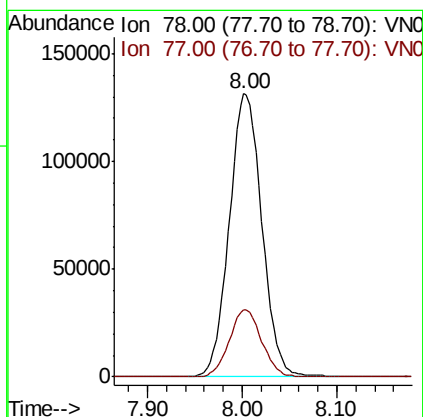
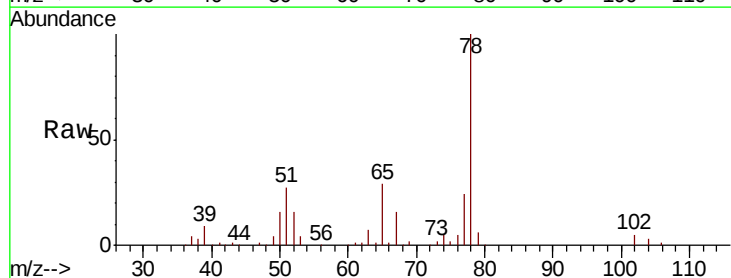
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

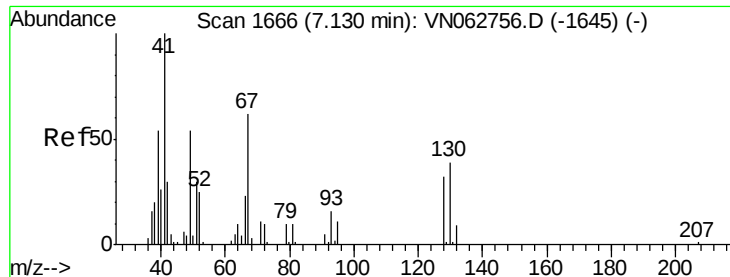
Tot Ion: 83 Resp: 124563
Ion Ratio Lower Upper
83 100
55 78.5 65.7 98.5
98 44.0 35.6 53.4



#40
Benzene
Concen: 41.915 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062874.D
Acq: 12 Aug 2020 22:40

Tgt Ion: 78 Resp: 314585
Ion Ratio Lower Upper
78 100
77 23.7 18.1 27.1

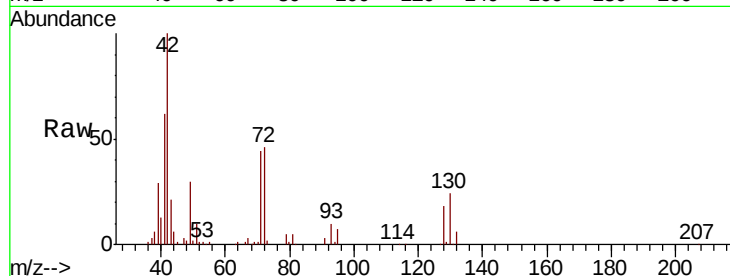




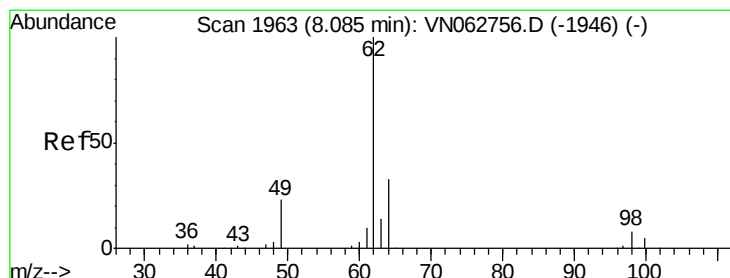
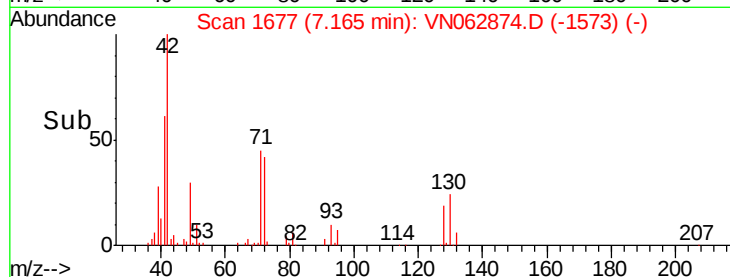
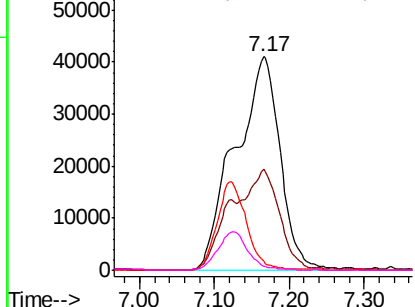
#41
Methacrylonitrile
Concen: 145.035 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN062874.D
Acq: 12 Aug 2020 22:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 41 Resp: 171947
Ion Ratio Lower Upper
41 100
39 0.0 69.4 104.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

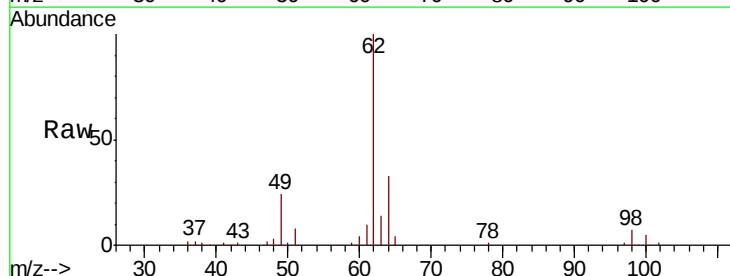


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

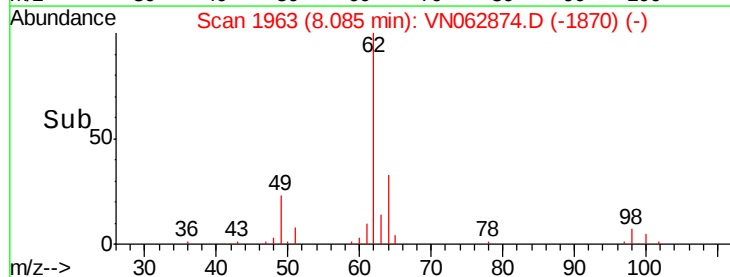
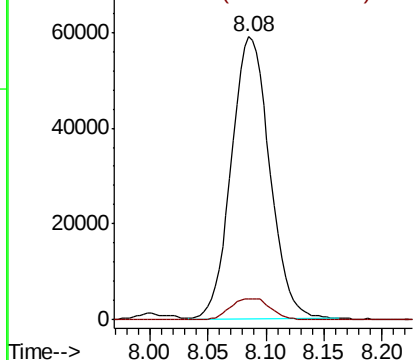


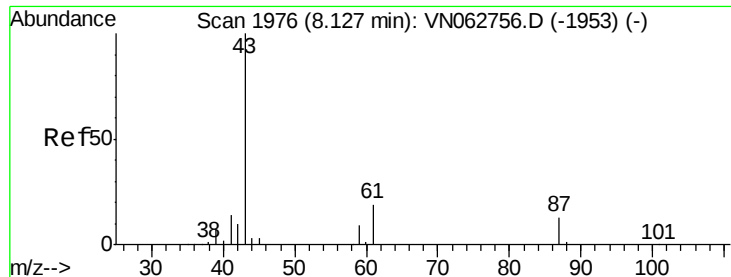
#42
1,2-Dichloroethane
Concen: 42.397 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062874.D
Acq: 12 Aug 2020 22:40

Tgt Ion: 62 Resp: 135433
Ion Ratio Lower Upper
62 100
98 7.9 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 39.764 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

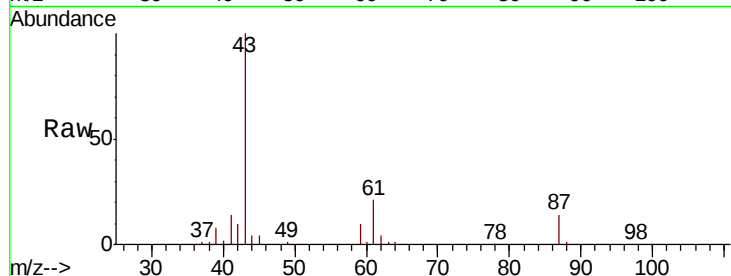
Tot Ion: 43 Resp: 174257

Ion Ratio Lower Upper

43 100

61 20.5 15.8 23.6

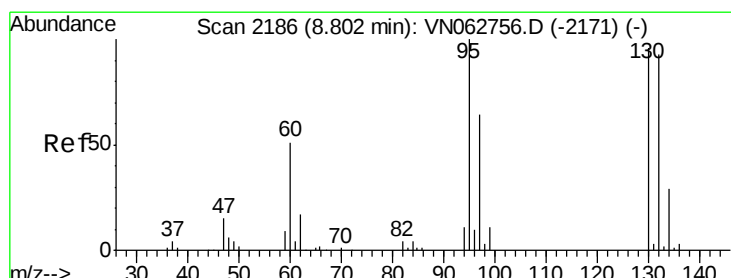
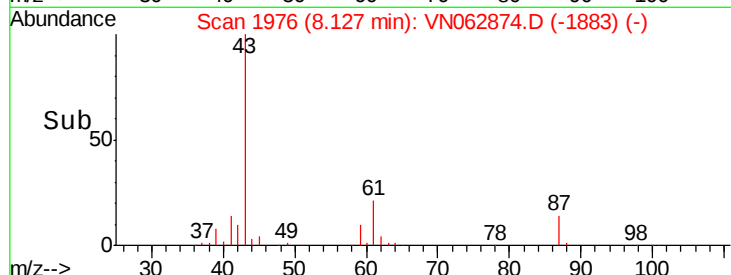
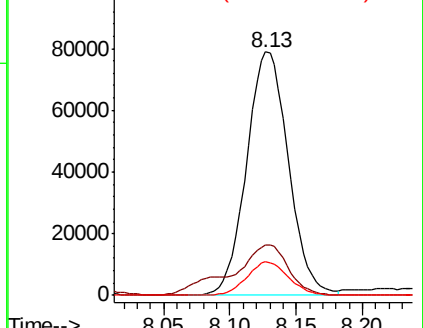
87 13.6 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VN062874.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062874.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062874.D (-1953) (-)



#44

Trichloroethene

Concen: 42.542 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062874.D

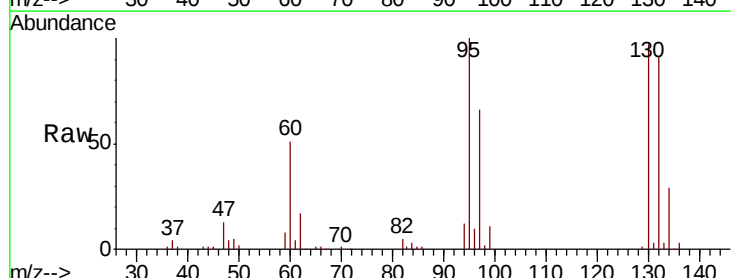
Acq: 12 Aug 2020 22:40

Tgt Ion: 130 Resp: 77790

Ion Ratio Lower Upper

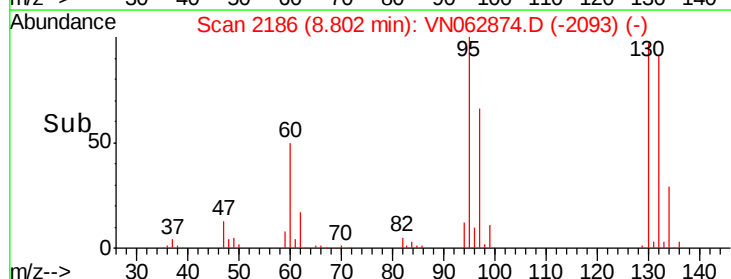
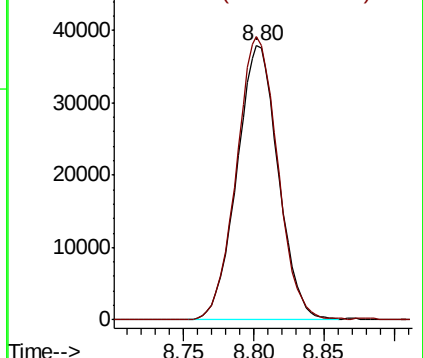
130 100

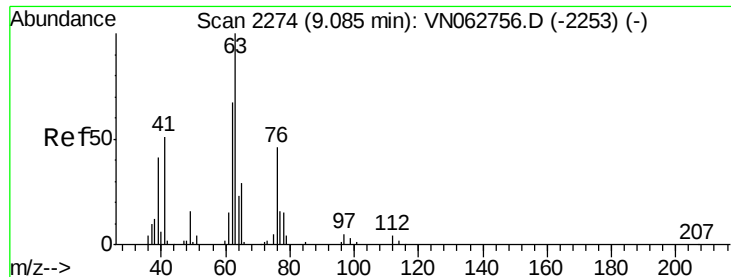
95 103.2 0.0 207.6



Abundance Ion 129.80 (129.50 to 130.50): VN062874.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062874.D (-2093) (-)





#45

1,2-Dichloropropane

Concen: 42.445 ug/l

RT: 9.09 min Scan# 2275

Delta R.T. 0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

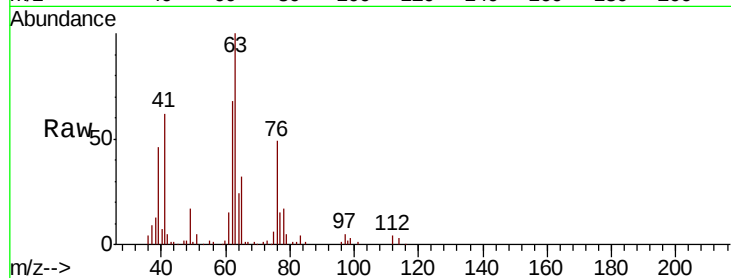
VSTDCCC050

Tot Ion: 63 Resp: 86219

Ion Ratio Lower Upper

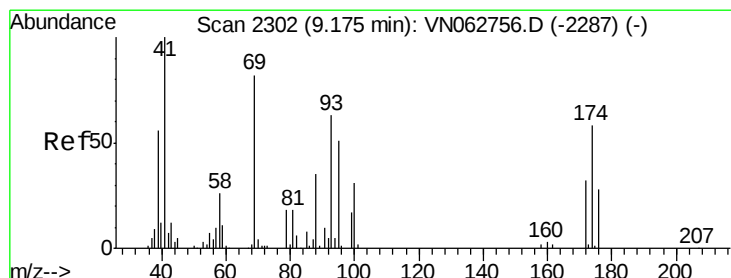
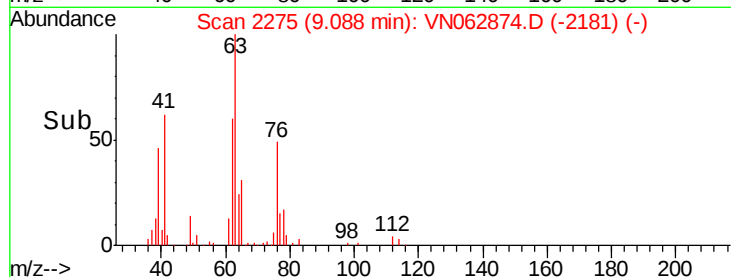
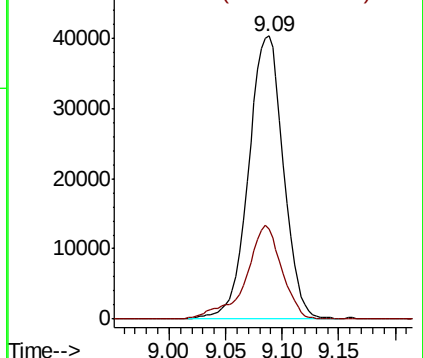
63 100

65 32.0 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 44.148 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. 0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

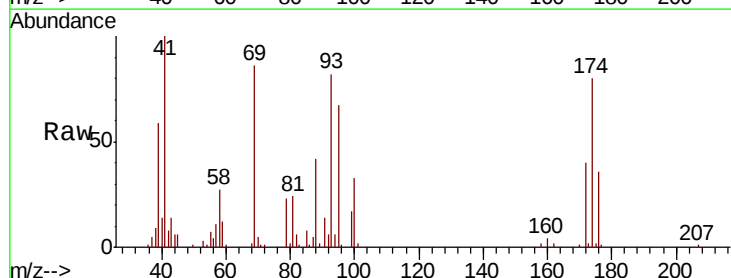
Tgt Ion: 93 Resp: 58758

Ion Ratio Lower Upper

93 100

95 81.5 65.1 97.7

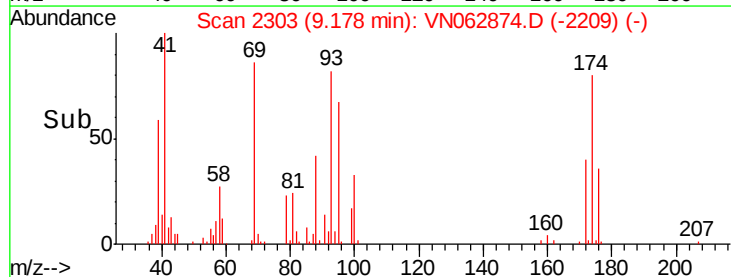
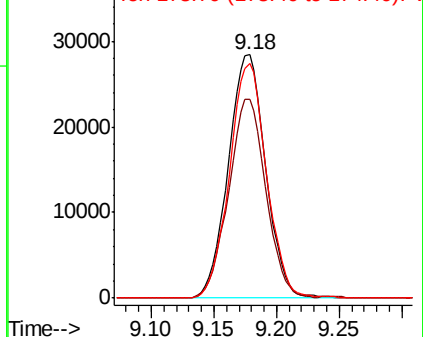
174 95.3 73.9 110.9

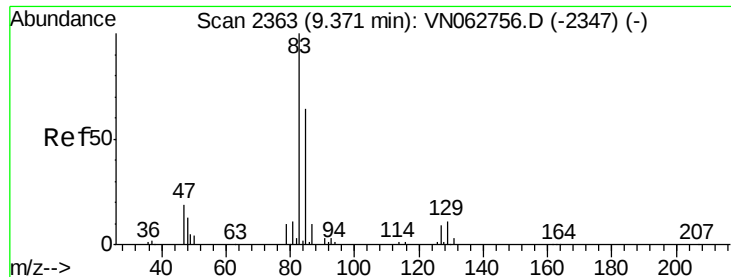


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 45.099 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

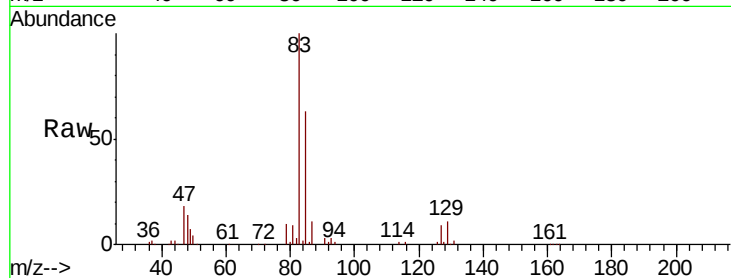
Tot Ion: 83 Resp: 134812

Ion Ratio Lower Upper

83 100

85 63.5 51.4 77.0

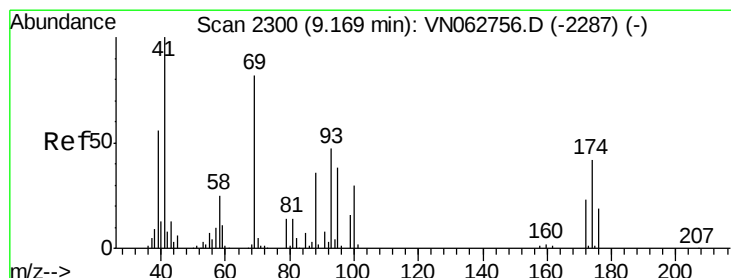
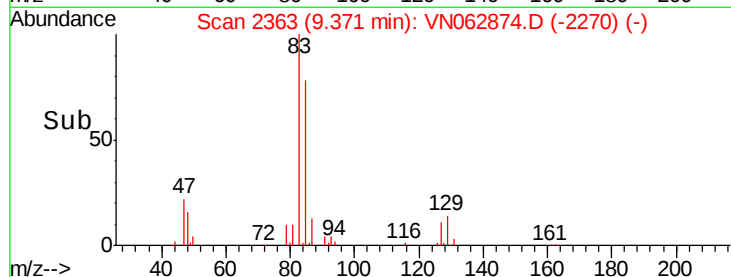
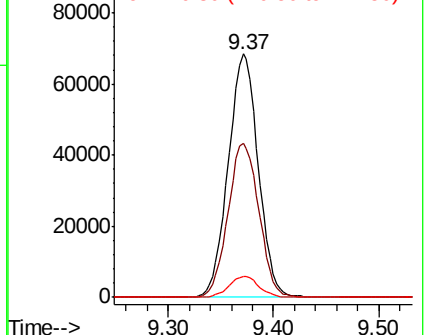
127 8.6 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062874.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062874.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062874.D (-2270) (-)



#48

Methyl methacrylate

Concen: 40.591 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

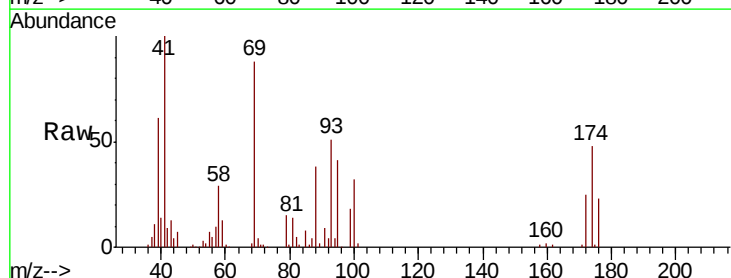
Tgt Ion: 41 Resp: 87493

Ion Ratio Lower Upper

41 100

69 89.7 67.4 101.2

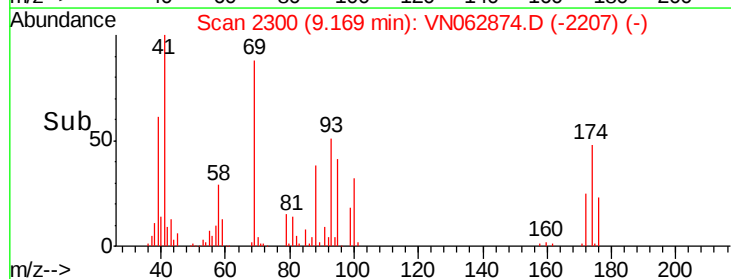
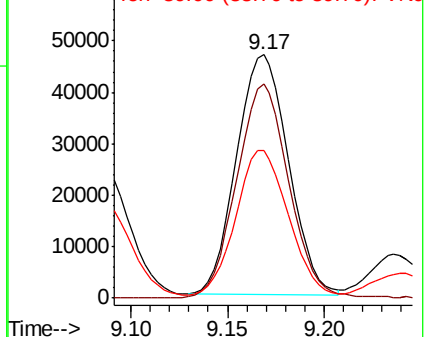
39 60.7 47.6 71.4



Abundance Ion 41.00 (40.70 to 41.70): VN062874.D (-2207) (-)

Ion 69.00 (68.70 to 69.70): VN062874.D (-2207) (-)

Ion 39.00 (38.70 to 39.70): VN062874.D (-2207) (-)





#49

1,4-Dioxane

Concen: 934.504 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

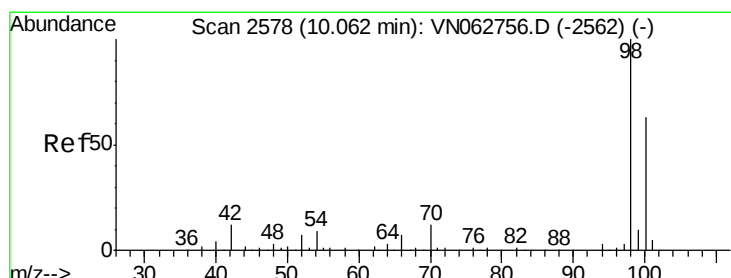
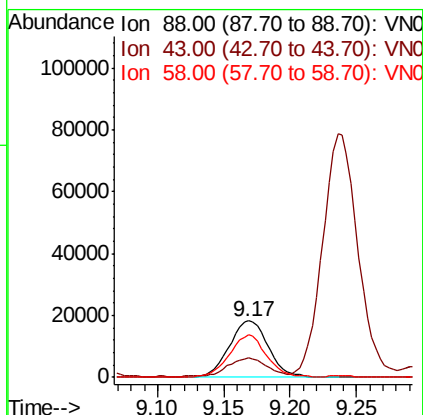
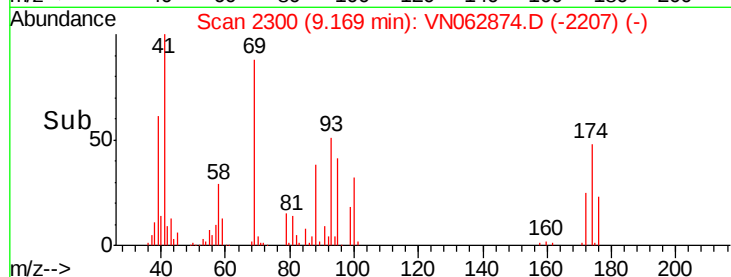
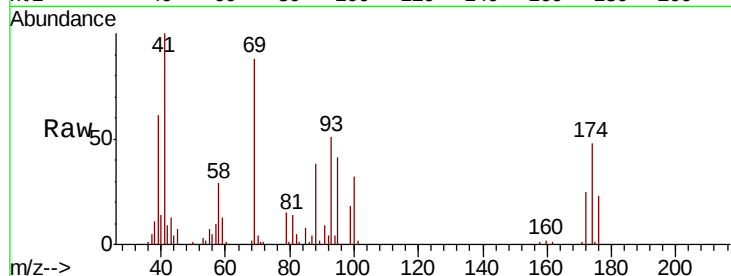
Tot Ion: 88 Resp: 37324

Ion Ratio Lower Upper

88 100

43 31.1 29.5 44.3

58 71.3 59.8 89.8



#50

Toluene-d8

Concen: 50.316 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. -0.00 min

Lab File: VN062874.D

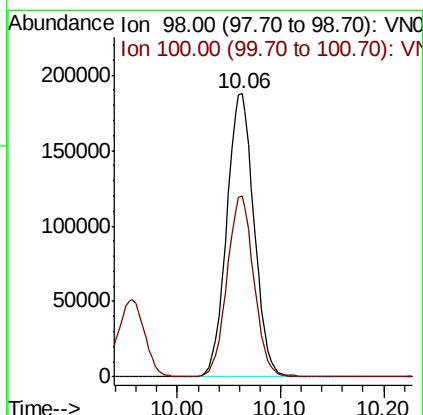
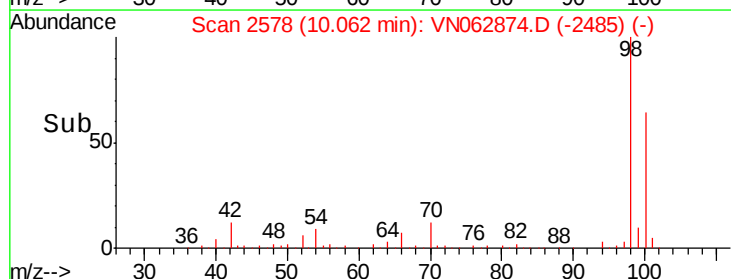
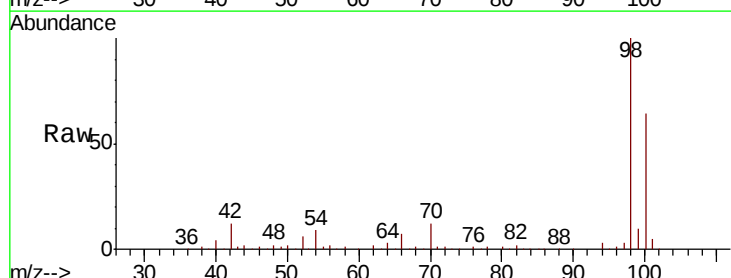
Acq: 12 Aug 2020 22:40

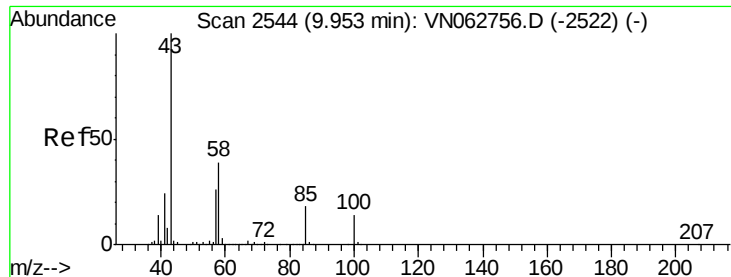
Tgt Ion: 98 Resp: 347096

Ion Ratio Lower Upper

98 100

100 62.3 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 213.211 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

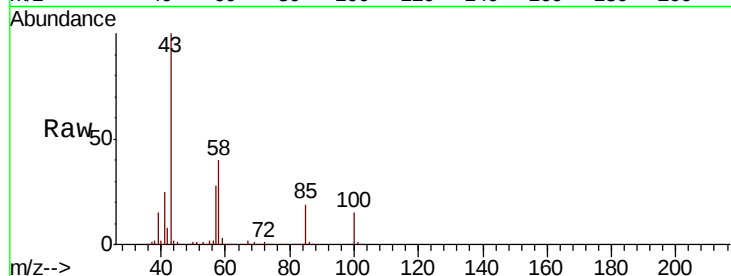
VSTDCCC050

Tot Ion: 43 Resp: 604537

Ion Ratio Lower Upper

43 100

58 39.8 31.1 46.7



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-2522) (-)

Ion 58.00 (57.70 to 58.70): VN062756.D (-2522) (-)

9.95

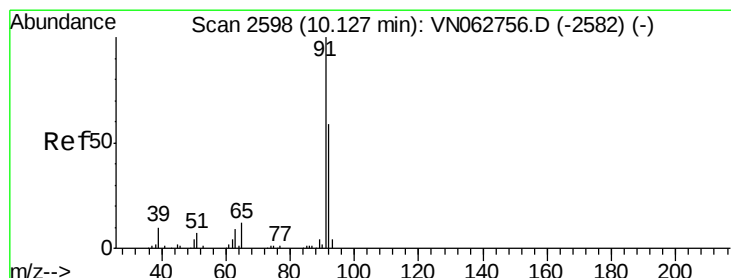
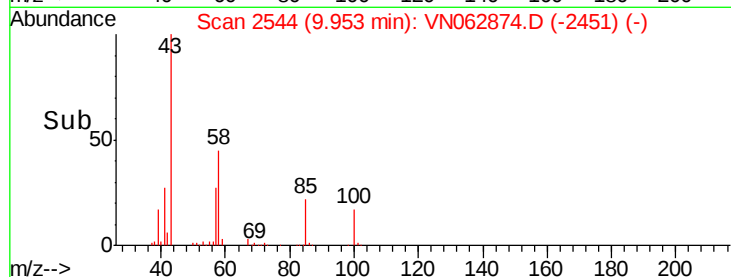
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 44.562 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VN062874.D

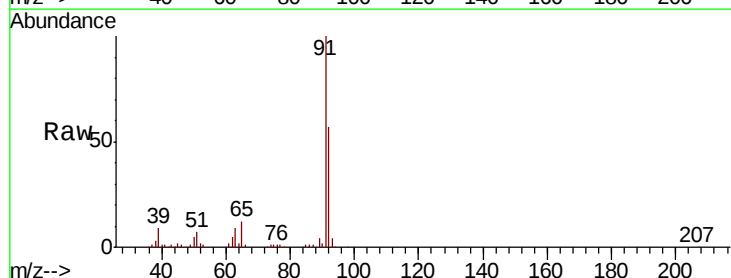
Acq: 12 Aug 2020 22:40

Tgt Ion: 92 Resp: 206498

Ion Ratio Lower Upper

92 100

91 172.6 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN062756.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN062756.D (-2582) (-)

10.13

200000

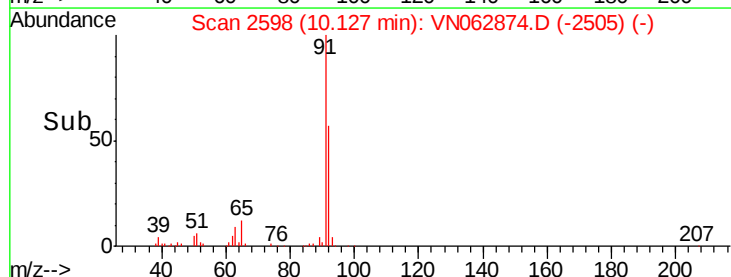
150000

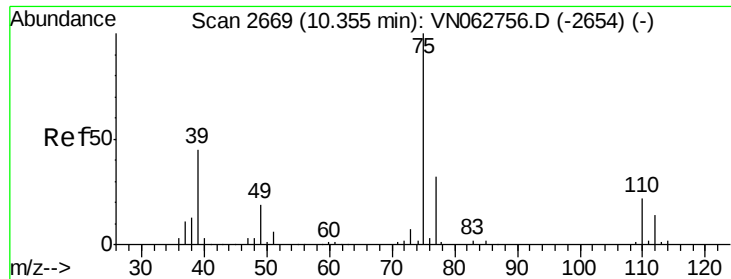
100000

50000

0

Time-->

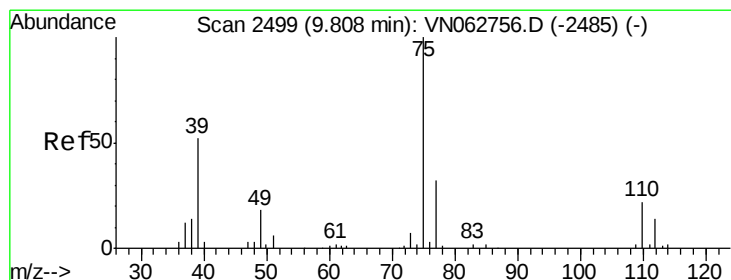
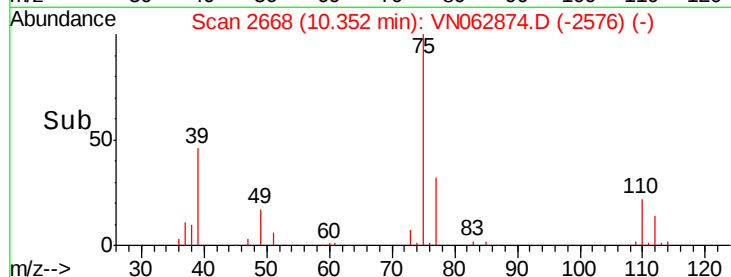
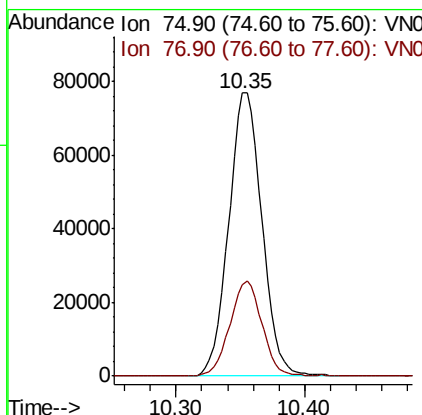
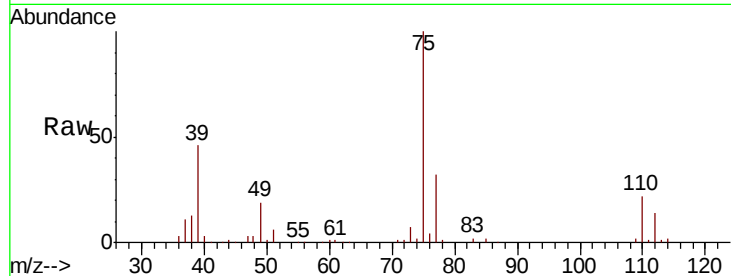




#53
 t-1,3-Dichloropropene
 Concen: 41.835 ug/l
 RT: 10.35 min Scan# 2668
 Delta R.T. -0.00 min
 Lab File: VN062874.D
 Acq: 12 Aug 2020 22:40

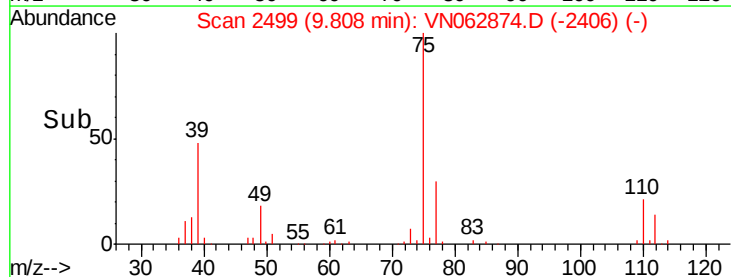
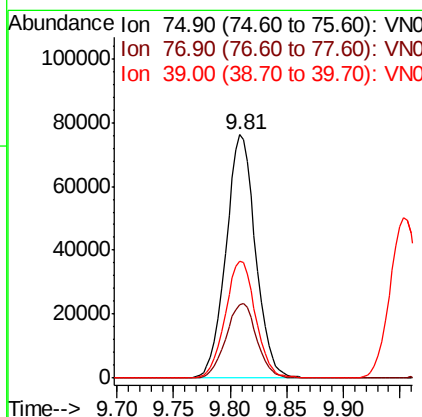
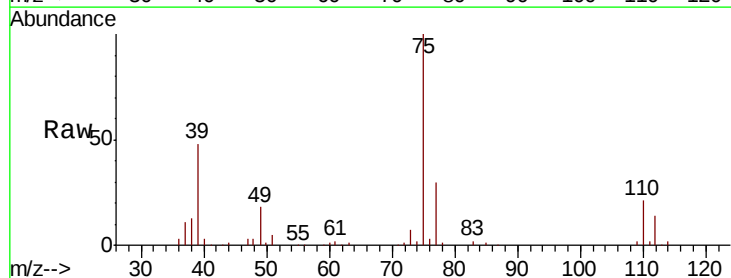
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

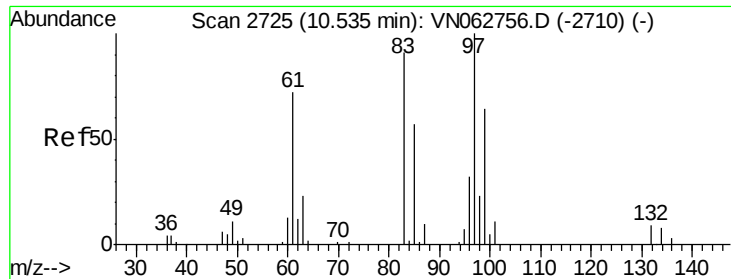
Tot Ion: 75 Resp: 137555
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 41.970 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VN062874.D
 Acq: 12 Aug 2020 22:40

Tgt Ion: 75 Resp: 138553
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.5 38.3
 39 48.1 41.9 62.9





#55

1,1,2-Trichloroethane

Concen: 43.441 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 85974

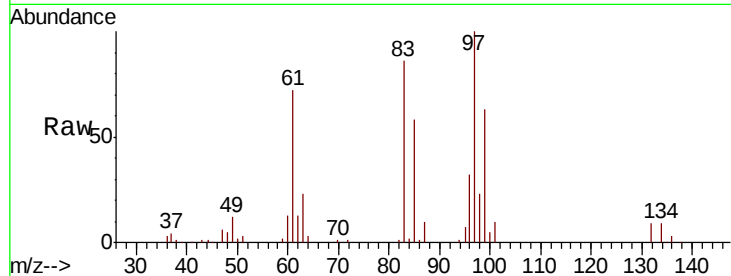
Ion Ratio Lower Upper

97 100

83 85.9 72.6 108.8

85 58.4 46.0 69.0

99 62.5 51.1 76.7

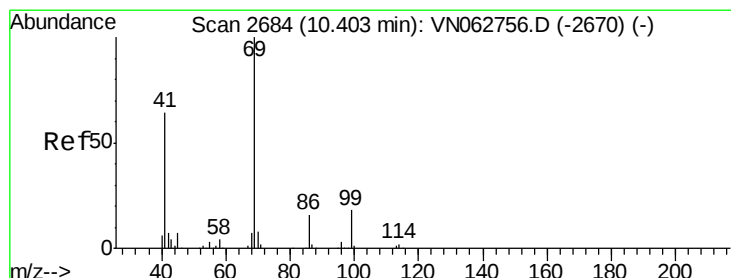
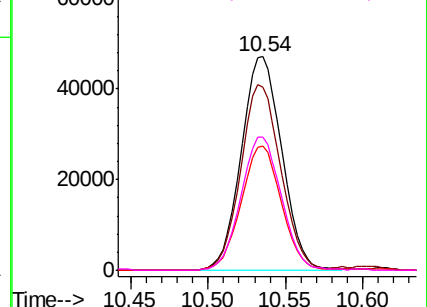
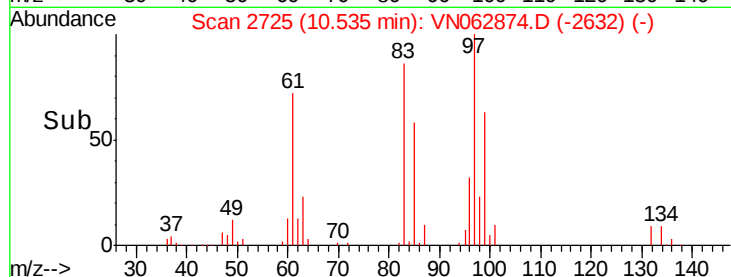


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 45.660 ug/l

RT: 10.40 min Scan# 2684

Delta R.T. -0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

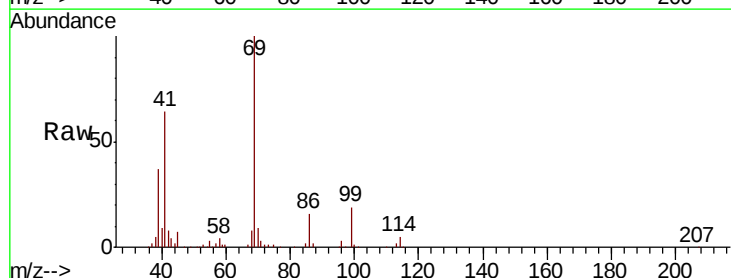
Tgt Ion: 69 Resp: 136018

Ion Ratio Lower Upper

69 100

41 63.2 52.2 78.2

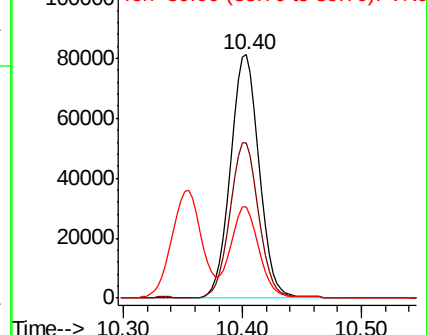
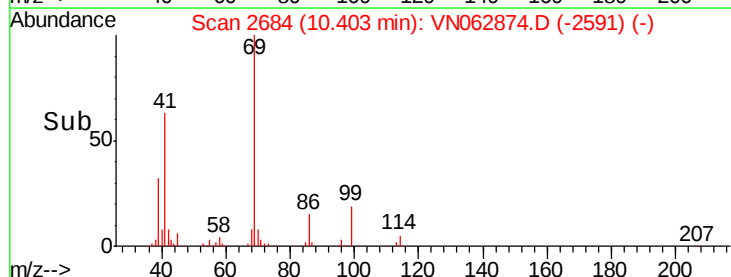
39 37.2 30.9 46.3

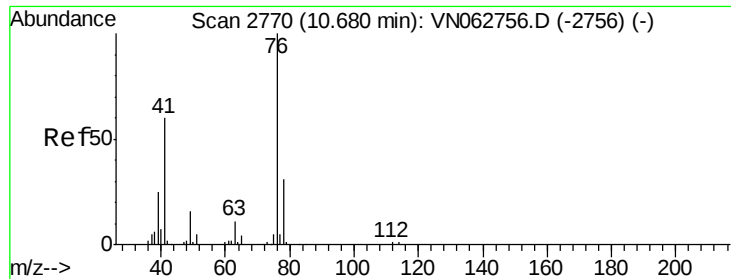


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

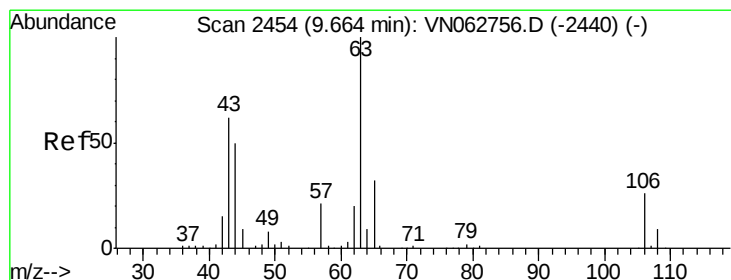
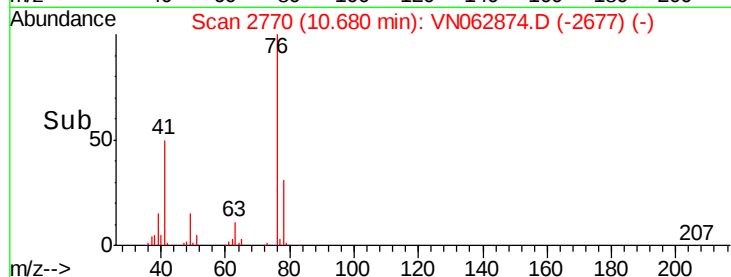
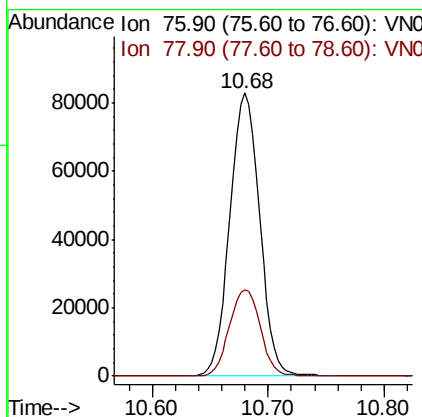
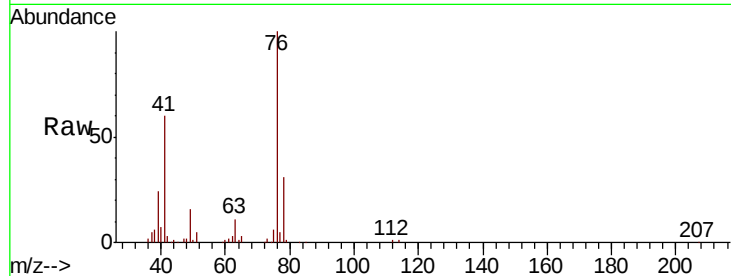




#57
 1,3-Dichloropropane
 Concen: 44.075 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062874.D
 Acq: 12 Aug 2020 22:40

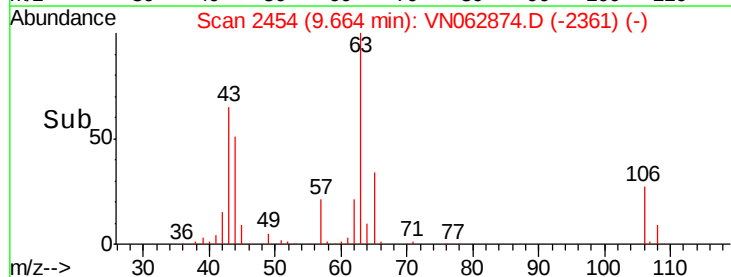
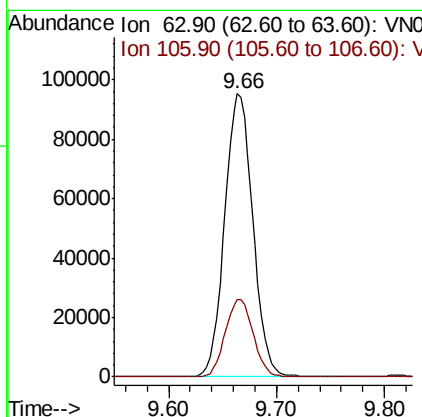
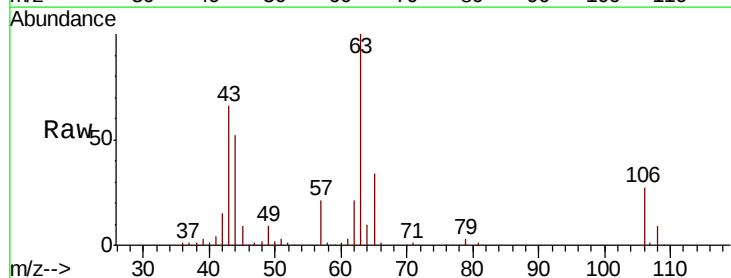
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

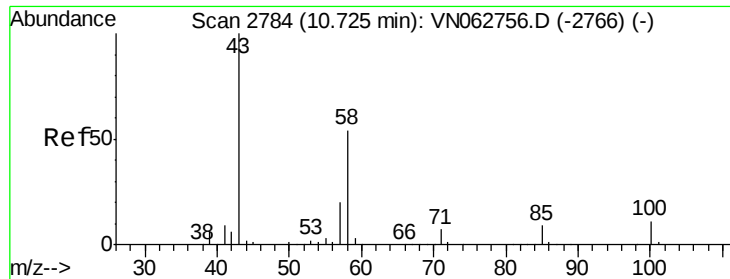
Tot Ion: 76 Resp: 148213
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 206.264 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062874.D
 Acq: 12 Aug 2020 22:40

Tgt Ion: 63 Resp: 173683
 Ion Ratio Lower Upper
 63 100
 106 27.3 20.9 31.3

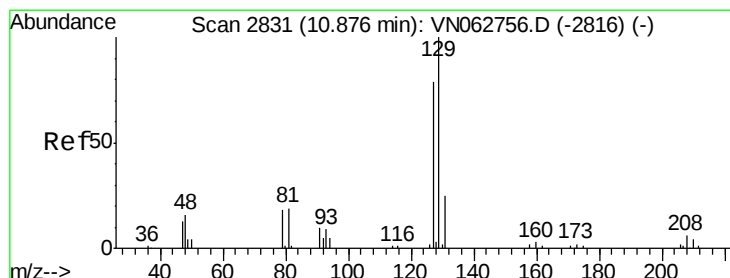
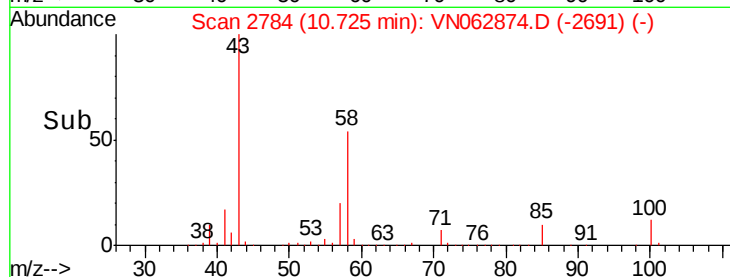
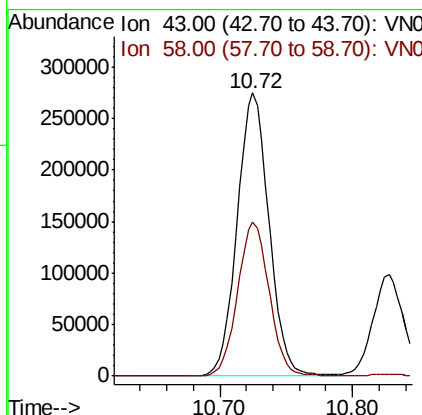
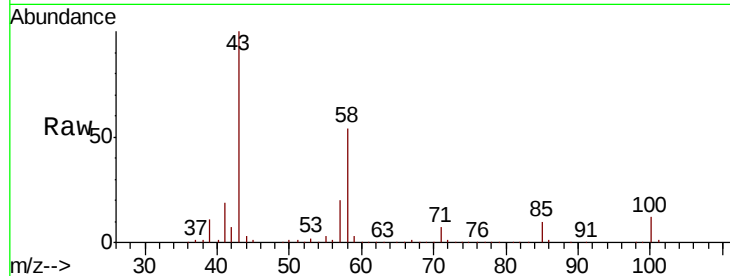




#59
2-Hexanone
Concen: 216.149 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062874.D
Acq: 12 Aug 2020 22:40

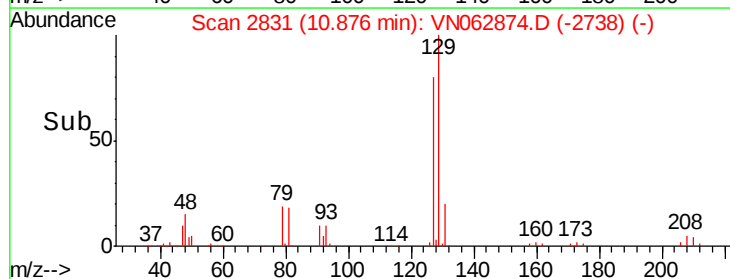
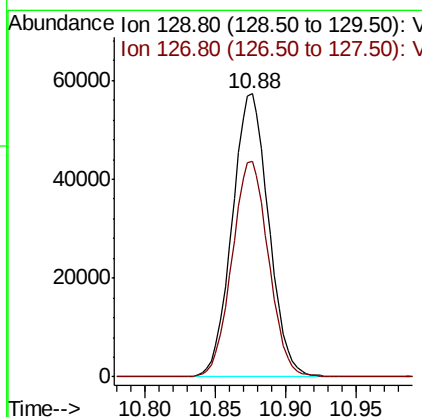
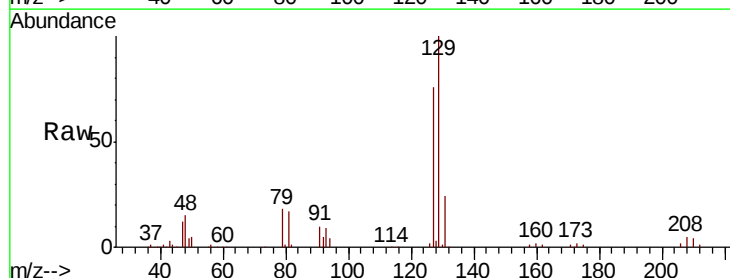
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

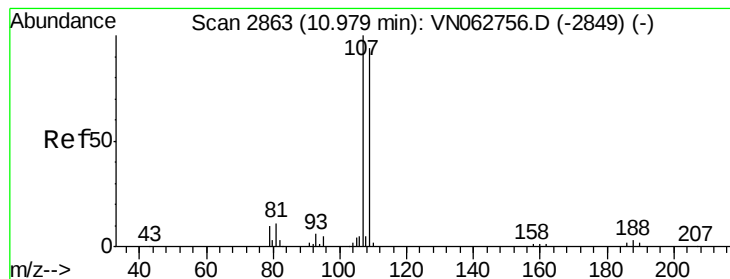
Tot Ion: 43 Resp: 457165
Ion Ratio Lower Upper
43 100
58 54.3 26.7 80.1



#60
Dibromochloromethane
Concen: 46.109 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. -0.00 min
Lab File: VN062874.D
Acq: 12 Aug 2020 22:40

Tgt Ion: 129 Resp: 104137
Ion Ratio Lower Upper
129 100
127 75.9 39.1 117.2





#61

1,2-Dibromoethane

Concen: 44.894 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. -0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

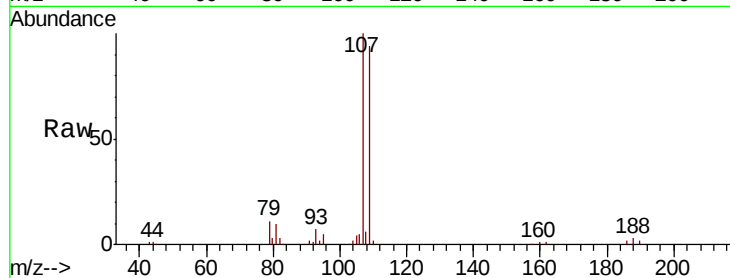
VSTDCCC050

Tot Ion:107 Resp: 87673

Ion Ratio Lower Upper

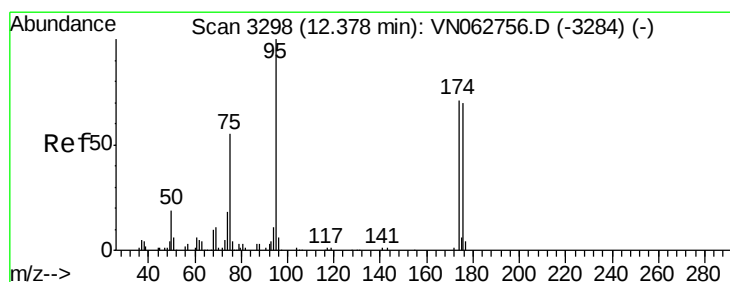
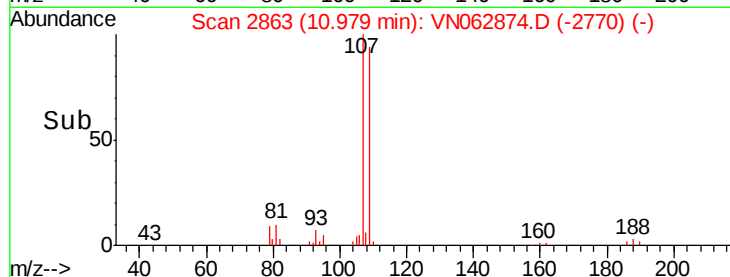
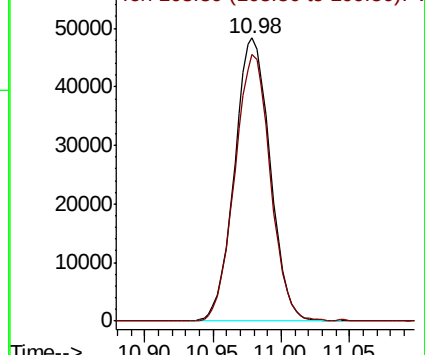
107 100

109 94.1 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.898 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

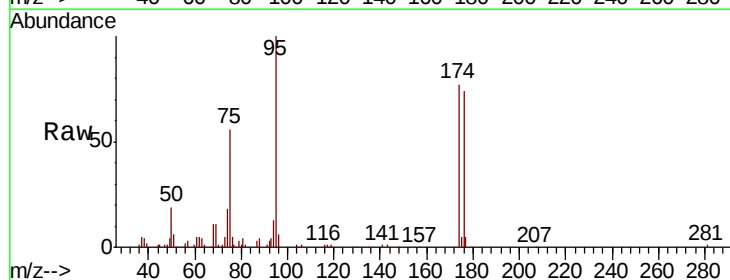
Tgt Ion: 95 Resp: 132685

Ion Ratio Lower Upper

95 100

174 74.9 0.0 144.8

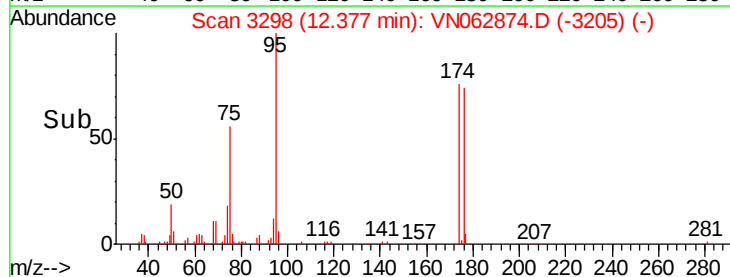
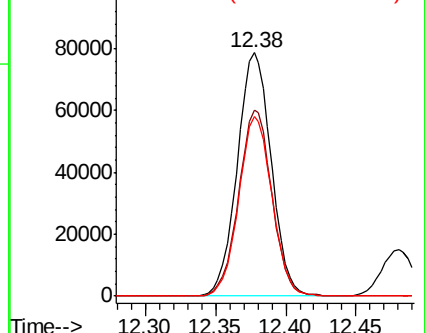
176 72.5 0.0 142.2

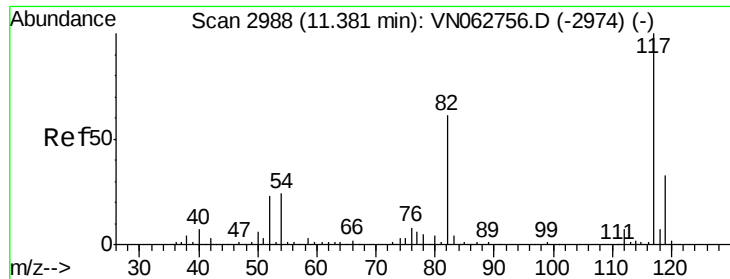


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

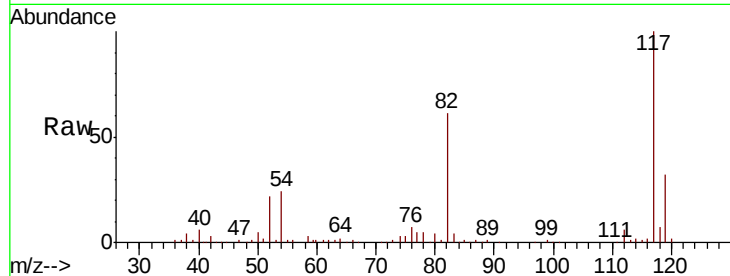




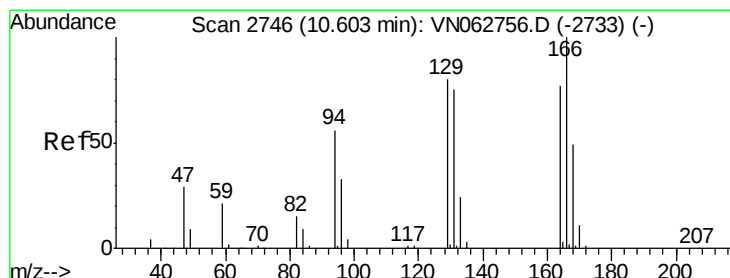
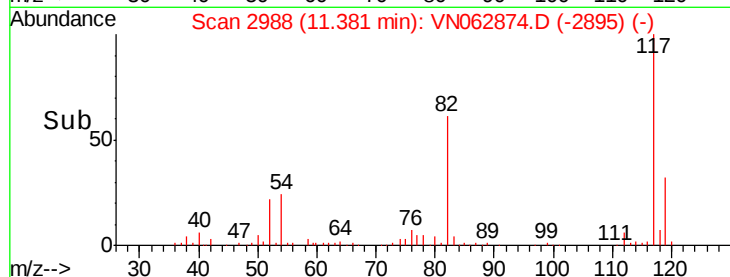
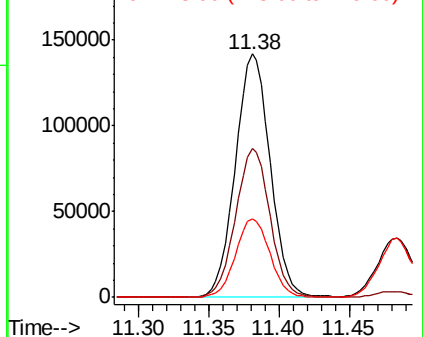
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062874.D
Acq: 12 Aug 2020 22:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 246071
Ion Ratio Lower Upper
117 100
82 61.1 49.0 73.4
119 32.3 26.2 39.2

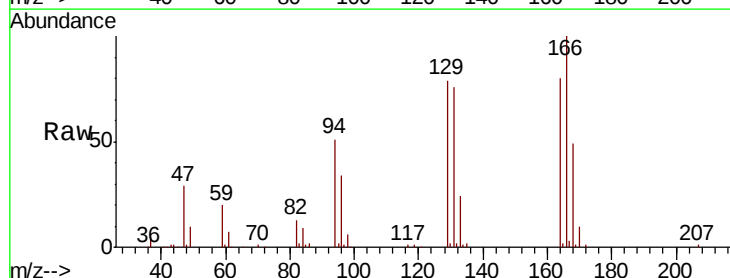


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

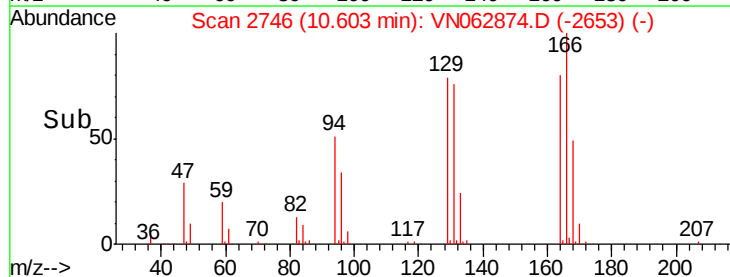
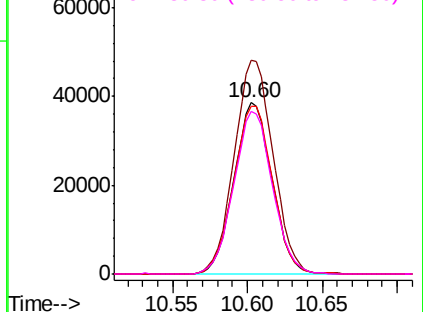


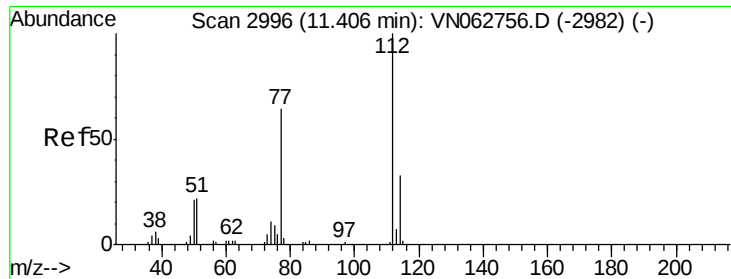
#64
Tetrachloroethene
Concen: 42.937 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062874.D
Acq: 12 Aug 2020 22:40

Tgt Ion:164 Resp: 68170
Ion Ratio Lower Upper
164 100
166 124.7 103.8 155.8
129 98.1 82.7 124.1
131 94.8 78.2 117.2



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

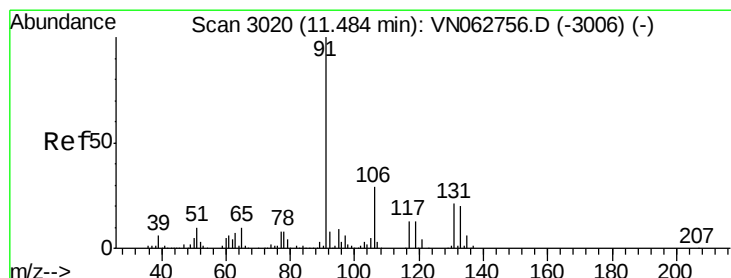
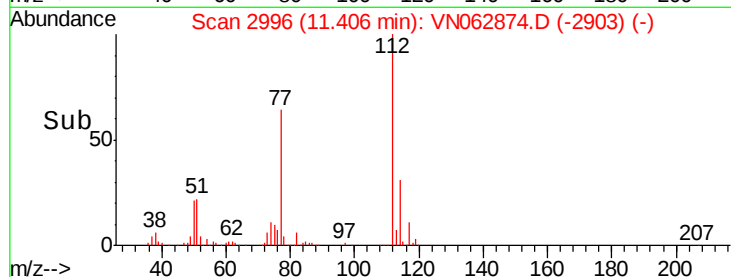
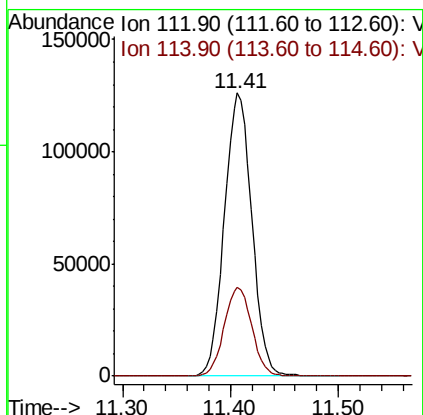
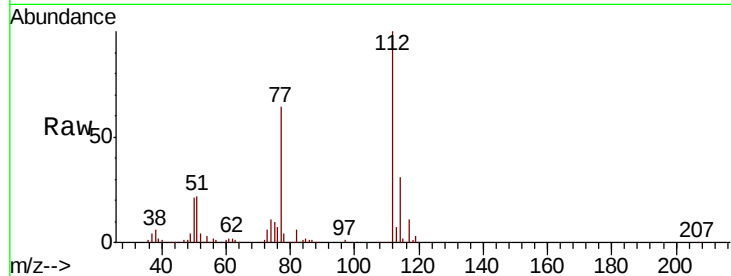




#65
Chlorobenzene
Concen: 43.529 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062874.D
Acq: 12 Aug 2020 22:40

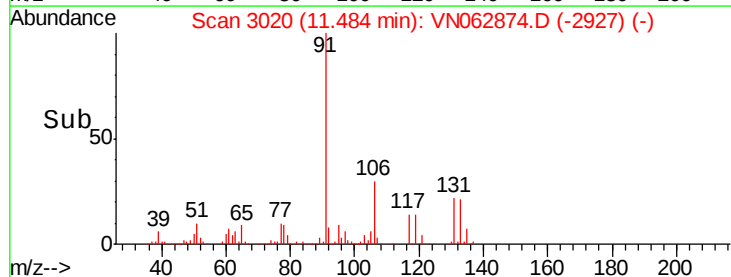
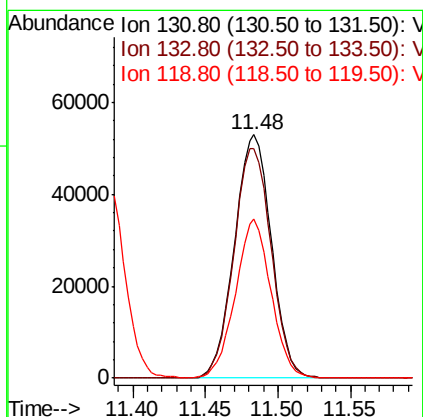
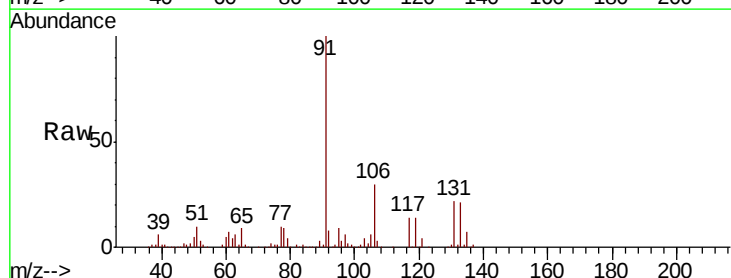
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

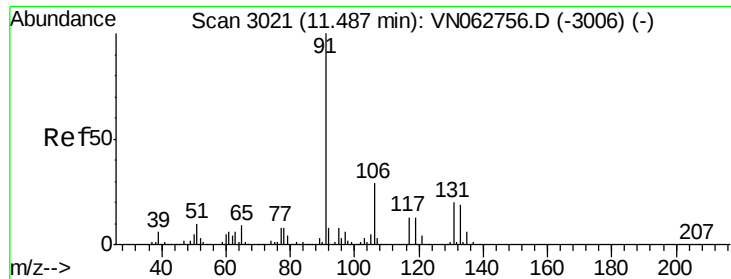
Tot Ion:112 Resp: 223904
Ion Ratio Lower Upper
112 100
114 31.2 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 45.437 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062874.D
Acq: 12 Aug 2020 22:40

Tgt Ion:131 Resp: 93856
Ion Ratio Lower Upper
131 100
133 95.5 48.6 145.8
119 62.8 32.2 96.6

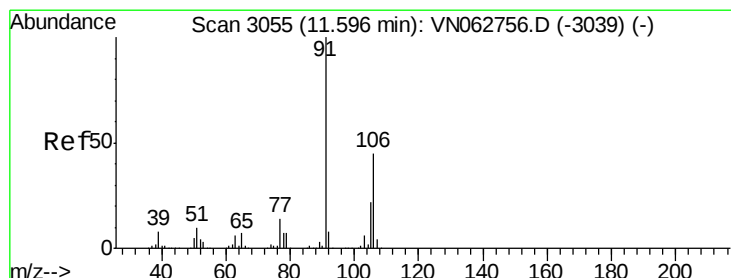
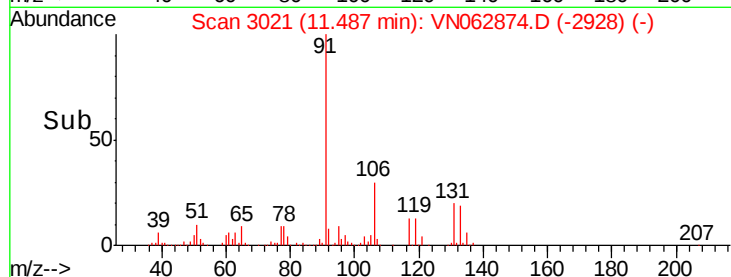
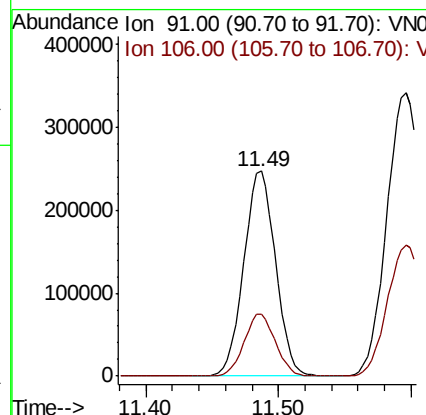
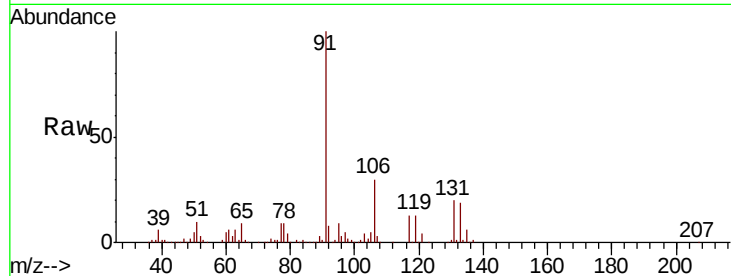




#67
Ethyl Benzene
Concen: 44.631 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. -0.00 min
Lab File: VN062874.D
Acq: 12 Aug 2020 22:40

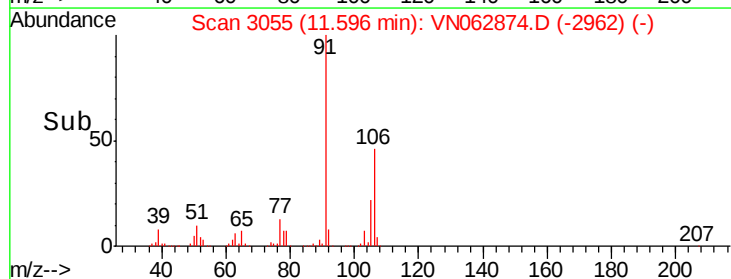
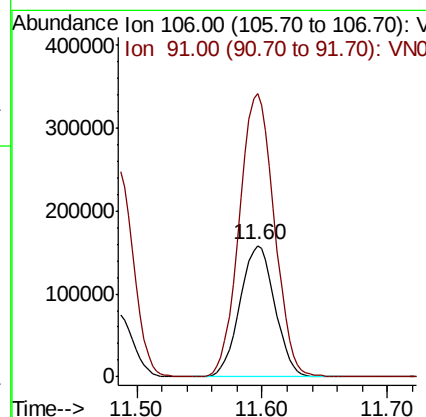
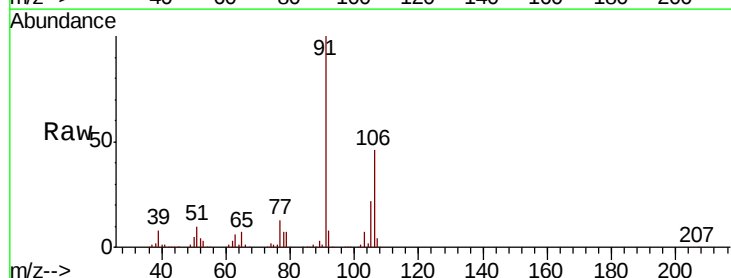
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 410822
Ion Ratio Lower Upper
91 100
106 30.1 23.2 34.8



#68
m/p-Xylenes
Concen: 91.393 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062874.D
Acq: 12 Aug 2020 22:40

Tgt Ion: 106 Resp: 305377
Ion Ratio Lower Upper
106 100
91 216.4 175.9 263.9

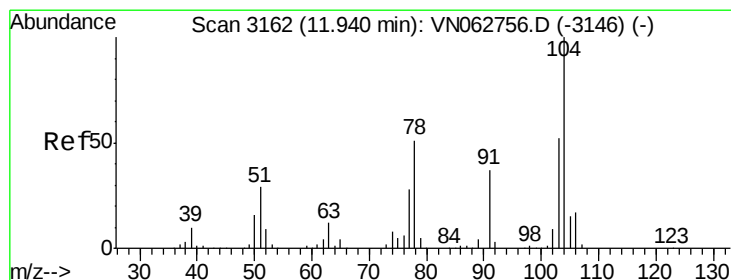
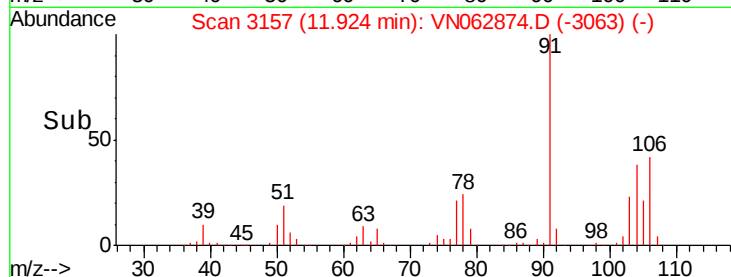
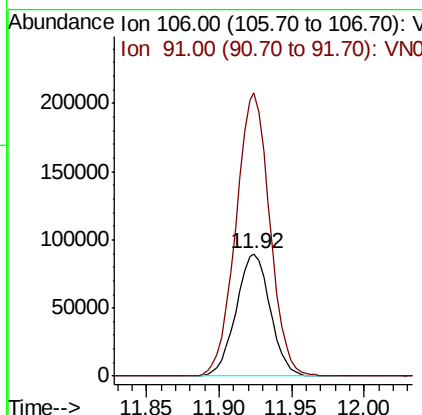
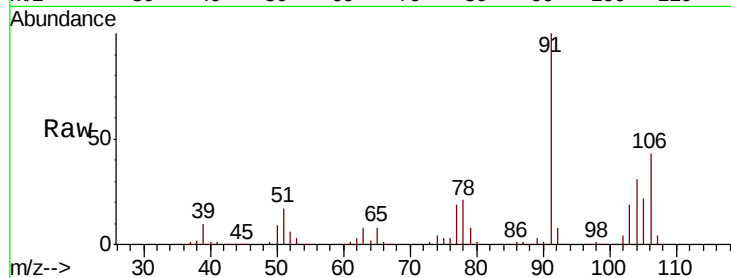




#69
o-Xylene
Concen: 46.795 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062874.D
Acq: 12 Aug 2020 22:40

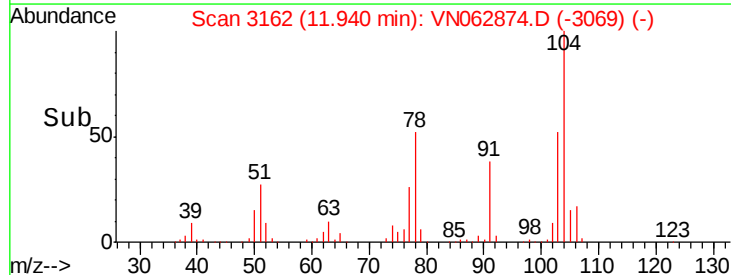
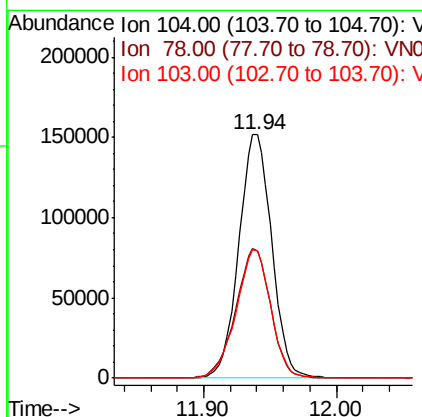
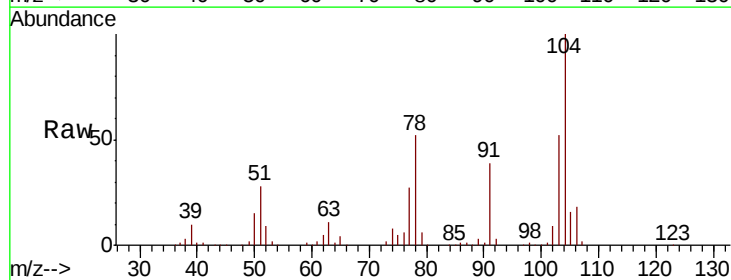
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

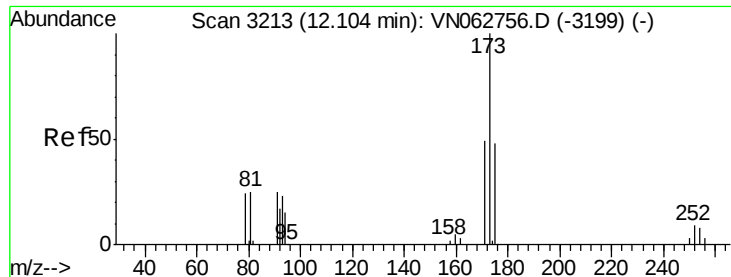
Tot Ion:106 Resp: 146529
Ion Ratio Lower Upper
106 100
91 230.2 115.8 347.4



#70
Styrene
Concen: 47.607 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN062874.D
Acq: 12 Aug 2020 22:40

Tgt Ion:104 Resp: 262029
Ion Ratio Lower Upper
104 100
78 56.2 45.9 68.9
103 55.3 45.1 67.7





#71

Bromoform

Concen: 45.182 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

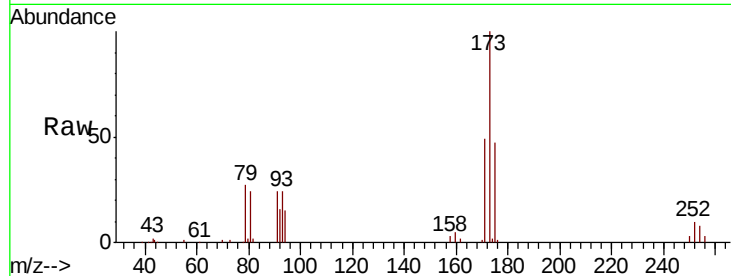
Tot Ion:173 Resp: 76361

Ion Ratio Lower Upper

173 100

175 46.9 24.0 72.0

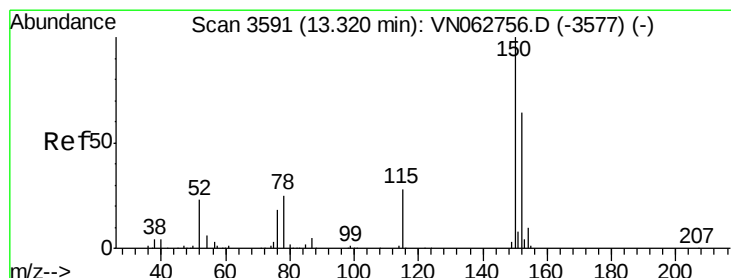
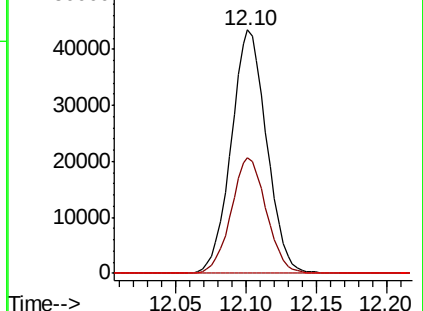
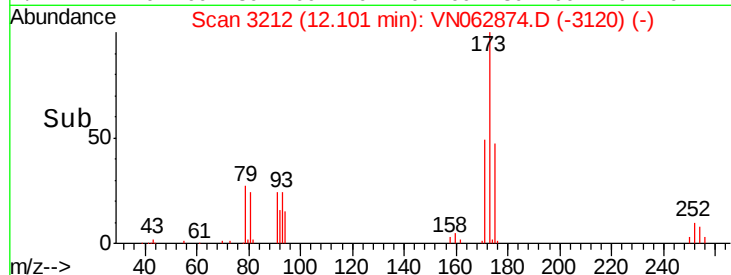
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

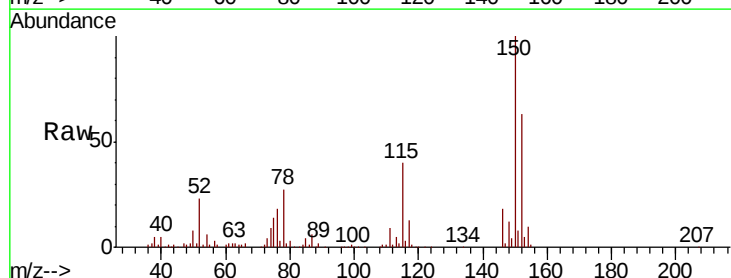
Tgt Ion:152 Resp: 123544

Ion Ratio Lower Upper

152 100

115 63.2 31.6 94.8

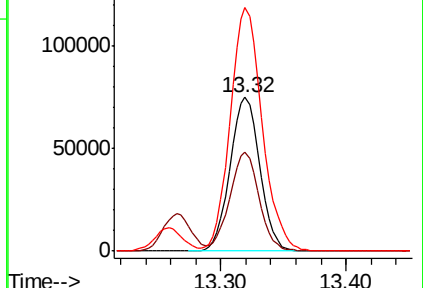
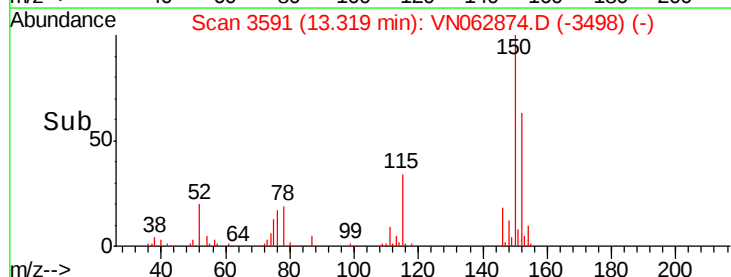
150 170.0 0.0 349.2

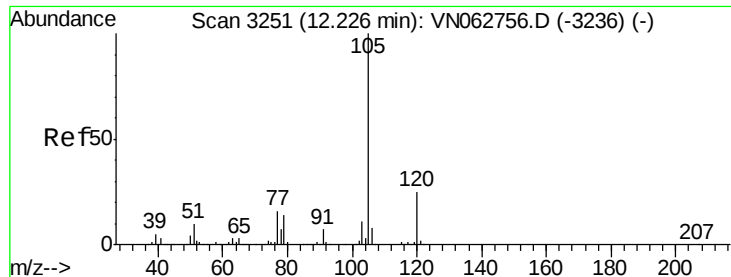


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 44.282 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. -0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

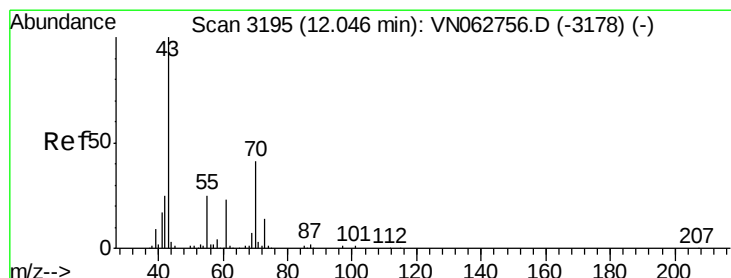
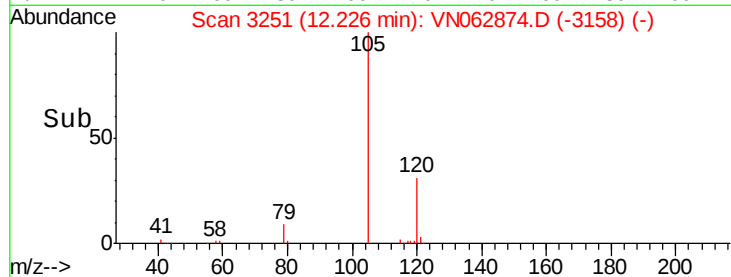
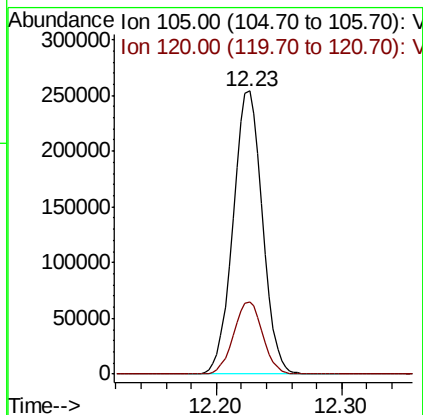
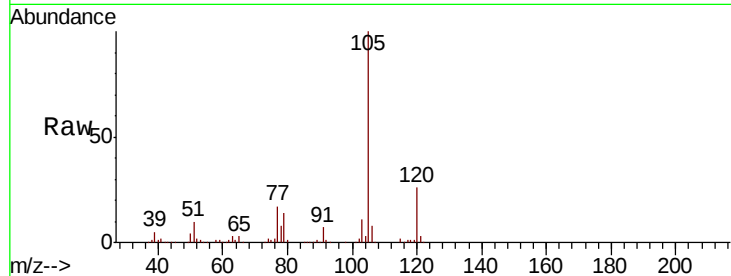
VSTDCCC050

Tot Ion:105 Resp: 411949

Ion Ratio Lower Upper

105 100

120 25.4 12.6 37.8



#74

N-ethyl acetate

Concen: 43.341 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

Tgt Ion: 43 Resp: 163391

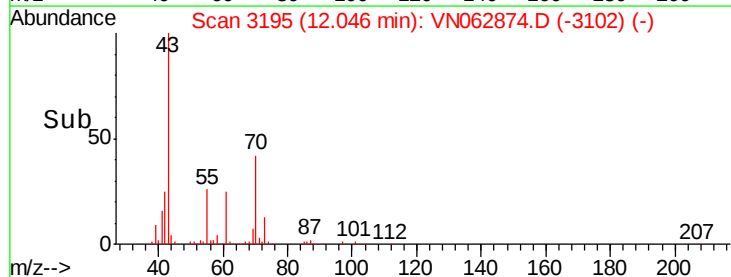
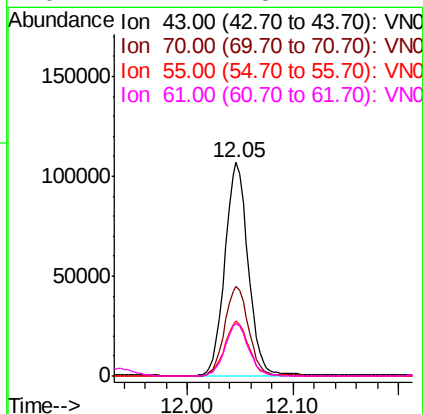
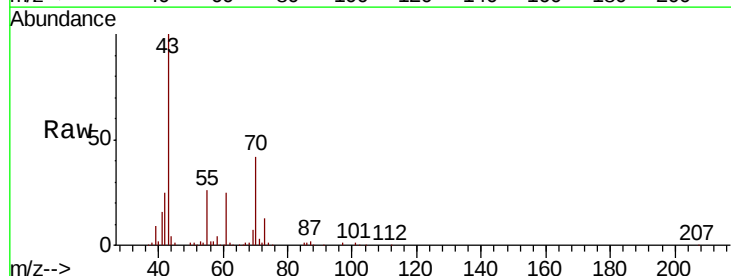
Ion Ratio Lower Upper

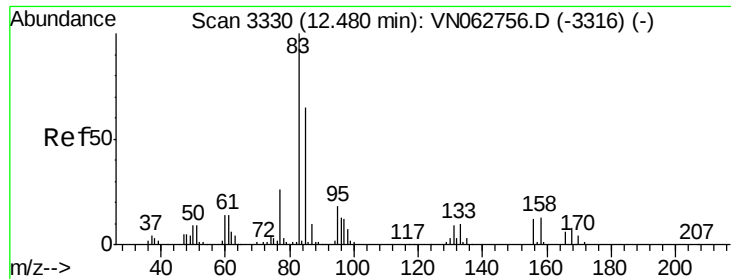
43 100

70 42.9 32.3 48.5

55 26.3 20.2 30.2

61 24.7 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 40.933 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

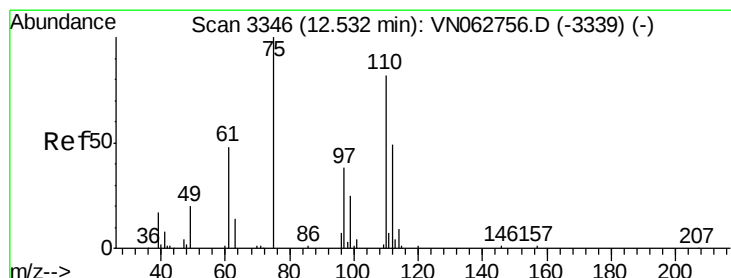
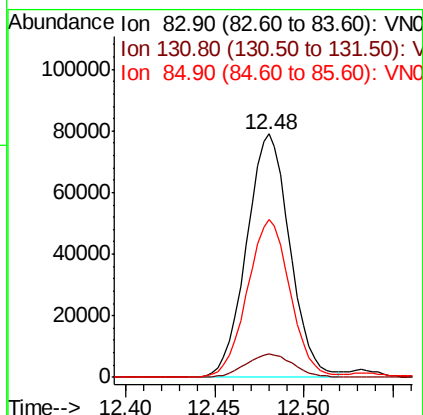
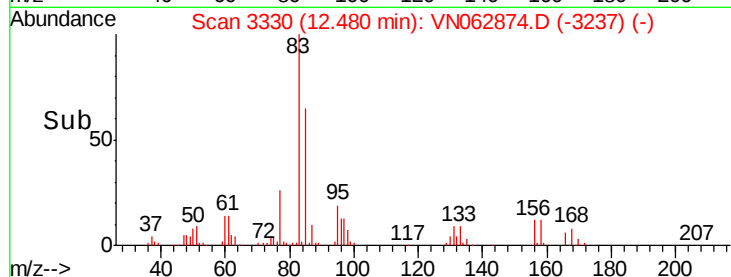
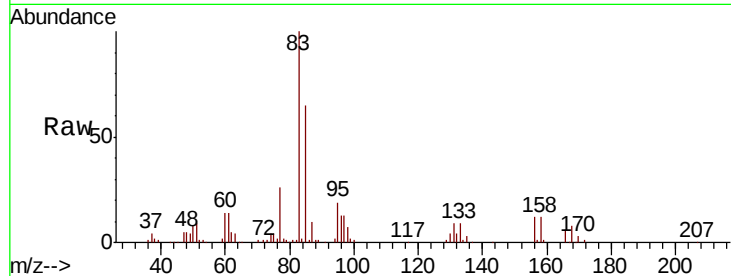
Tot Ion: 83 Resp: 134048

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.4

85 64.3 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 54.313 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062874.D

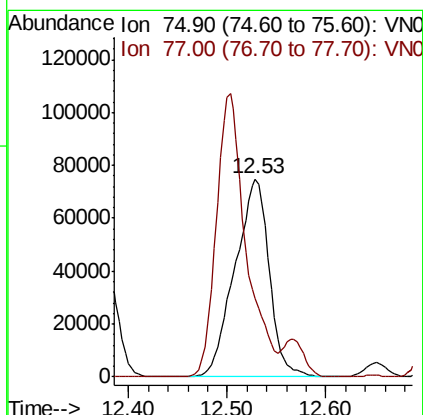
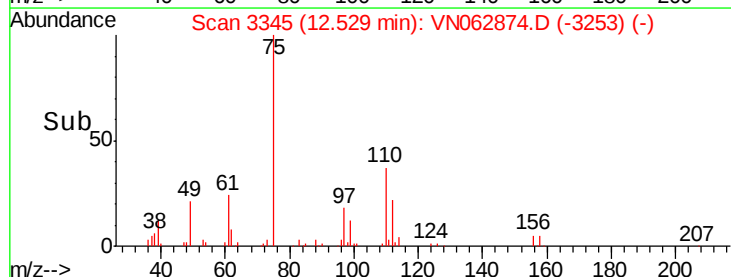
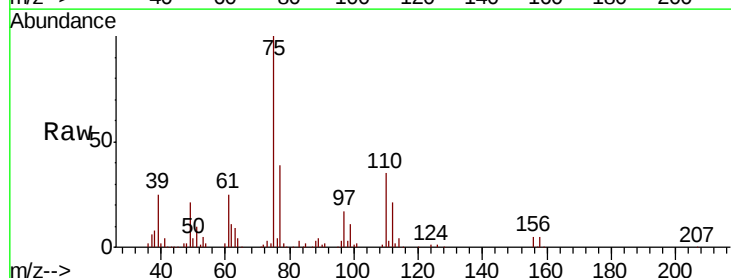
Acq: 12 Aug 2020 22:40

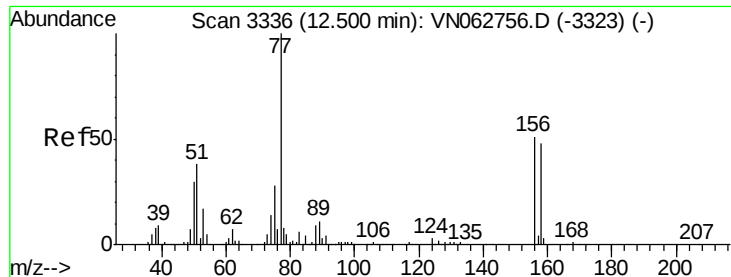
Tgt Ion: 75 Resp: 180962

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 43.275 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

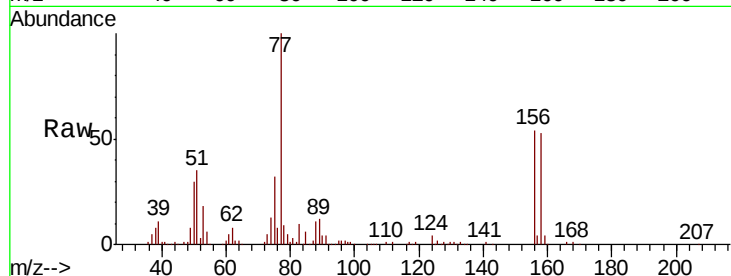
Tot Ion:156 Resp: 100028

Ion Ratio Lower Upper

156 100

77 226.2 119.7 359.1

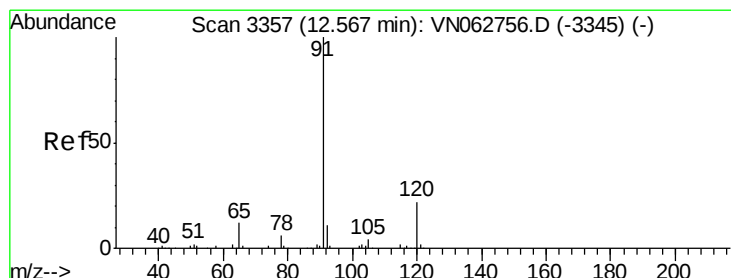
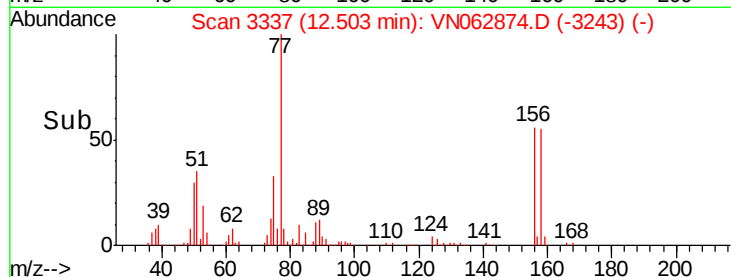
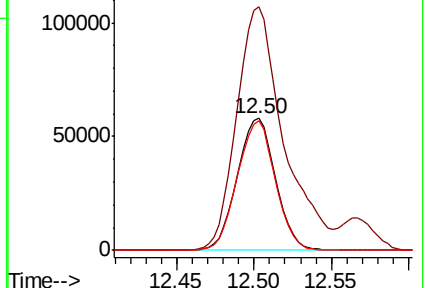
158 96.7 48.1 144.3



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: 43.476 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062874.D

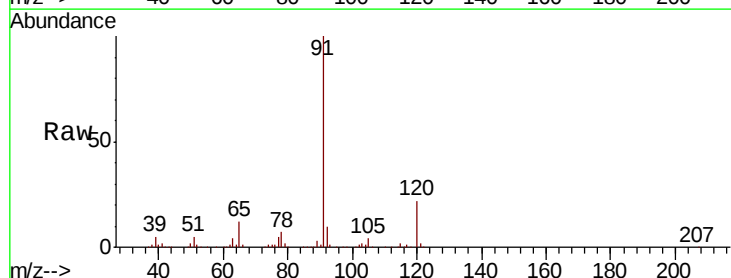
Acq: 12 Aug 2020 22:40

Tgt Ion: 91 Resp: 474765

Ion Ratio Lower Upper

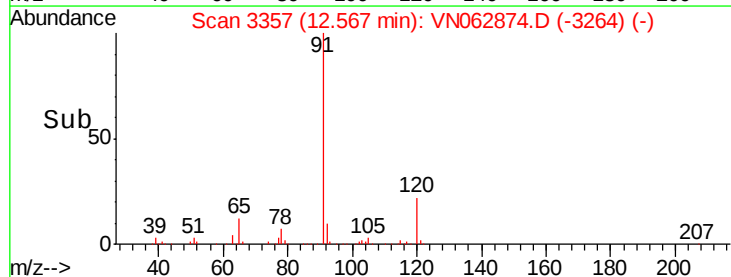
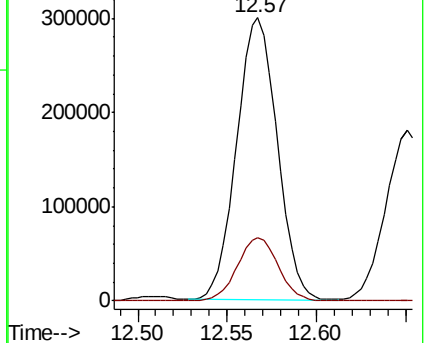
91 100

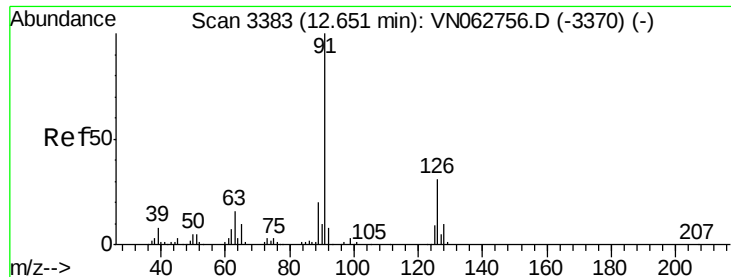
120 22.5 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 42.808 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

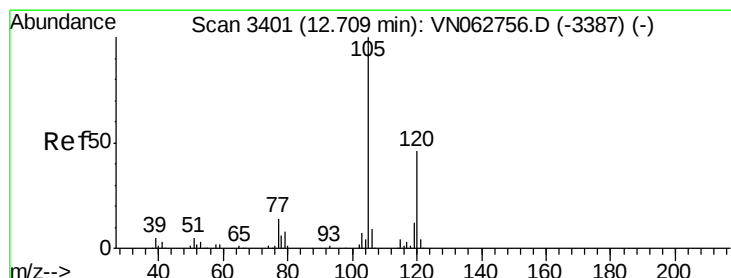
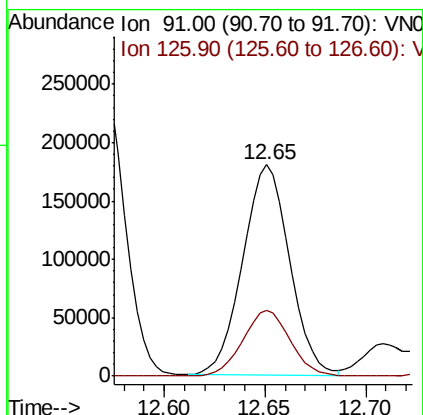
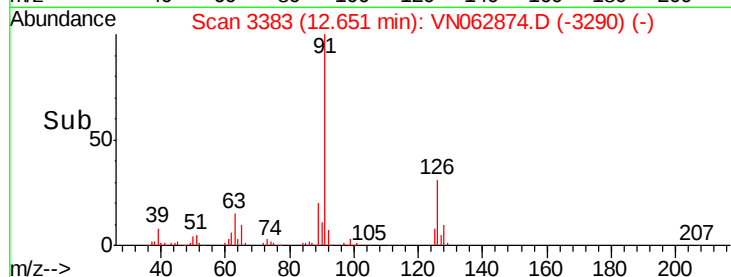
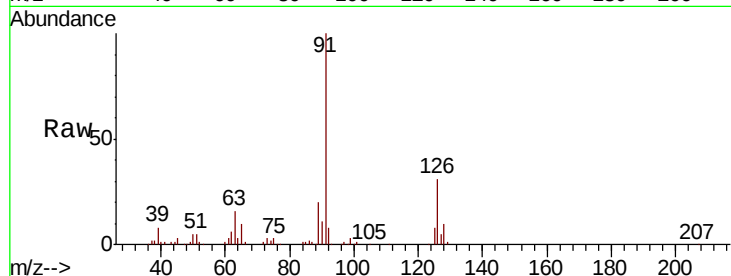
VSTDCCC050

Tot Ion: 91 Resp: 293149

Ion Ratio Lower Upper

91 100

126 31.7 15.6 46.7



#80

1,3,5-Trimethylbenzene

Concen: 45.848 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062874.D

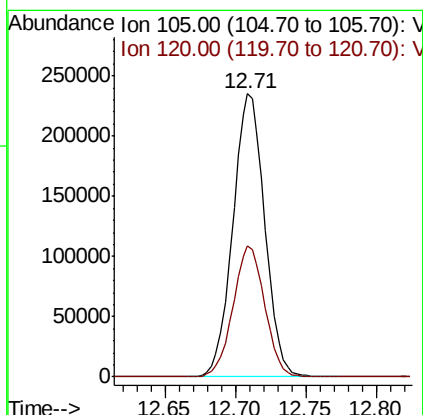
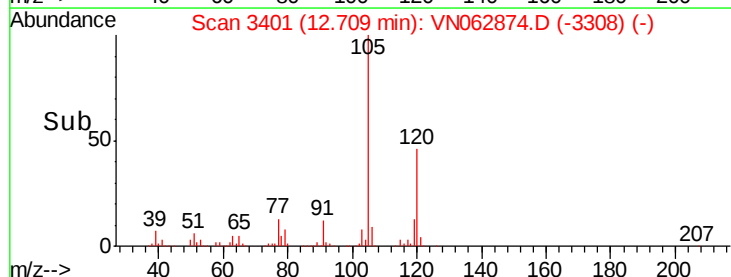
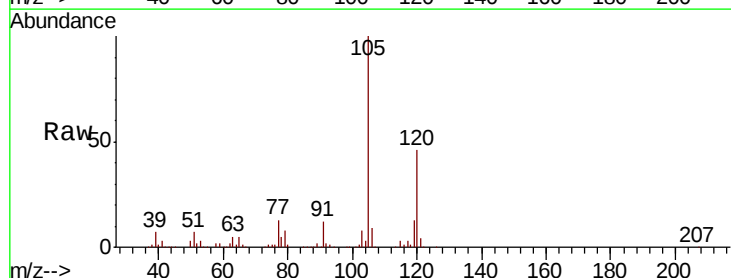
Acq: 12 Aug 2020 22:40

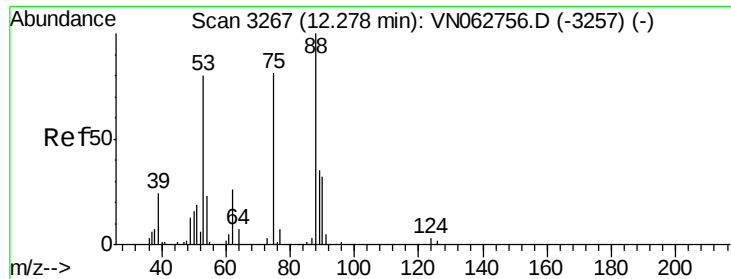
Tgt Ion: 105 Resp: 370024

Ion Ratio Lower Upper

105 100

120 46.2 22.9 68.5





#81

trans-1,4-Dichloro-2-butene

Concen: 39.650 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. -0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

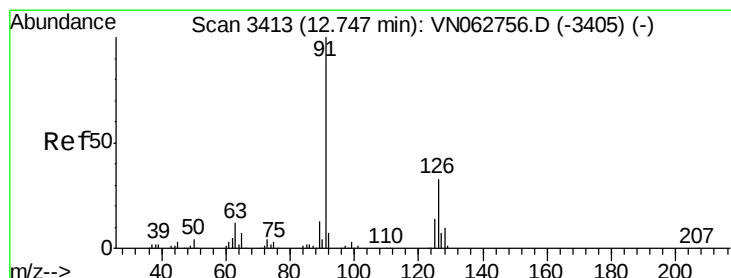
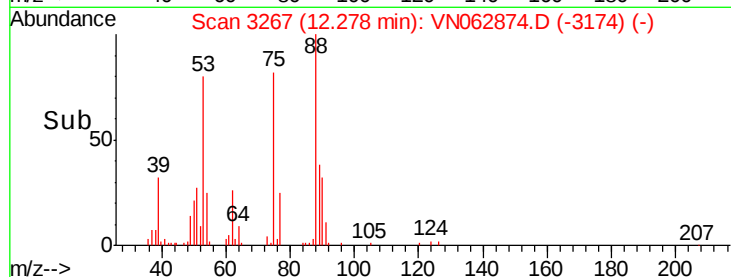
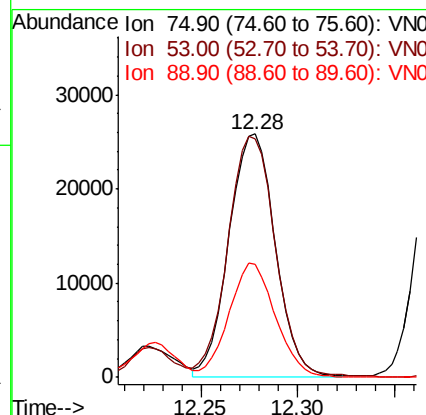
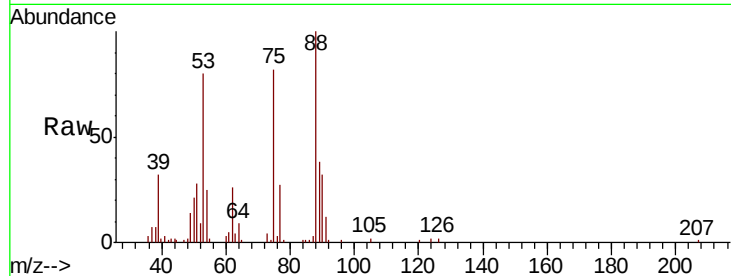
Tot Ion: 75 Resp: 43275

Ion Ratio Lower Upper

75 100

53 101.8 79.1 118.7

89 46.7 36.2 54.2



#82

4-Chlorotoluene

Concen: 43.520 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062874.D

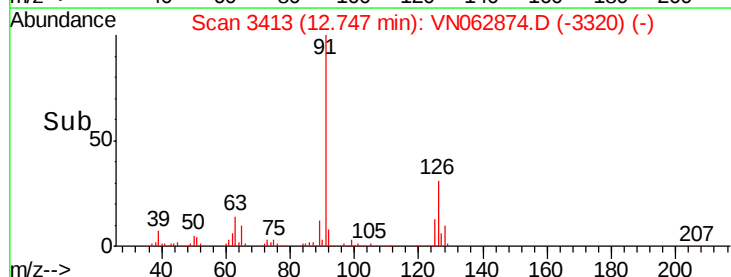
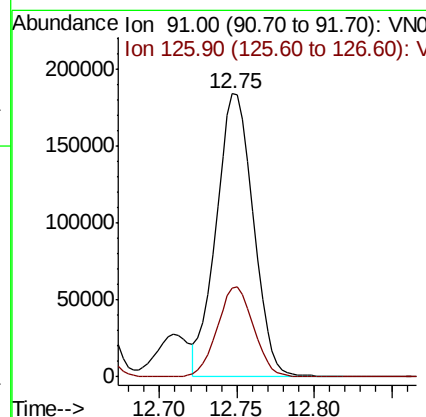
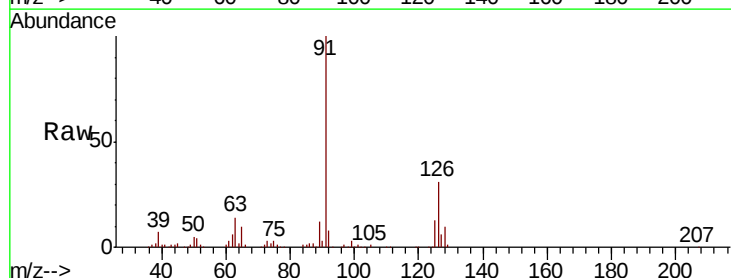
Acq: 12 Aug 2020 22:40

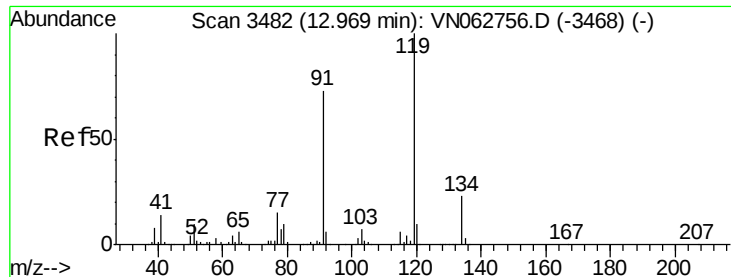
Tgt Ion: 91 Resp: 307118

Ion Ratio Lower Upper

91 100

126 31.1 15.3 45.9

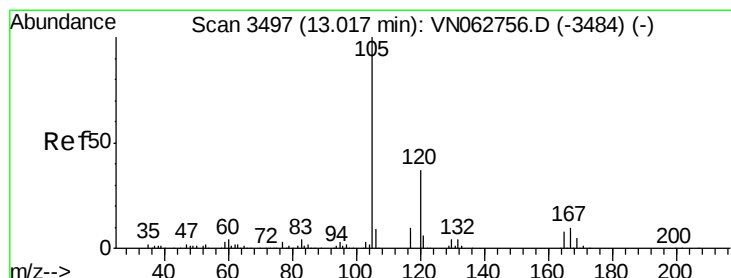
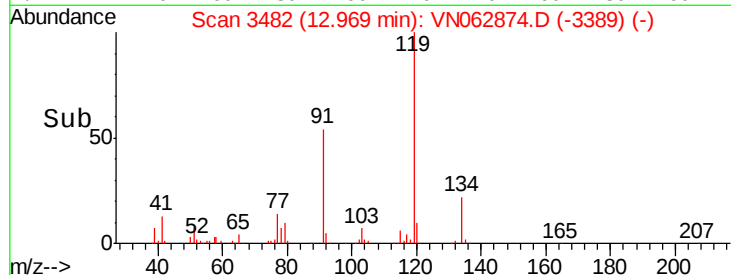
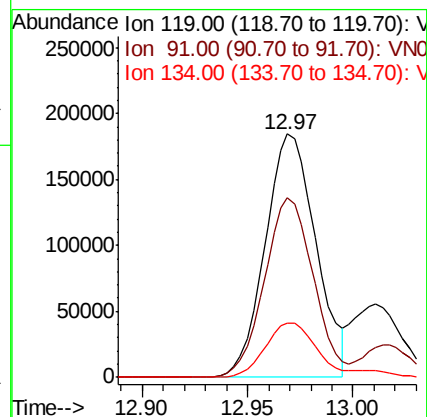
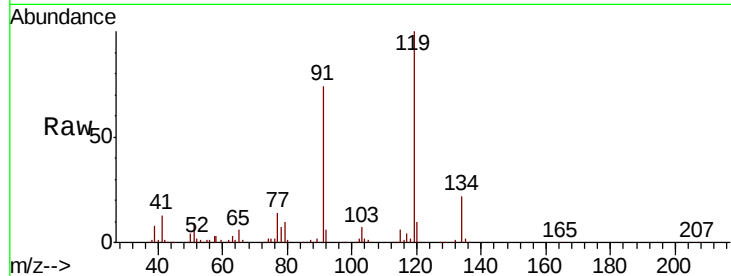




#83
tert-Butylbenzene
Concen: 45.275 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062874.D
Acq: 12 Aug 2020 22:40

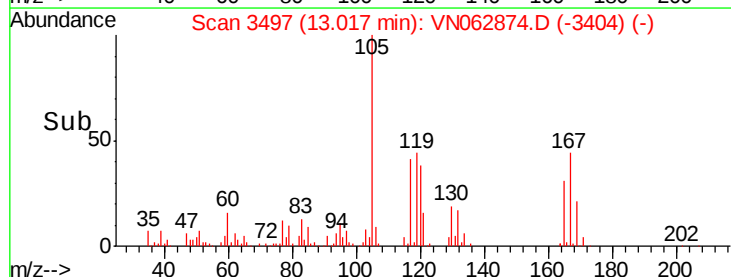
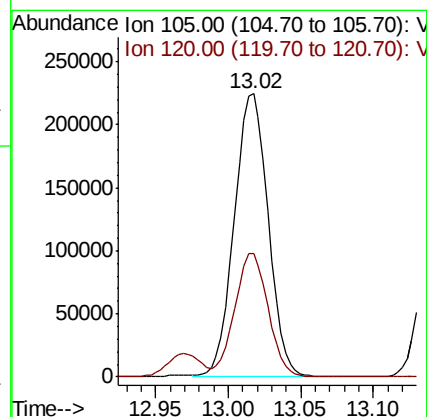
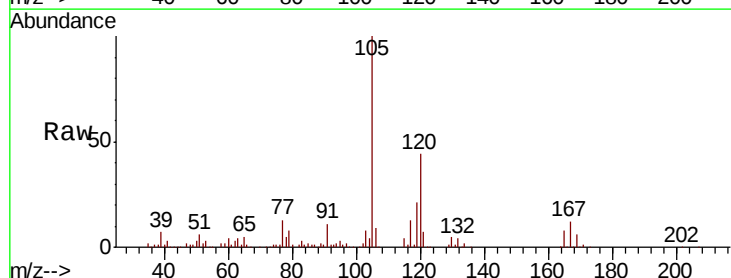
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

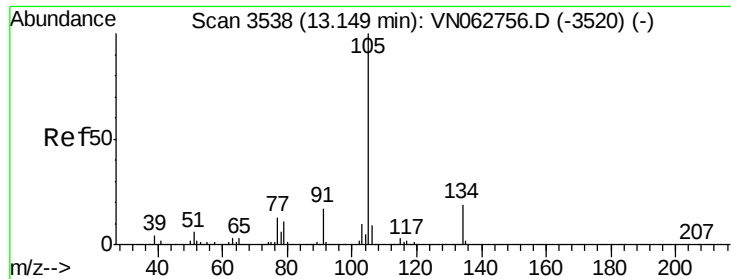
Tot Ion:119 Resp: 309187
Ion Ratio Lower Upper
119 100
91 71.3 36.5 109.5
134 22.4 11.3 33.8



#84
1,2,4-Trimethylbenzene
Concen: 47.120 ug/l
RT: 13.02 min Scan# 3497
Delta R.T. -0.00 min
Lab File: VN062874.D
Acq: 12 Aug 2020 22:40

Tgt Ion:105 Resp: 363812
Ion Ratio Lower Upper
105 100
120 42.9 21.4 64.2





#85

sec-Butylbenzene

Concen: 44.635 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

Instrument :

MSVOA_N

ClientSampleId :

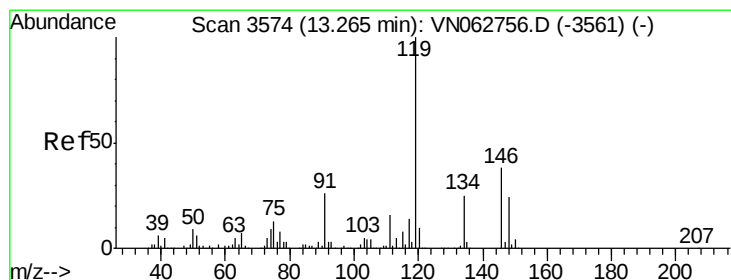
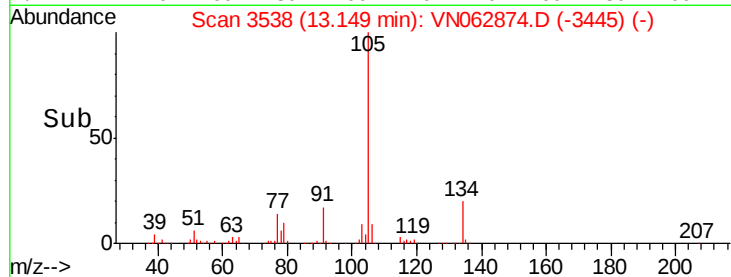
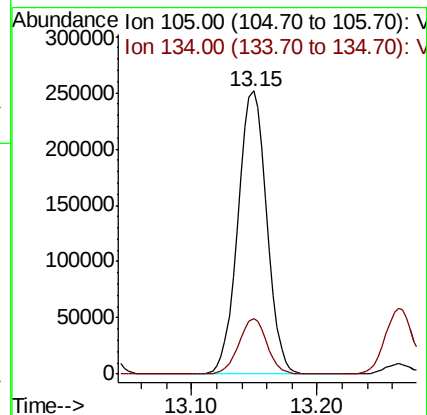
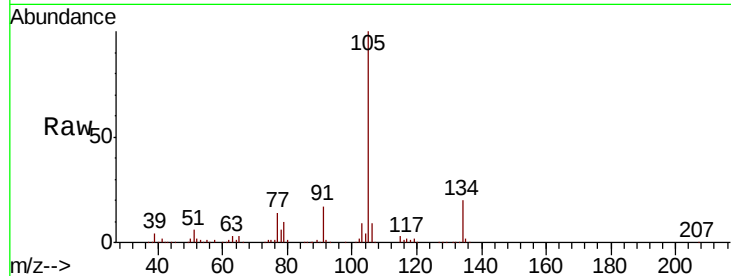
VSTDCCC050

Tot Ion:105 Resp: 400290

Ion Ratio Lower Upper

105 100

134 19.2 9.6 28.6



#86

p-Isopropyltoluene

Concen: 45.679 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062874.D

Acq: 12 Aug 2020 22:40

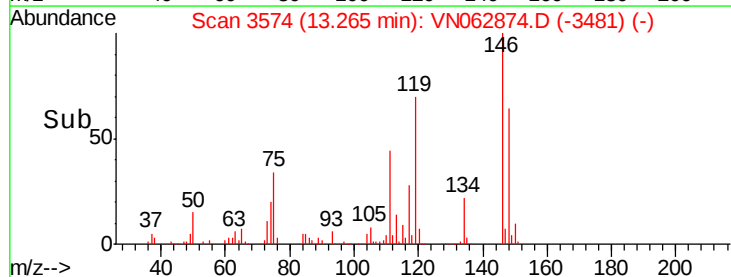
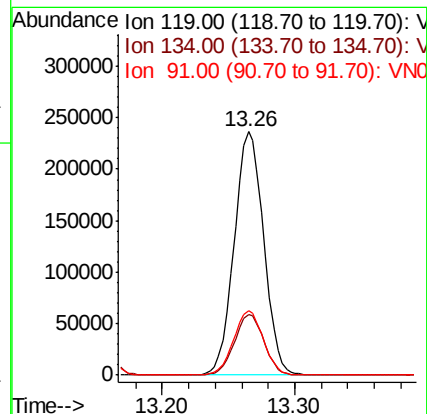
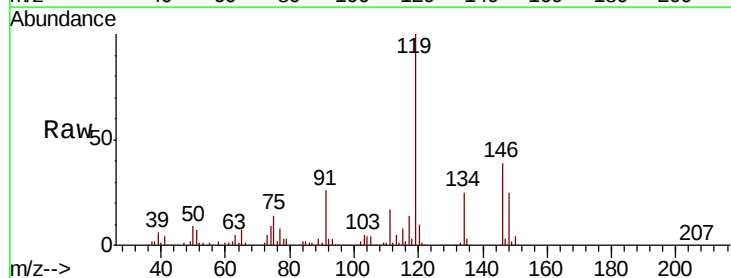
Tgt Ion:119 Resp: 363624

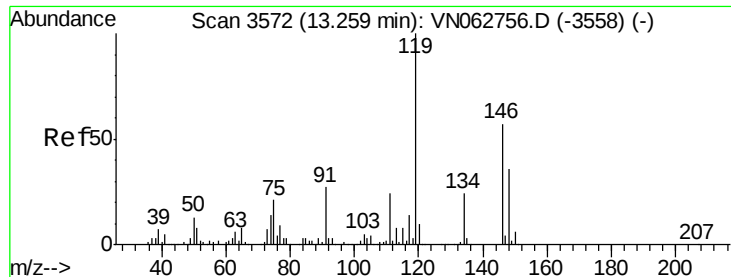
Ion Ratio Lower Upper

119 100

134 25.1 12.6 37.8

91 26.5 13.4 40.2

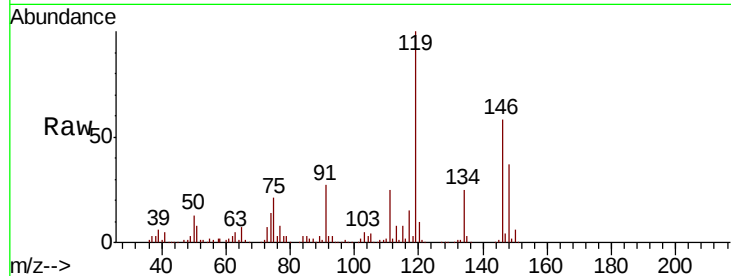




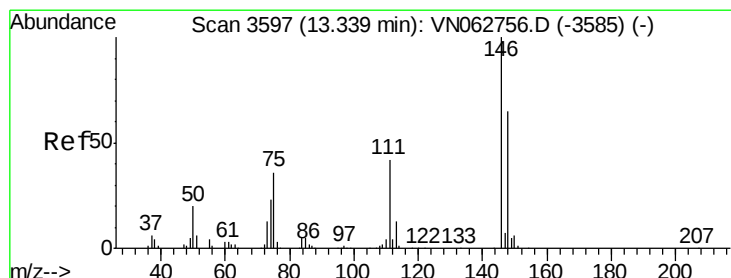
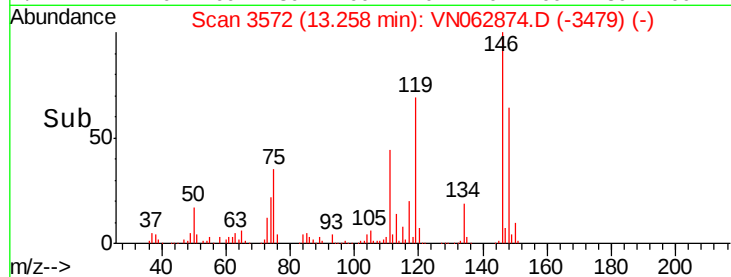
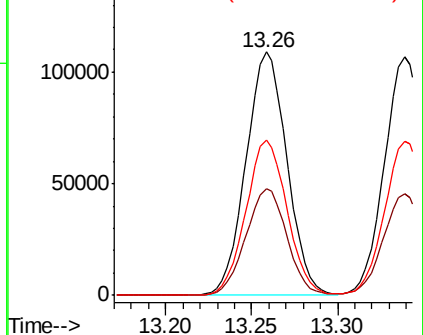
#87
 1,3-Dichlorobenzene
 Concen: 43.594 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062874.D
 Acq: 12 Aug 2020 22:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 180015
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.7 65.1
 148 64.1 31.4 94.2

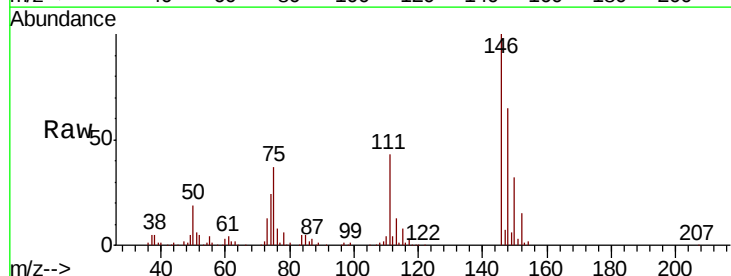


Abundance Ion 145.90 (145.60 to 146.60): V
 150000 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

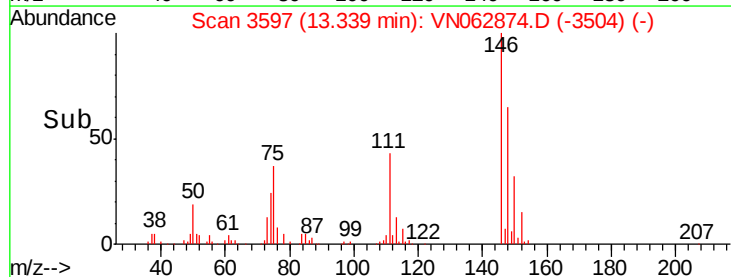
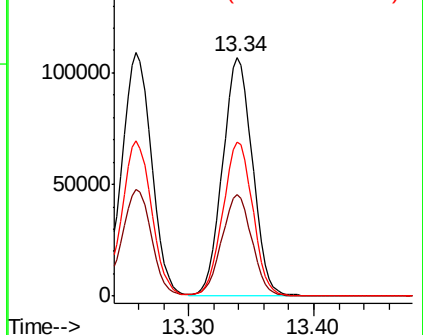


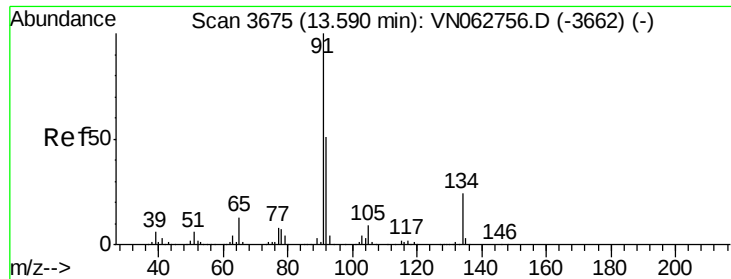
#88
 1,4-Dichlorobenzene
 Concen: 42.974 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062874.D
 Acq: 12 Aug 2020 22:40

Tgt Ion:146 Resp: 177982
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.6 64.6
 148 64.9 32.6 97.8



Abundance Ion 145.90 (145.60 to 146.60): V
 150000 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

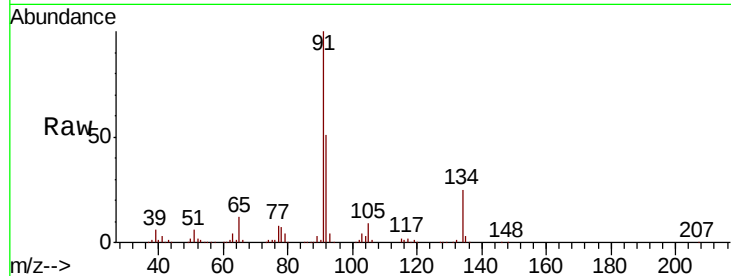




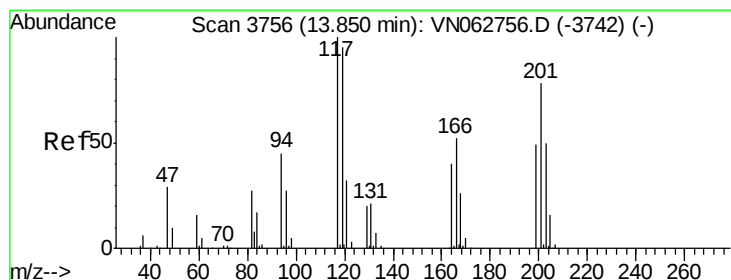
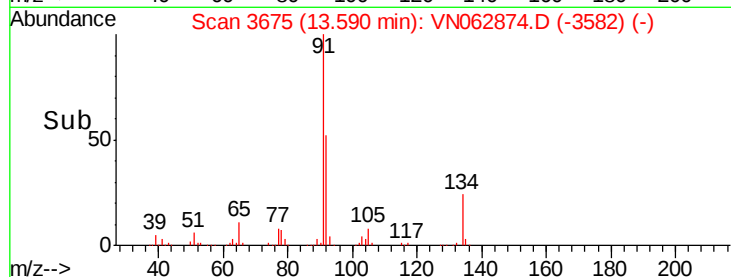
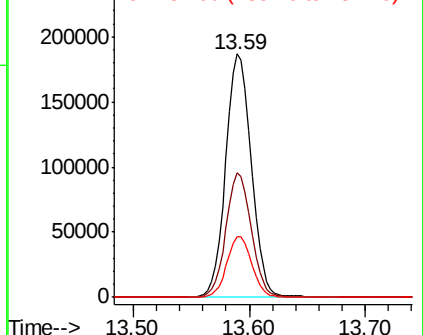
#89
n-Butylbenzene
Concen: 42.573 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062874.D
Acq: 12 Aug 2020 22:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 286620
Ion Ratio Lower Upper
91 100
92 50.3 25.7 77.0
134 24.4 12.2 36.6

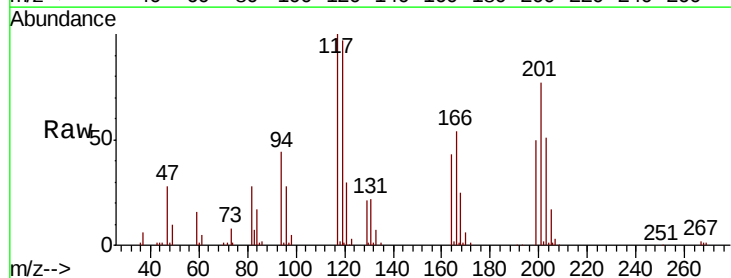


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): VN0

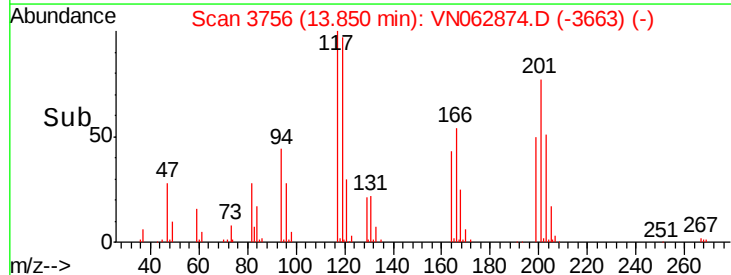
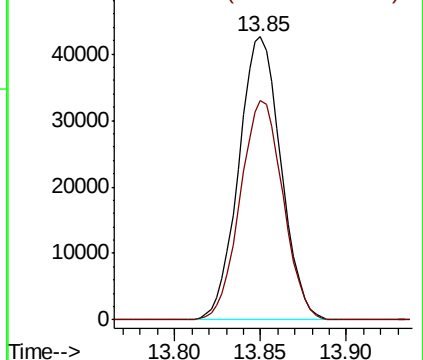


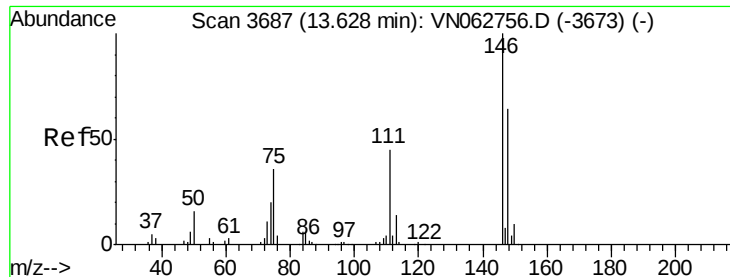
#90
Hexachloroethane
Concen: 42.230 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062874.D
Acq: 12 Aug 2020 22:40

Tgt Ion: 117 Resp: 72461
Ion Ratio Lower Upper
117 100
201 78.5 39.2 117.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

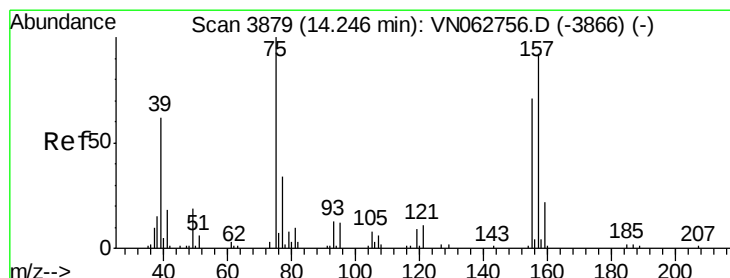
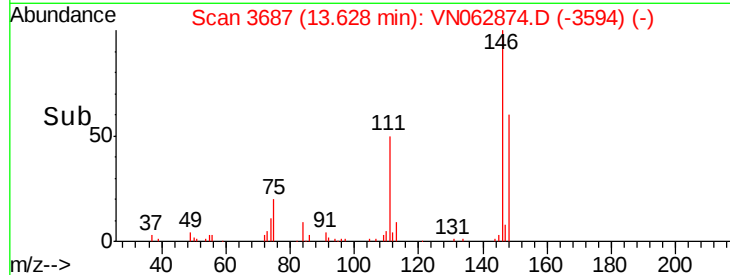
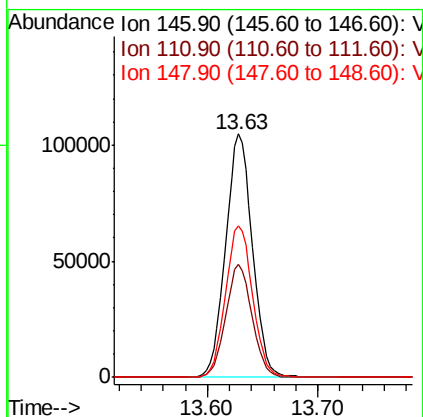
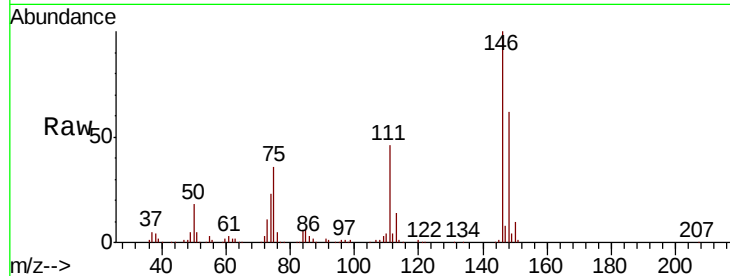




#91
 1,2-Dichlorobenzene
 Concen: 45.610 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062874.D
 Acq: 12 Aug 2020 22:40

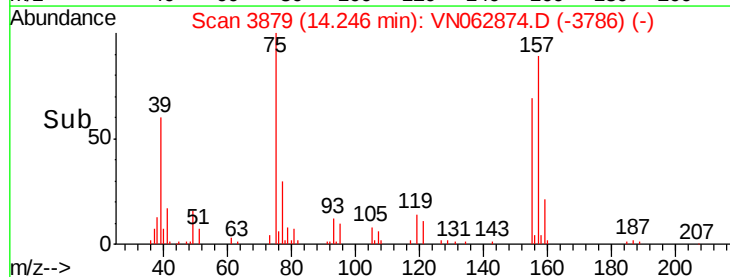
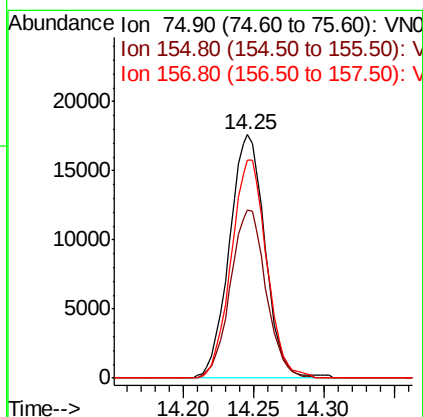
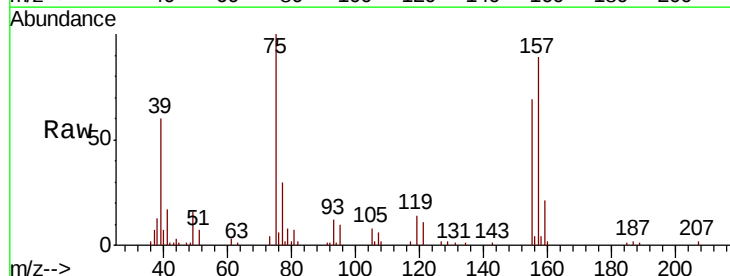
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion:146 Resp: 176571
 Ion Ratio Lower Upper
 146 100
 111 45.5 22.8 68.4
 148 62.8 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.302 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062874.D
 Acq: 12 Aug 2020 22:40

Tgt Ion: 75 Resp: 31147
 Ion Ratio Lower Upper
 75 100
 155 68.7 35.0 105.1
 157 88.8 43.2 129.6

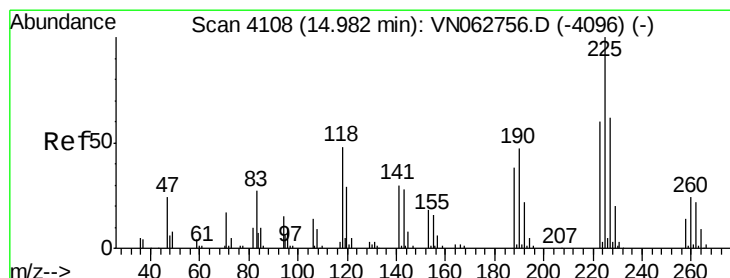
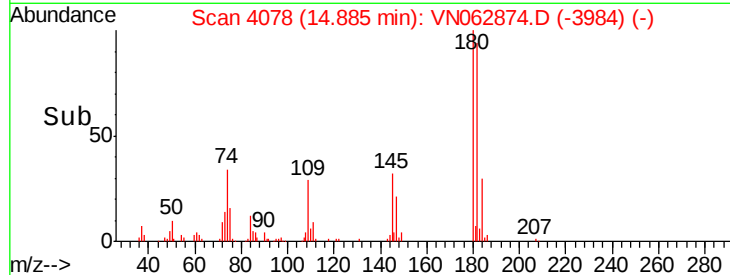
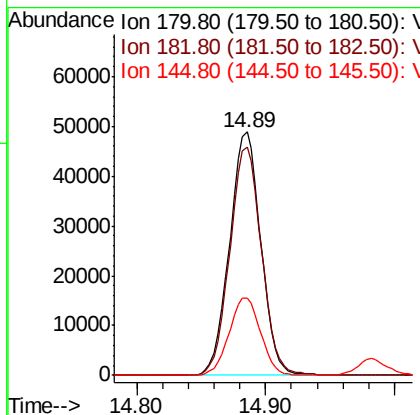
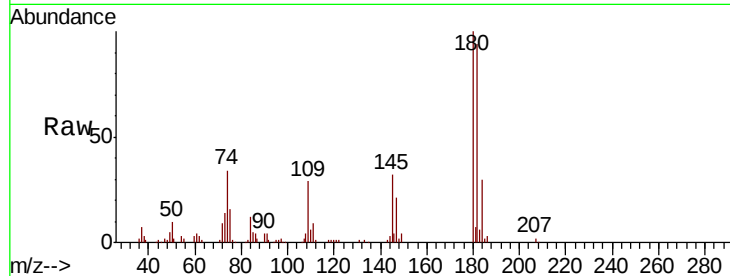




#93
 1,2,4-Trichlorobenzene
 Concen: 40.233 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062874.D
 Acq: 12 Aug 2020 22:40

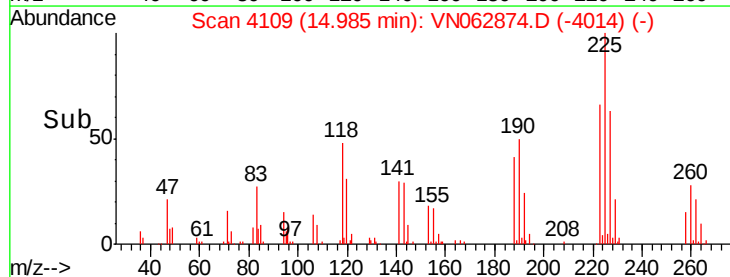
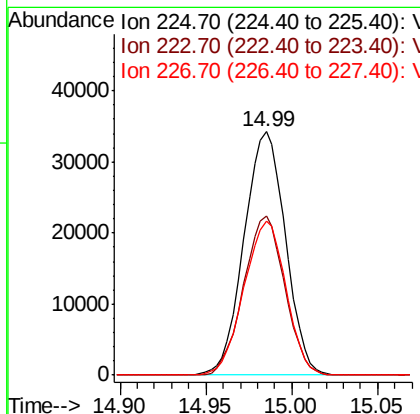
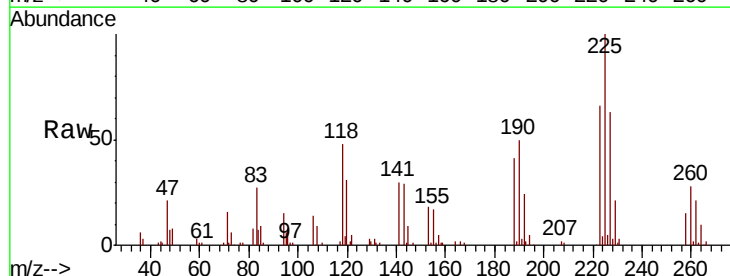
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

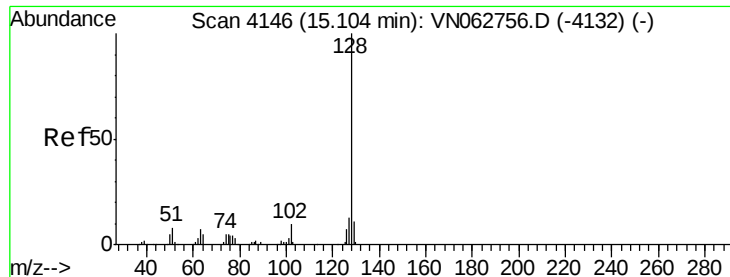
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	49.1	147.4
145	32.0	16.3	48.8



#94
 Hexachlorobutadiene
 Concen: 46.720 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062874.D
 Acq: 12 Aug 2020 22:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	30.6	92.0
227	64.2	31.6	95.0

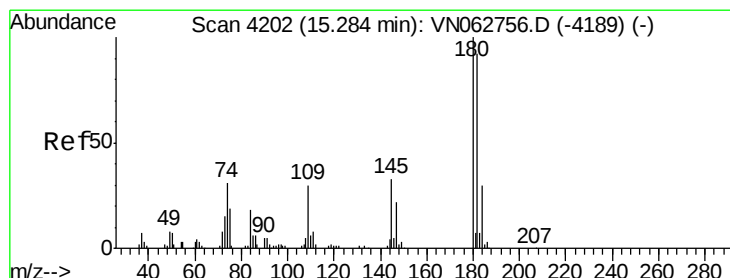
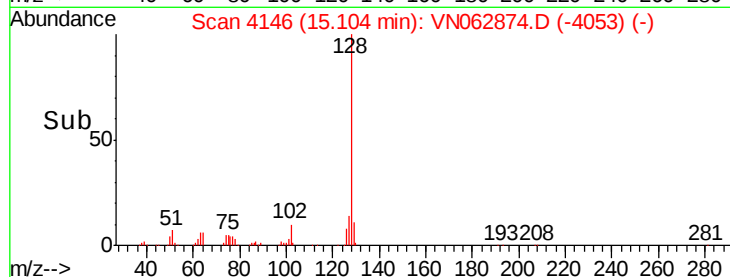
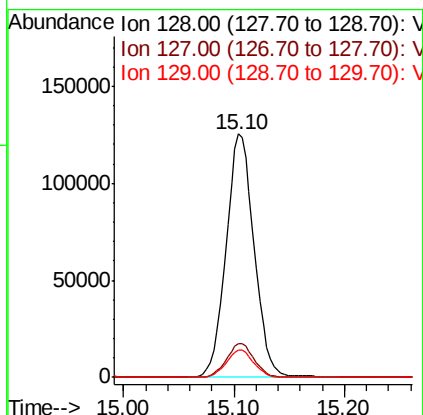
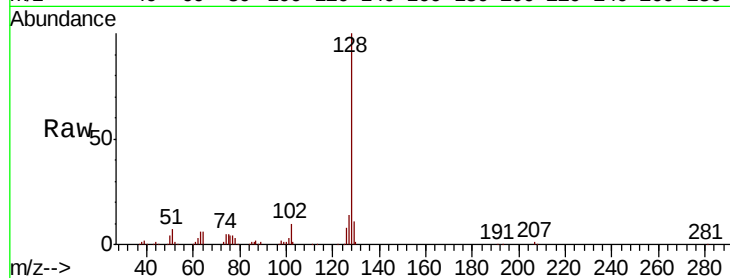




#95
Naphthalene
Concen: 39.697 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062874.D
Acq: 12 Aug 2020 22:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 220766
Ion Ratio Lower Upper
128 100
127 13.7 10.8 16.2
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 41.631 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062874.D
Acq: 12 Aug 2020 22:40

Tgt Ion:180 Resp: 84316
Ion Ratio Lower Upper
180 100
182 97.5 47.9 143.6
145 36.4 17.3 51.7

