

Data File : VV019422.D
Acq On : 23 Nov 2020 15:03
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VICV63

Quant Time: Nov 24 05:21:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112320WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Nov 23 14:50:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	379871	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	378698	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	217723	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	185506	48.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.78%
7) Chloroethane-d5	1.57	69	148355	48.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.08%
11) 1,1-Dichloroethene-d2	2.12	63	329696	48.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.64%
21) 2-Butanone-d5	3.89	46	238720	103.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.24%
24) Chloroform-d	4.37	84	308365	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.56%
26) 1,2-Dichloroethane-d4	5.05	65	204015	50.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.64%
32) Benzene-d6	5.07	84	587865	52.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.09	67	193902	52.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.10%
41) Toluene-d8	7.33	98	531075	52.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.90%
43) trans-1,3-Dichloropropene-	7.64	79	96721	53.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.50%
47) 2-Hexanone-d5	8.10	63	163920	111.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.68%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	249835	51.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	214335	50.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.38%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	149501	48.691 ug/L	100
3) Chloromethane	1.25	50	202788	49.111 ug/L	99
5) Vinyl chloride	1.32	62	194587	49.320 ug/L	100
6) Bromomethane	1.52	94	126449	49.161 ug/L	97
8) Chloroethane	1.59	64	124211	49.468 ug/L	99
9) Trichlorofluoromethane	1.76	101	245411	49.541 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	134294	50.413 ug/L	100
12) 1,1-Dichloroethene	2.13	96	137373	49.533 ug/L	97
13) Acetone	2.17	43	164187	92.861 ug/L	98
14) Carbon disulfide	2.31	76	403277	50.097 ug/L	99
15) Methyl Acetate	2.44	43	180339	50.375 ug/L	100
16) Methylene chloride	2.52	84	158743	49.416 ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	139894	51.000 ug/L	98
18) Methyl tert-butyl Ether	2.78	73	458469	52.562 ug/L	99
19) 1,1-Dichloroethane	3.21	63	281553	50.040 ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	153888	51.051 ug/L	98
22) 2-Butanone	3.98	43	240449	102.542 ug/L	98

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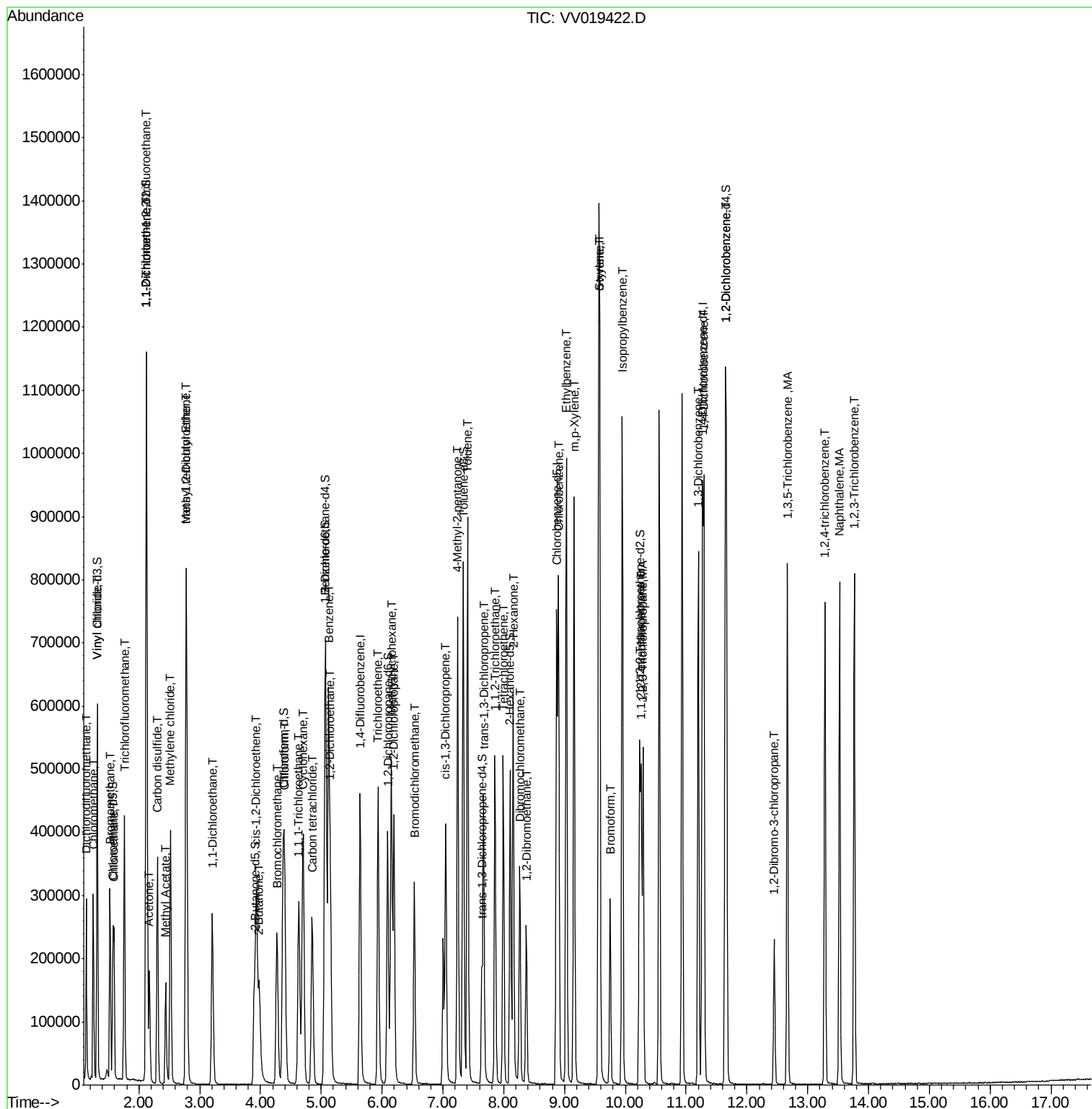
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	81122	50.814	ug/L	99
25) Chloroform	4.40	83	287543	50.555	ug/L	100
27) 1,2-Dichloroethane	5.15	62	227324	50.938	ug/L	100
29) Cyclohexane	4.70	56	214667	54.151	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	236830	51.773	ug/L	99
31) Carbon tetrachloride	4.85	117	199823	50.884	ug/L	100
33) Benzene	5.12	78	601502	53.075	ug/L	100
34) Trichloroethene	5.93	95	162139	51.303	ug/L	99
35) Methylcyclohexane	6.15	83	204971	55.115	ug/L	98
37) 1,2-Dichloropropane	6.19	63	166556	53.282	ug/L	99
38) Bromodichloromethane	6.53	83	217323	52.438	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	251902	54.555	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	482088	109.371	ug/L	99
42) Toluene	7.41	91	634488	53.969	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	252930	54.993	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	155985	53.289	ug/L	99
46) Tetrachloroethene	7.99	164	112627	51.311	ug/L	94
48) 2-Hexanone	8.15	43	380155	108.893	ug/L	99
49) Dibromochloromethane	8.26	129	169058	52.258	ug/L	99
50) 1,2-Dibromoethane	8.37	107	162613	52.346	ug/L	99
51) Chlorobenzene	8.90	112	400698	51.664	ug/L	99
52) Ethylbenzene	9.03	91	671903	53.256	ug/L	99
53) m,p-Xylene	9.16	106	250641	53.692	ug/L	97
54) o-xylene	9.56	106	248201	54.607	ug/L	98
55) Styrene	9.58	104	451016	55.431	ug/L	99
56) Isopropylbenzene	9.95	105	645254	54.186	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	235193	52.567	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	213153	51.911	ug/L	99
61) Bromoform	9.75	173	127745	51.322	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	329936	52.090	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	341120	51.239	ug/L	99
65) 1,2-Dichlorobenzene	11.66	146	331262	50.941	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	57353	50.968	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	247026	53.576	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	229226	56.153	ug/L	99
69) Naphthalene	13.52	128	580232	55.898	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	239216	56.064	ug/L	99

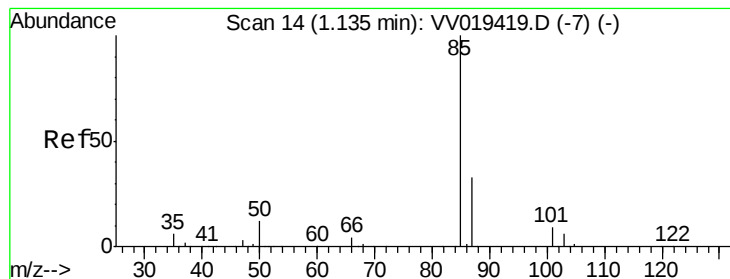
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 48.691 ug/L

RT: 1.14 min Scan# 14

Delta R.T. 0.00 min

Lab File: VV019422.D

Acq: 23 Nov 2020 15:03

Instrument :

MSVOA_V

ClientSampleId :

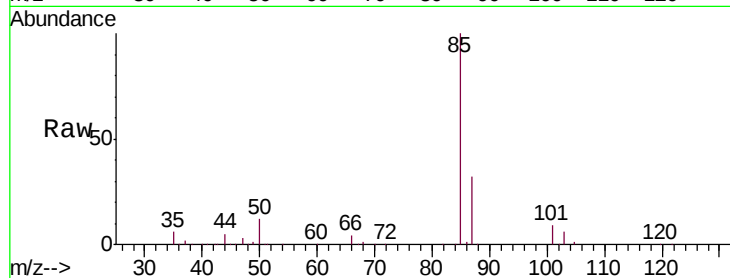
VICV63

Tgt Ion: 85 Resp: 149501

Ion Ratio Lower Upper

85 100

87 32.8 26.2 39.2



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0

1.14

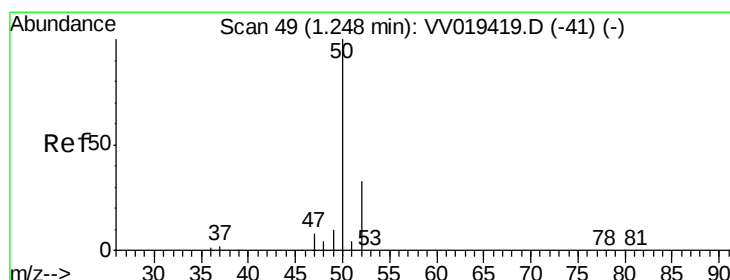
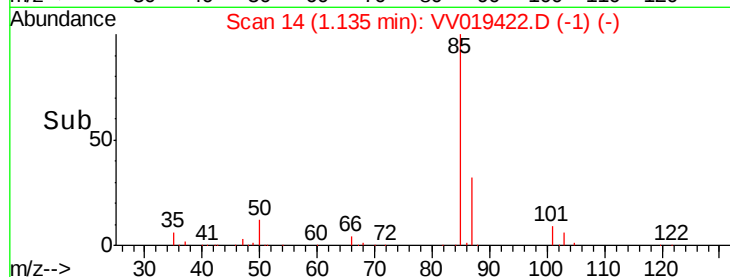
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 49.111 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV019422.D

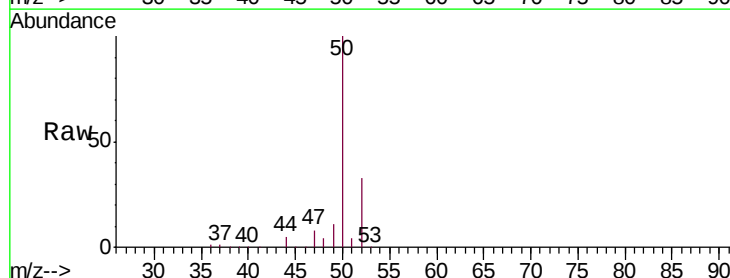
Acq: 23 Nov 2020 15:03

Tgt Ion: 50 Resp: 202788

Ion Ratio Lower Upper

50 100

52 33.4 23.0 42.8



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0

1.25

200000

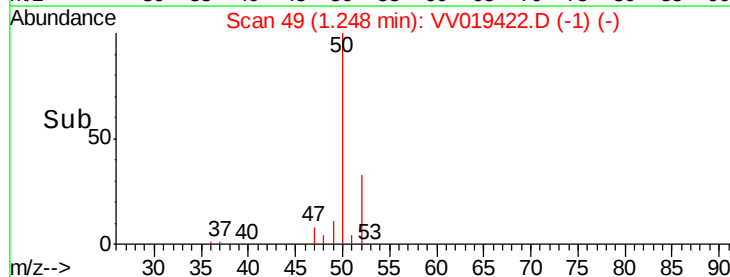
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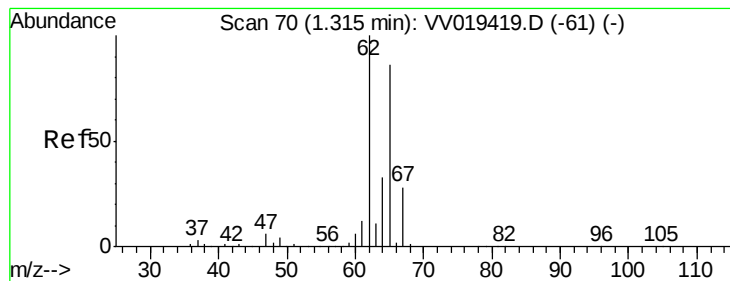
100000

50000

0

Time-->





#5

Vinyl chloride

Concen: 49.320 ug/L

RT: 1.32 min Scan# 70

Delta R.T. 0.00 min

Lab File: VV019422.D

Acq: 23 Nov 2020 15:03

Instrument :

MSVOA_V

ClientSampleId :

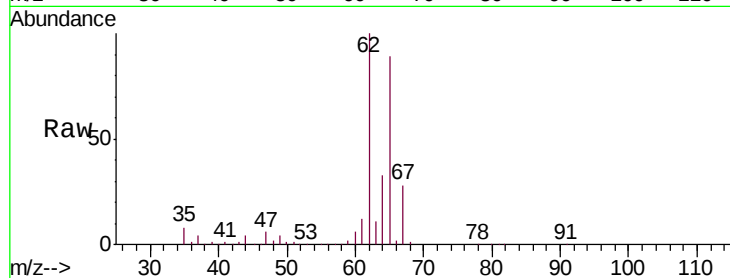
VICV63

Tgt Ion: 62 Resp: 194587

Ion Ratio Lower Upper

62 100

64 32.9 23.1 42.9



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

200000

150000

100000

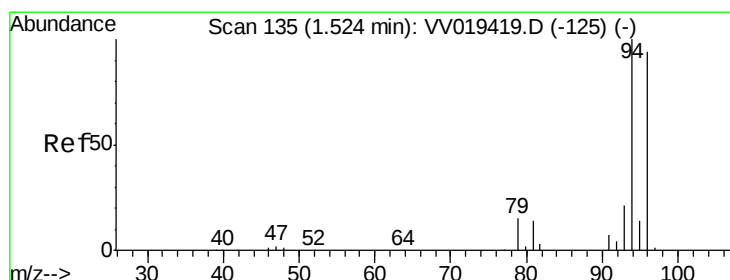
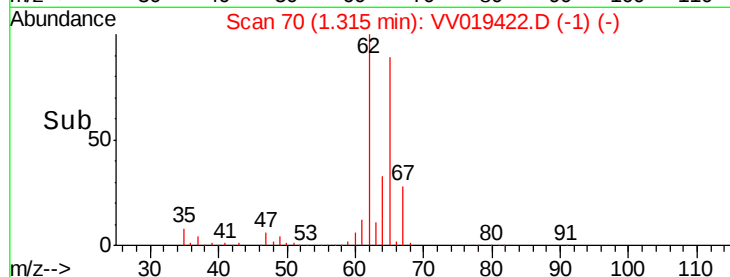
50000

0

1.32

1.30 1.35 1.40

Time-->



#6

Bromomethane

Concen: 49.161 ug/L

RT: 1.52 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV019422.D

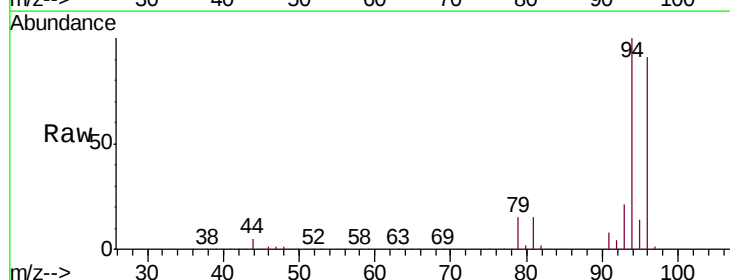
Acq: 23 Nov 2020 15:03

Tgt Ion: 94 Resp: 126449

Ion Ratio Lower Upper

94 100

96 91.0 65.5 121.7



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

120000

100000

80000

60000

40000

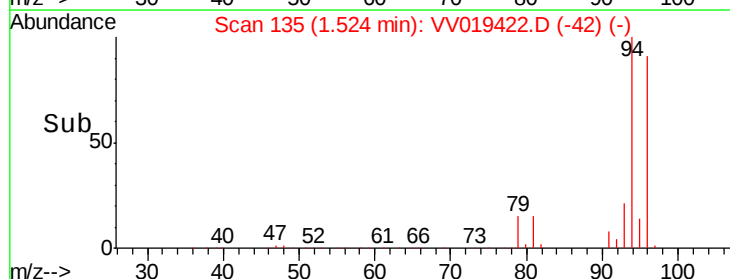
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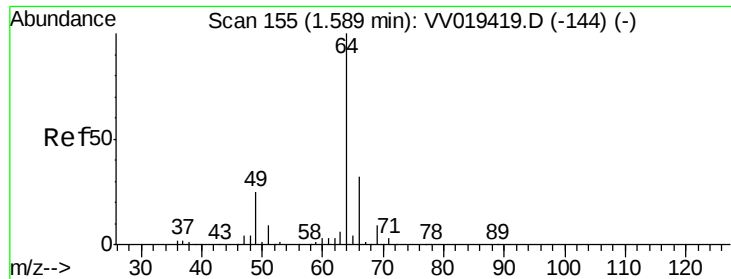
0

1.52

1.45 1.50 1.55 1.60

Time-->





#8

Chloroethane

Concen: 49.468 ug/L

RT: 1.59 min Scan# 155

Delta R.T. 0.00 min

Lab File: VV019422.D

Acq: 23 Nov 2020 15:03

Instrument :

MSVOA_V

ClientSampleId :

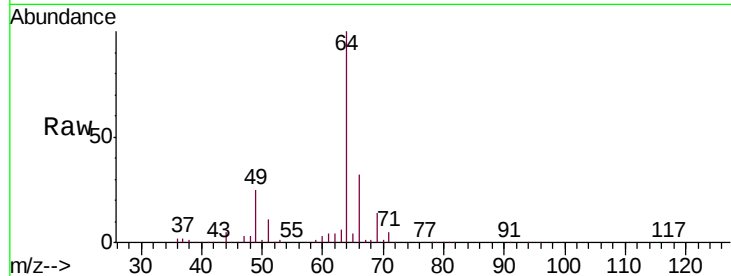
VICV63

Tgt Ion: 64 Resp: 124211

Ion Ratio Lower Upper

64 100

66 31.9 22.6 42.0



Abundance Ion 64.00 (63.70 to 64.70): VV019419.D (-144) (-)

Ion 66.00 (65.70 to 66.70): VV019419.D (-144) (-)

1.59

120000

100000

80000

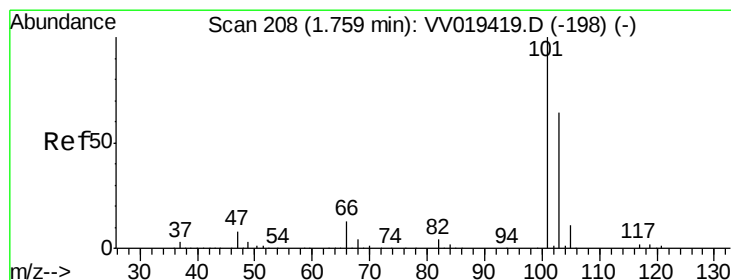
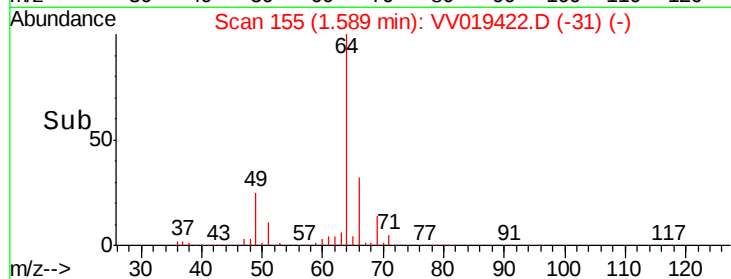
60000

40000

20000

0

Time-->



#9

Trichlorofluoromethane

Concen: 49.541 ug/L

RT: 1.76 min Scan# 209

Delta R.T. 0.00 min

Lab File: VV019422.D

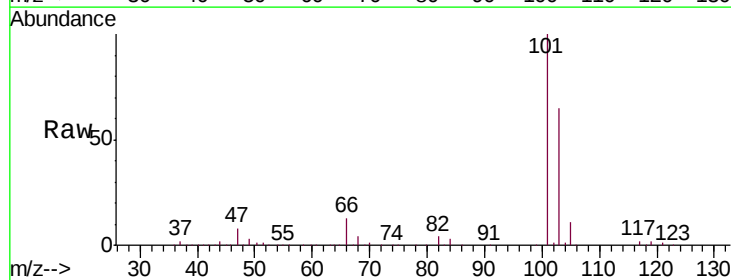
Acq: 23 Nov 2020 15:03

Tgt Ion: 101 Resp: 245411

Ion Ratio Lower Upper

101 100

103 65.0 51.8 77.8



Abundance Ion 101.00 (100.70 to 101.70): VV019419.D (-198) (-)

Ion 103.00 (102.70 to 103.70): VV019419.D (-198) (-)

1.76

200000

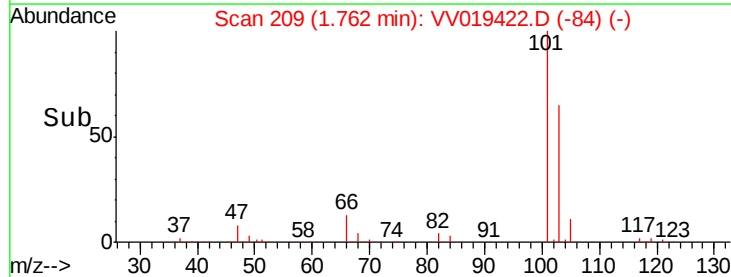
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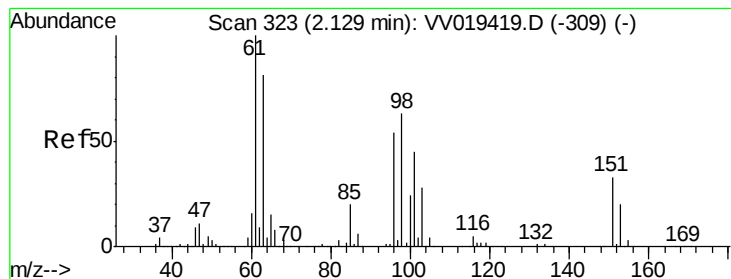
100000

50000

0

Time-->





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 50.413 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV019422.D

Acq: 23 Nov 2020 15:03

Instrument :

MSVOA_V

ClientSampleId :

VICV63

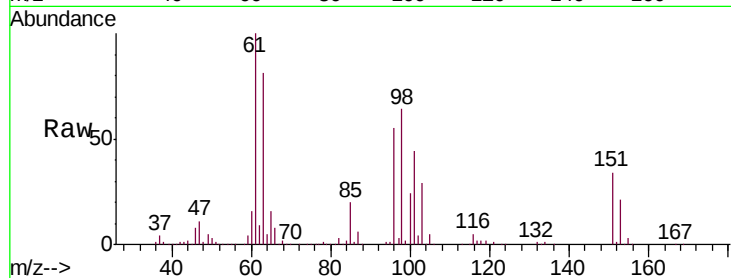
Tgt Ion: 101 Resp: 134294

Ion Ratio Lower Upper

101 100

85 44.1 35.5 53.3

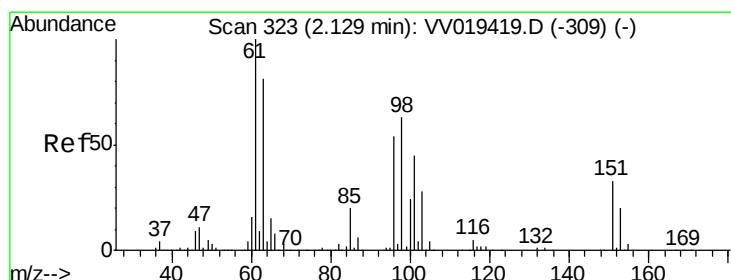
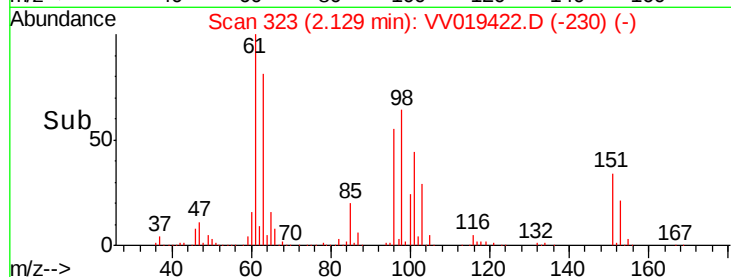
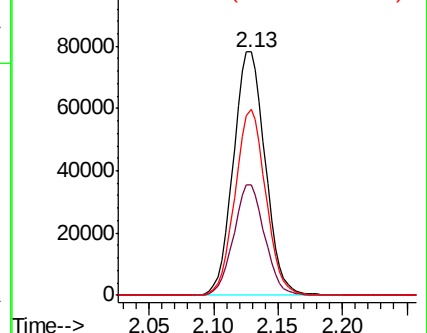
151 73.7 58.9 88.3



Abundance Ion 101.00 (100.70 to 101.70): VV019422.D (-230) (-)

Ion 85.00 (84.70 to 85.70): VV019422.D (-230) (-)

Ion 151.00 (150.70 to 151.70): VV019422.D (-230) (-)



#12

1,1-Dichloroethene

Concen: 49.533 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV019422.D

Acq: 23 Nov 2020 15:03

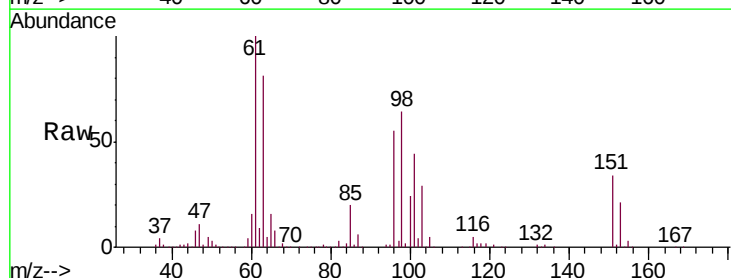
Tgt Ion: 96 Resp: 137373

Ion Ratio Lower Upper

96 100

61 181.4 130.0 241.4

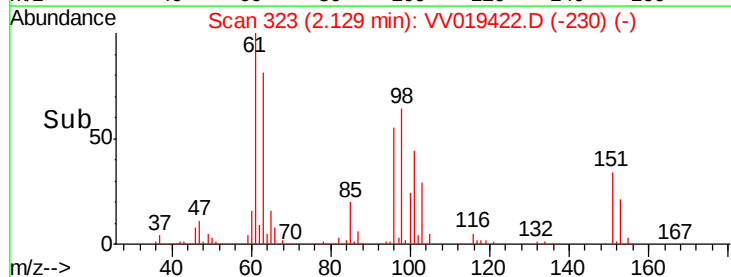
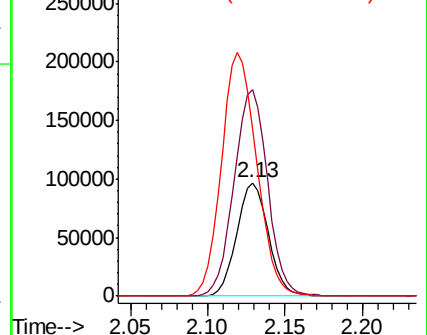
63 146.9 105.1 195.3

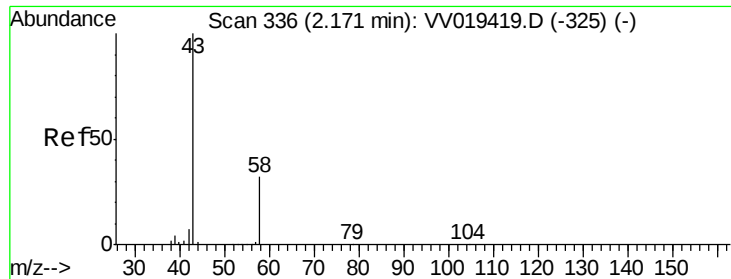


Abundance Ion 96.00 (95.70 to 96.70): VV019422.D (-230) (-)

Ion 61.00 (60.70 to 61.70): VV019422.D (-230) (-)

Ion 63.00 (62.70 to 63.70): VV019422.D (-230) (-)





#13

Acetone

Concen: 92.861 ug/L

RT: 2.17 min Scan# 336

Delta R.T. 0.00 min

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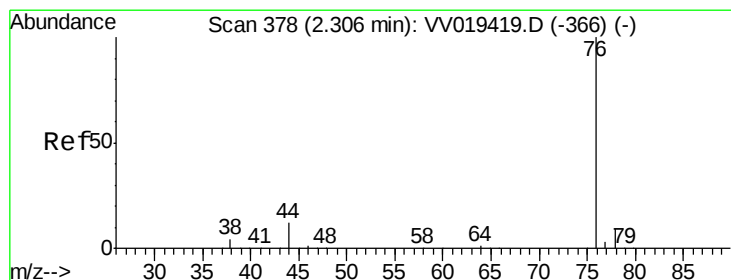
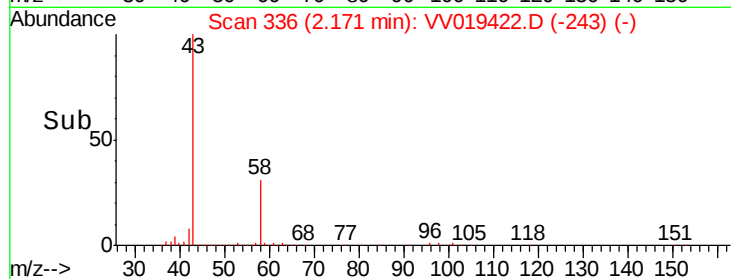
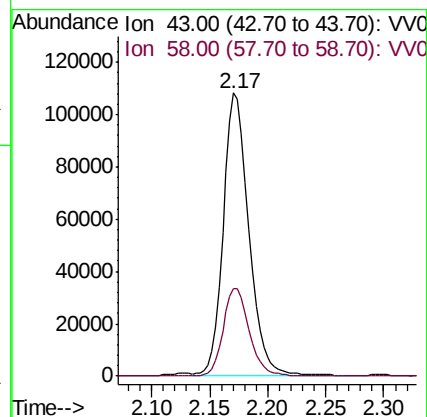
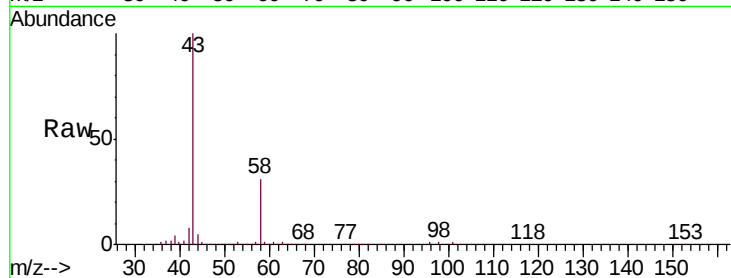
VICV63

Tgt Ion: 43 Resp: 164187

Ion Ratio Lower Upper

43 100

58 31.9 0.0 66.4



#14

Carbon disulfide

Concen: 50.097 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VV019422.D

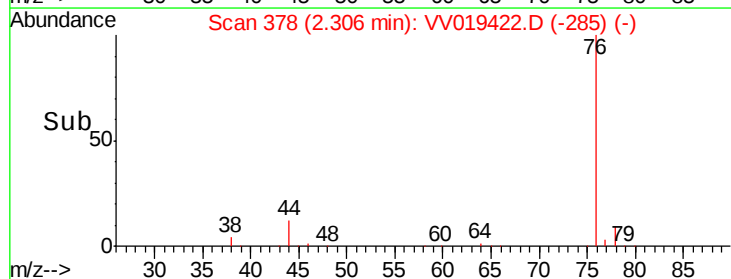
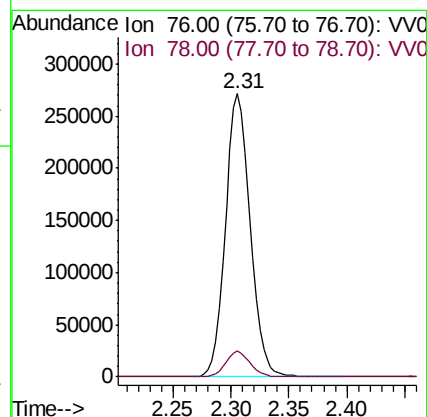
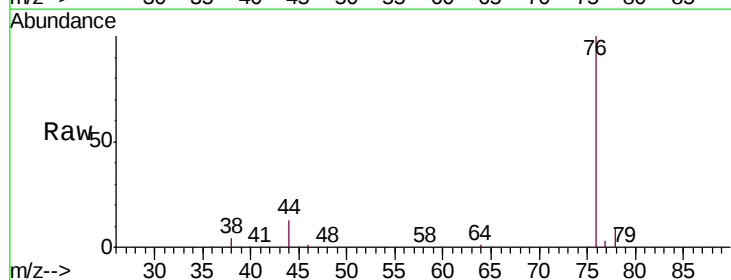
Acq: 23 Nov 2020 15:03

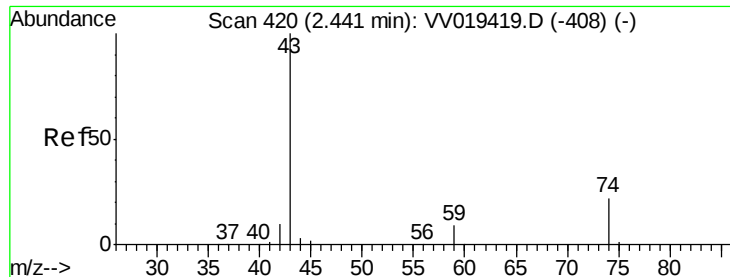
Tgt Ion: 76 Resp: 403277

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

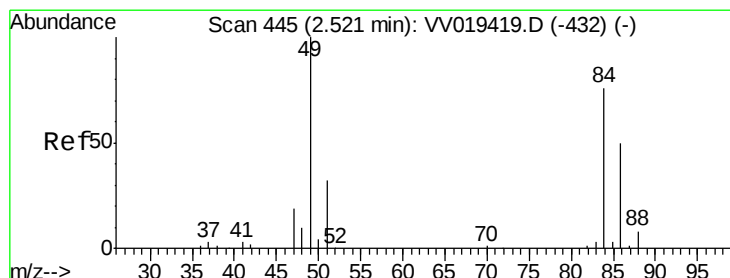
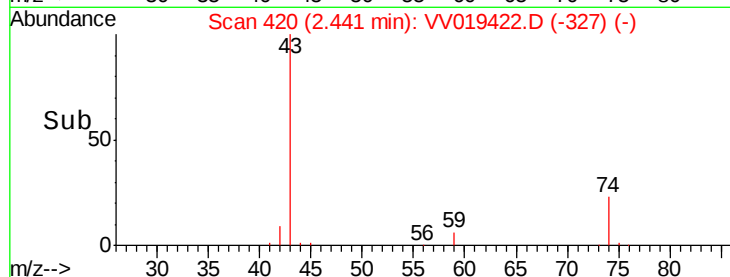
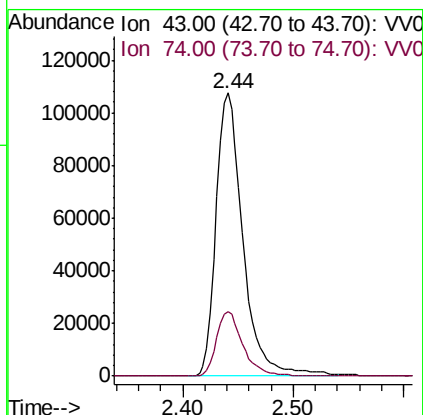
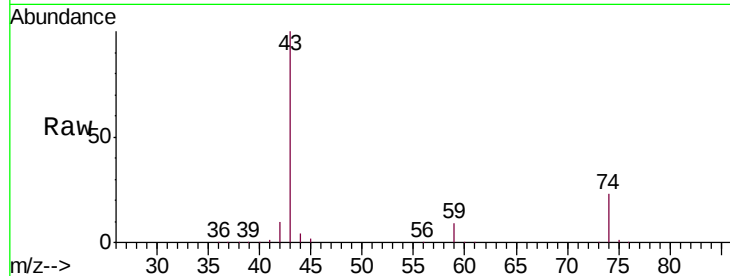




#15
Methyl Acetate
Concen: 50.375 ug/L
RT: 2.44 min Scan# 420
Delta R.T. 0.00 min
Lab File: VV019422.D
Acq: 23 Nov 2020 15:03

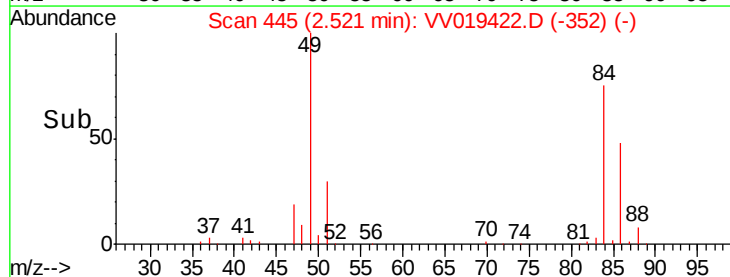
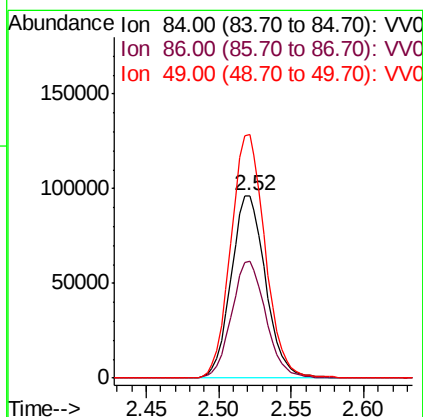
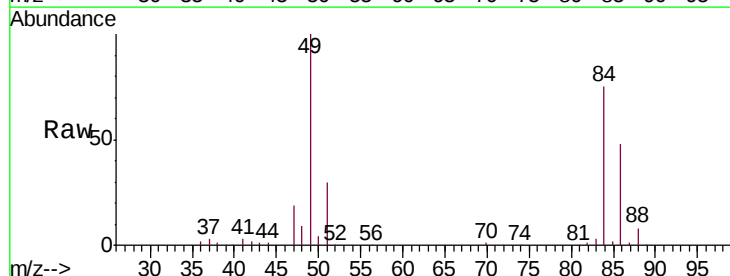
Instrument :
MSVOA_V
ClientSampleId :
VICV63

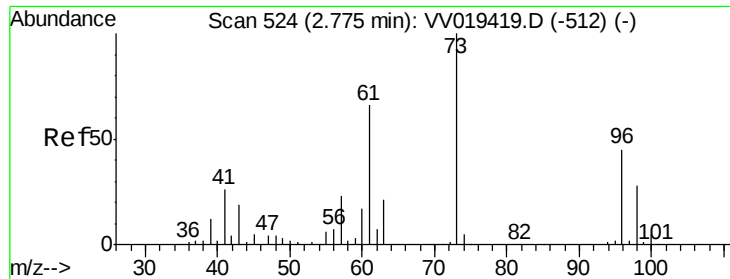
Tgt Ion: 43 Resp: 180339
Ion Ratio Lower Upper
43 100
74 22.5 17.8 26.8



#16
Methylene chloride
Concen: 49.416 ug/L
RT: 2.52 min Scan# 445
Delta R.T. 0.00 min
Lab File: VV019422.D
Acq: 23 Nov 2020 15:03

Tgt Ion: 84 Resp: 158743
Ion Ratio Lower Upper
84 100
86 64.0 45.8 85.2
49 133.5 92.0 170.9

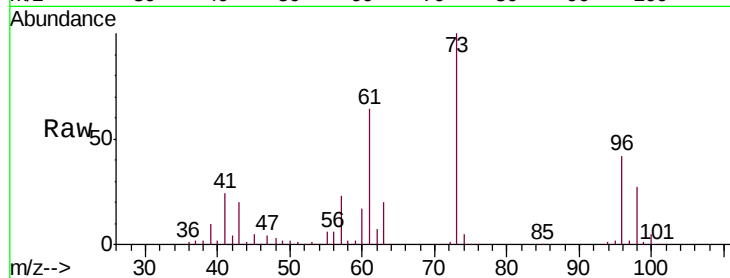




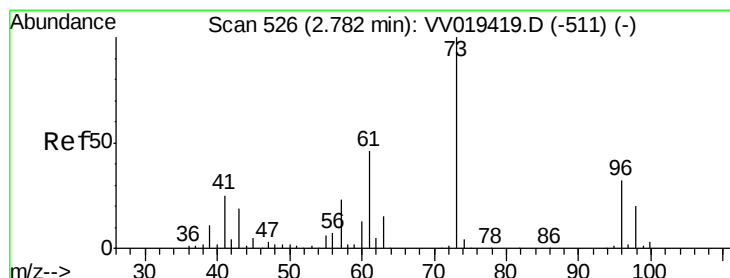
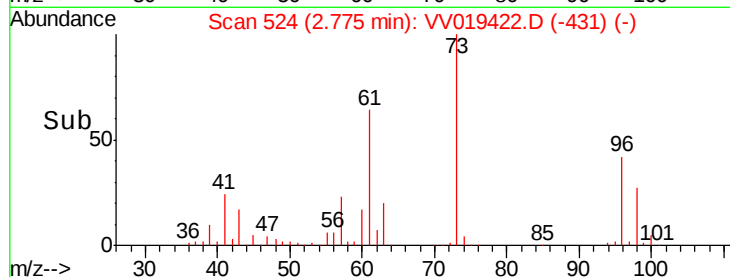
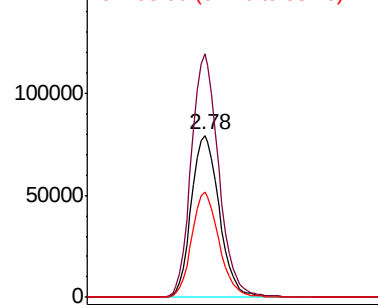
#17
trans-1,2-Dichloroethene
Concen: 51.000 ug/L
RT: 2.78 min Scan# 524
Delta R.T. 0.00 min
Lab File: VV019422.D
Acq: 23 Nov 2020 15:03

Instrument :
MSVOA_V
ClientSampleId :
VICV63

Tgt Ion: 96 Resp: 139894
Ion Ratio Lower Upper
96 100
61 150.0 103.7 192.5
98 64.7 44.0 81.6

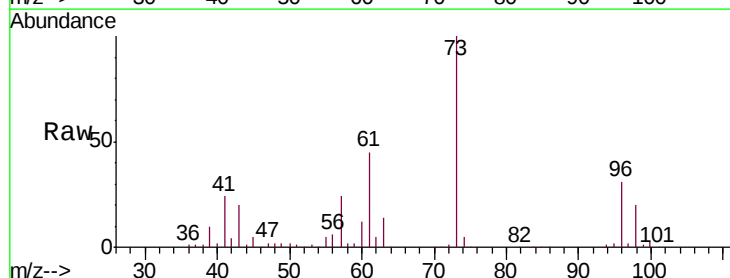


Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

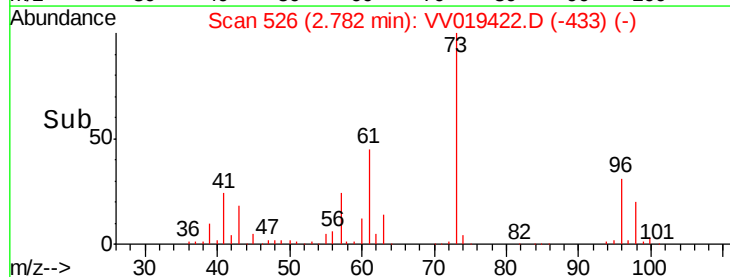
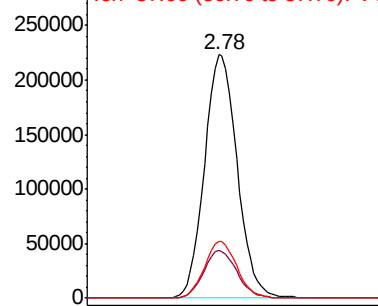


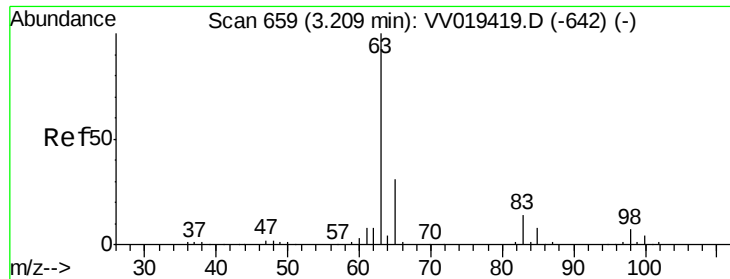
#18
Methyl tert-butyl Ether
Concen: 52.562 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.00 min
Lab File: VV019422.D
Acq: 23 Nov 2020 15:03

Tgt Ion: 73 Resp: 458469
Ion Ratio Lower Upper
73 100
43 19.7 15.6 23.4
57 23.2 18.3 27.5



Abundance Ion 73.00 (72.70 to 73.70): VV0
Ion 43.00 (42.70 to 43.70): VV0
Ion 57.00 (56.70 to 57.70): VV0

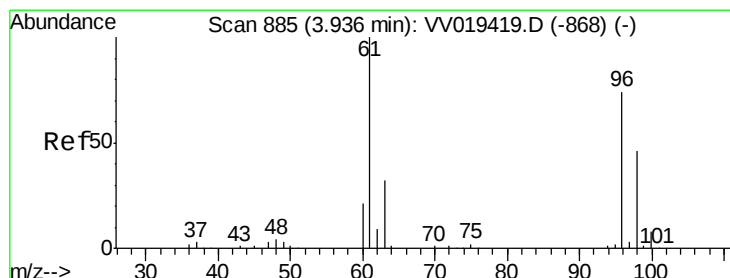
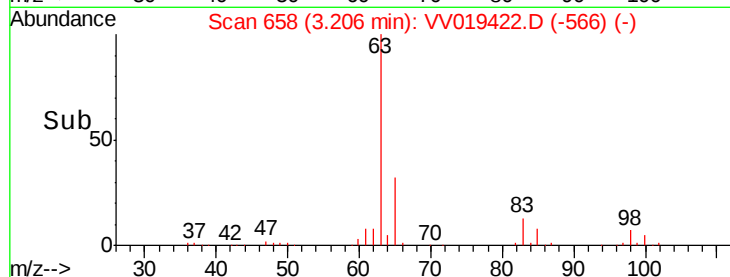
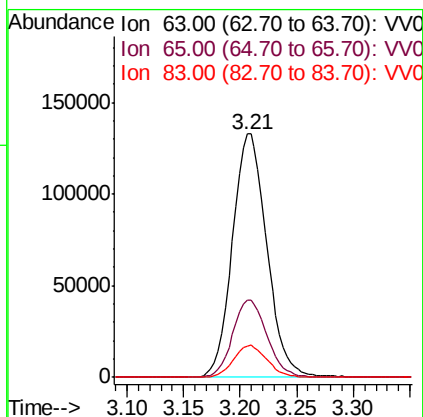
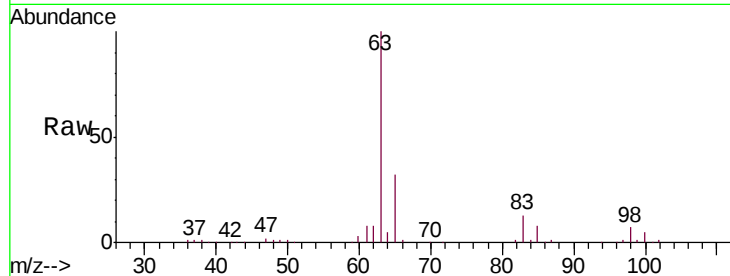




#19
 1,1-Dichloroethane
 Concen: 50.040 ug/L
 RT: 3.21 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: VV019422.D
 Acq: 23 Nov 2020 15:03

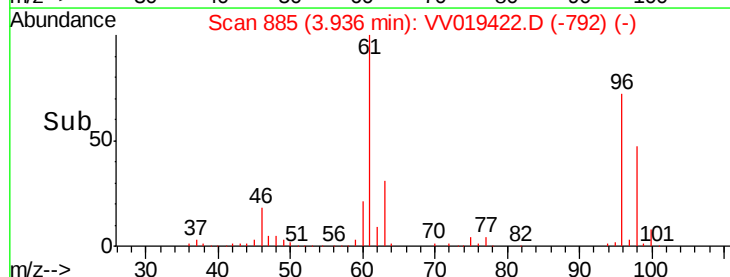
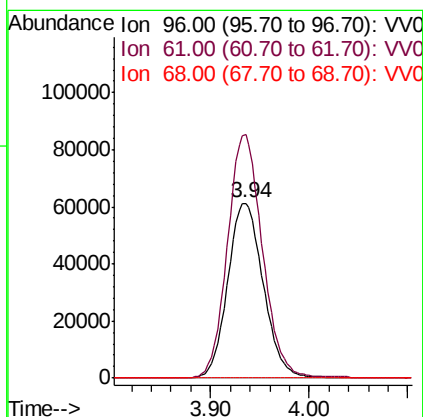
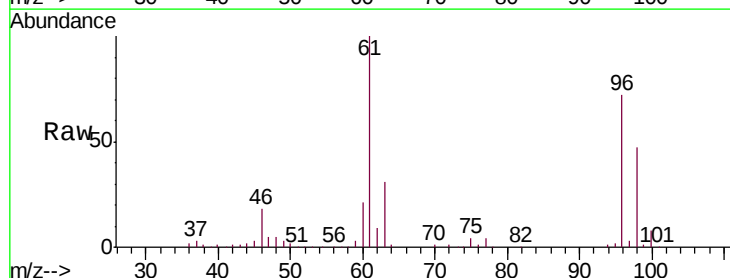
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV63

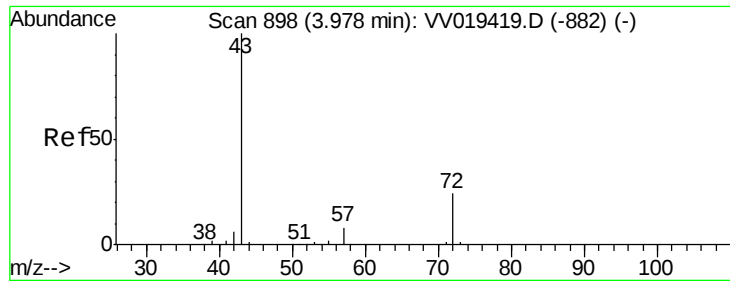
Tgt Ion: 63 Resp: 281553
 Ion Ratio Lower Upper
 63 100
 65 31.8 21.8 40.4
 83 13.0 9.8 18.2



#20
 cis-1,2-Dichloroethene
 Concen: 51.051 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV019422.D
 Acq: 23 Nov 2020 15:03

Tgt Ion: 96 Resp: 153888
 Ion Ratio Lower Upper
 96 100
 61 139.3 95.5 177.3
 68 0.0 0.0 0.0





#22

2-Butanone

Concen: 102.542 ug/L

RT: 3.98 min Scan# 898

Delta R.T. 0.00 min

Lab File: VV019422.D

Acq: 23 Nov 2020 15:03

Instrument :

MSVOA_V

ClientSampled :

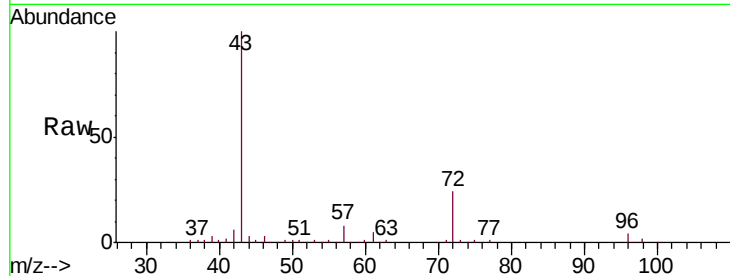
VICV63

Tgt Ion: 43 Resp: 240449

Ion Ratio Lower Upper

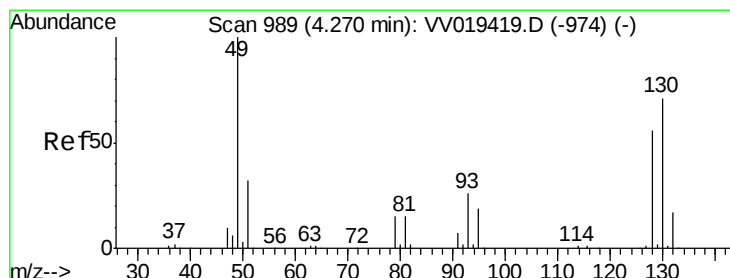
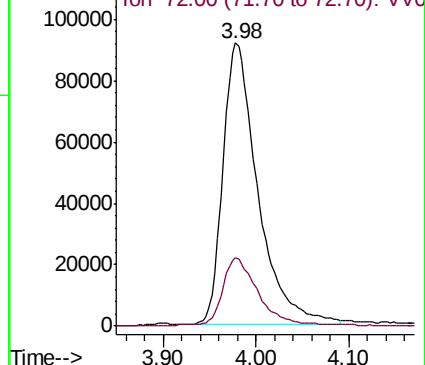
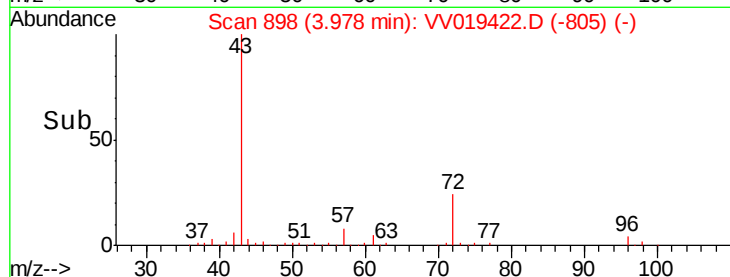
43 100

72 24.2 12.7 38.1



Abundance Ion 43.00 (42.70 to 43.70): VV019422.D (-805) (-)

Ion 72.00 (71.70 to 72.70): VV019422.D (-805) (-)



#23

Bromochloromethane

Concen: 50.814 ug/L

RT: 4.27 min Scan# 989

Delta R.T. 0.00 min

Lab File: VV019422.D

Acq: 23 Nov 2020 15:03

Tgt Ion: 128 Resp: 81122

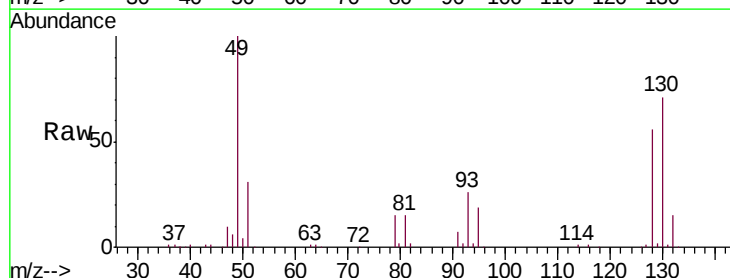
Ion Ratio Lower Upper

128 100

49 179.2 126.1 234.1

130 128.0 89.4 166.0

51 55.8 46.5 69.7

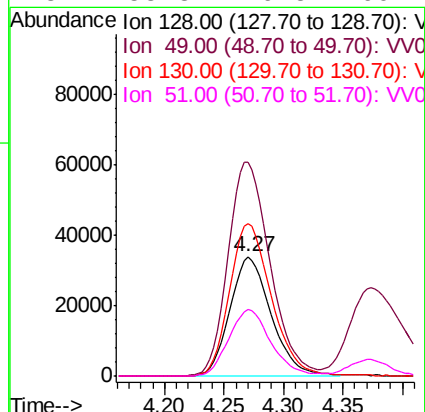
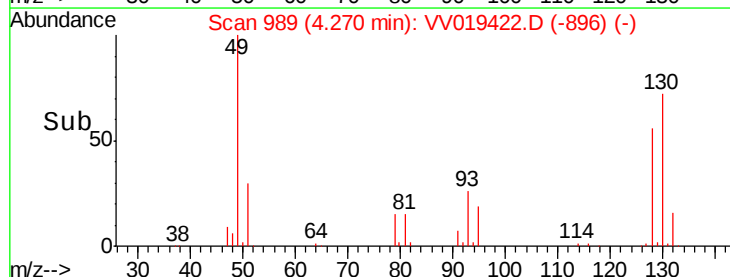


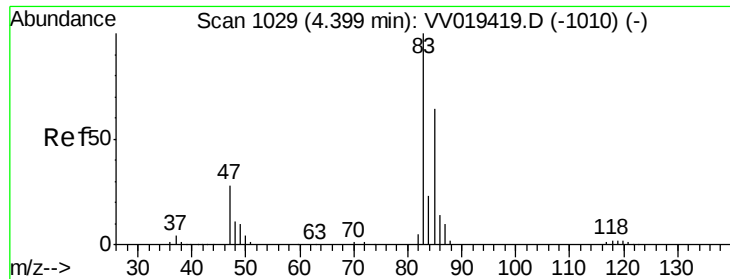
Abundance Ion 128.00 (127.70 to 128.70): VV019422.D (-896) (-)

Ion 49.00 (48.70 to 49.70): VV019422.D (-896) (-)

Ion 130.00 (129.70 to 130.70): VV019422.D (-896) (-)

Ion 51.00 (50.70 to 51.70): VV019422.D (-896) (-)

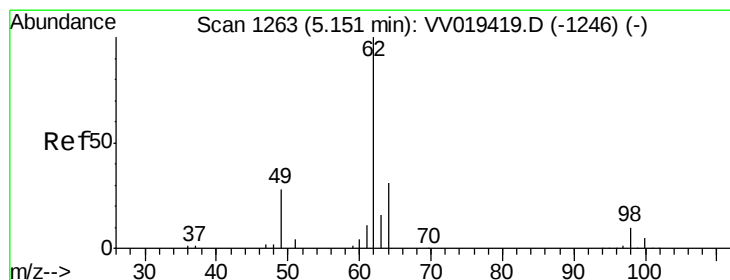
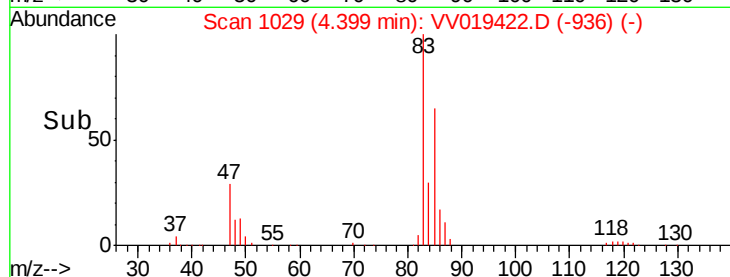
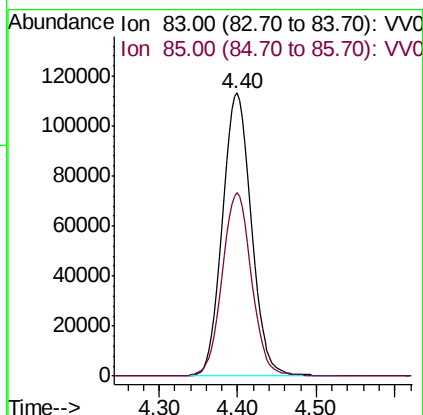
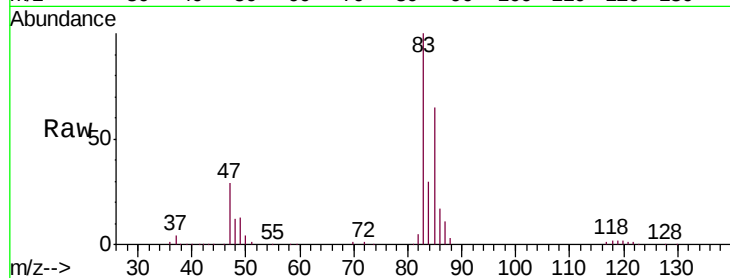




#25
Chloroform
Concen: 50.555 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VV019422.D
Acq: 23 Nov 2020 15:03

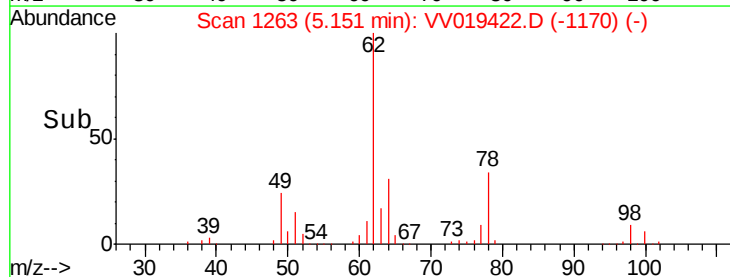
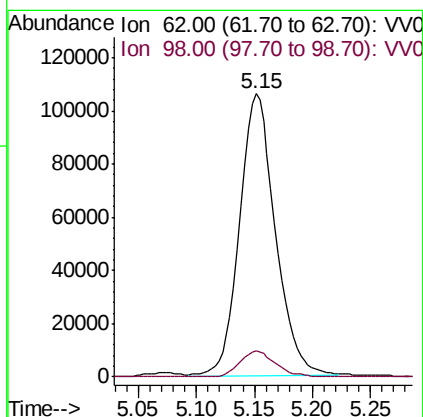
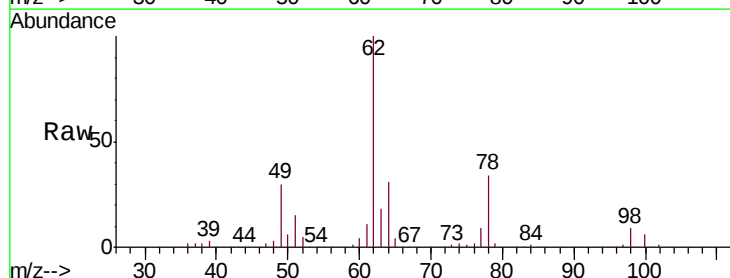
Instrument :
MSVOA_V
ClientSampleId :
VICV63

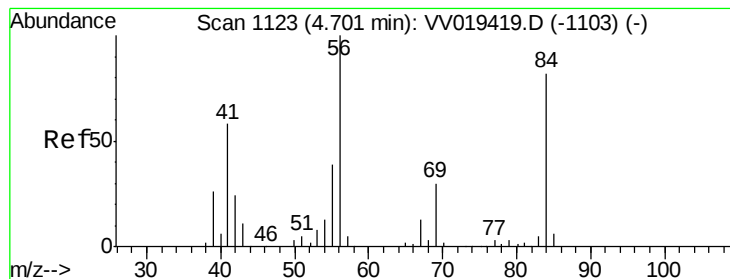
Tgt Ion: 83 Resp: 287543
Ion Ratio Lower Upper
83 100
85 64.8 45.1 83.9



#27
1,2-Dichloroethane
Concen: 50.938 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VV019422.D
Acq: 23 Nov 2020 15:03

Tgt Ion: 62 Resp: 227324
Ion Ratio Lower Upper
62 100
98 9.3 7.6 11.4





#29

Cyclohexane

Concen: 54.151 ug/L

RT: 4.70 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VV019422.D

Acq: 23 Nov 2020 15:03

Instrument :

MSVOA_V

ClientSampleId :

VICV63

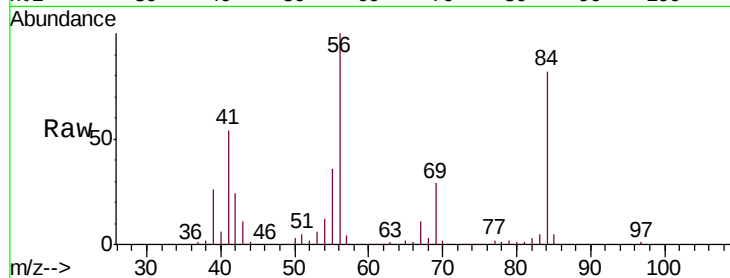
Tgt Ion: 56 Resp: 214667

Ion Ratio Lower Upper

56 100

69 29.3 23.8 35.8

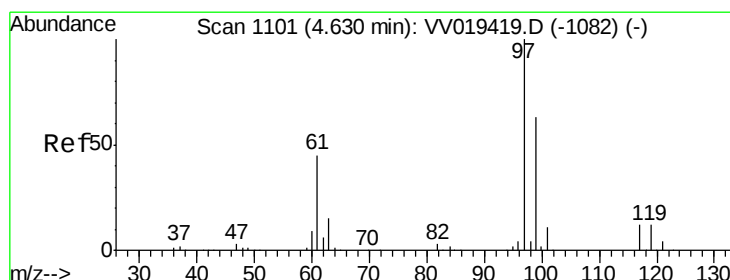
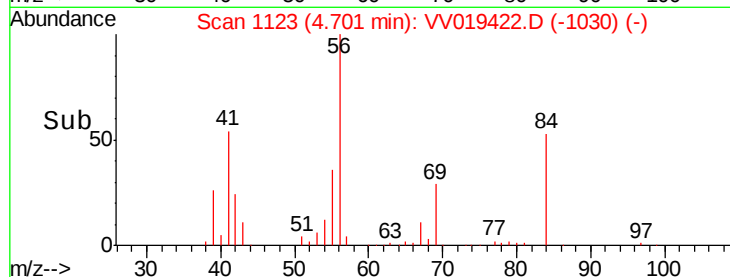
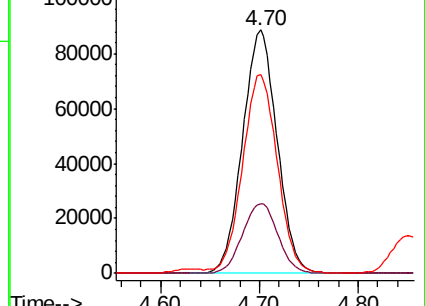
84 81.6 67.0 100.6



Abundance Ion 56.00 (55.70 to 56.70): VV019422.D (-1030) (-)

Ion 69.00 (68.70 to 69.70): VV019422.D (-1030) (-)

Ion 84.00 (83.70 to 84.70): VV019422.D (-1030) (-)



#30

1,1,1-Trichloroethane

Concen: 51.773 ug/L

RT: 4.63 min Scan# 1101

Delta R.T. 0.00 min

Lab File: VV019422.D

Acq: 23 Nov 2020 15:03

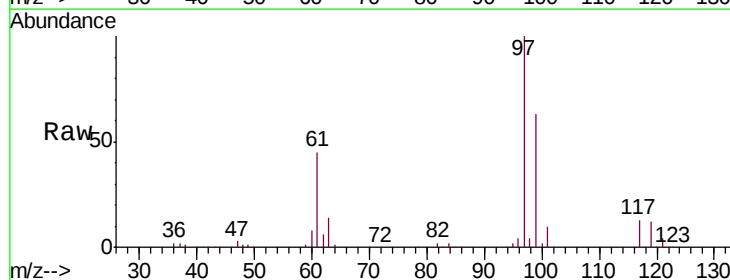
Tgt Ion: 97 Resp: 236830

Ion Ratio Lower Upper

97 100

99 63.6 51.0 76.6

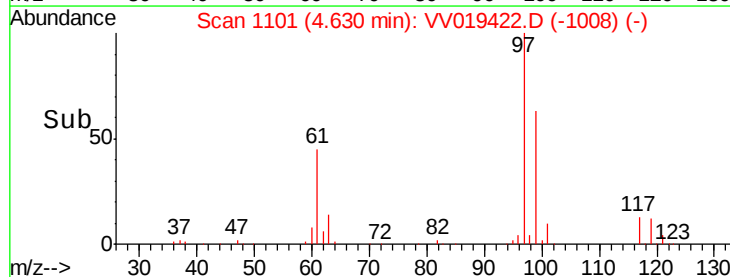
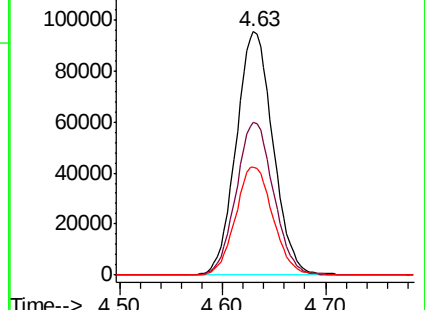
61 45.2 36.9 55.3

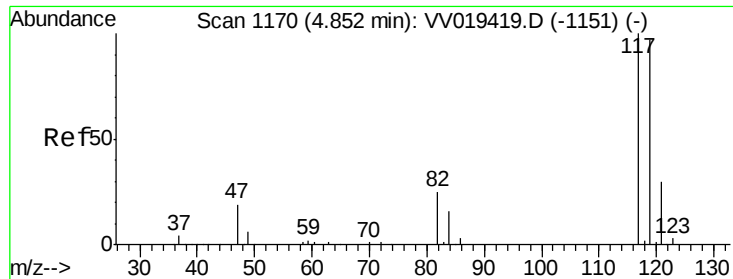


Abundance Ion 97.00 (96.70 to 97.70): VV019422.D (-1008) (-)

Ion 99.00 (98.70 to 99.70): VV019422.D (-1008) (-)

Ion 61.05 (60.75 to 61.75): VV019422.D (-1008) (-)

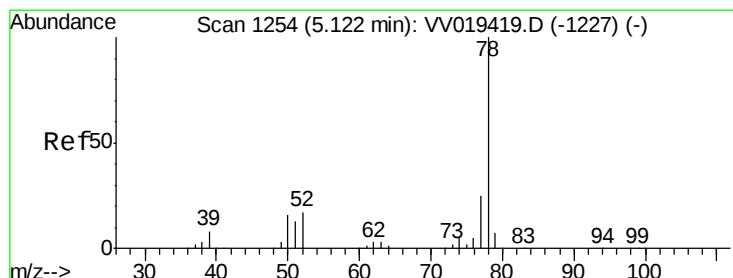
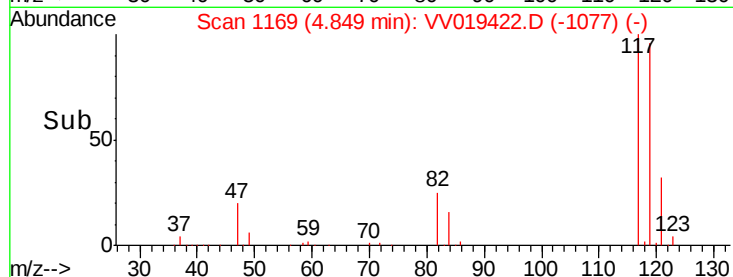
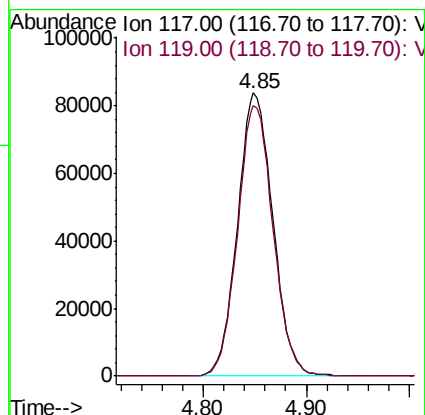
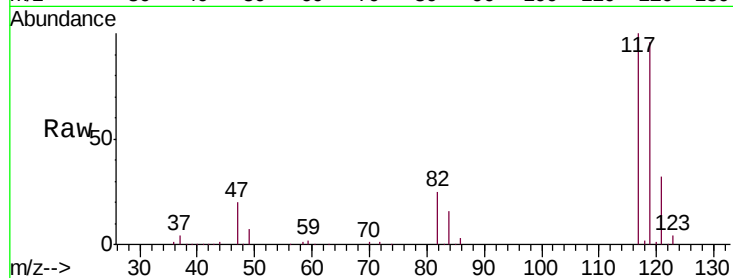




#31
Carbon tetrachloride
Concen: 50.884 ug/L
RT: 4.85 min Scan# 1169
Delta R.T. -0.00 min
Lab File: VV019422.D
Acq: 23 Nov 2020 15:03

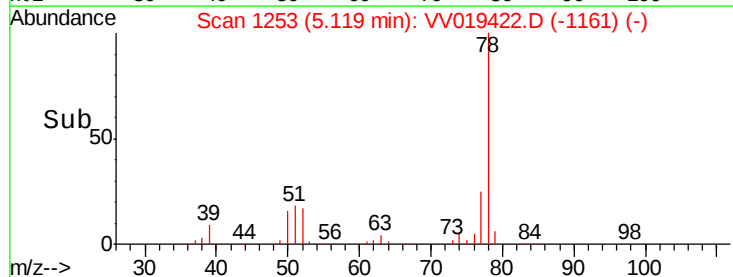
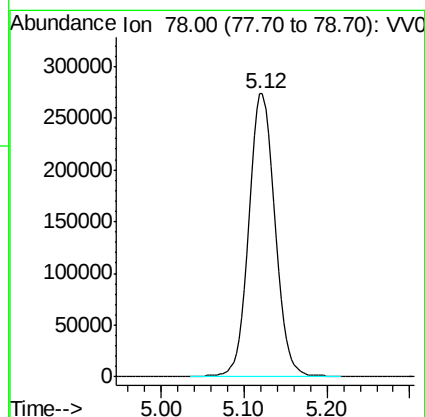
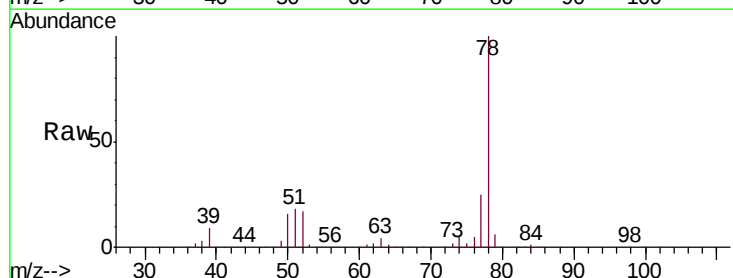
Instrument :
MSVOA_V
ClientSampleId :
VICV63

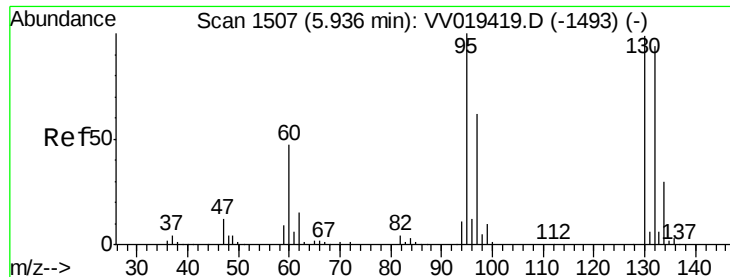
Tgt Ion:117 Resp: 199823
Ion Ratio Lower Upper
117 100
119 95.6 76.2 114.4



#33
Benzene
Concen: 53.075 ug/L
RT: 5.12 min Scan# 1253
Delta R.T. -0.00 min
Lab File: VV019422.D
Acq: 23 Nov 2020 15:03

Tgt Ion: 78 Resp: 601502





#34

Trichloroethene

Concen: 51.303 ug/L

RT: 5.93 min Scan# 1506

Delta R.T. -0.00 min

Lab File: VV019422.D

Acq: 23 Nov 2020 15:03

Instrument :

MSVOA_V

ClientSampleId :

VICV63

Tgt Ion: 95 Resp: 162139

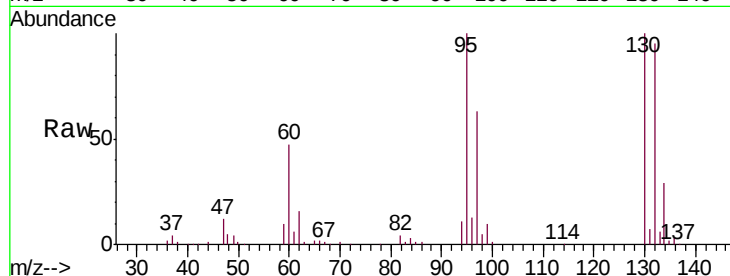
Ion Ratio Lower Upper

95 100

97 63.5 43.8 81.3

132 94.9 65.6 121.8

130 99.9 69.2 128.6

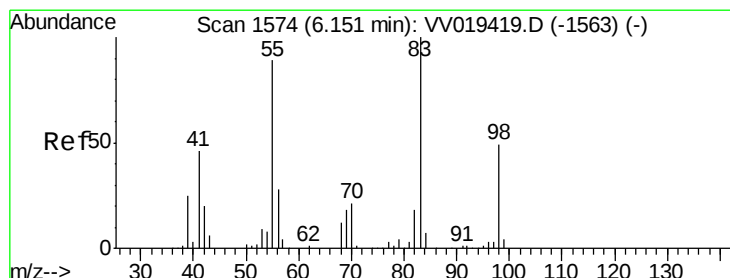
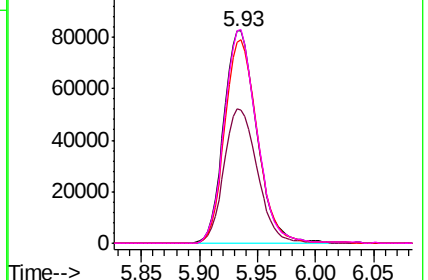
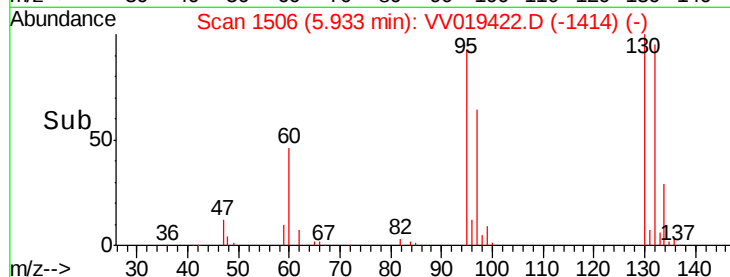


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#35

Methylcyclohexane

Concen: 55.115 ug/L

RT: 6.15 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VV019422.D

Acq: 23 Nov 2020 15:03

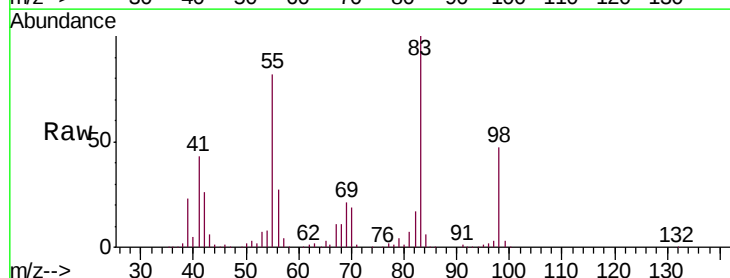
Tgt Ion: 83 Resp: 204971

Ion Ratio Lower Upper

83 100

55 81.9 67.4 101.2

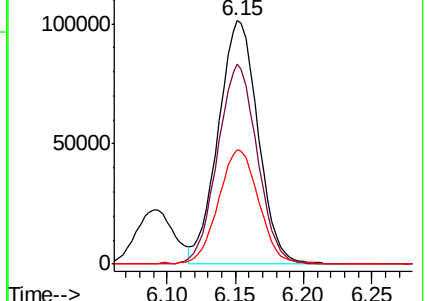
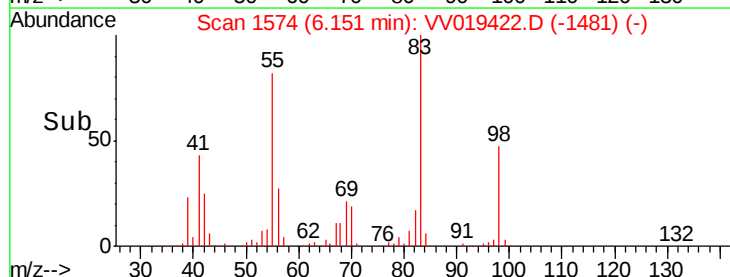
98 47.3 38.3 57.5

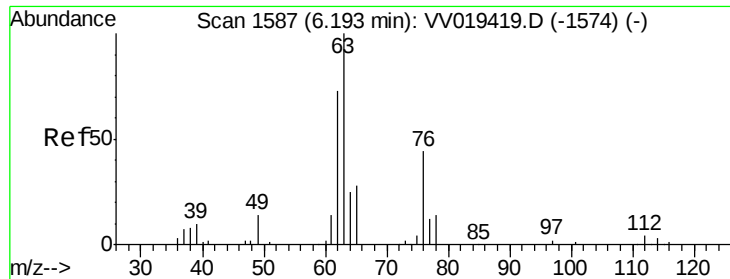


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

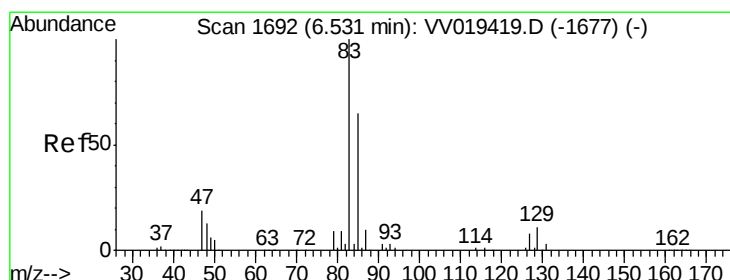
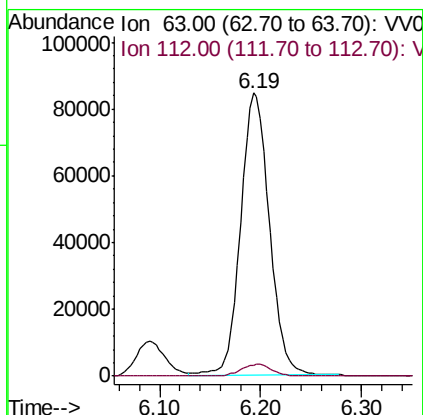
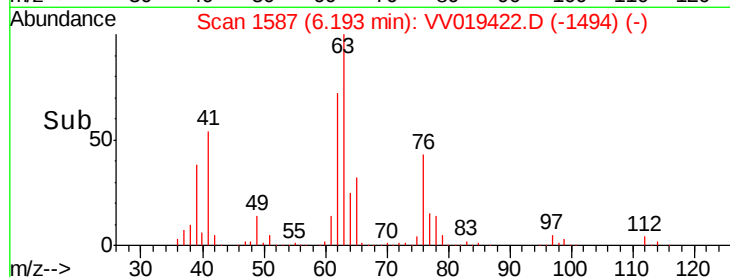
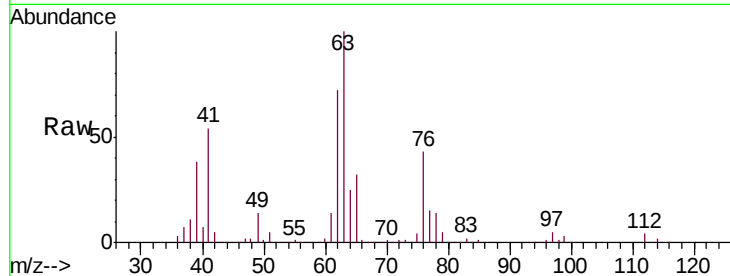




#37
 1,2-Dichloropropane
 Concen: 53.282 ug/L
 RT: 6.19 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: VV019422.D
 Acq: 23 Nov 2020 15:03

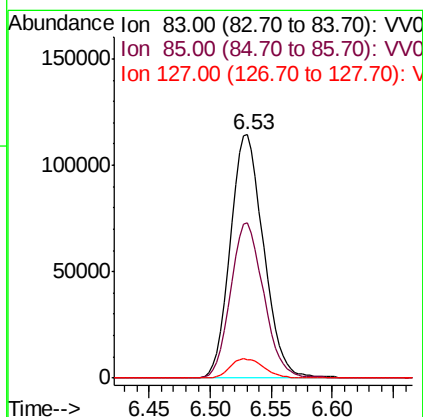
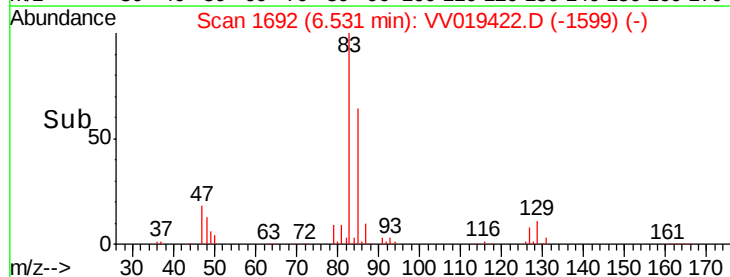
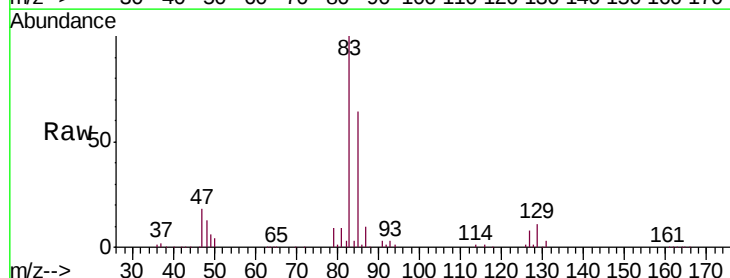
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV63

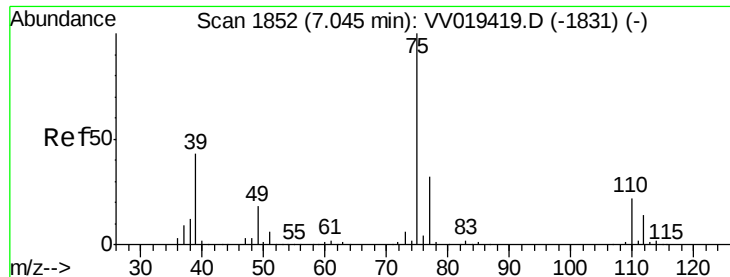
Tgt Ion: 63 Resp: 166556
 Ion Ratio Lower Upper
 63 100
 112 4.4 3.8 5.6



#38
 Bromodichloromethane
 Concen: 52.438 ug/L
 RT: 6.53 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VV019422.D
 Acq: 23 Nov 2020 15:03

Tgt Ion: 83 Resp: 217323
 Ion Ratio Lower Upper
 83 100
 85 63.6 45.3 84.1
 127 7.7 6.6 9.8



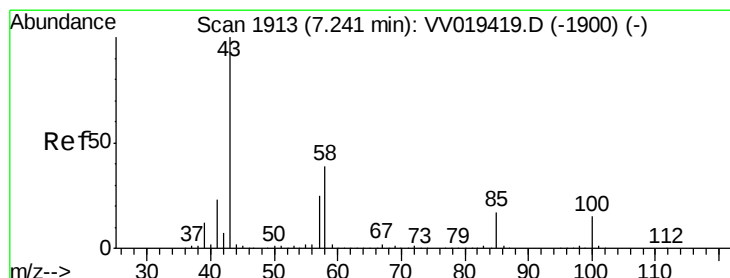
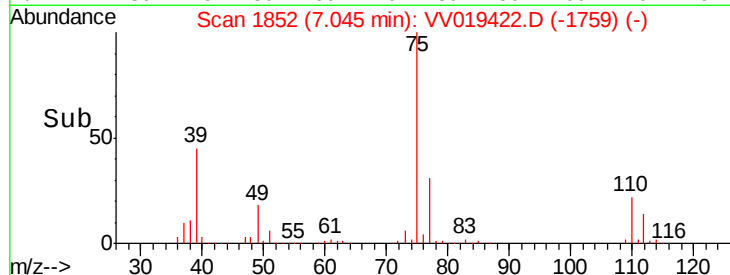
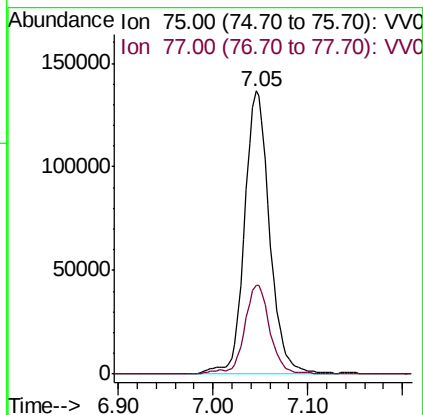
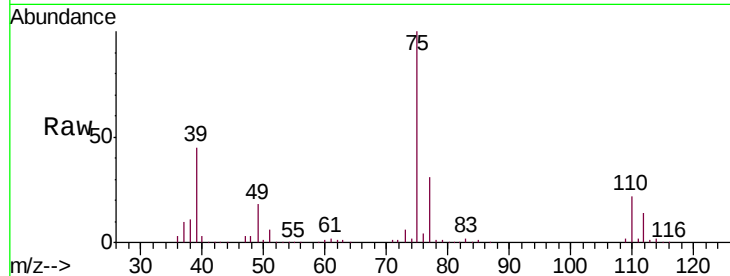


#39

cis-1,3-Dichloropropene
 Concen: 54.555 ug/L
 RT: 7.05 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VV019422.D
 Acq: 23 Nov 2020 15:03

Instrument :
 MSVOA_V
 ClientSampled :
 VICV63

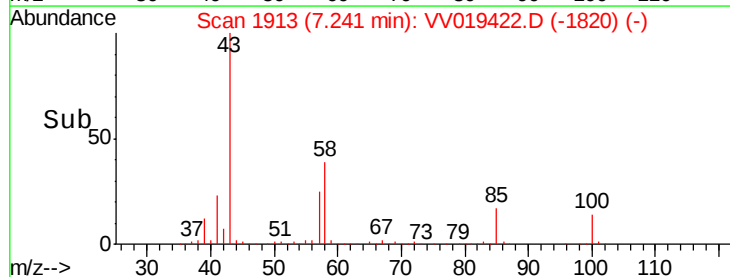
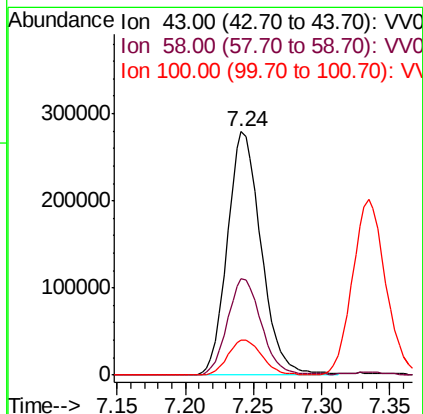
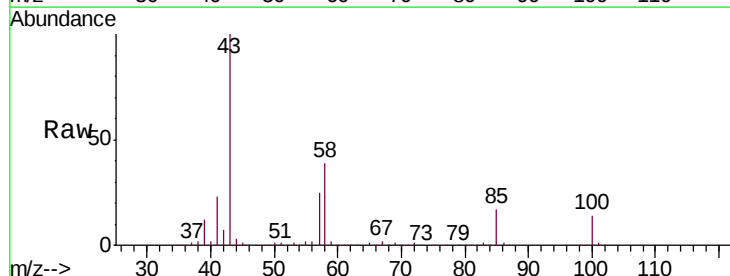
Tgt Ion: 75 Resp: 251902
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.5 41.7

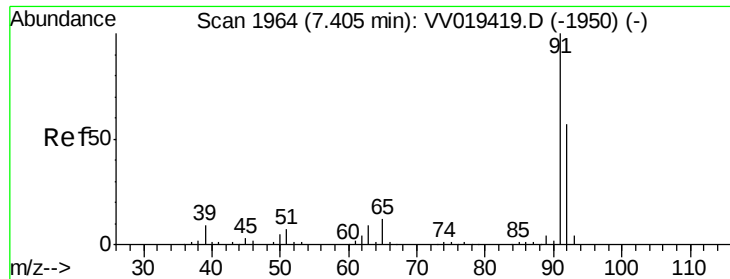


#40

4-Methyl-2-pentanone
 Concen: 109.371 ug/L
 RT: 7.24 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: VV019422.D
 Acq: 23 Nov 2020 15:03

Tgt Ion: 43 Resp: 482088
 Ion Ratio Lower Upper
 43 100
 58 39.6 31.0 46.4
 100 14.6 11.7 17.5





#42

Toluene

Concen: 53.969 ug/L

RT: 7.41 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VV019422.D

Acq: 23 Nov 2020 15:03

Instrument :

MSVOA_V

ClientSampleId :

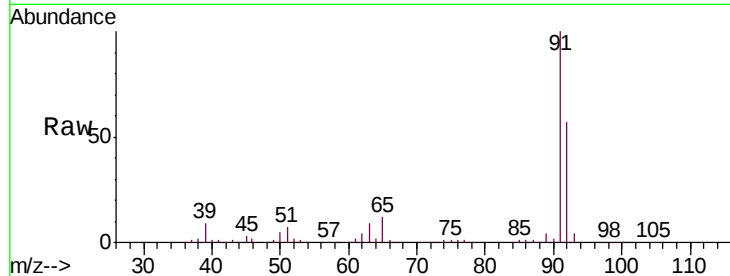
VICV63

Tgt Ion: 91 Resp: 634488

Ion Ratio Lower Upper

91 100

92 57.3 40.0 74.4



Abundance Ion 91.00 (90.70 to 91.70): VV019422.D (-1871) (-)

Ion 92.00 (91.70 to 92.70): VV019422.D (-1871) (-)

7.41

400000

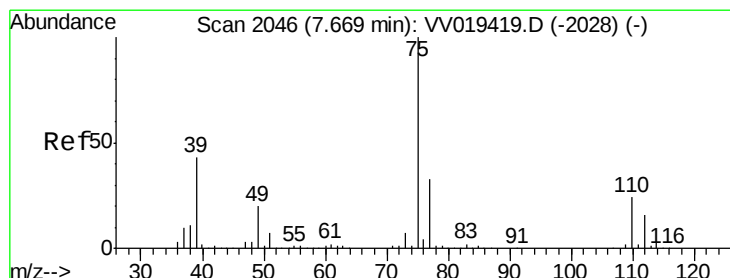
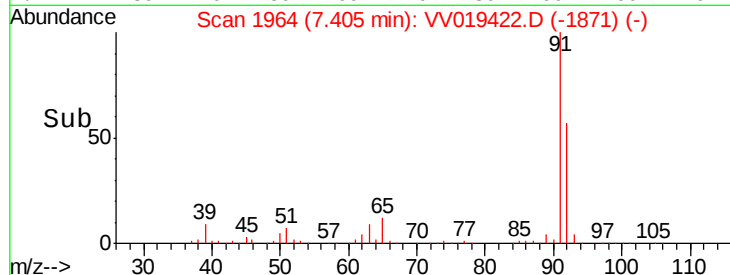
300000

200000

100000

0

Time--> 7.30 7.40 7.50



#44

trans-1,3-Dichloropropene

Concen: 54.993 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VV019422.D

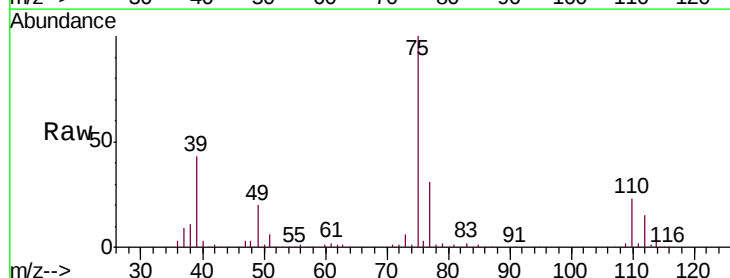
Acq: 23 Nov 2020 15:03

Tgt Ion: 75 Resp: 252930

Ion Ratio Lower Upper

75 100

77 31.2 22.8 42.4



Abundance Ion 75.00 (74.70 to 75.70): VV019422.D (-1953) (-)

Ion 77.00 (76.70 to 77.70): VV019422.D (-1953) (-)

7.67

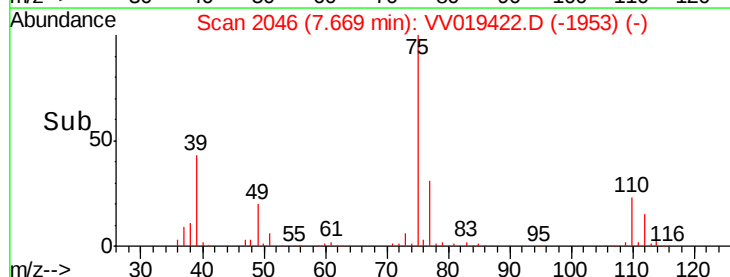
150000

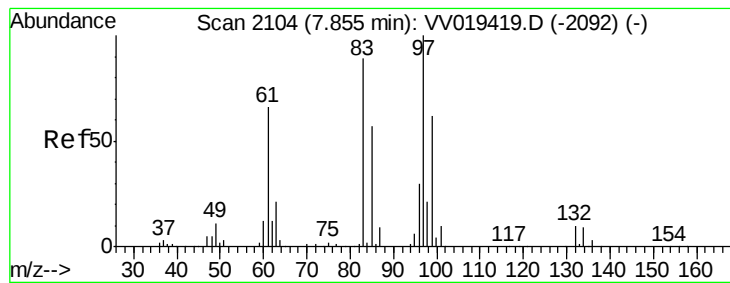
100000

50000

0

Time--> 7.60 7.70 7.80





#45

1,1,2-Trichloroethane

Concen: 53.289 ug/L

RT: 7.86 min Scan# 2104

Delta R.T. 0.00 min

Lab File: VV019422.D

Acq: 23 Nov 2020 15:03

Instrument :

MSVOA_V

ClientSampled :

VICV63

Tgt Ion: 97 Resp: 155985

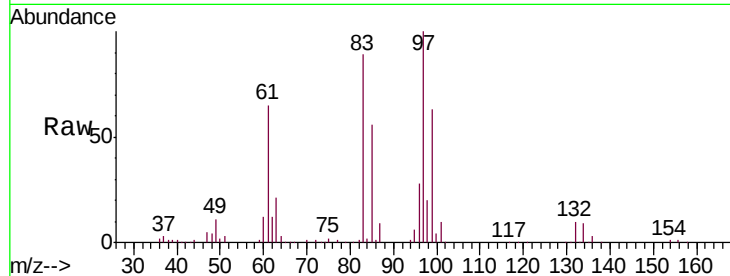
Ion Ratio Lower Upper

97 100

99 63.3 43.7 81.1

83 89.1 62.0 115.2

85 55.9 40.0 74.4

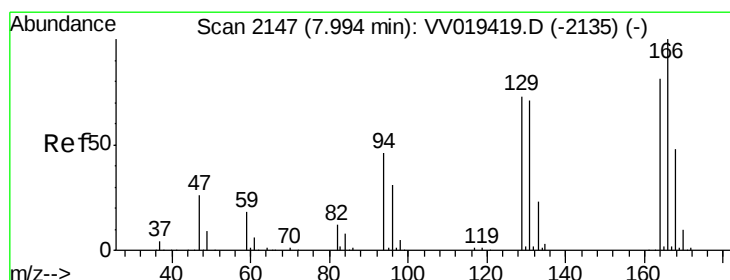
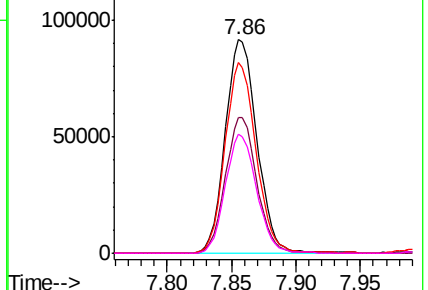
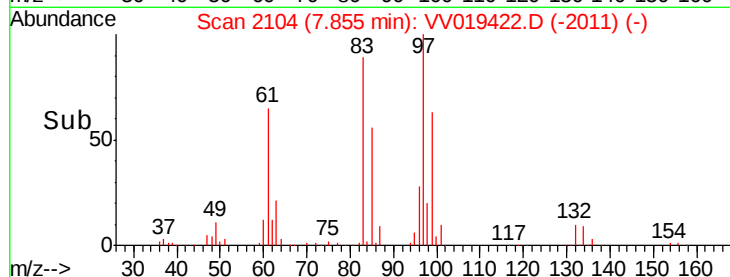


Abundance Ion 97.00 (96.70 to 97.70): VV019422.D (-2011) (-)

Ion 99.00 (98.70 to 99.70): VV019422.D (-2011) (-)

Ion 83.00 (82.70 to 83.70): VV019422.D (-2011) (-)

Ion 85.00 (84.70 to 85.70): VV019422.D (-2011) (-)



#46

Tetrachloroethene

Concen: 51.311 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. 0.00 min

Lab File: VV019422.D

Acq: 23 Nov 2020 15:03

Tgt Ion: 164 Resp: 112627

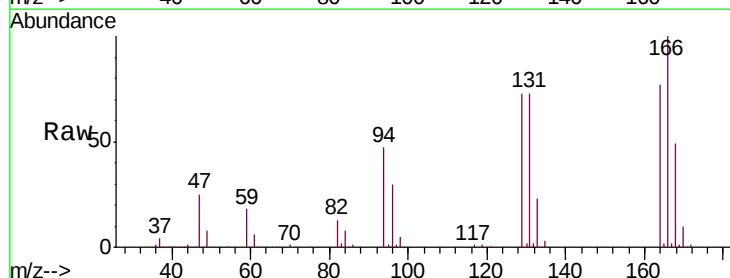
Ion Ratio Lower Upper

164 100

129 94.5 62.9 116.7

131 95.3 61.1 113.5

166 129.9 86.5 160.6

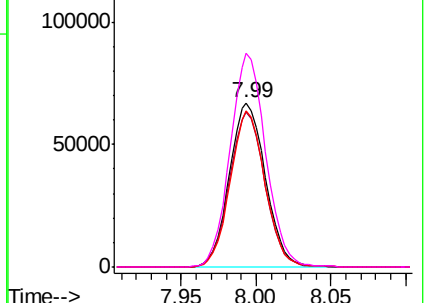
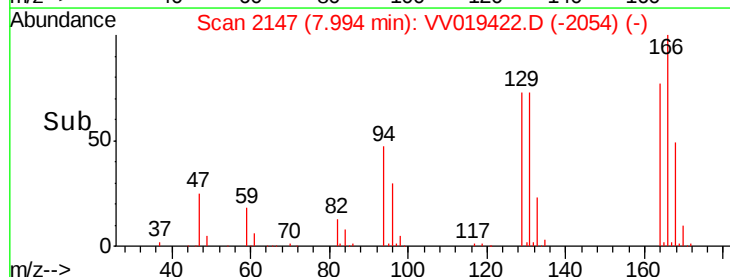


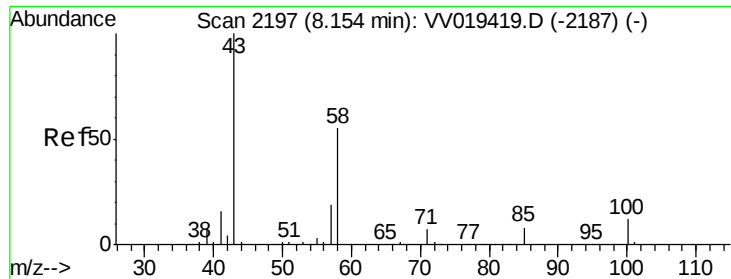
Abundance Ion 164.00 (163.70 to 164.70): VV019422.D (-2054) (-)

Ion 129.00 (128.70 to 129.70): VV019422.D (-2054) (-)

Ion 131.00 (130.70 to 131.70): VV019422.D (-2054) (-)

Ion 166.00 (165.70 to 166.70): VV019422.D (-2054) (-)

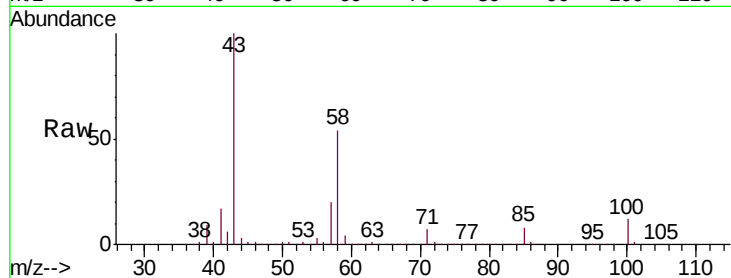




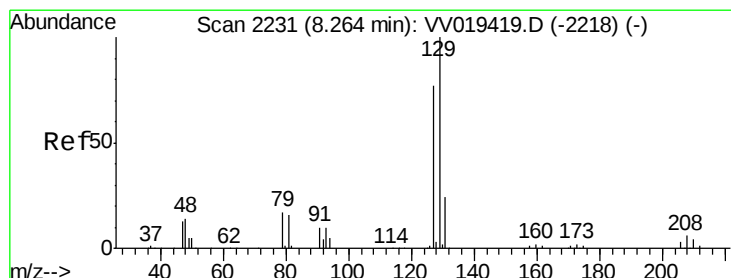
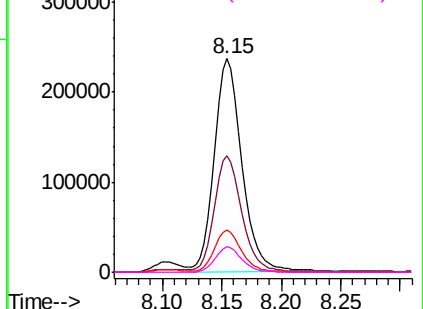
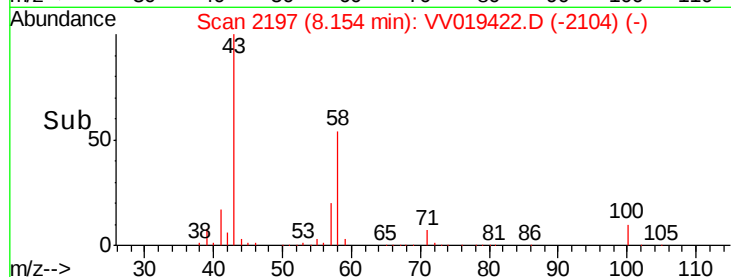
#48
2-Hexanone
Concen: 108.893 ug/L
RT: 8.15 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VV019422.D
Acq: 23 Nov 2020 15:03

Instrument :
MSVOA_V
ClientSampleId :
VICV63

Tgt Ion:	43	Resp:	380155
Ion	Ratio	Lower	Upper
43	100		
58	53.6	43.8	65.6
57	19.1	15.4	23.2
100	11.6	9.0	13.6

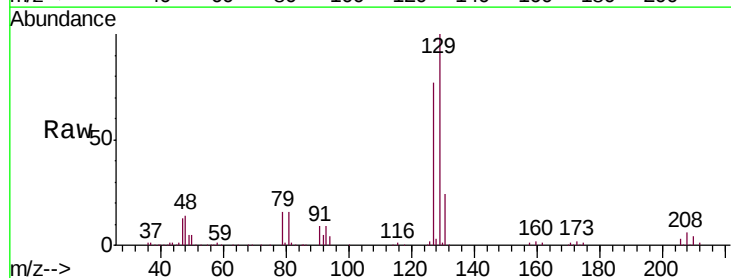


Abundance Ion 43.00 (42.70 to 43.70): VV019422.D (-2104) (-)
Ion 58.00 (57.70 to 58.70): VV019422.D (-2104) (-)
Ion 57.00 (56.70 to 57.70): VV019422.D (-2104) (-)
Ion 100.00 (99.70 to 100.70): VV019422.D (-2104) (-)

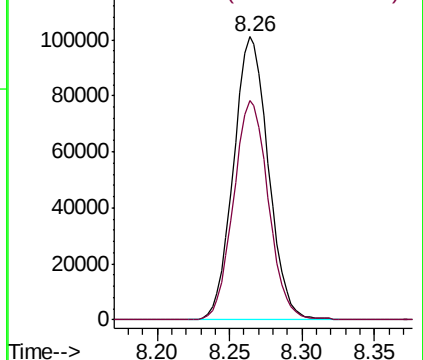
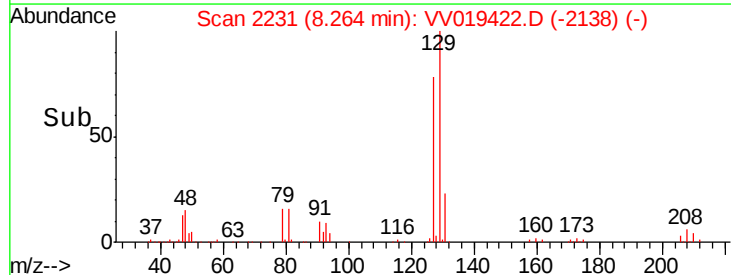


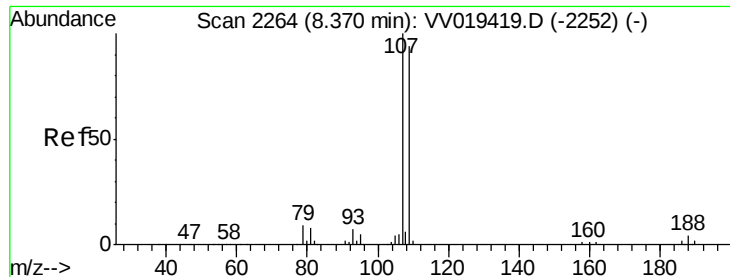
#49
Dibromochloromethane
Concen: 52.258 ug/L
RT: 8.26 min Scan# 2231
Delta R.T. 0.00 min
Lab File: VV019422.D
Acq: 23 Nov 2020 15:03

Tgt Ion:	129	Resp:	169058
Ion	Ratio	Lower	Upper
129	100		
127	77.3	53.5	99.5



Abundance Ion 129.00 (128.70 to 129.70): VV019422.D (-2138) (-)
Ion 127.00 (126.70 to 127.70): VV019422.D (-2138) (-)





#50

1,2-Dibromoethane

Concen: 52.346 ug/L

RT: 8.37 min Scan# 2264

Delta R.T. 0.00 min

Lab File: VV019422.D

Acq: 23 Nov 2020 15:03

Instrument :

MSVOA_V

ClientSampleId :

VICV63

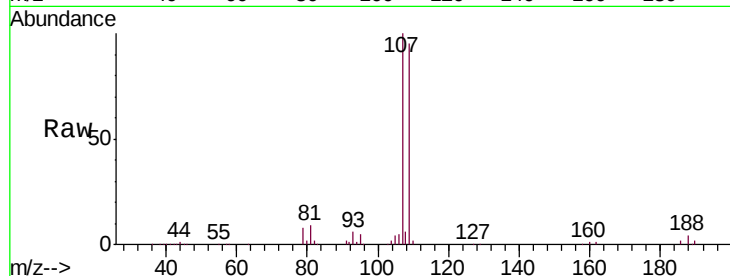
Tgt Ion:107 Resp: 162613

Ion Ratio Lower Upper

107 100

109 95.3 66.1 122.8

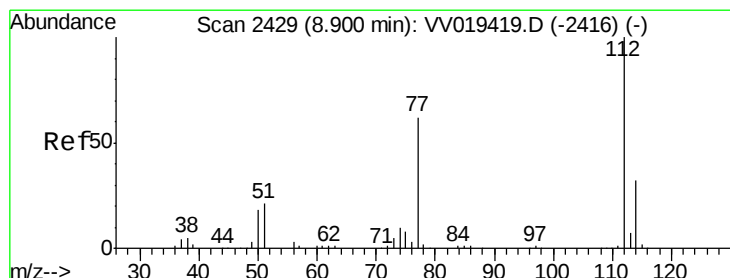
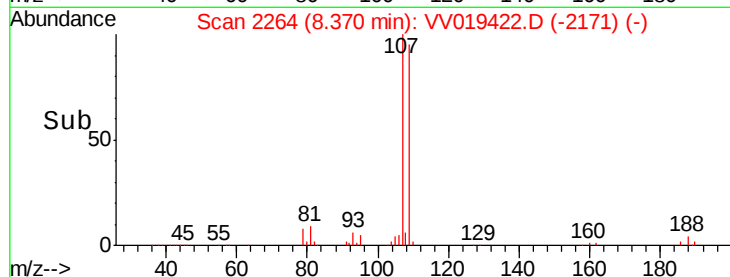
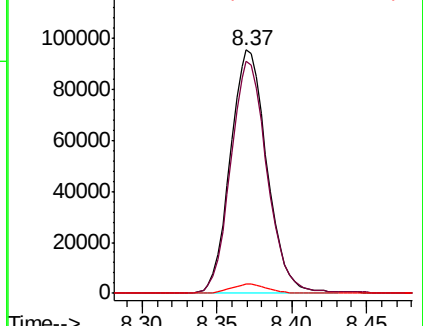
188 3.7 3.0 4.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V



#51

Chlorobenzene

Concen: 51.664 ug/L

RT: 8.90 min Scan# 2429

Delta R.T. 0.00 min

Lab File: VV019422.D

Acq: 23 Nov 2020 15:03

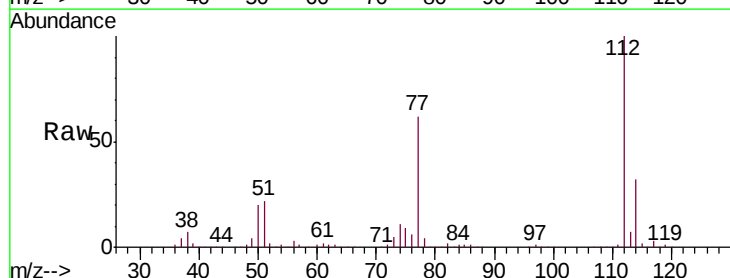
Tgt Ion:112 Resp: 400698

Ion Ratio Lower Upper

112 100

114 31.5 22.7 42.1

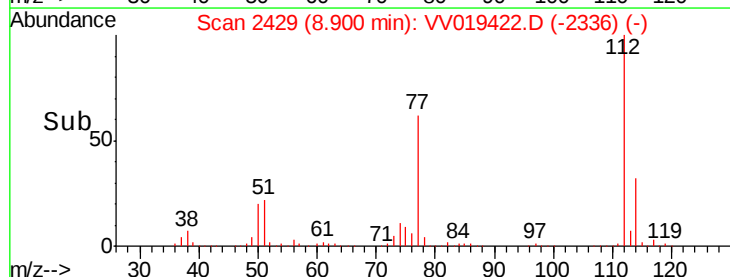
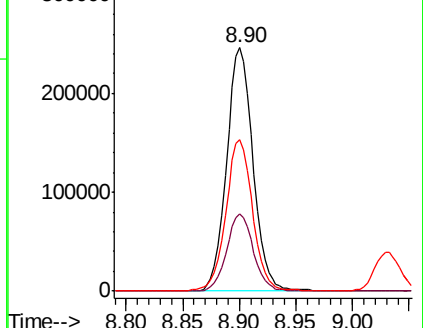
77 62.4 50.3 75.5

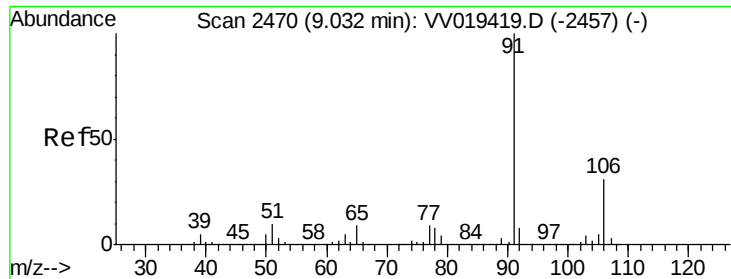


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0





#52

Ethylbenzene

Concen: 53.256 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. 0.00 min

Lab File: VV019422.D

Acq: 23 Nov 2020 15:03

Instrument :

MSVOA_V

ClientSampleId :

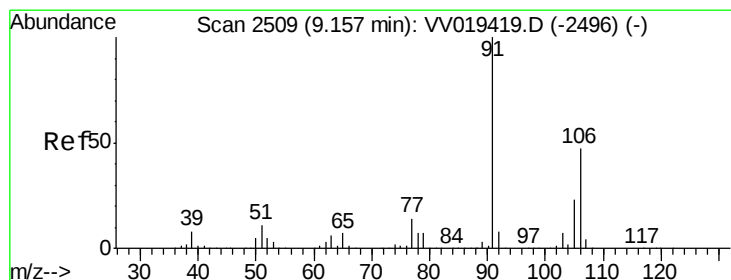
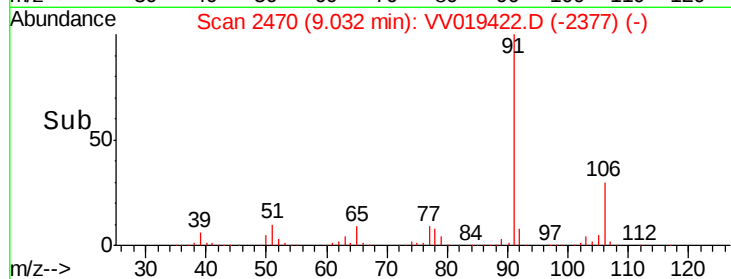
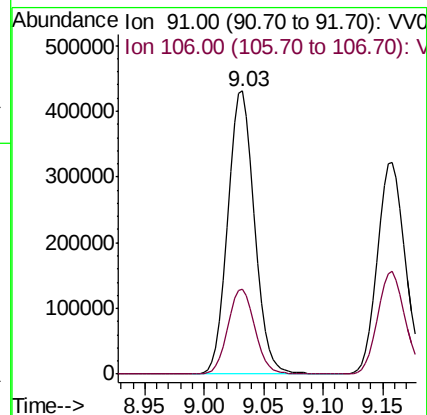
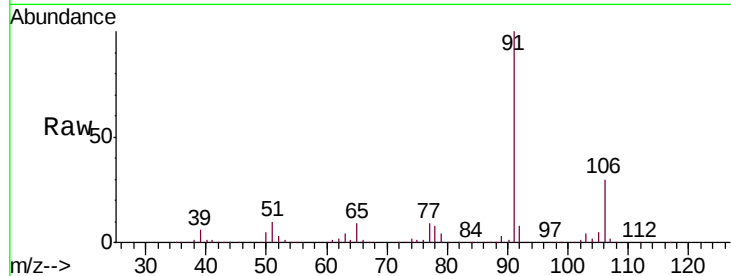
VICV63

Tgt Ion: 91 Resp: 671903

Ion Ratio Lower Upper

91 100

106 30.0 21.4 39.8



#53

m,p-Xylene

Concen: 53.692 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VV019422.D

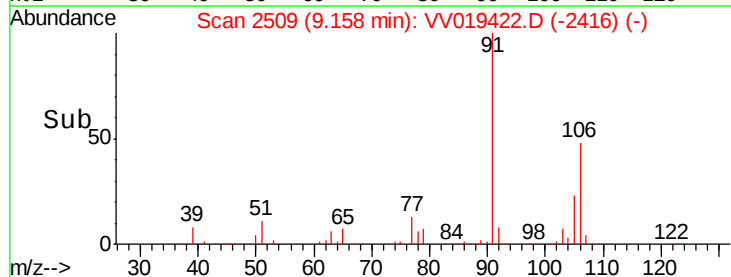
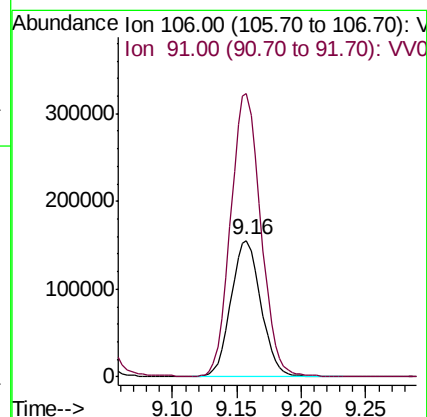
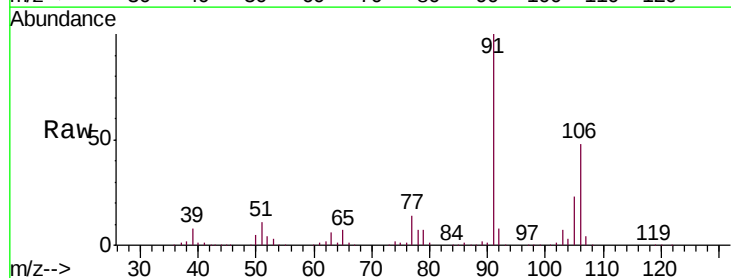
Acq: 23 Nov 2020 15:03

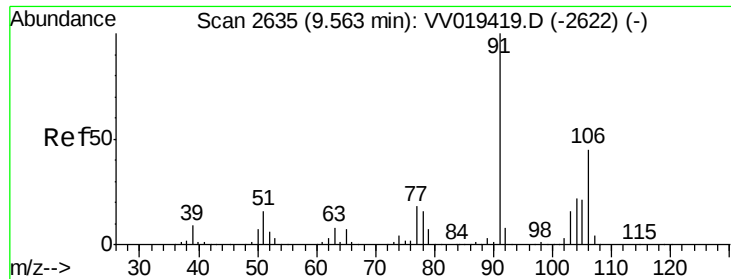
Tgt Ion: 106 Resp: 250641

Ion Ratio Lower Upper

106 100

91 207.0 148.7 276.3





#54

o-xylene

Concen: 54.607 ug/L

RT: 9.56 min Scan# 2635

Delta R.T. 0.00 min

Lab File: VV019422.D

Acq: 23 Nov 2020 15:03

Instrument :

MSVOA_V

ClientSampleId :

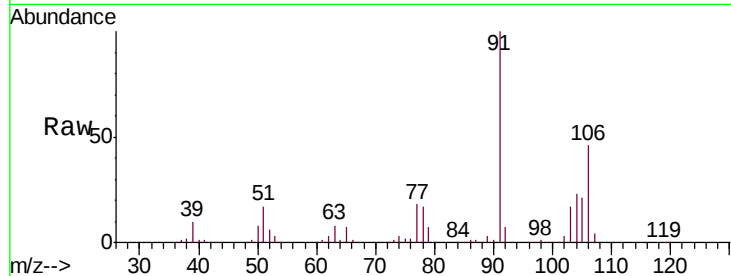
VICV63

Tgt Ion:106 Resp: 248201

Ion Ratio Lower Upper

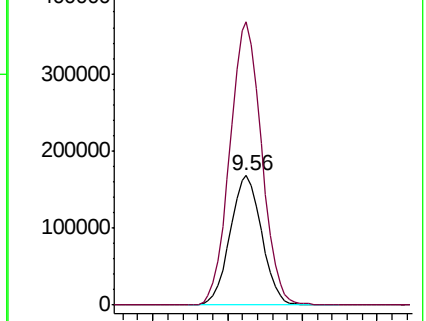
106 100

91 218.6 155.1 288.1

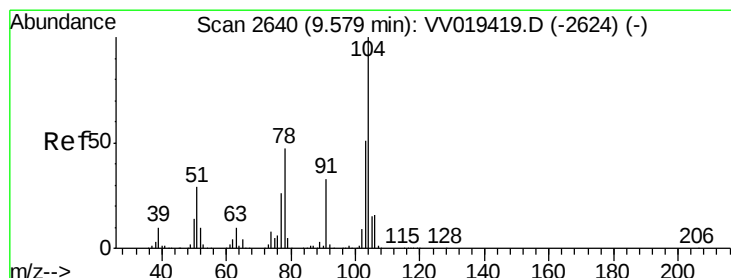
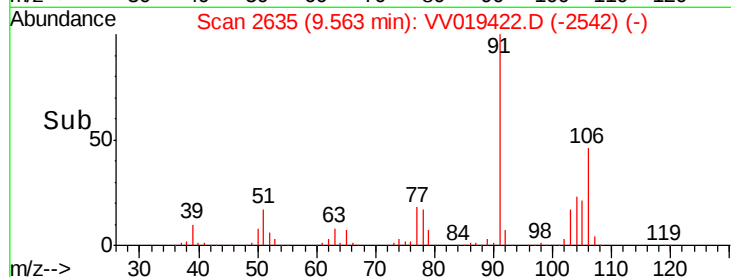


Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



Time-->



#55

Styrene

Concen: 55.431 ug/L

RT: 9.58 min Scan# 2640

Delta R.T. 0.00 min

Lab File: VV019422.D

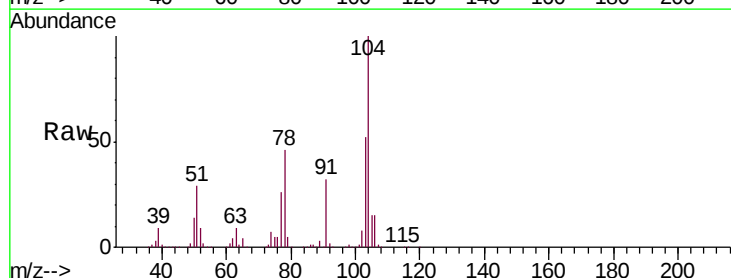
Acq: 23 Nov 2020 15:03

Tgt Ion:104 Resp: 451016

Ion Ratio Lower Upper

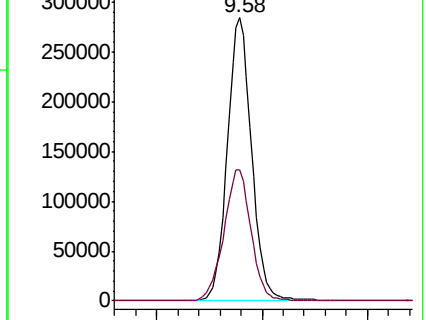
104 100

78 46.5 33.0 61.4

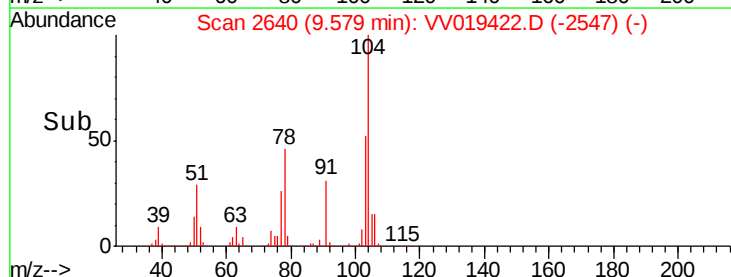


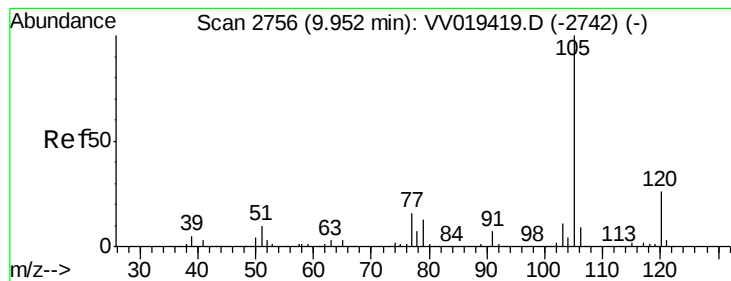
Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0



Time-->





#56

Isopropylbenzene

Concen: 54.186 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VV019422.D

Acq: 23 Nov 2020 15:03

Instrument :

MSVOA_V

ClientSampled :

VICV63

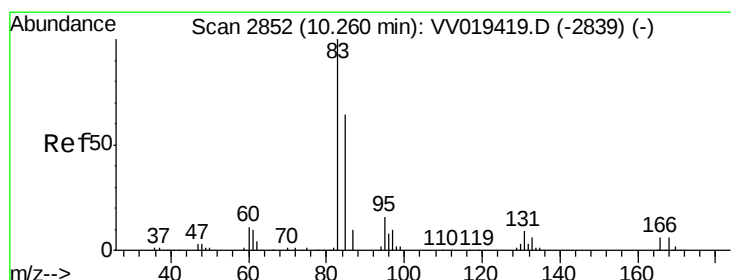
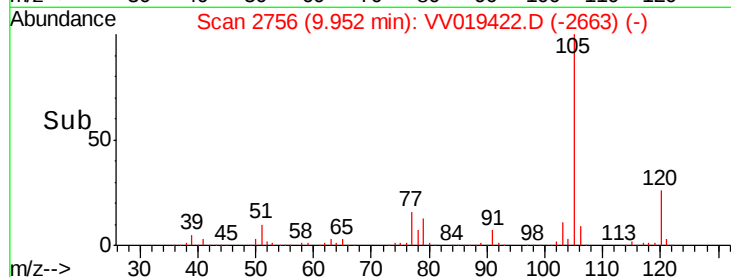
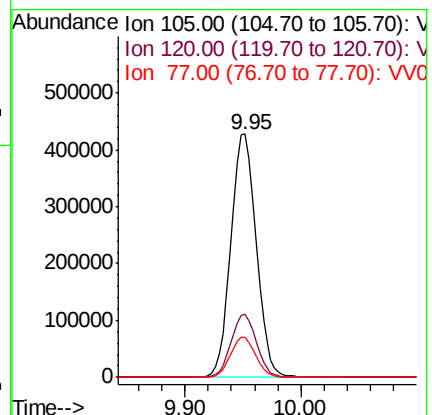
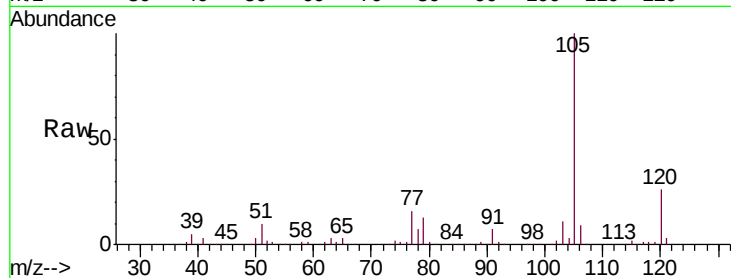
Tgt Ion: 105 Resp: 645254

Ion Ratio Lower Upper

105 100

120 25.8 20.8 31.2

77 16.3 13.1 19.7



#58

1,1,2,2-Tetrachloroethane

Concen: 52.567 ug/L

RT: 10.26 min Scan# 2852

Delta R.T. 0.00 min

Lab File: VV019422.D

Acq: 23 Nov 2020 15:03

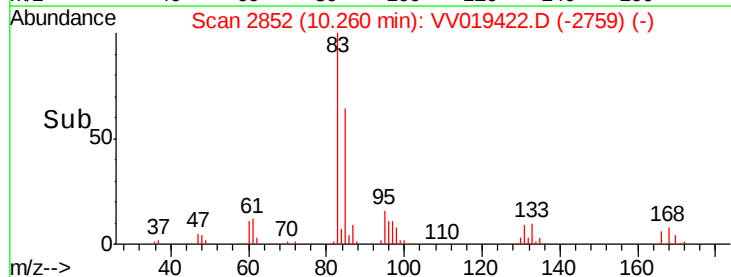
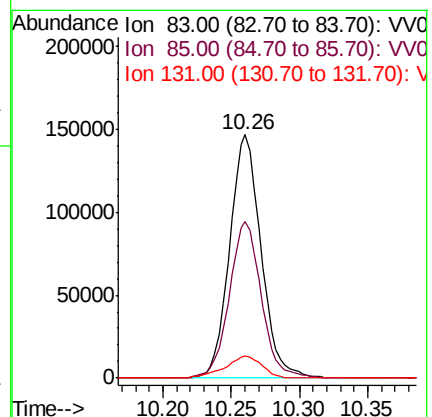
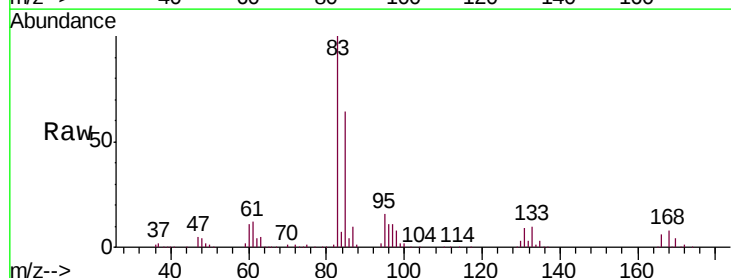
Tgt Ion: 83 Resp: 235193

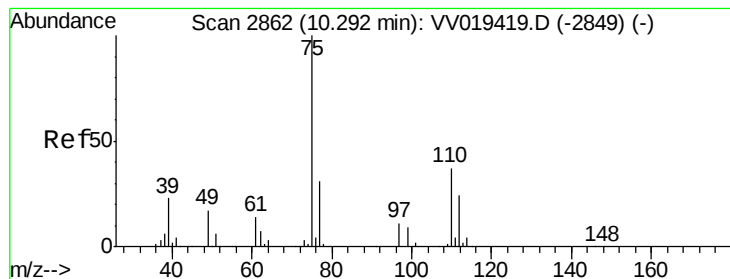
Ion Ratio Lower Upper

83 100

85 64.4 44.8 83.2

131 9.0 7.2 10.8





#59

1,2,3-Trichloropropane

Concen: 51.911 ug/L

RT: 10.29 min Scan# 2862

Delta R.T. 0.00 min

Lab File: VV019422.D

Acq: 23 Nov 2020 15:03

Instrument :

MSVOA_V

ClientSampleId :

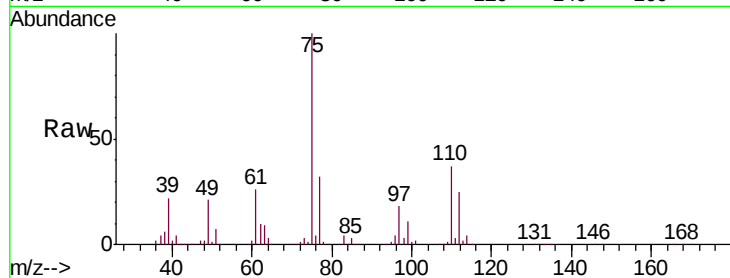
VICV63

Tgt Ion: 75 Resp: 213153

Ion Ratio Lower Upper

75 100

77 32.0 25.2 37.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

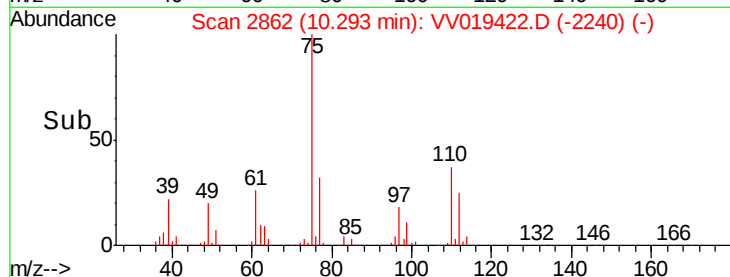
150000

100000

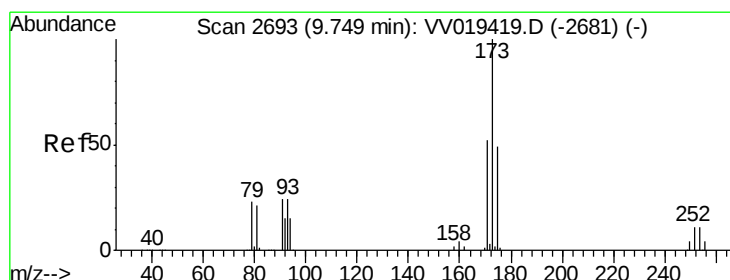
50000

0

10.20 10.30 10.40



Time-->



#61

Bromoform

Concen: 51.322 ug/L

RT: 9.75 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VV019422.D

Acq: 23 Nov 2020 15:03

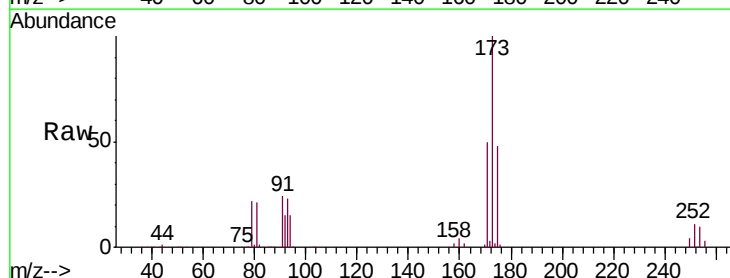
Tgt Ion: 173 Resp: 127745

Ion Ratio Lower Upper

173 100

175 48.4 38.8 58.2

254 10.1 8.6 13.0



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V

100000

80000

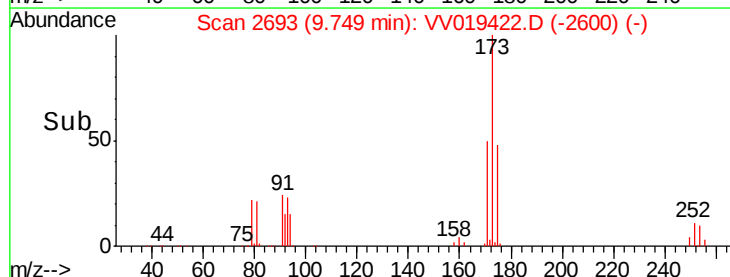
60000

40000

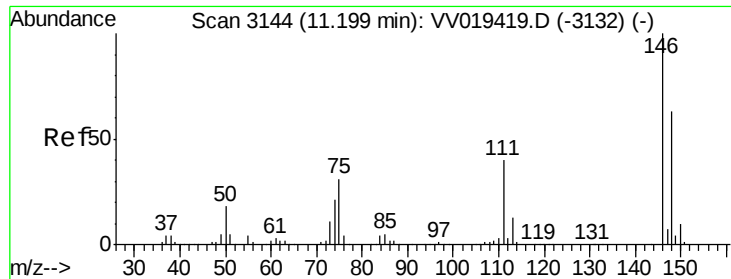
20000

0

9.70 9.75 9.80 9.85



Time-->



#62

1,3-Dichlorobenzene

Concen: 52.090 ug/L

RT: 11.20 min Scan# 3144

Delta R.T. 0.00 min

Lab File: VV019422.D

Acq: 23 Nov 2020 15:03

Instrument :

MSVOA_V

ClientSampleId :

VICV63

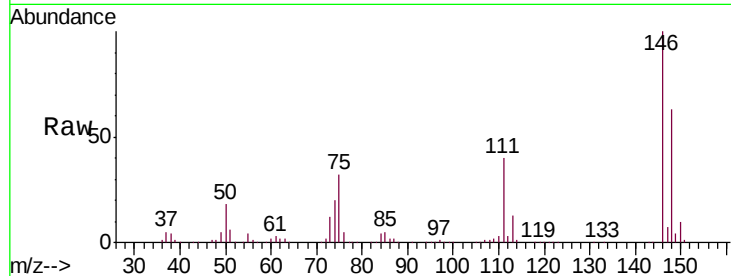
Tgt Ion:146 Resp: 329936

Ion Ratio Lower Upper

146 100

111 40.2 27.9 51.7

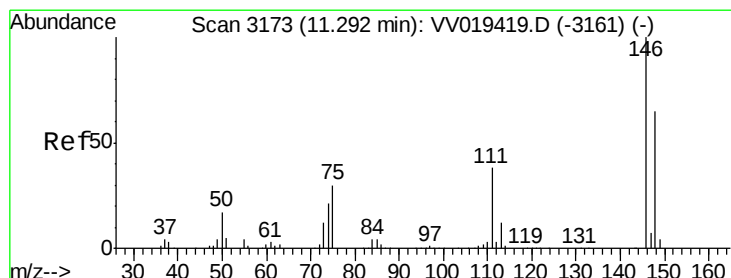
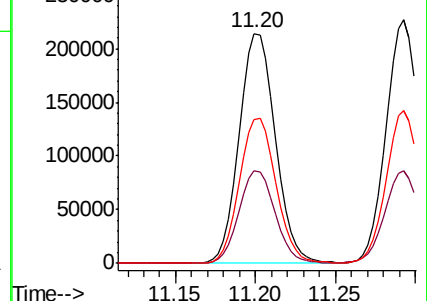
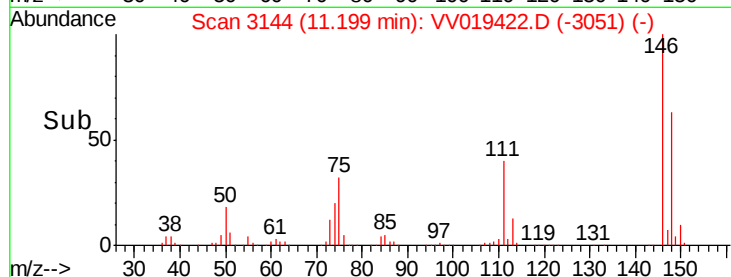
148 62.7 44.4 82.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 51.239 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.00 min

Lab File: VV019422.D

Acq: 23 Nov 2020 15:03

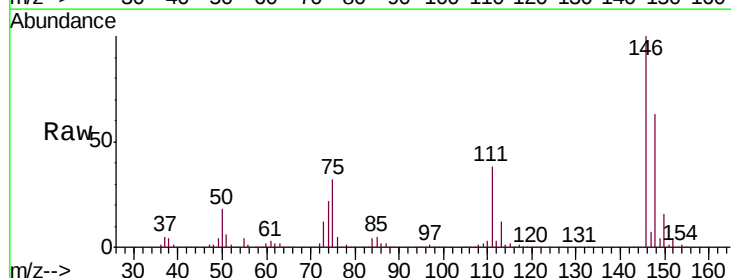
Tgt Ion:146 Resp: 341120

Ion Ratio Lower Upper

146 100

111 37.9 26.7 49.7

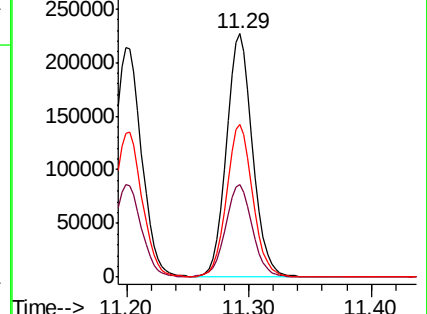
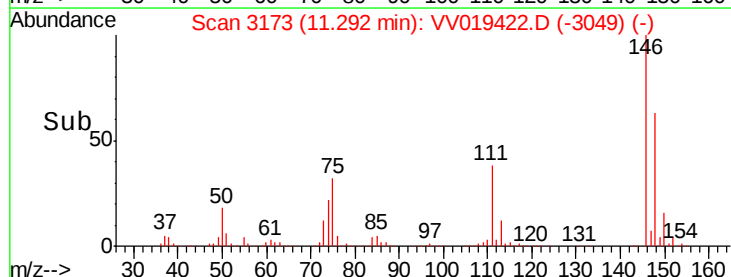
148 62.9 45.2 84.0

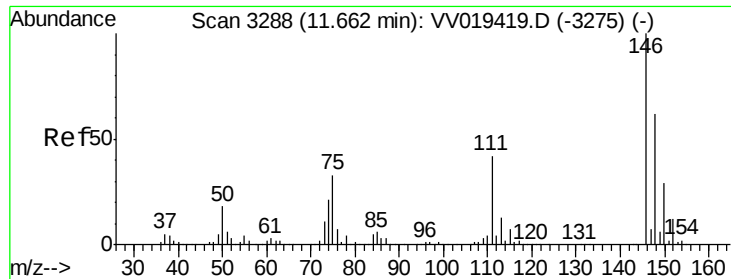


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

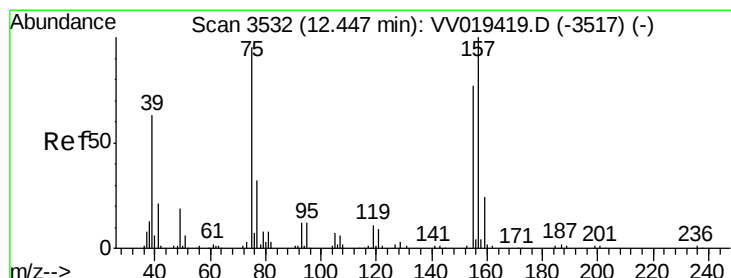
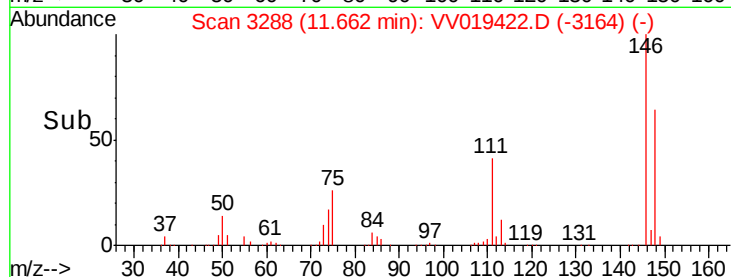
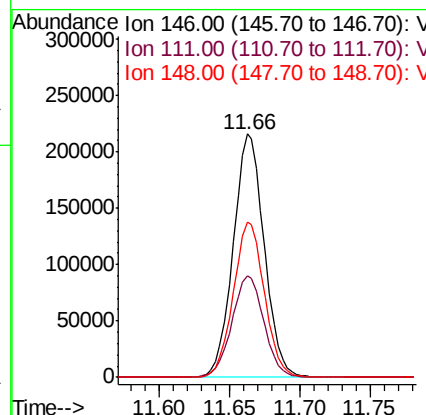
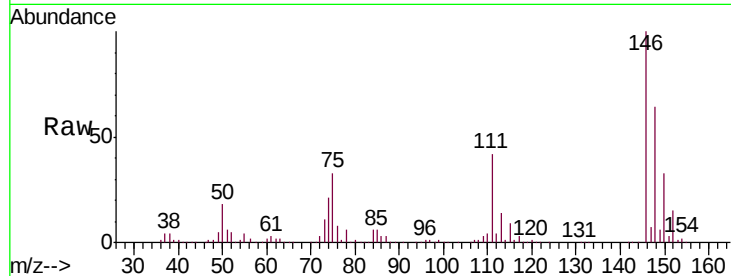




#65
 1,2-Dichlorobenzene
 Concen: 50.941 ug/L
 RT: 11.66 min Scan# 3288
 Delta R.T. 0.00 min
 Lab File: VV019422.D
 Acq: 23 Nov 2020 15:03

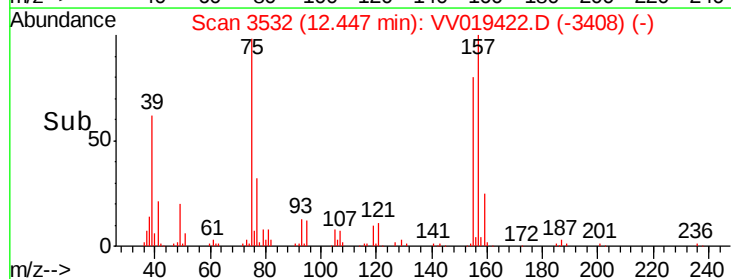
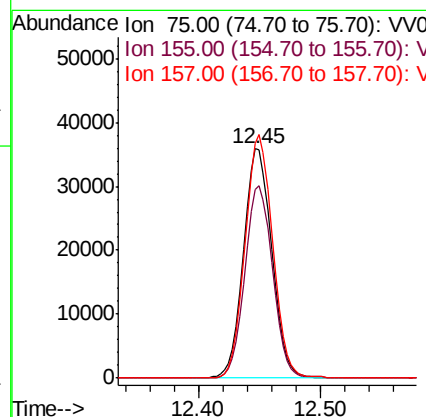
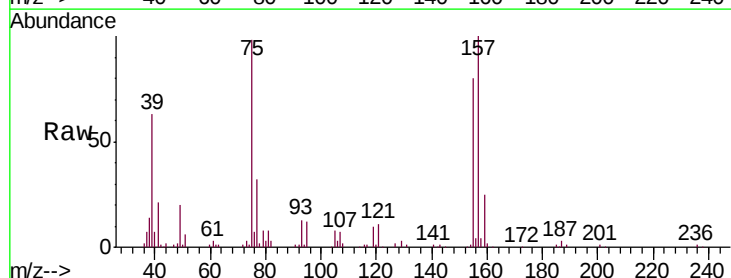
Instrument :
 MSVOA_V
 ClientSampleID :
 VICV63

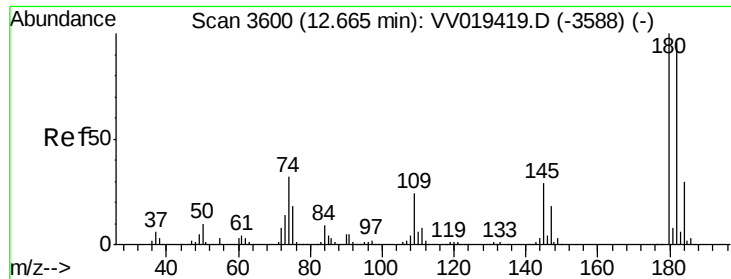
Tgt Ion: 146 Resp: 331262
 Ion Ratio Lower Upper
 146 100
 111 41.9 33.8 50.8
 148 63.8 49.8 74.8



#66
 1,2-Dibromo-3-chloropropane
 Concen: 50.968 ug/L
 RT: 12.45 min Scan# 3532
 Delta R.T. 0.00 min
 Lab File: VV019422.D
 Acq: 23 Nov 2020 15:03

Tgt Ion: 75 Resp: 57353
 Ion Ratio Lower Upper
 75 100
 155 82.0 64.5 96.7
 157 102.5 84.2 126.2

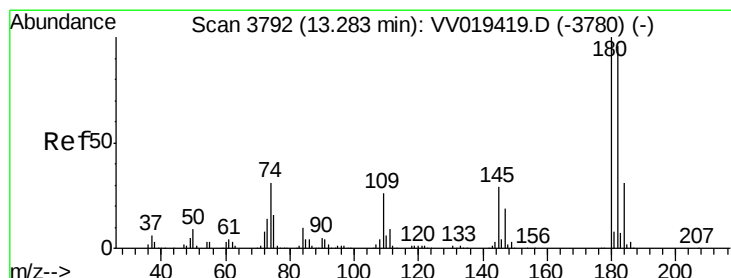
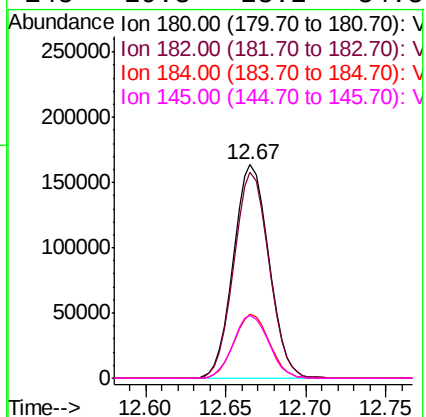
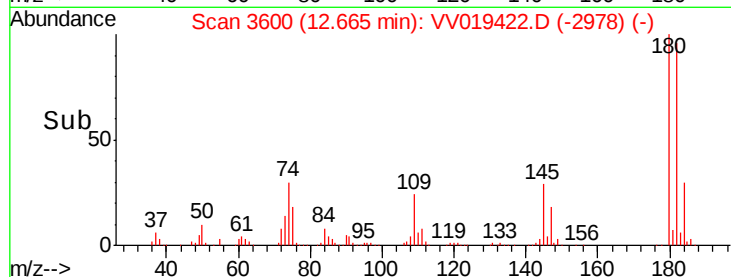
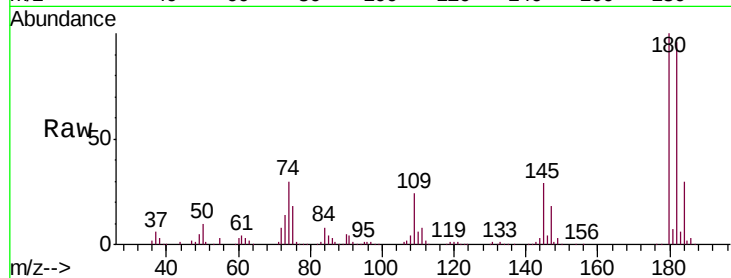




#67
 1,3,5-Trichlorobenzene
 Concen: 53.576 ug/L
 RT: 12.67 min Scan# 3600
 Delta R.T. 0.00 min
 Lab File: VV019422.D
 Acq: 23 Nov 2020 15:03

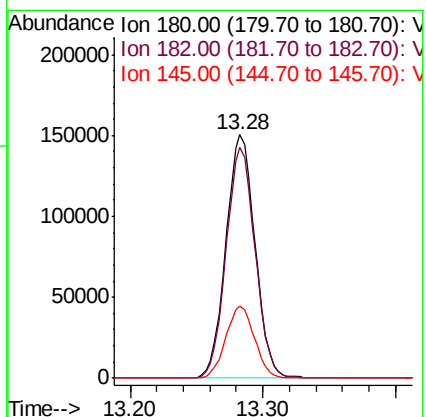
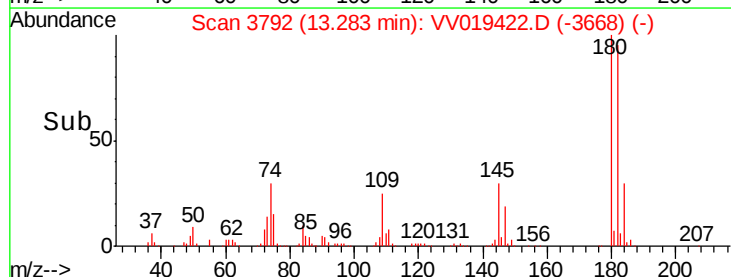
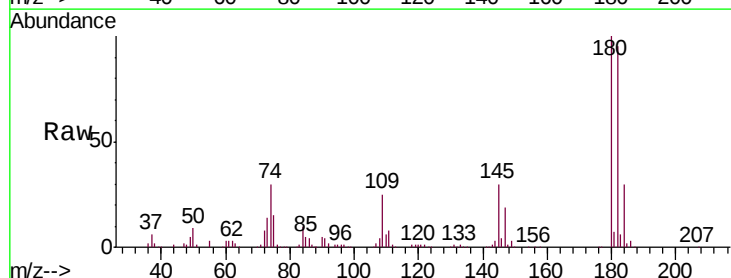
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV63

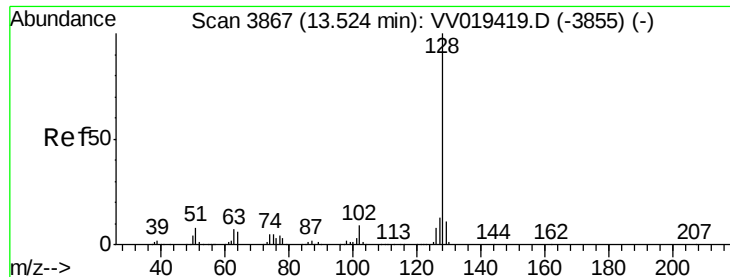
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.0	115.4
184	29.9	24.2	36.2
145	29.3	23.2	34.8



#68
 1,2,4-trichlorobenzene
 Concen: 56.153 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.00 min
 Lab File: VV019422.D
 Acq: 23 Nov 2020 15:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.3	114.5
145	29.2	23.4	35.2





#69

Naphthalene

Concen: 55.898 ug/L

RT: 13.52 min Scan# 3867

Delta R.T. 0.00 min

Lab File: VV019422.D

Acq: 23 Nov 2020 15:03

Instrument :

MSVOA_V

ClientSampleId :

VICV63

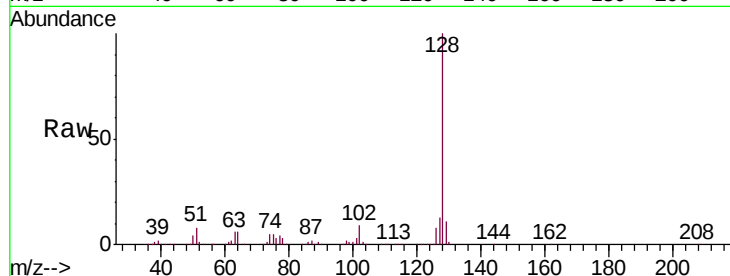
Tgt Ion:128 Resp: 580232

Ion Ratio Lower Upper

128 100

127 13.3 10.7 16.1

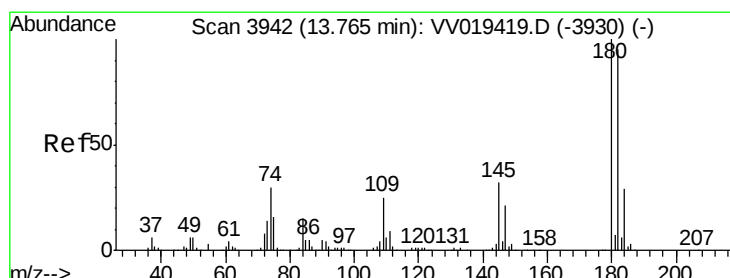
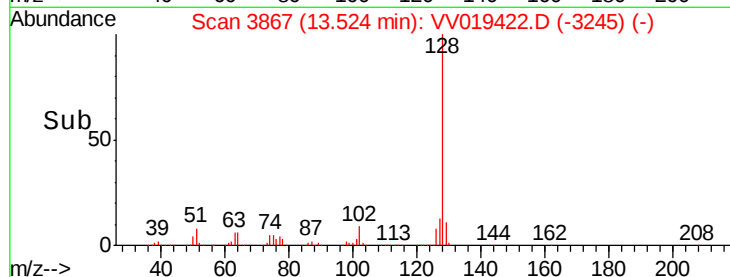
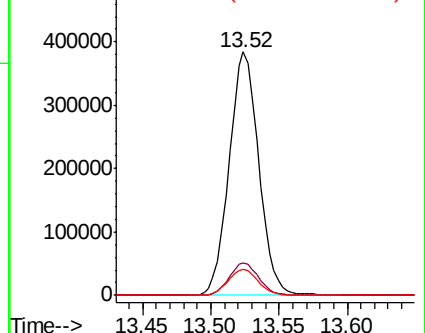
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 56.064 ug/L

RT: 13.77 min Scan# 3942

Delta R.T. 0.00 min

Lab File: VV019422.D

Acq: 23 Nov 2020 15:03

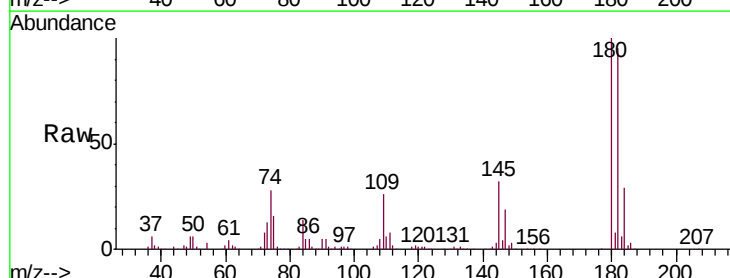
Tgt Ion:180 Resp: 239216

Ion Ratio Lower Upper

180 100

182 94.8 76.6 115.0

145 31.7 25.0 37.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

