

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090920\
 Data File : VV018166.D
 Acq On : 09 Sep 2020 12:41
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV63

Quant Time: Sep 10 03:38:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 10 03:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	318919	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	312490	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	172917	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	127634	49.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.22%
7) Chloroethane-d5	1.58	69	104264	49.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.06%
11) 1,1-Dichloroethene-d2	2.13	63	237650	49.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.70%
21) 2-Butanone-d5	3.91	46	159973	100.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.56%
24) Chloroform-d	4.37	84	222518	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.70%
26) 1,2-Dichloroethane-d4	5.05	65	141319	48.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.78%
32) Benzene-d6	5.07	84	446041	49.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.72%
36) 1,2-Dichloropropane-d6	6.09	67	139352	49.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.06%
41) Toluene-d8	7.33	98	411158	50.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.86%
43) trans-1,3-Dichloropropene-	7.64	79	72420	50.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.28%
47) 2-Hexanone-d5	8.11	63	115534	107.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.31%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	180053	50.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.94%
64) 1,2-Dichlorobenzene-d4	11.65	152	172658	48.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.24%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	121987	52.456	ug/L	100
3) Chloromethane	1.25	50	129620	51.045	ug/L	100
5) Vinyl chloride	1.32	62	133375	51.220	ug/L	100
6) Bromomethane	1.53	94	81711	51.339	ug/L	98
8) Chloroethane	1.60	64	82709	50.704	ug/L	99
9) Trichlorofluoromethane	1.77	101	185871	51.879	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	114910	53.395	ug/L	100
12) 1,1-Dichloroethene	2.13	96	109286	52.190	ug/L	92
13) Acetone	2.19	43	168214	132.050	ug/L	98
14) Carbon disulfide	2.31	76	332723	51.927	ug/L	99
15) Methyl Acetate	2.45	43	115449	50.430	ug/L	99
16) Methylene chloride	2.52	84	117441	50.008	ug/L	100
17) trans-1,2-Dichloroethene	2.78	96	111386	51.615	ug/L	97
18) Methyl tert-butyl Ether	2.78	73	344564	51.615	ug/L	99
19) 1,1-Dichloroethane	3.21	63	207403	50.831	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	119283	51.707	ug/L	99
22) 2-Butanone	3.99	43	184841	122.538	ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090920\
 Data File : VV018166.D
 Acq On : 09 Sep 2020 12:41
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV63

Quant Time: Sep 10 03:38:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 10 03:30:11 2020
 Response via : Initial Calibration

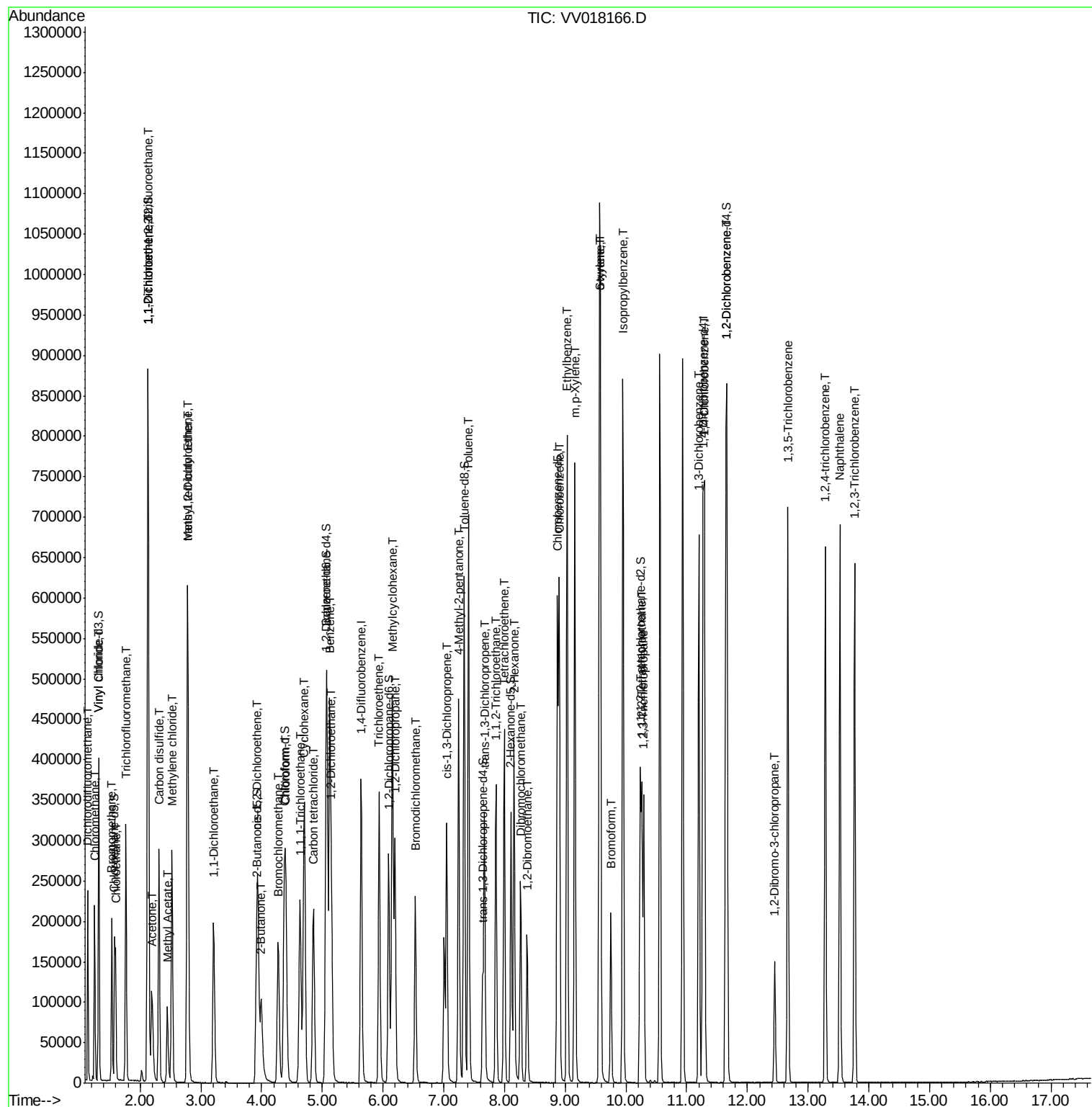
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	62092	51.444	ug/L	96
25) Chloroform	4.40	83	208081	50.170	ug/L	98
27) 1,2-Dichloroethane	5.15	62	165461	51.532	ug/L	99
29) Cyclohexane	4.70	56	196430	54.436	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	186619	51.459	ug/L	99
31) Carbon tetrachloride	4.85	117	163837	51.378	ug/L	99
33) Benzene	5.12	78	460653	51.559	ug/L	100
34) Trichloroethene	5.94	95	122927	50.507	ug/L	99
35) Methylcyclohexane	6.15	83	200722	54.774	ug/L	100
37) 1,2-Dichloropropane	6.20	63	122125	51.583	ug/L	99
38) Bromodichloromethane	6.53	83	158396	51.411	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	189518	51.954	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	306563	106.735	ug/L	99
42) Toluene	7.41	91	496087	52.468	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	187544	52.804	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	112593	51.309	ug/L	97
46) Tetrachloroethene	8.00	164	101375	53.123	ug/L	99
48) 2-Hexanone	8.16	43	259673	114.677	ug/L	99
49) Dibromochloromethane	8.27	129	125752	51.053	ug/L	99
50) 1,2-Dibromoethane	8.37	107	120374	52.121	ug/L	100
51) Chlorobenzene	8.90	112	318695	51.901	ug/L	99
52) Ethylbenzene	9.03	91	551870	53.462	ug/L	100
53) m,p-Xylene	9.16	106	212207	55.076	ug/L	97
54) o-xylene	9.56	106	200422	53.994	ug/L	100
55) Styrene	9.58	104	354052	54.877	ug/L	99
56) Isopropylbenzene	9.95	105	549195	54.898	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	170184	52.428	ug/L	98
59) 1,2,3-Trichloropropane	10.29	75	143277	51.453	ug/L	100
61) Bromoform	9.75	173	94047	50.628	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	268708	52.259	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	276112	52.244	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	263939	50.785	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	37260	50.804	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	220474	54.390	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	201321	55.772	ug/L	98
69) Naphthalene	13.52	128	513064	56.173	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	194895	54.818	ug/L	100

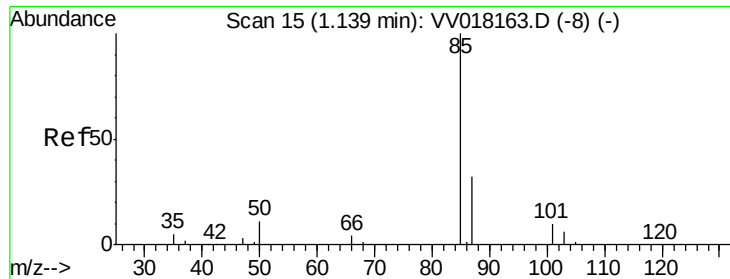
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV090920\
Data File : VV018166.D
Acq On : 09 Sep 2020 12:41
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
VICV63

Quant Time: Sep 10 03:38:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 10 03:30:11 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 52.456 ug/L

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

Lab File: VV018166.D

Acq: 09 Sep 2020 12:41

Instrument :

MSVOA_V

ClientSampleId :

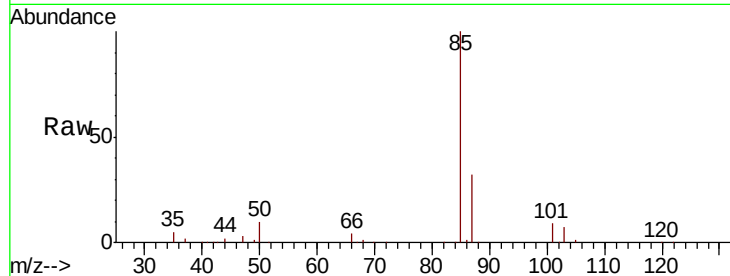
VICV63

Tot Ion: 85 Resp: 121987

Ion Ratio Lower Upper

85 100

87 32.3 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VV018166.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VV018166.D (-1) (-)

1.14

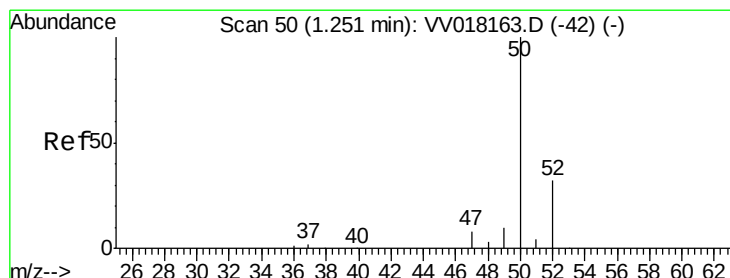
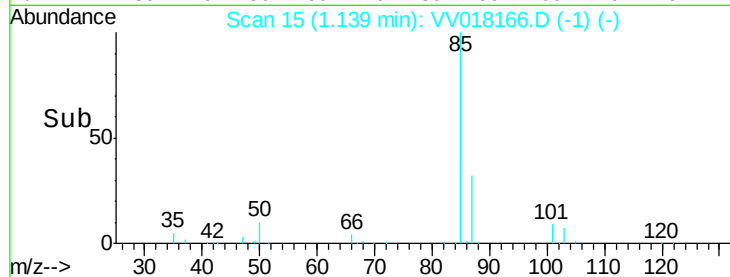
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 51.045 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV018166.D

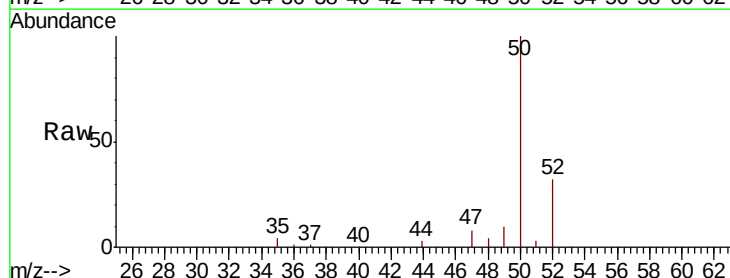
Acq: 09 Sep 2020 12:41

Tgt Ion: 50 Resp: 129620

Ion Ratio Lower Upper

50 100

52 32.4 22.7 42.3



Abundance Ion 50.00 (49.70 to 50.70): VV018166.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VV018166.D (-1) (-)

1.25

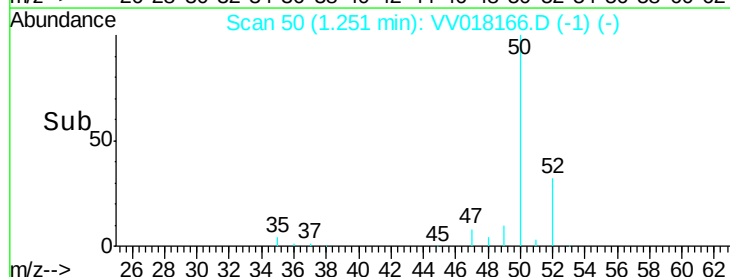
150000

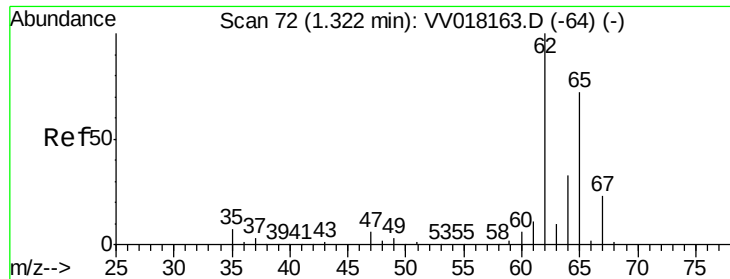
100000

50000

0

Time-->





#5

Vinyl chloride

Concen: 51.220 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV018166.D

Acq: 09 Sep 2020 12:41

Instrument :

MSVOA_V

ClientSampleId :

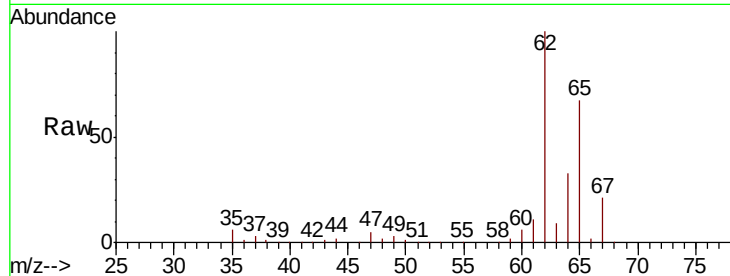
VICV63

Tot Ion: 62 Resp: 133375

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

1.32

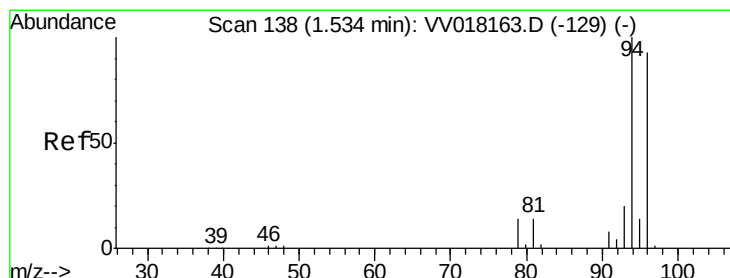
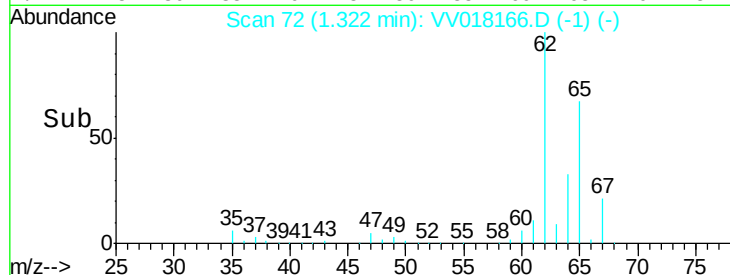
150000

100000

50000

0

Time-->



#6

Bromomethane

Concen: 51.339 ug/L

RT: 1.53 min Scan# 138

Delta R.T. -0.00 min

Lab File: VV018166.D

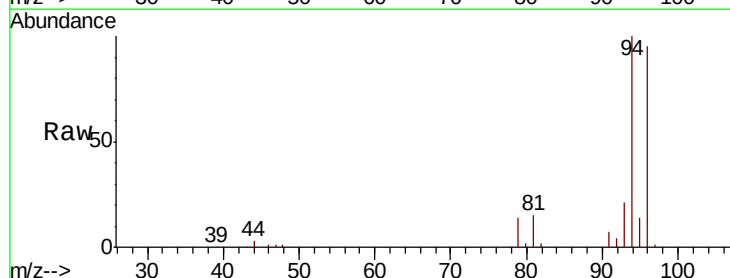
Acq: 09 Sep 2020 12:41

Tgt Ion: 94 Resp: 81711

Ion Ratio Lower Upper

94 100

96 94.5 65.1 120.9



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

1.53

80000

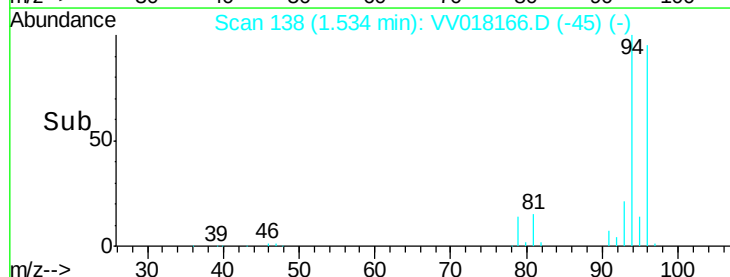
60000

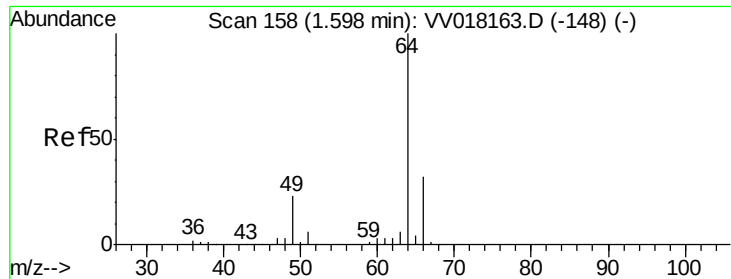
40000

20000

0

Time-->

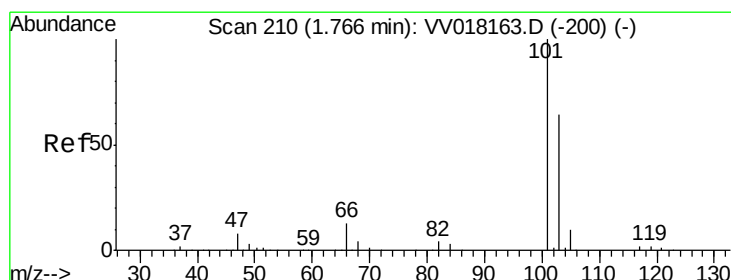
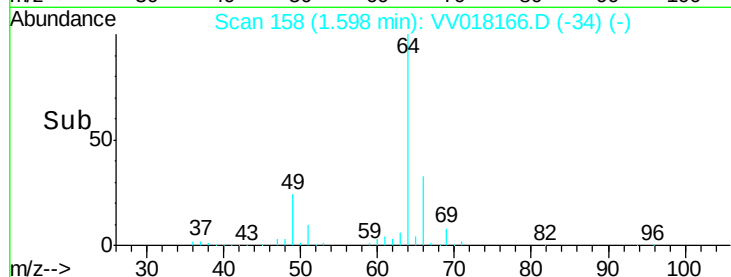
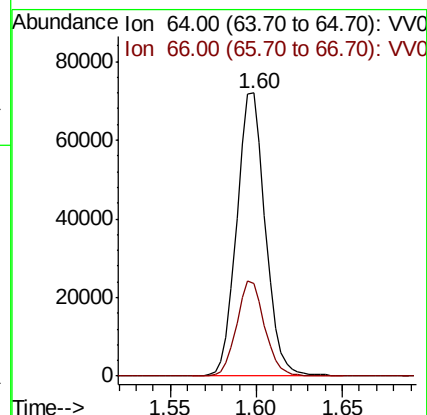
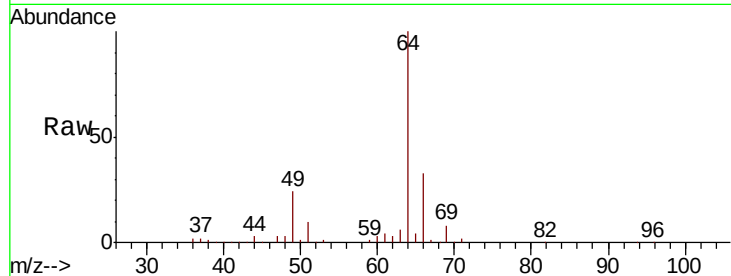




#8
Chloroethane
Concen: 50.704 ug/L
RT: 1.60 min Scan# 158
Delta R.T. -0.00 min
Lab File: VV018166.D
Acq: 09 Sep 2020 12:41

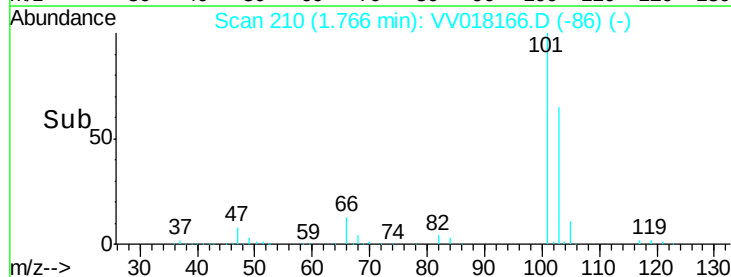
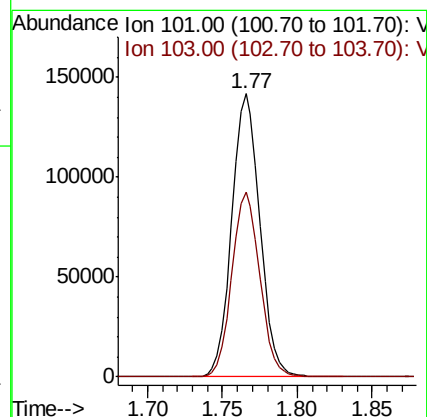
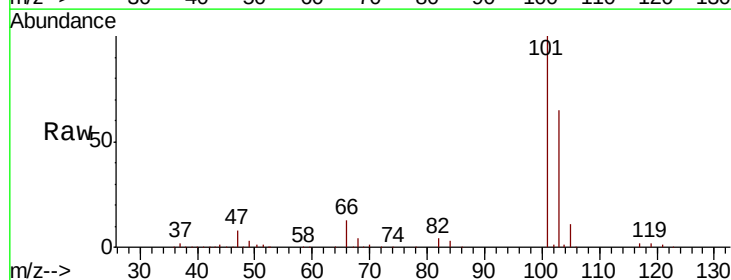
Instrument :
MSVOA_V
ClientSampleId :
VICV63

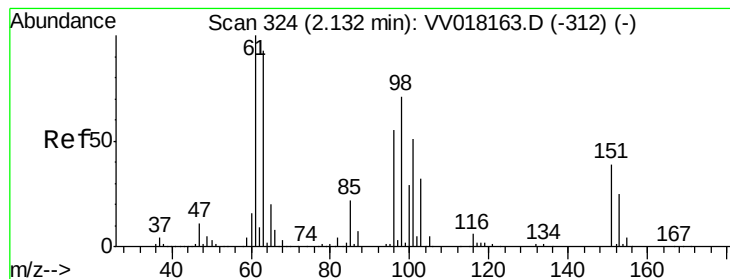
Tot Ion: 64 Resp: 82709
Ion Ratio Lower Upper
64 100
66 32.9 22.5 41.7



#9
Trichlorofluoromethane
Concen: 51.879 ug/L
RT: 1.77 min Scan# 210
Delta R.T. -0.00 min
Lab File: VV018166.D
Acq: 09 Sep 2020 12:41

Tgt Ion: 101 Resp: 185871
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.6





#10

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

Concen: 53.395 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV018166.D

Acq: 09 Sep 2020 12:41

Instrument :

MSVOA_V

ClientSampleId :

VICV63

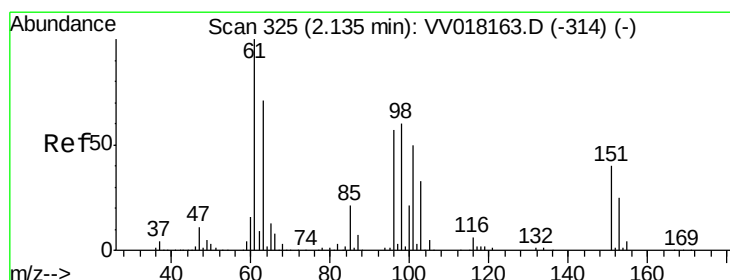
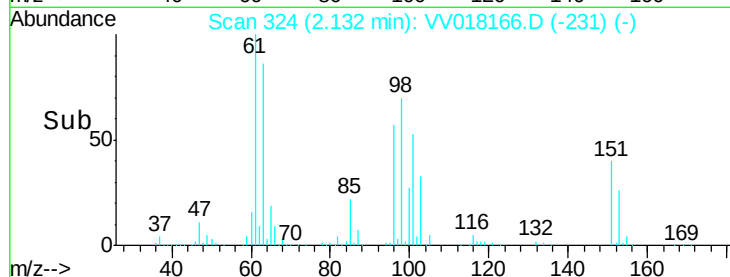
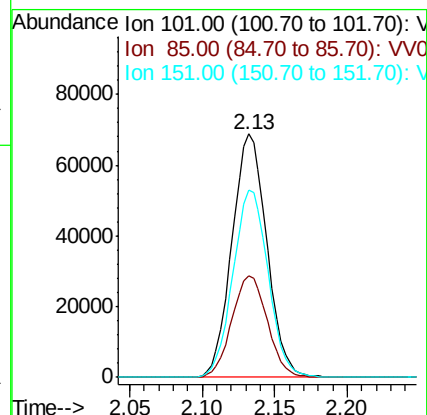
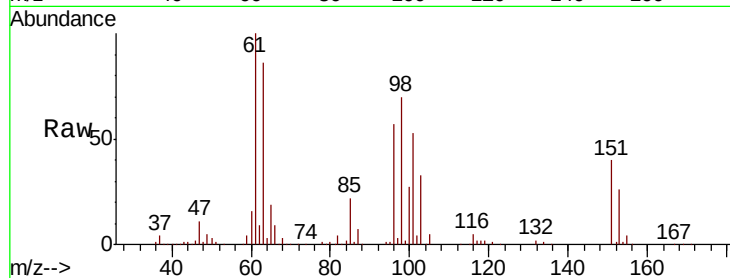
Tot Ion:101 Resp: 114910

Ion Ratio Lower Upper

101 100

85 42.4 33.5 50.3

151 77.7 62.2 93.2



#12

1,1-Dichloroethene

Concen: 52.190 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV018166.D

Acq: 09 Sep 2020 12:41

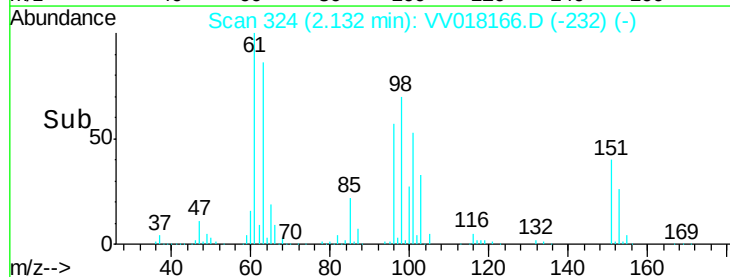
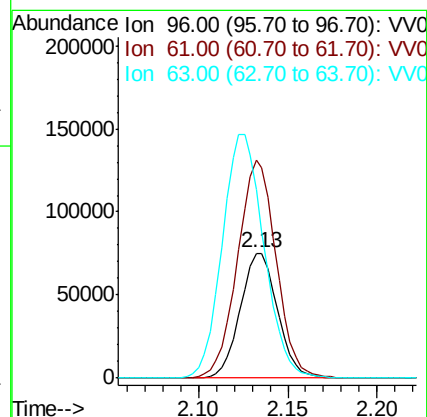
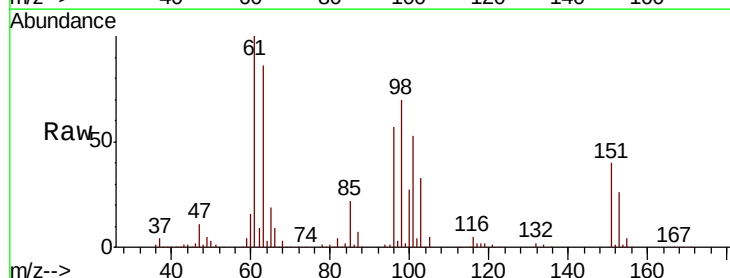
Tgt Ion: 96 Resp: 109286

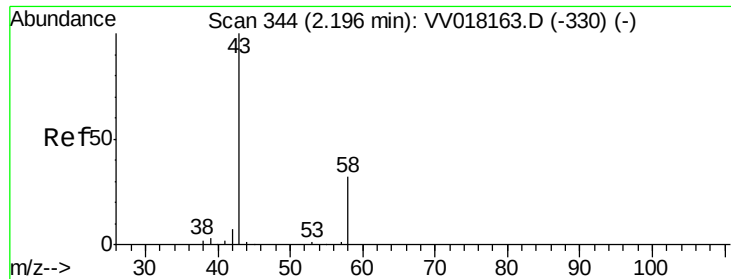
Ion Ratio Lower Upper

96 100

61 174.1 122.9 228.3

63 150.3 91.9 170.7





#13

Acetone

Concen: 132.050 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV018166.D

Acq: 09 Sep 2020 12:41

Instrument :

MSVOA_V

ClientSampleId :

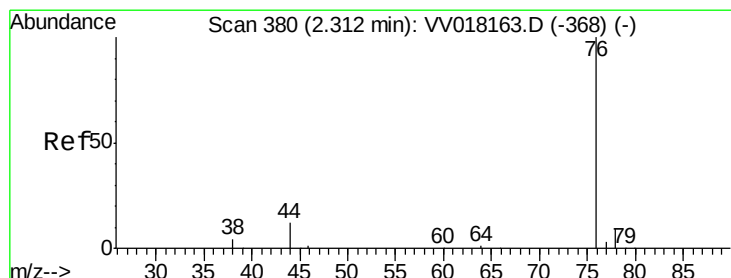
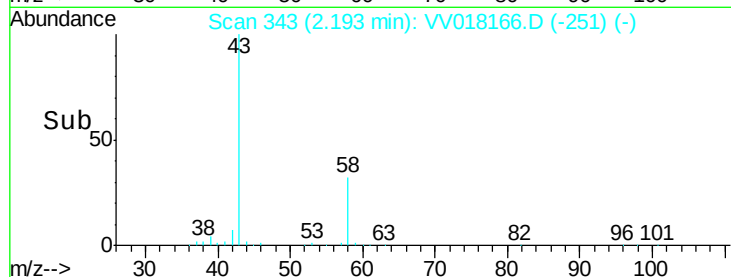
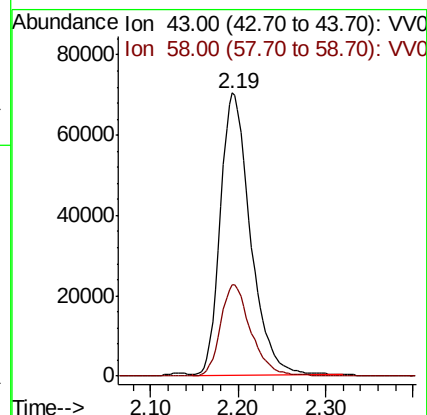
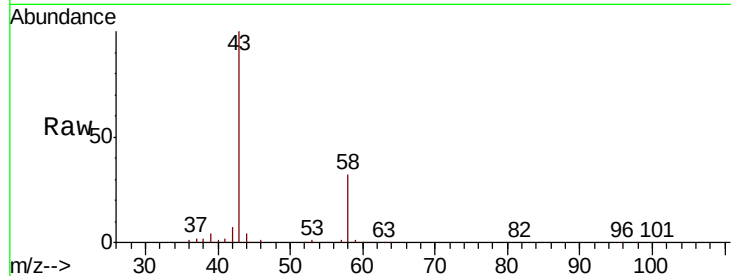
VICV63

Tot Ion: 43 Resp: 168214

Ion Ratio Lower Upper

43 100

58 32.4 0.0 67.4



#14

Carbon disulfide

Concen: 51.927 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VV018166.D

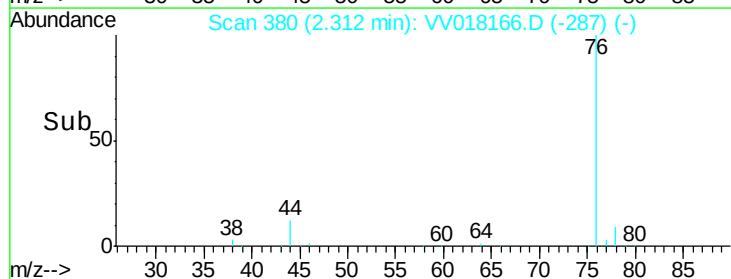
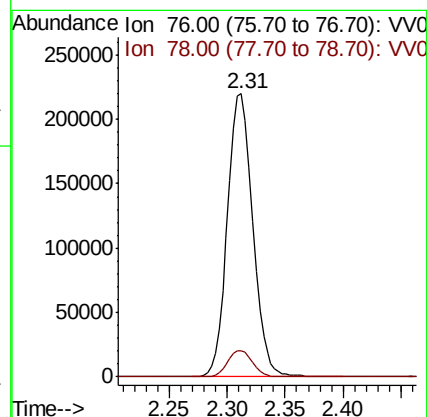
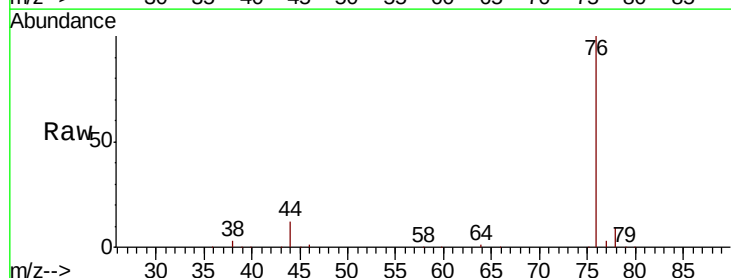
Acq: 09 Sep 2020 12:41

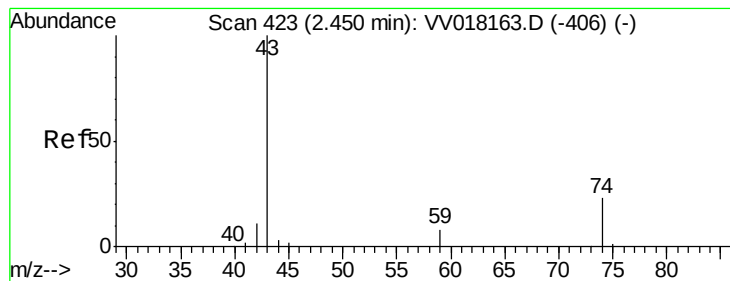
Tgt Ion: 76 Resp: 332723

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9





#15

Methvl Acetate

Concen: 50.430 ug/L

RT: 2.45 min Scan# 422

Delta R.T. -0.00 min

Lab File: VV018166.D

Acq: 09 Sep 2020 12:41

Instrument :

MSVOA_V

ClientSampleId :

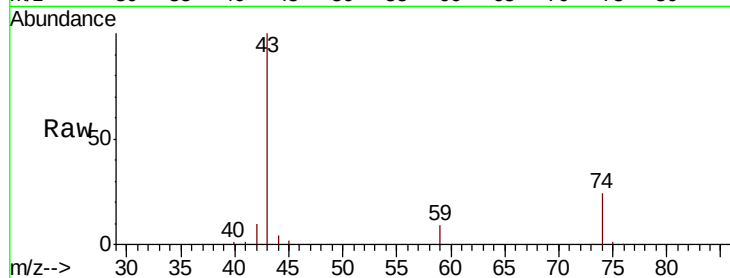
VICV63

Tot Ion: 43 Resp: 115449

Ion Ratio Lower Upper

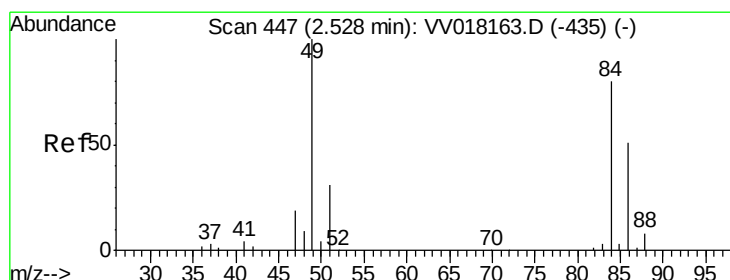
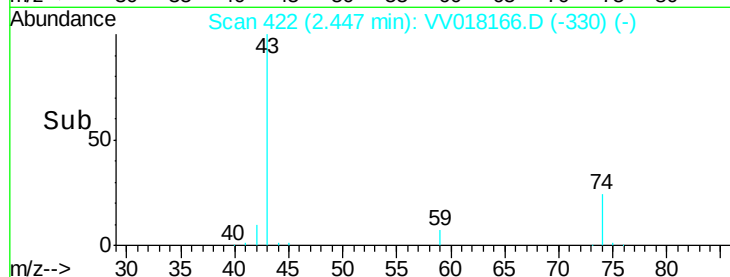
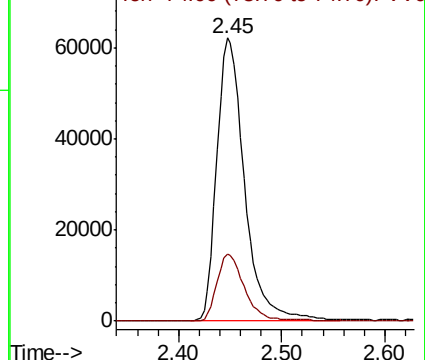
43 100

74 23.4 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0



#16

Methylene chloride

Concen: 50.008 ug/L

RT: 2.52 min Scan# 446

Delta R.T. -0.00 min

Lab File: VV018166.D

Acq: 09 Sep 2020 12:41

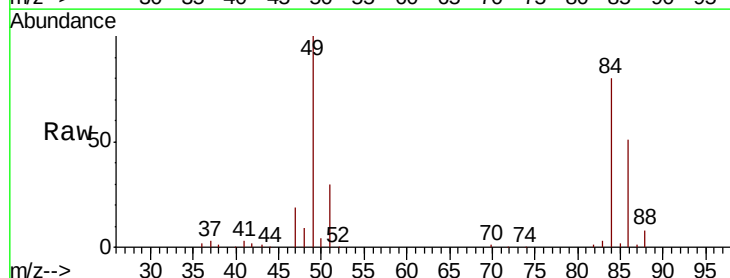
Tgt Ion: 84 Resp: 117441

Ion Ratio Lower Upper

84 100

86 63.8 44.4 82.4

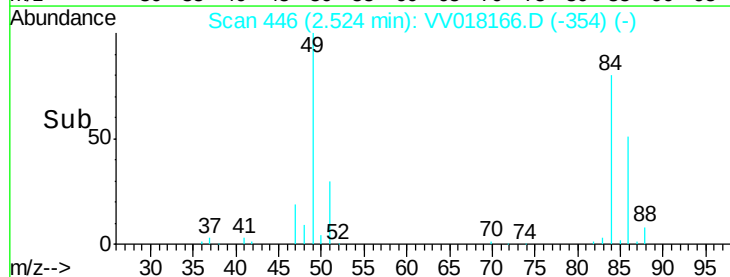
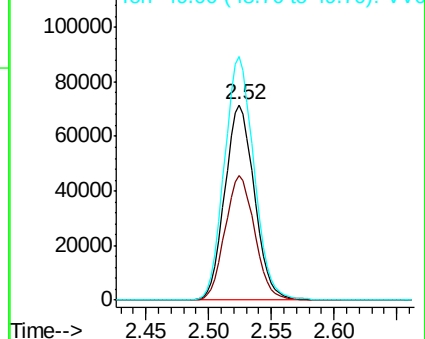
49 124.5 87.2 162.0

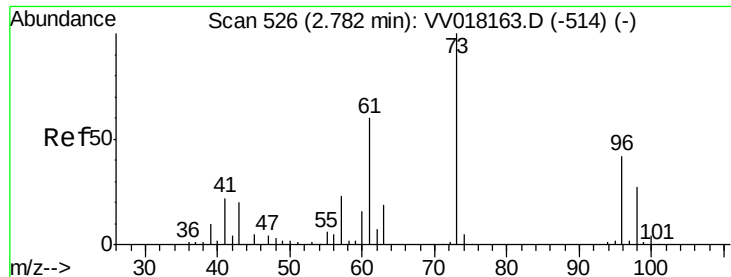


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

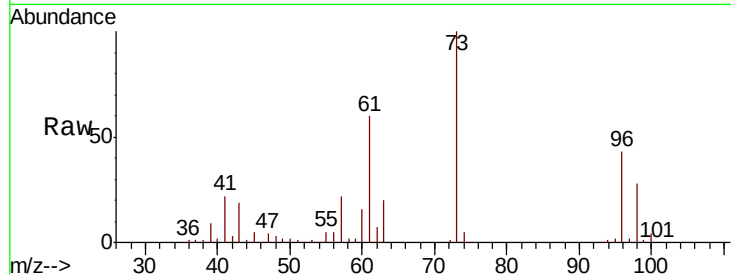




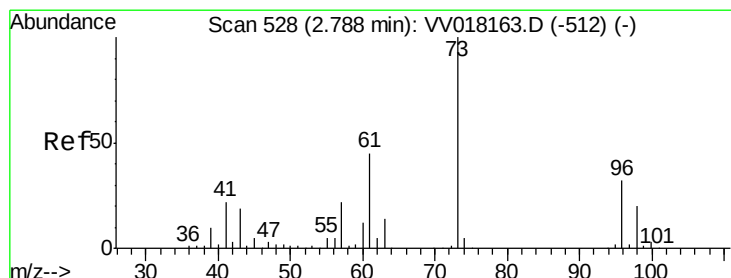
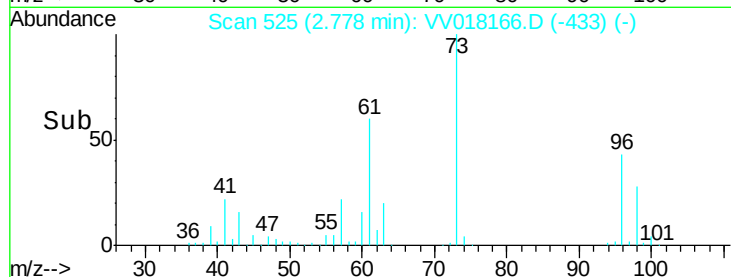
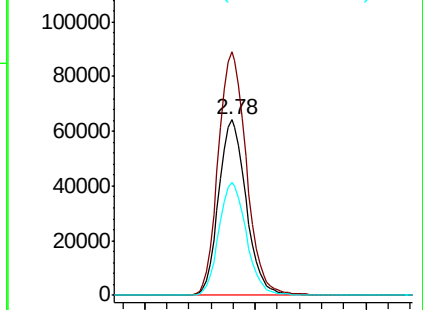
#17
trans-1,2-Dichloroethene
Concen: 51.615 ug/L
RT: 2.78 min Scan# 525
Delta R.T. -0.00 min
Lab File: VV018166.D
Acq: 09 Sep 2020 12:41

Instrument :
MSVOA_V
ClientSampleId :
VICV63

Tot Ion: 96 Resp: 111386
Ion Ratio Lower Upper
96 100
61 138.9 100.7 186.9
98 64.6 45.2 84.0

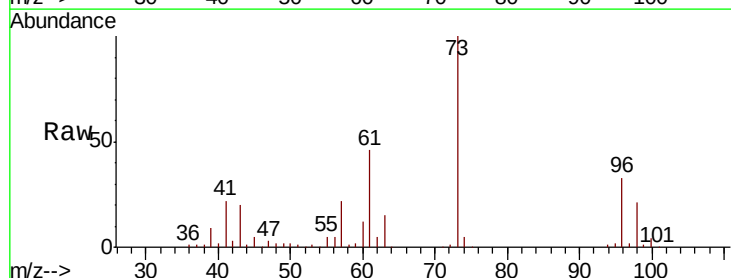


Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

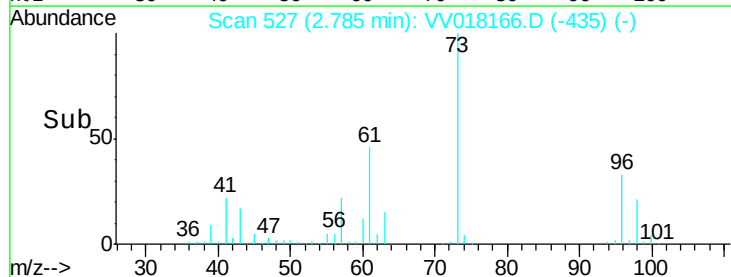
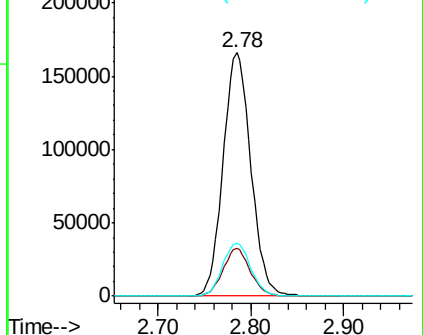


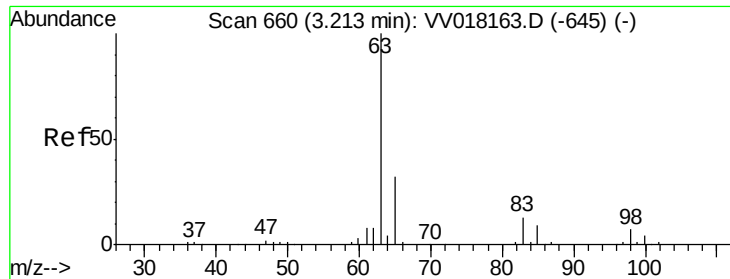
#18
Methyl tert-butyl Ether
Concen: 51.615 ug/L
RT: 2.78 min Scan# 527
Delta R.T. -0.00 min
Lab File: VV018166.D
Acq: 09 Sep 2020 12:41

Tgt Ion: 73 Resp: 344564
Ion Ratio Lower Upper
73 100
43 19.0 15.4 23.0
57 22.2 18.0 27.0



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

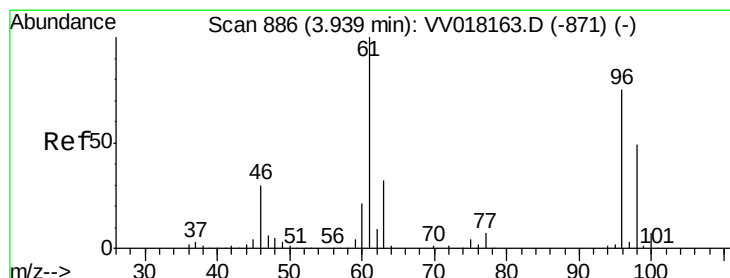
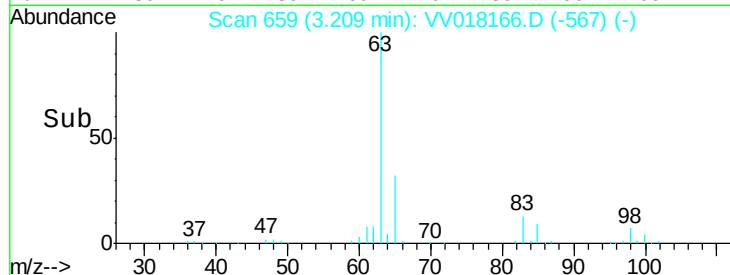
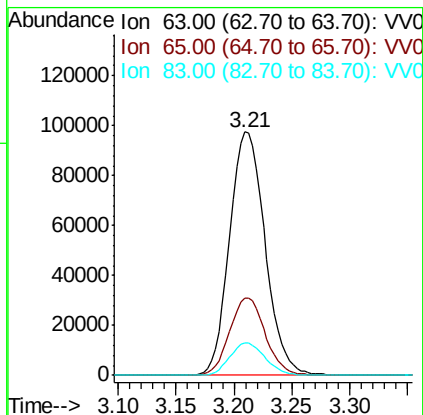
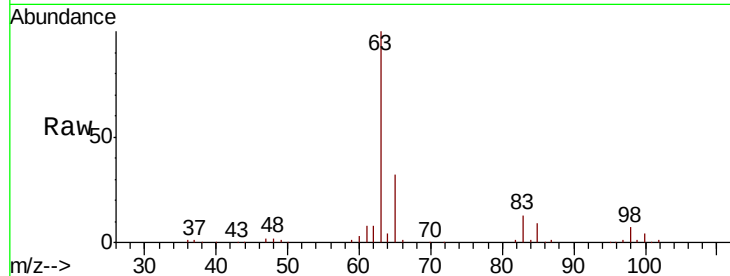




#19
 1,1-Dichloroethane
 Concen: 50.831 ug/L
 RT: 3.21 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VV018166.D
 Acq: 09 Sep 2020 12:41

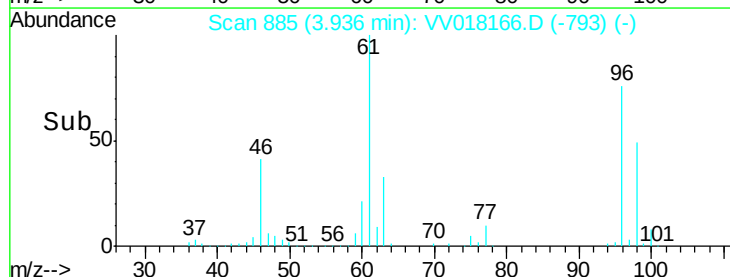
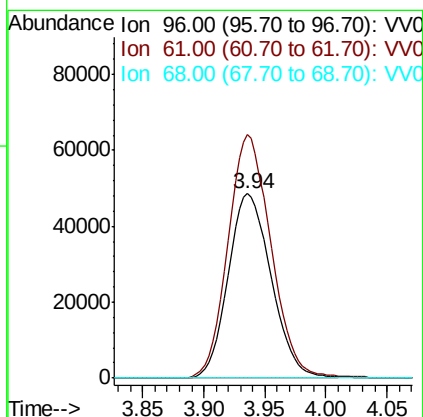
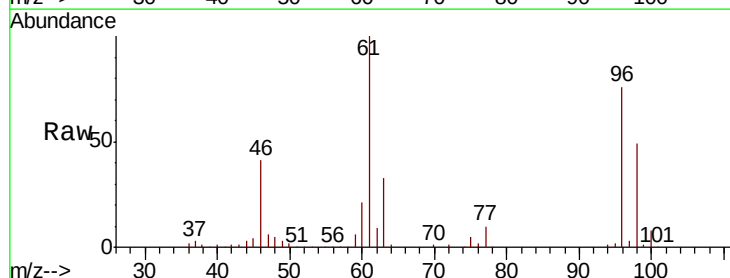
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV63

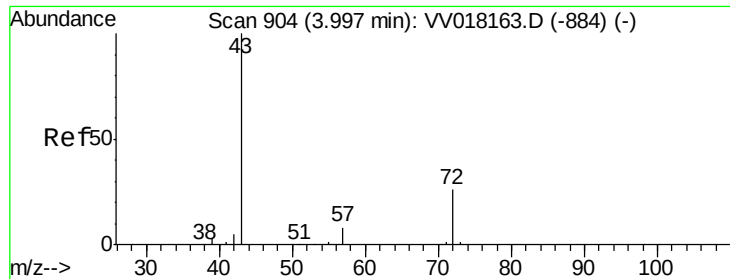
Tot Ion: 63 Resp: 207403
 Ion Ratio Lower Upper
 63 100
 65 31.7 22.5 41.7
 83 13.5 9.3 17.3



#20
 cis-1,2-Dichloroethene
 Concen: 51.707 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: VV018166.D
 Acq: 09 Sep 2020 12:41

Tgt Ion: 96 Resp: 119283
 Ion Ratio Lower Upper
 96 100
 61 132.2 93.6 173.8
 68 0.0 0.0 0.0





#22

2-Butanone

Concen: 122.538 ug/L

RT: 3.99 min Scan# 903

Delta R.T. -0.00 min

Lab File: VV018166.D

Acq: 09 Sep 2020 12:41

Instrument :

MSVOA_V

ClientSampleId :

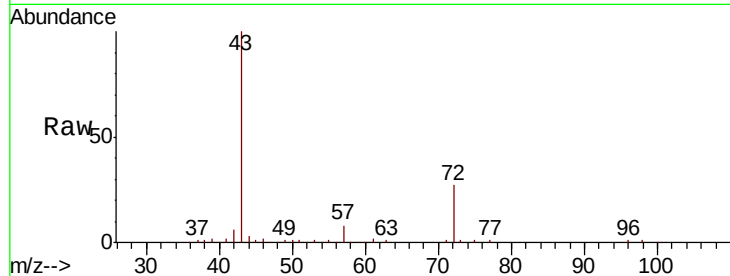
VICV63

Tot Ion: 43 Resp: 184841

Ion Ratio Lower Upper

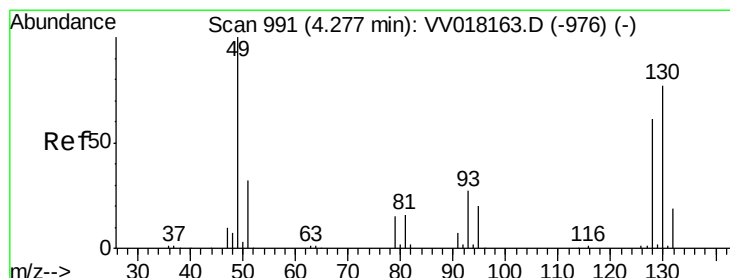
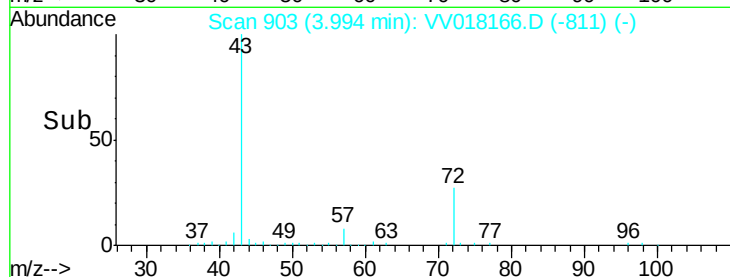
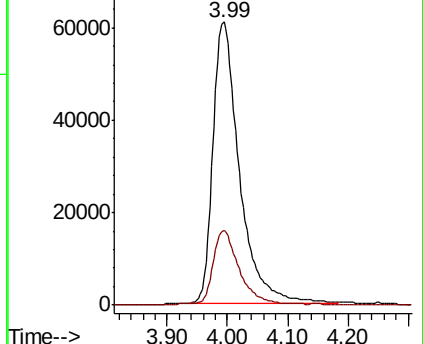
43 100

72 25.7 13.1 39.3



Abundance Ion 43.00 (42.70 to 43.70): VV018166.D (-811) (-)

Ion 72.00 (71.70 to 72.70): VV018166.D (-811) (-)



#23

Bromochloromethane

Concen: 51.444 ug/L

RT: 4.27 min Scan# 990

Delta R.T. -0.00 min

Lab File: VV018166.D

Acq: 09 Sep 2020 12:41

Tgt Ion: 128 Resp: 62092

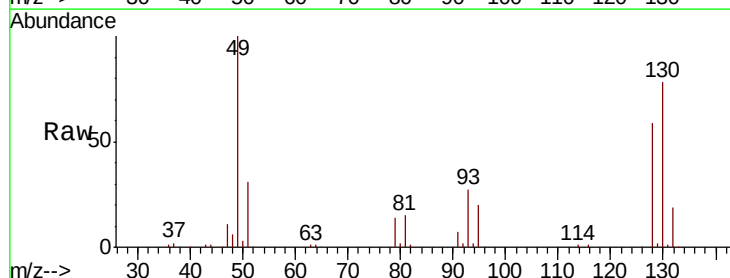
Ion Ratio Lower Upper

128 100

49 168.4 114.4 212.6

130 131.4 87.9 163.3

51 53.0 41.8 62.8

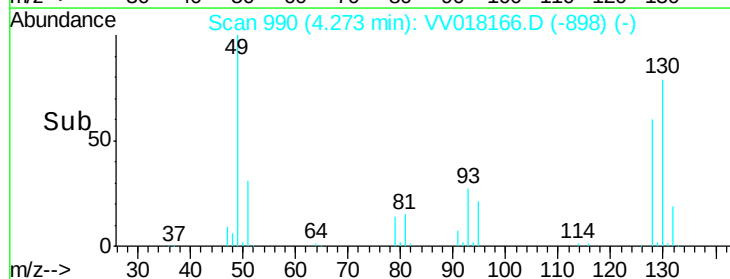
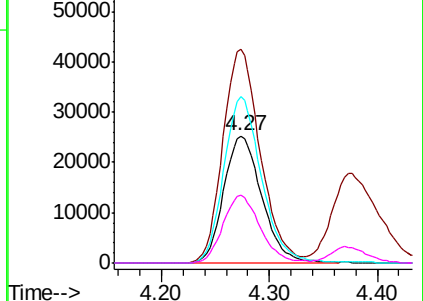


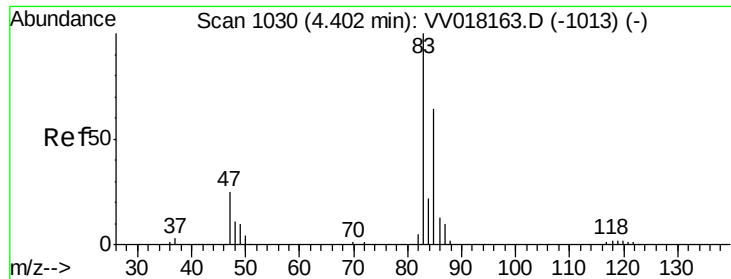
Abundance Ion 128.00 (127.70 to 128.70): VV018166.D (-898) (-)

Ion 49.00 (48.70 to 49.70): VV018166.D (-898) (-)

Ion 130.00 (129.70 to 130.70): VV018166.D (-898) (-)

Ion 51.00 (50.70 to 51.70): VV018166.D (-898) (-)

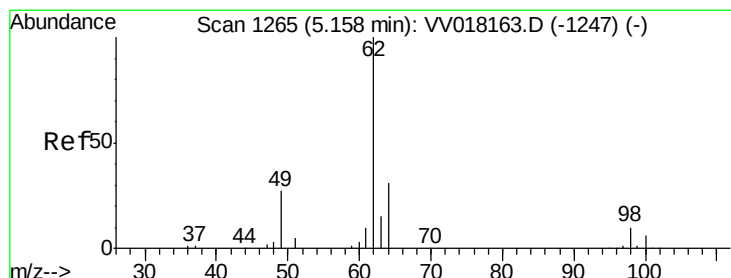
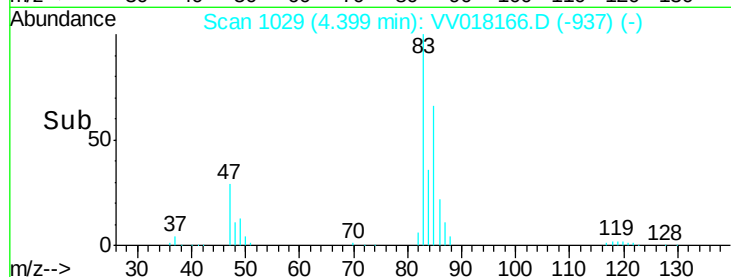
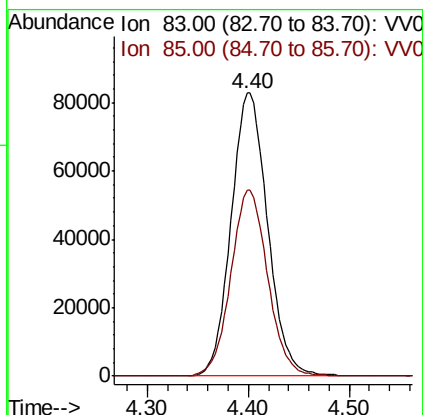
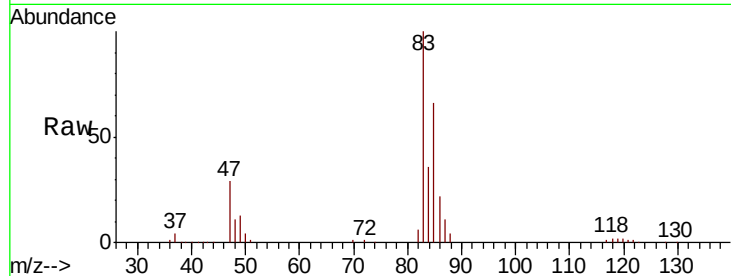




#25
Chloroform
Concen: 50.170 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VV018166.D
Acq: 09 Sep 2020 12:41

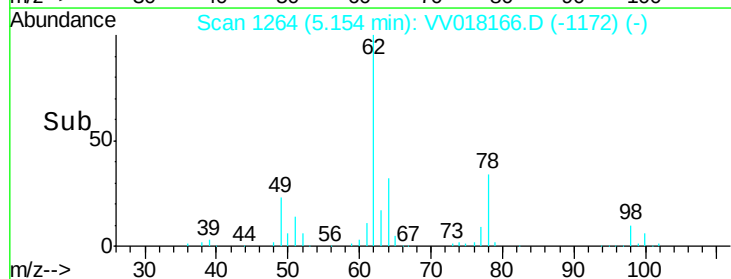
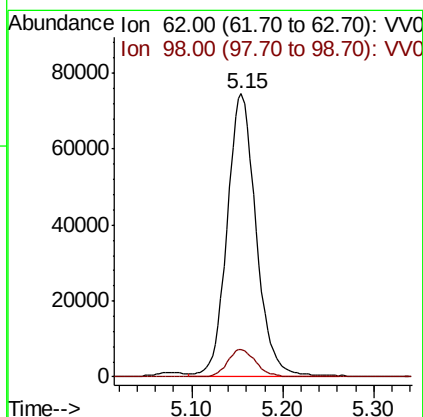
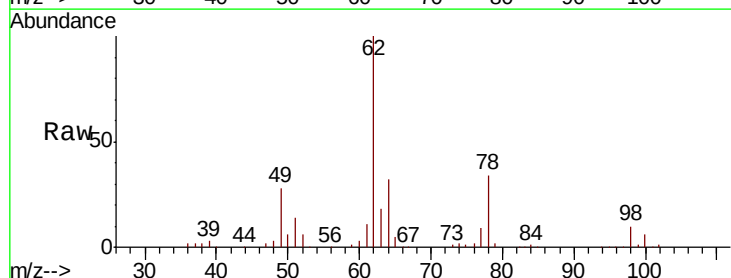
Instrument :
MSVOA_V
ClientSampleId :
VICV63

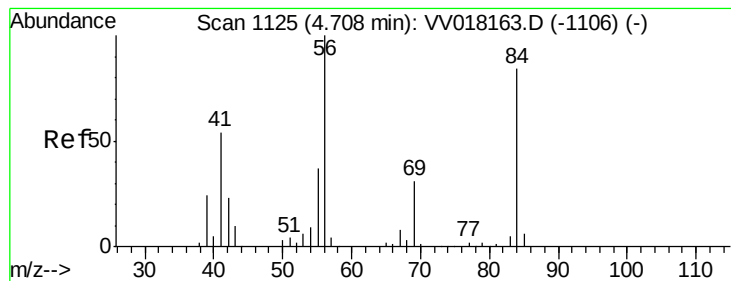
Tot Ion: 83 Resp: 208081
Ion Ratio Lower Upper
83 100
85 65.8 45.0 83.6



#27
1,2-Dichloroethane
Concen: 51.532 ug/L
RT: 5.15 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VV018166.D
Acq: 09 Sep 2020 12:41

Tgt Ion: 62 Resp: 165461
Ion Ratio Lower Upper
62 100
98 9.7 7.6 11.4





#29

Cyclohexane

Concen: 54.436 ug/L

RT: 4.70 min Scan# 1124

Delta R.T. -0.00 min

Lab File: VV018166.D

Acq: 09 Sep 2020 12:41

Instrument :

MSVOA_V

ClientSampled :

VICV63

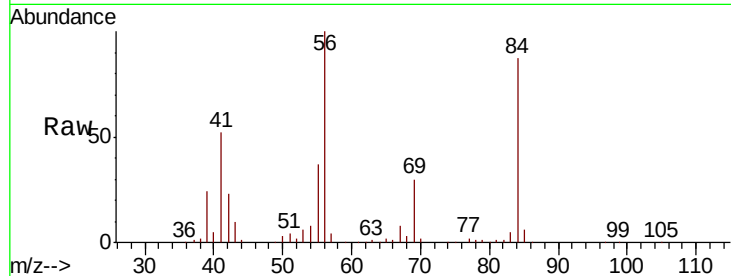
Tot Ion: 56 Resp: 196430

Ion Ratio Lower Upper

56 100

69 30.3 24.2 36.2

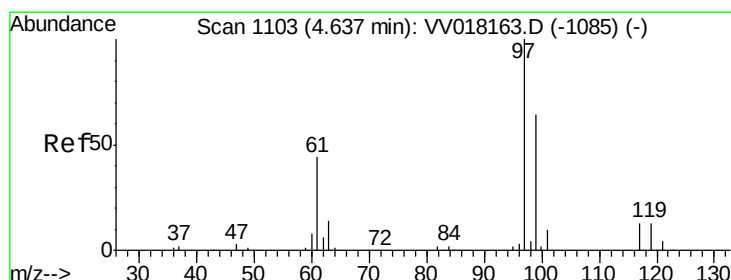
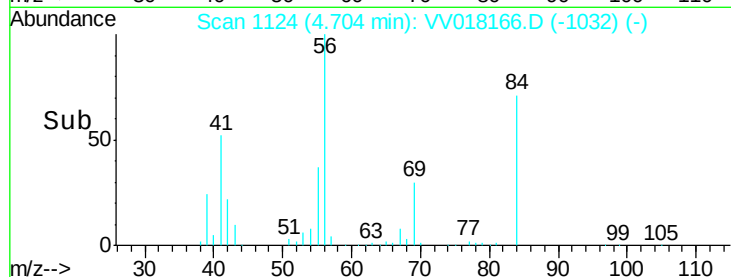
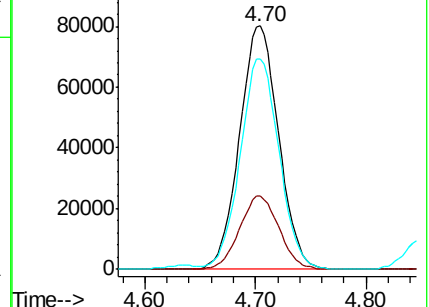
84 86.3 68.3 102.5



Abundance Ion 56.00 (55.70 to 56.70): VV0

Ion 69.00 (68.70 to 69.70): VV0

Ion 84.00 (83.70 to 84.70): VV0



#30

1,1,1-Trichloroethane

Concen: 51.459 ug/L

RT: 4.63 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VV018166.D

Acq: 09 Sep 2020 12:41

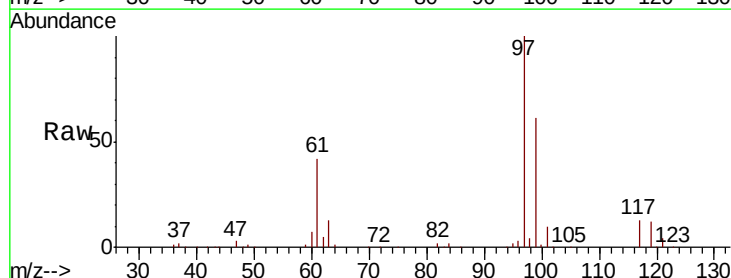
Tgt Ion: 97 Resp: 186619

Ion Ratio Lower Upper

97 100

99 63.6 51.6 77.4

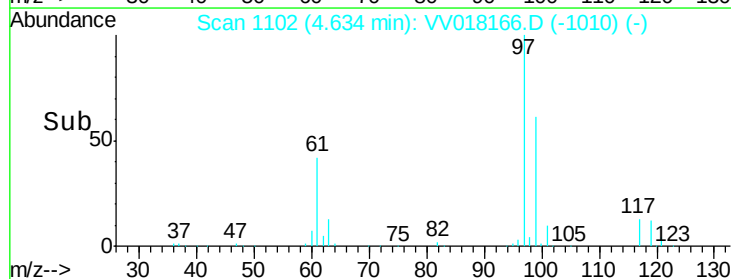
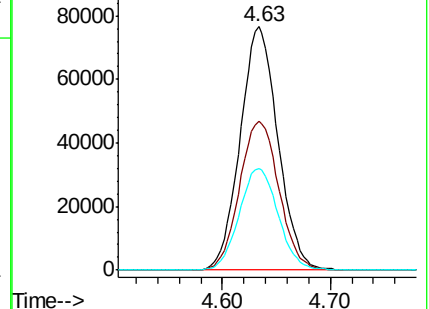
61 43.3 34.9 52.3

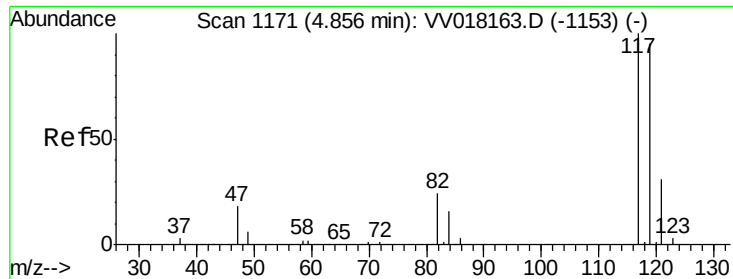


Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 61.05 (60.75 to 61.75): VV0





#31

Carbon tetrachloride

Concen: 51.378 ug/L

RT: 4.85 min Scan# 1170

Delta R.T. -0.00 min

Lab File: VV018166.D

Acq: 09 Sep 2020 12:41

Instrument :

MSVOA_V

ClientSampleId :

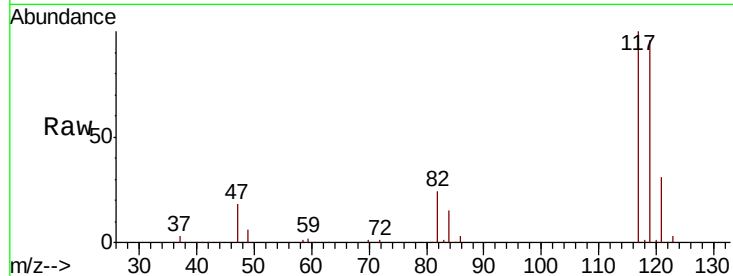
VICV63

Tot Ion:117 Resp: 163837

Ion Ratio Lower Upper

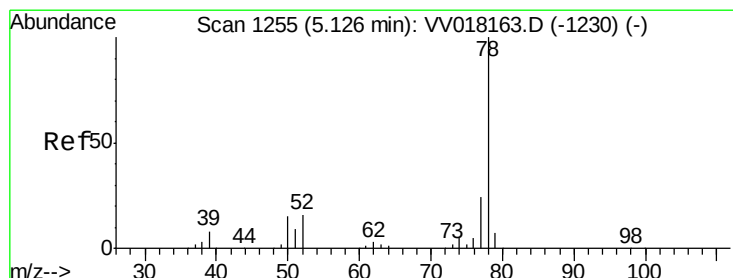
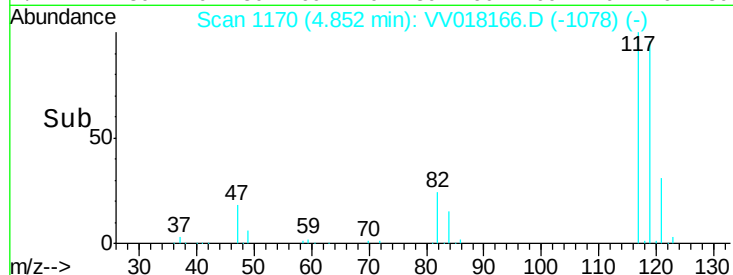
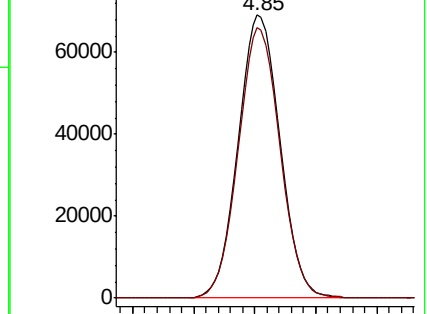
117 100

119 95.8 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 51.559 ug/L

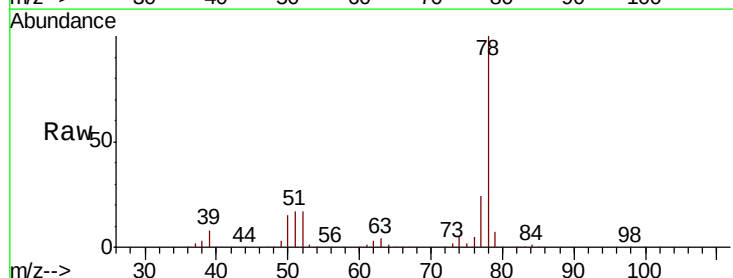
RT: 5.12 min Scan# 1254

Delta R.T. -0.00 min

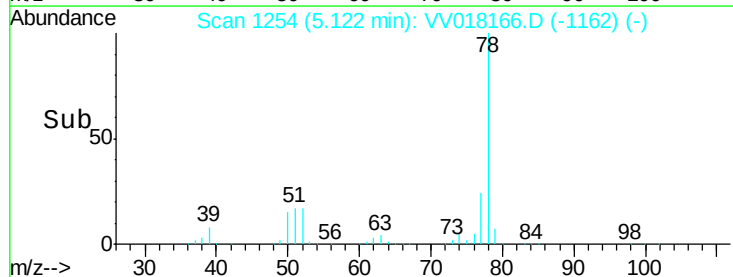
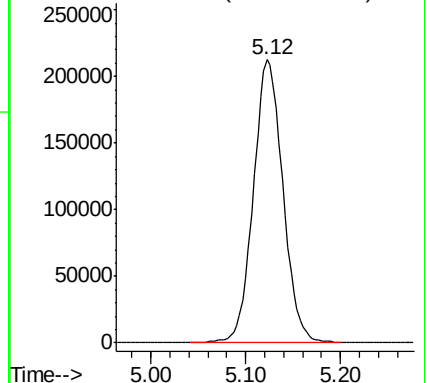
Lab File: VV018166.D

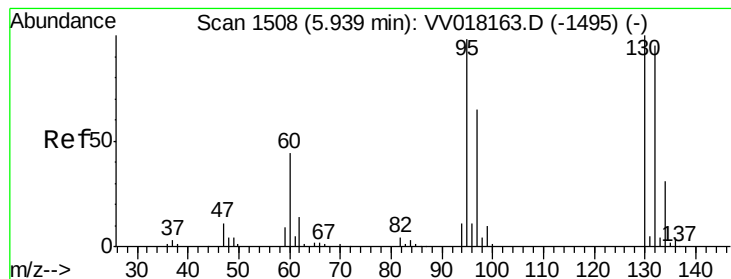
Acq: 09 Sep 2020 12:41

Tgt Ion: 78 Resp: 460653



Abundance Ion 78.00 (77.70 to 78.70): VV0





#34

Trichloroethene

Concen: 50.507 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV018166.D

Acq: 09 Sep 2020 12:41

Instrument :

MSVOA_V

ClientSampleId :

VICV63

Tot Ion: 95 Resp: 122927

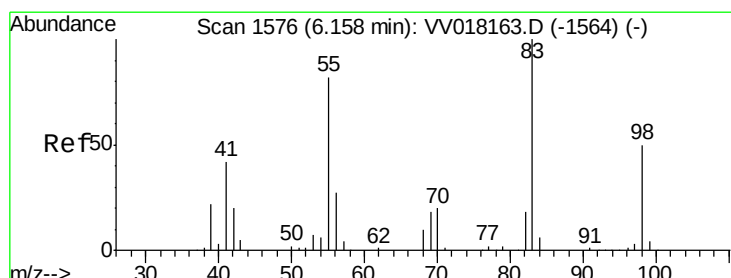
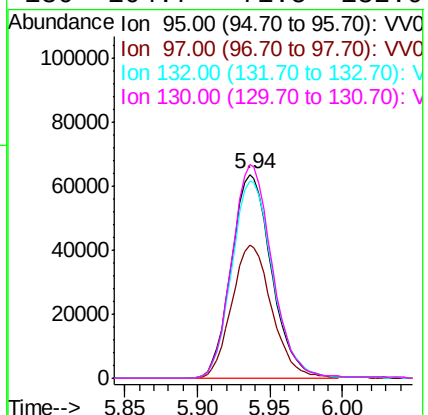
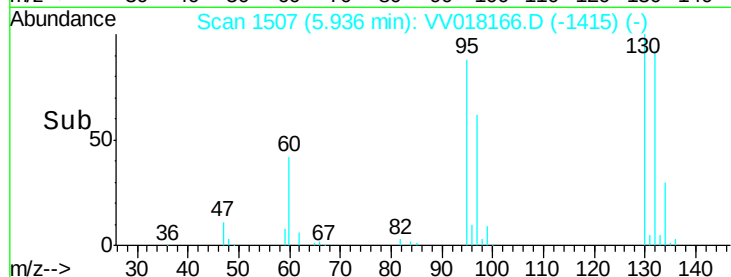
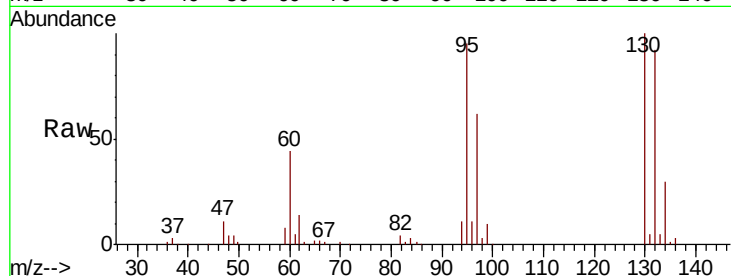
Ion Ratio Lower Upper

95 100

97 65.1 46.3 85.9

132 96.8 68.1 126.5

130 104.7 71.5 132.9



#35

Methylcyclohexane

Concen: 54.774 ug/L

RT: 6.15 min Scan# 1575

Delta R.T. -0.00 min

Lab File: VV018166.D

Acq: 09 Sep 2020 12:41

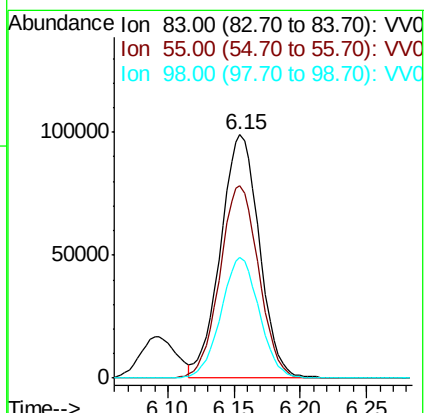
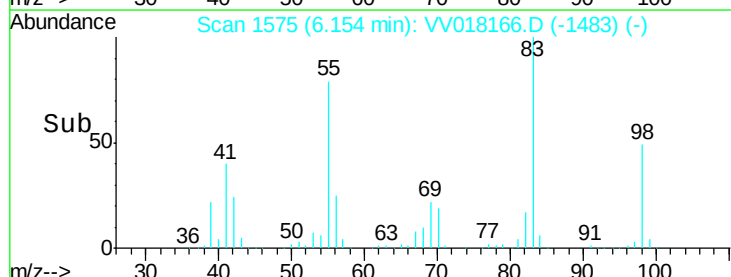
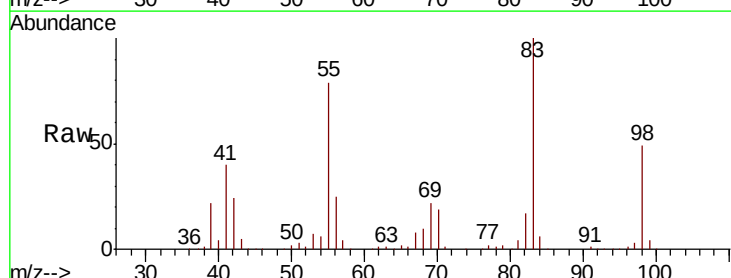
Tgt Ion: 83 Resp: 200722

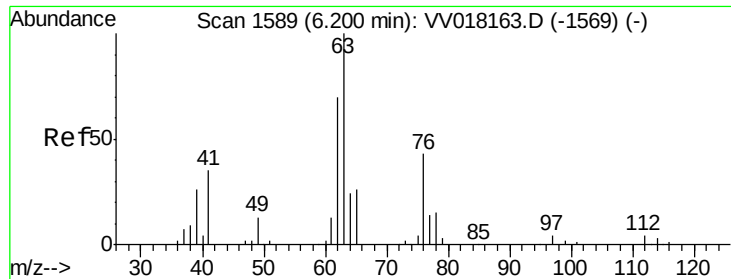
Ion Ratio Lower Upper

83 100

55 79.3 63.4 95.2

98 49.0 38.8 58.2

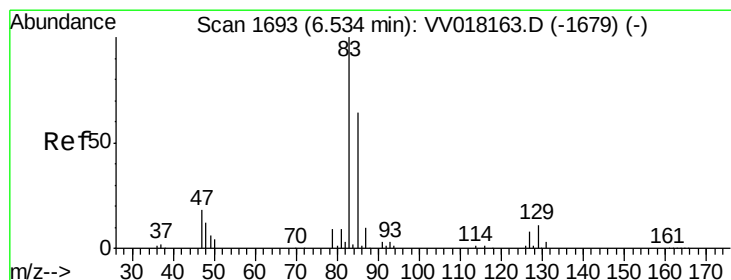
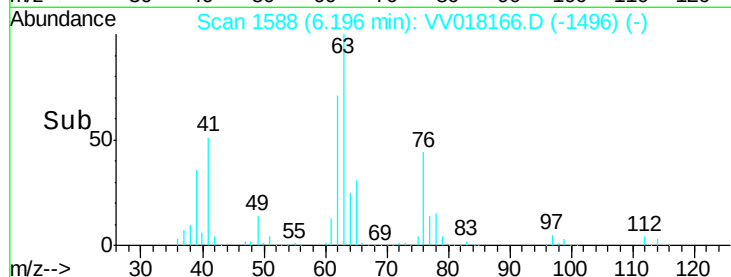
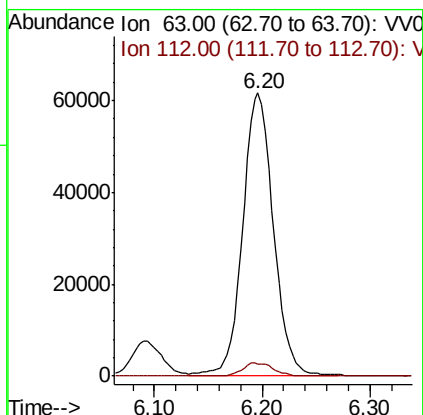
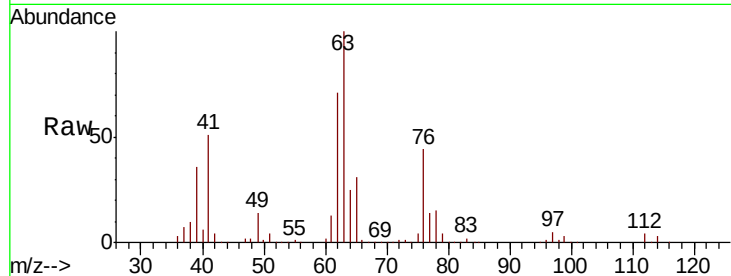




#37
 1,2-Dichloropropane
 Concen: 51.583 ug/L
 RT: 6.20 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: VV018166.D
 Acq: 09 Sep 2020 12:41

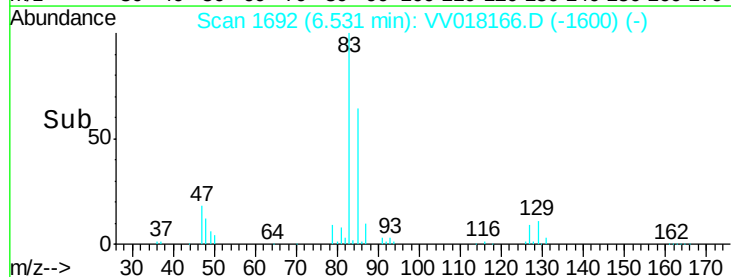
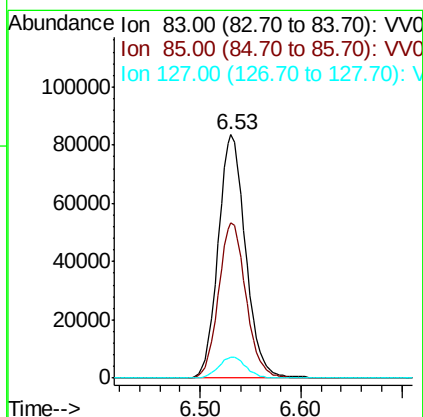
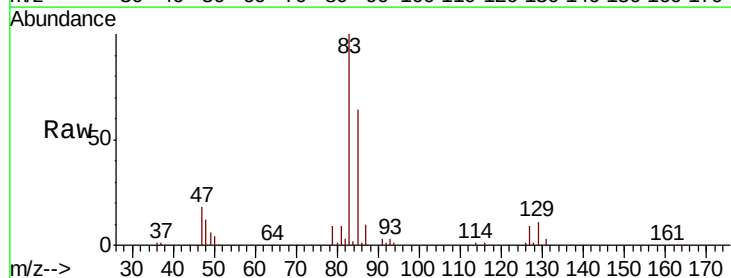
Instrument :
 MSVOA_V
 ClientSampled :
 VICV63

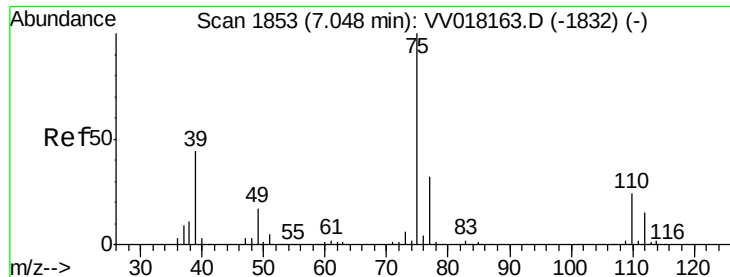
Tot Ion: 63 Resp: 122125
 Ion Ratio Lower Upper
 63 100
 112 4.7 3.4 5.2



#38
 Bromodichloromethane
 Concen: 51.411 ug/L
 RT: 6.53 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VV018166.D
 Acq: 09 Sep 2020 12:41

Tgt Ion: 83 Resp: 158396
 Ion Ratio Lower Upper
 83 100
 85 63.9 44.7 82.9
 127 8.7 6.7 10.1

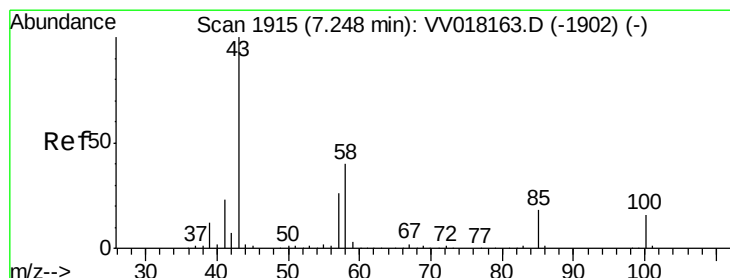
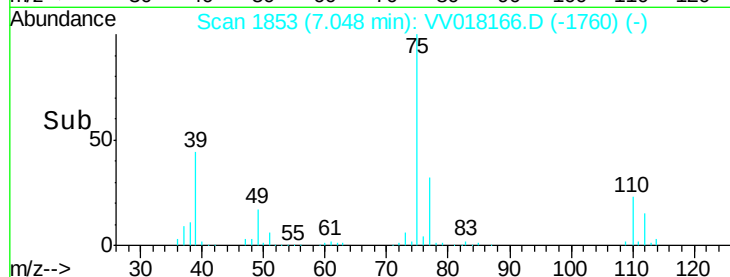
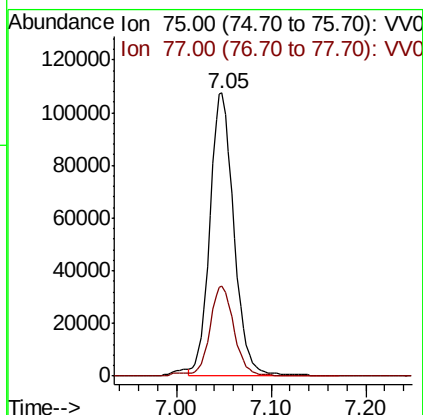
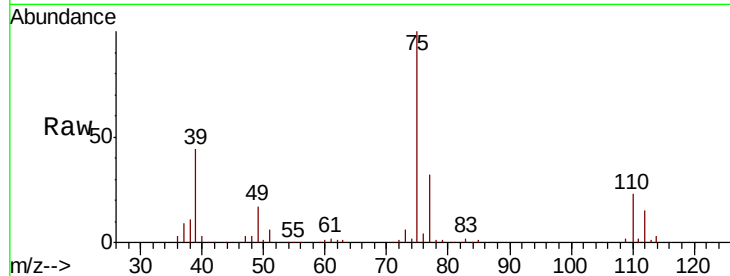




#39
 cis-1,3-Dichloropropene
 Concen: 51.954 ug/L
 RT: 7.05 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VV018166.D
 Acq: 09 Sep 2020 12:41

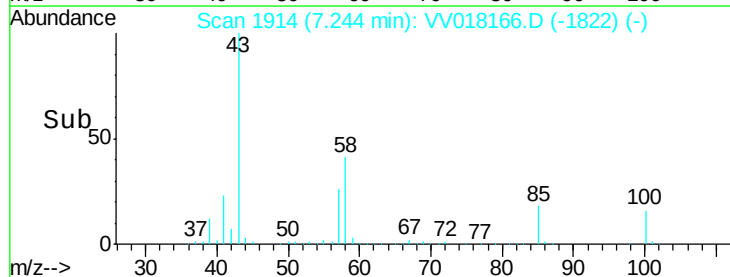
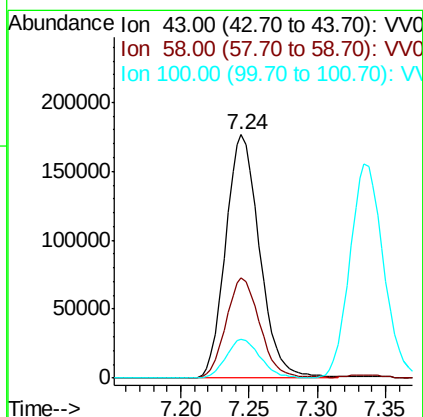
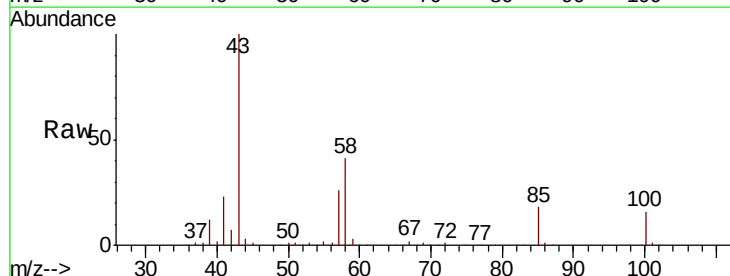
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV63

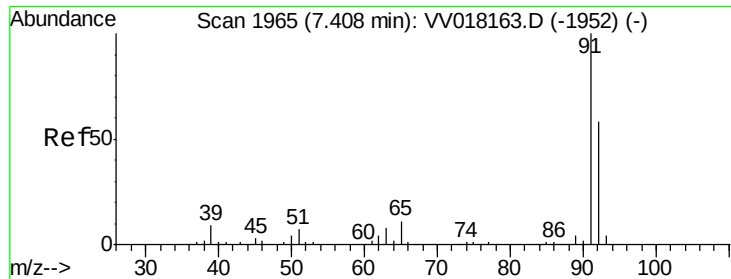
Tot Ion: 75 Resp: 189518
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 106.735 ug/L
 RT: 7.24 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VV018166.D
 Acq: 09 Sep 2020 12:41

Tgt Ion: 43 Resp: 306563
 Ion Ratio Lower Upper
 43 100
 58 40.9 32.4 48.6
 100 16.0 12.7 19.1





#42

Toluene

Concen: 52.468 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VV018166.D

Acq: 09 Sep 2020 12:41

Instrument :

MSVOA_V

ClientSampleId :

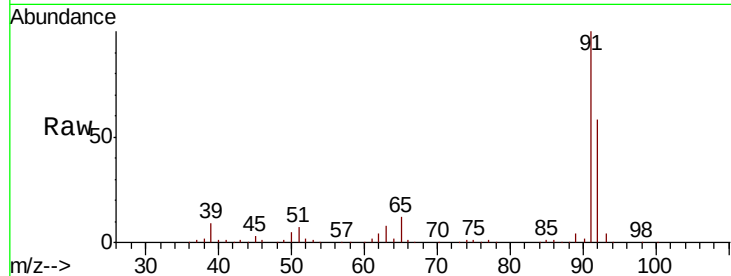
VICV63

Tot Ion: 91 Resp: 496087

Ion Ratio Lower Upper

91 100

92 58.3 40.7 75.5



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

7.41

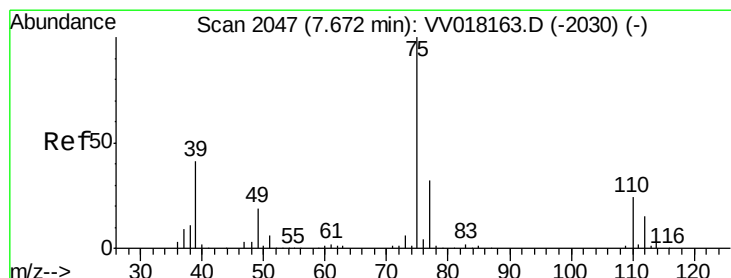
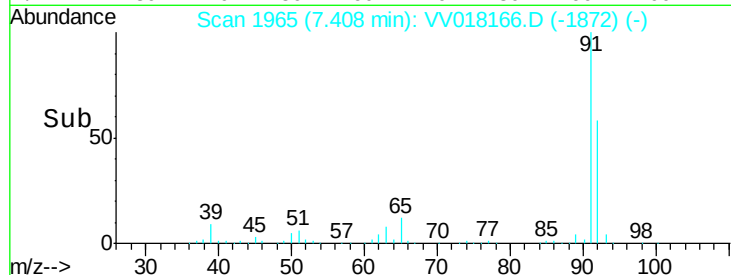
300000

200000

100000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 52.804 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.00 min

Lab File: VV018166.D

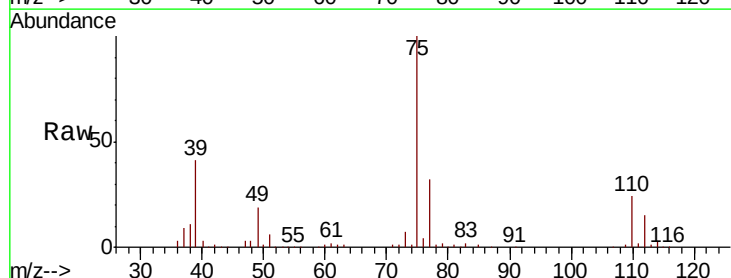
Acq: 09 Sep 2020 12:41

Tgt Ion: 75 Resp: 187544

Ion Ratio Lower Upper

75 100

77 31.9 22.3 41.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

7.67

120000

100000

80000

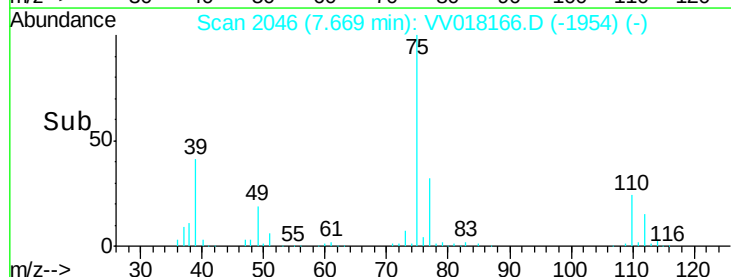
60000

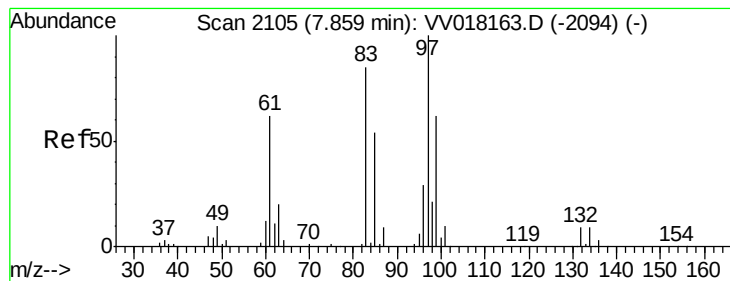
40000

20000

0

Time-->





#45

1,1,2-Trichloroethane

Concen: 51.309 ug/L

RT: 7.86 min Scan# 2105

Delta R.T. -0.00 min

Lab File: VV018166.D

Acq: 09 Sep 2020 12:41

Instrument :

MSVOA_V

ClientSampleId :

VICV63

Tot Ion: 97 Resp: 112593

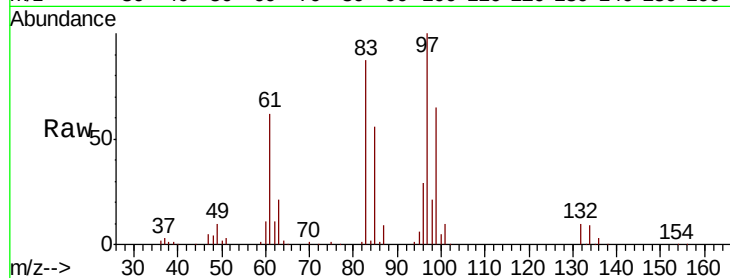
Ion Ratio Lower Upper

97 100

99 65.0 43.7 81.1

83 87.3 59.9 111.3

85 56.2 37.6 69.8



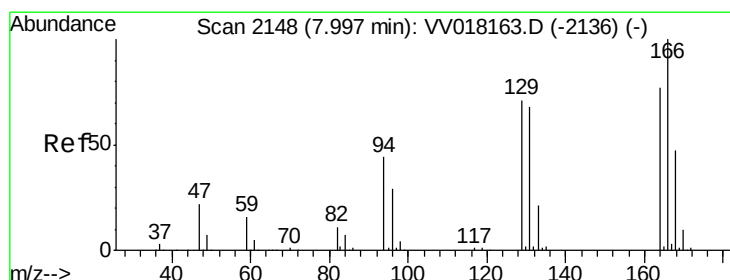
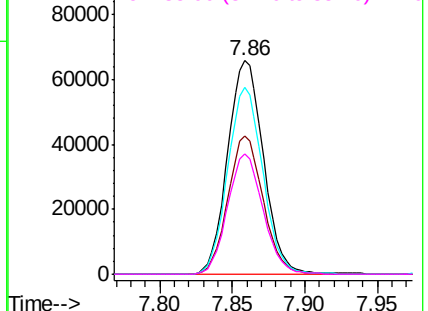
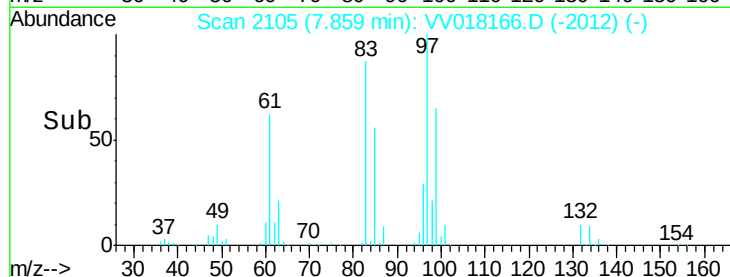
Abundance

Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



#46

Tetrachloroethene

Concen: 53.123 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV018166.D

Acq: 09 Sep 2020 12:41

Tgt Ion: 164 Resp: 101375

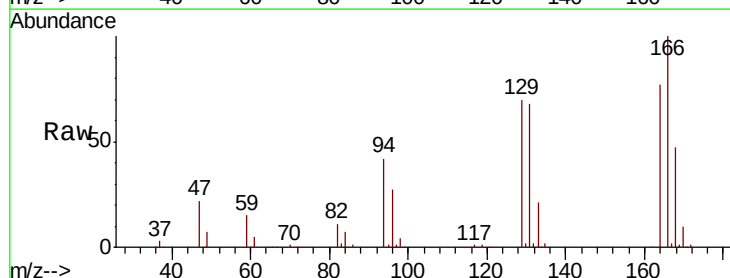
Ion Ratio Lower Upper

164 100

129 90.5 64.5 119.7

131 88.0 61.8 114.8

166 129.6 90.6 168.2



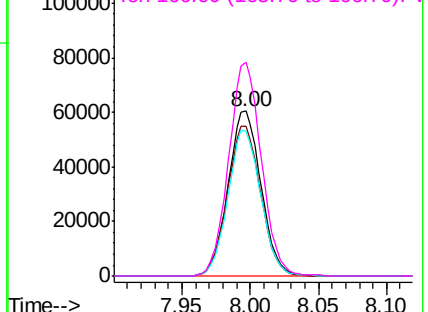
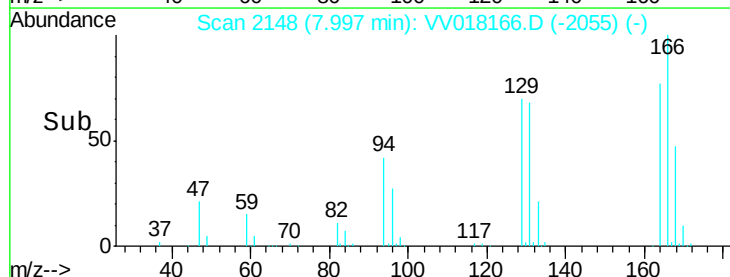
Abundance

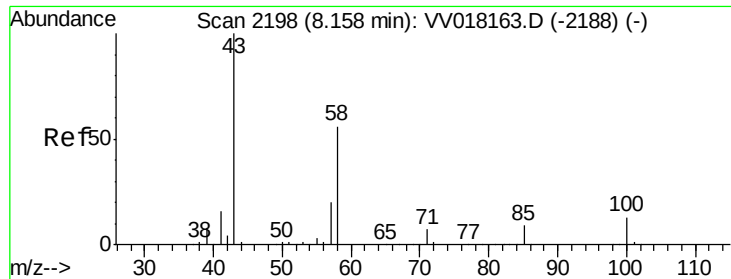
Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

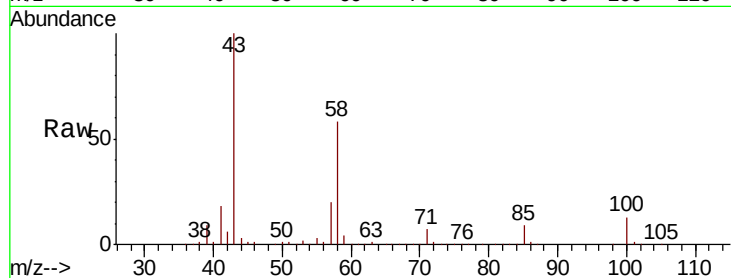




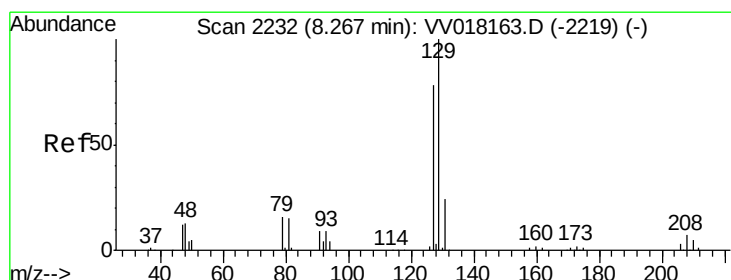
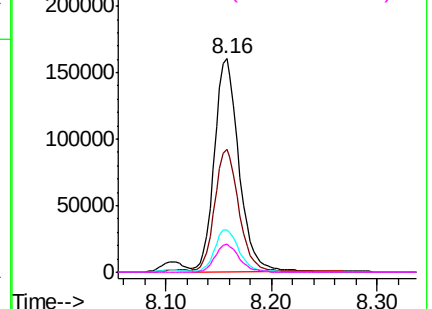
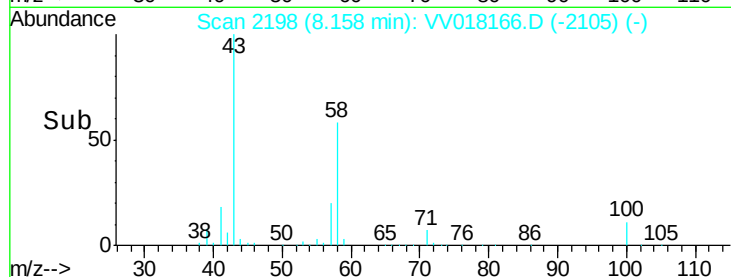
#48
2-Hexanone
Concen: 114.677 ug/L
RT: 8.16 min Scan# 2198
Delta R.T. -0.00 min
Lab File: VV018166.D
Acq: 09 Sep 2020 12:41

Instrument :
MSVOA_V
ClientSampled :
VICV63

Tot Ion: 43 Resp: 259673
Ion Ratio Lower Upper
43 100
58 57.4 44.8 67.2
57 19.7 15.8 23.6
100 13.0 10.2 15.4

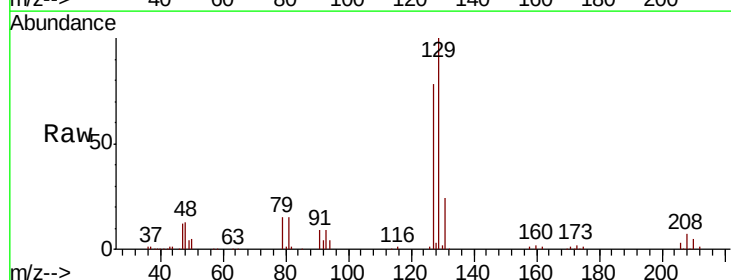


Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0

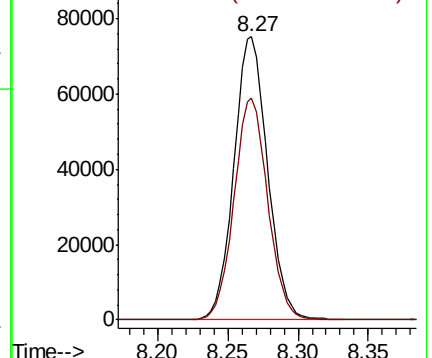
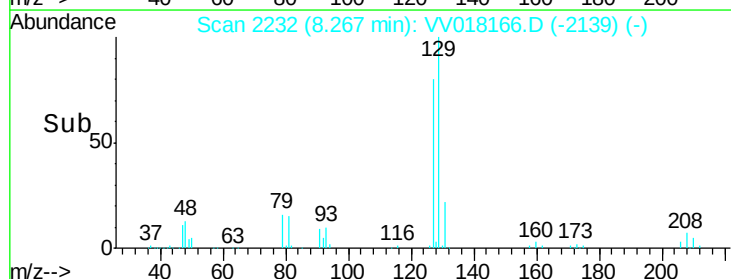


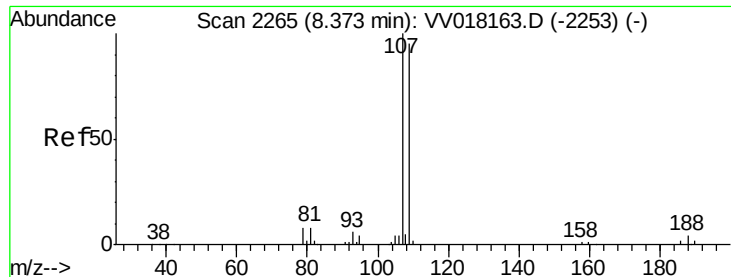
#49
Dibromochloromethane
Concen: 51.053 ug/L
RT: 8.27 min Scan# 2232
Delta R.T. -0.00 min
Lab File: VV018166.D
Acq: 09 Sep 2020 12:41

Tgt Ion: 129 Resp: 125752
Ion Ratio Lower Upper
129 100
127 78.4 54.5 101.1



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

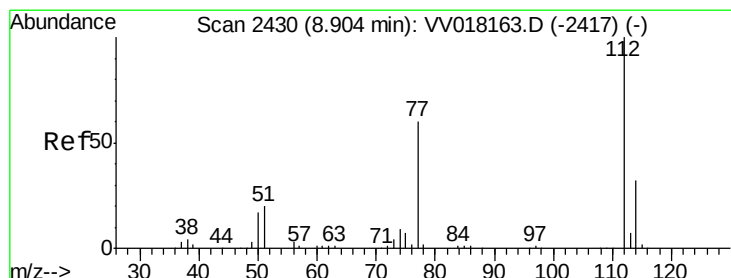
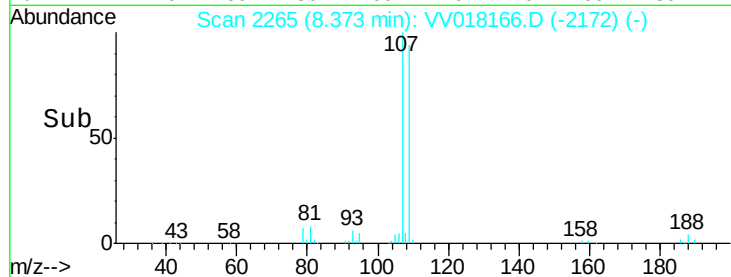
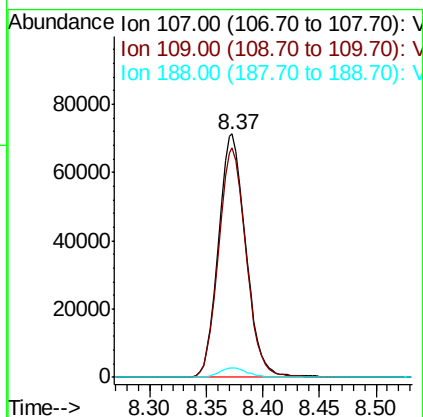
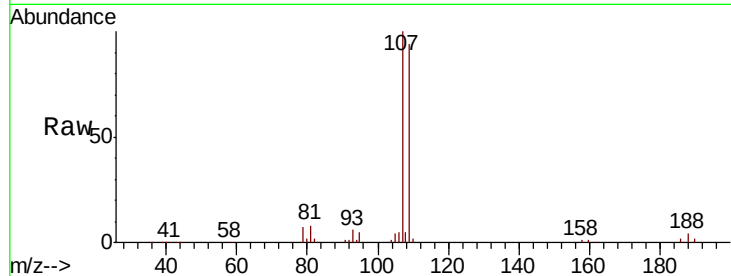




#50
 1,2-Dibromoethane
 Concen: 52.121 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. -0.00 min
 Lab File: VV018166.D
 Acq: 09 Sep 2020 12:41

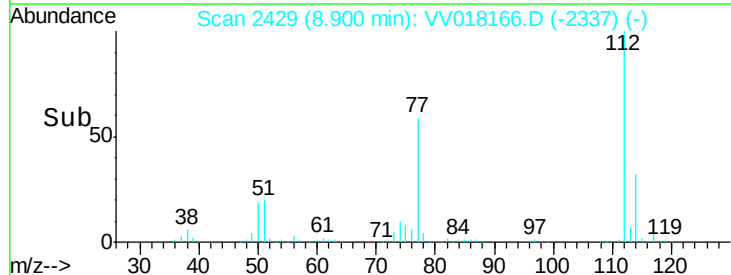
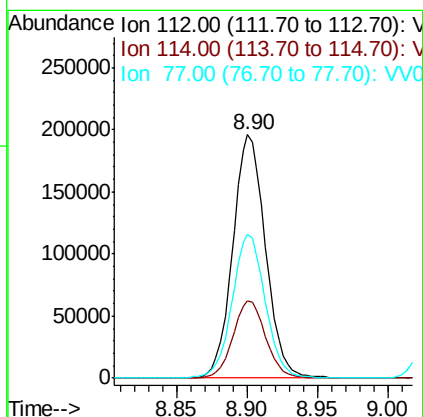
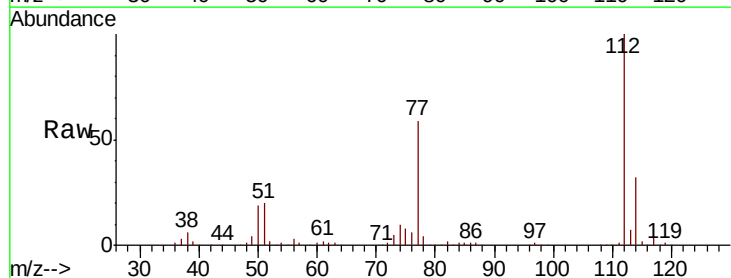
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV63

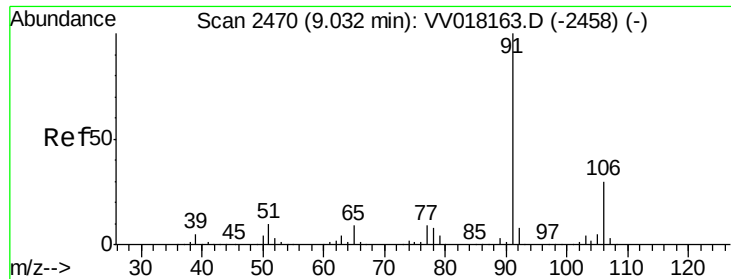
Tot Ion	Ratio	Lower	Upper
107	100		
109	94.3	66.1	122.8
188	4.1	3.2	4.8



#51
 Chlorobenzene
 Concen: 51.901 ug/L
 RT: 8.90 min Scan# 2429
 Delta R.T. -0.00 min
 Lab File: VV018166.D
 Acq: 09 Sep 2020 12:41

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.6	42.0
77	59.2	48.0	72.0





#52

Ethylbenzene

Concen: 53.462 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VV018166.D

Acq: 09 Sep 2020 12:41

Instrument :

MSVOA_V

ClientSampleId :

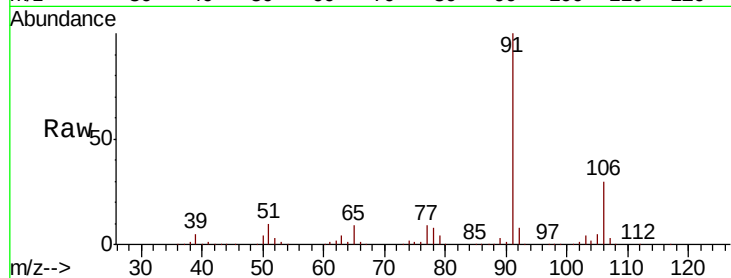
VICV63

Tot Ion: 91 Resp: 551870

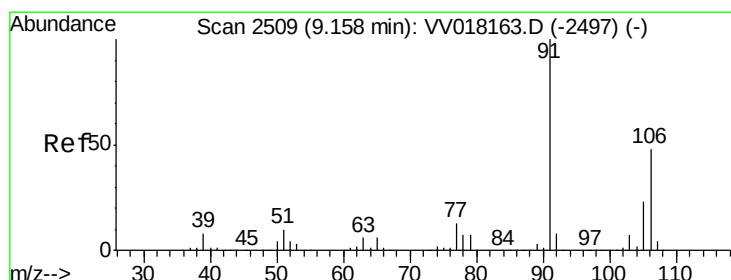
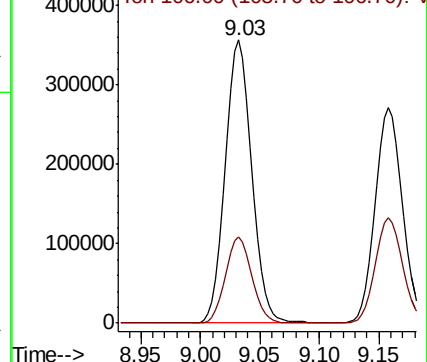
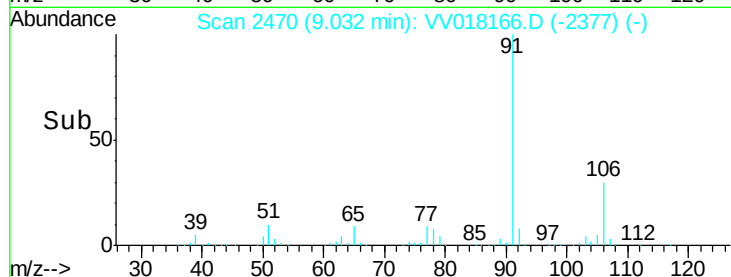
Ion Ratio Lower Upper

91 100

106 30.3 21.3 39.5



Abundance Ion 91.00 (90.70 to 91.70): VV018166.D (-2377) (-)



#53

m,p-Xylene

Concen: 55.076 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VV018166.D

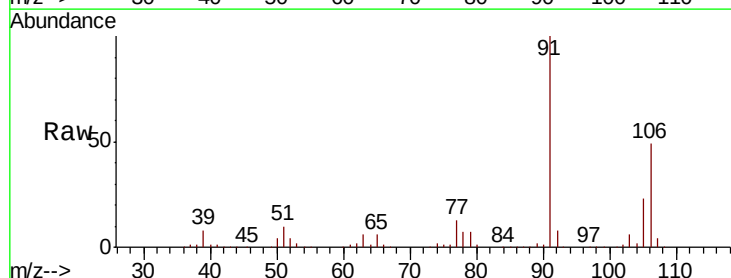
Acq: 09 Sep 2020 12:41

Tgt Ion: 106 Resp: 212207

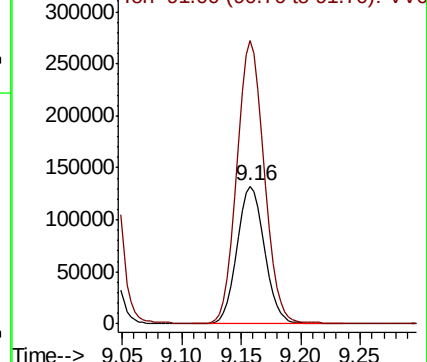
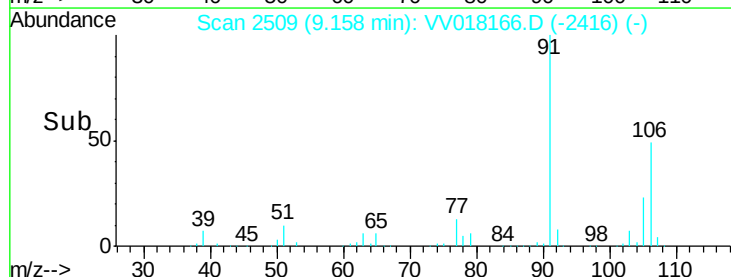
Ion Ratio Lower Upper

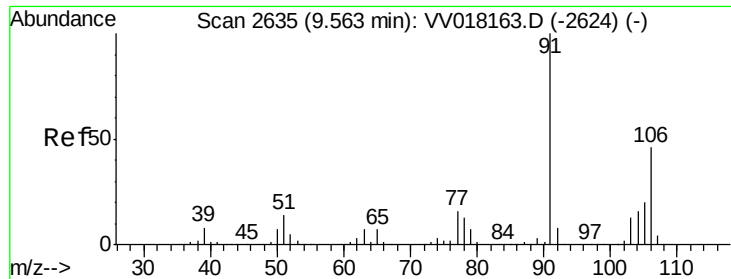
106 100

91 205.5 146.7 272.5



Abundance Ion 106.00 (105.70 to 106.70): VV018166.D (-2416) (-)

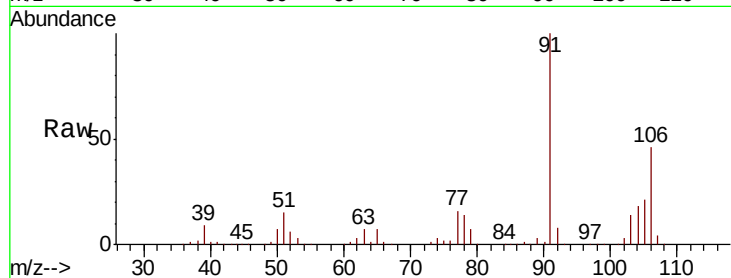




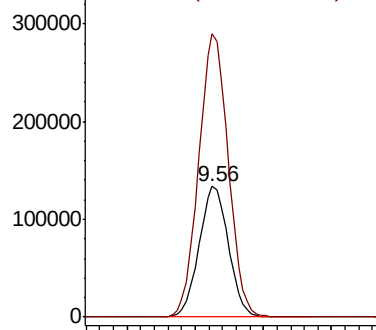
#54
o-xylene
Concen: 53.994 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. -0.00 min
Lab File: VV018166.D
Acq: 09 Sep 2020 12:41

Instrument :
MSVOA_V
ClientSampleId :
VICV63

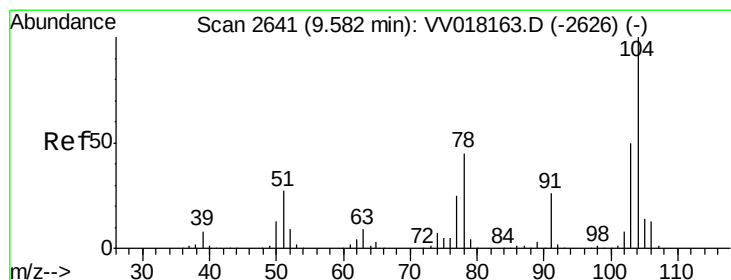
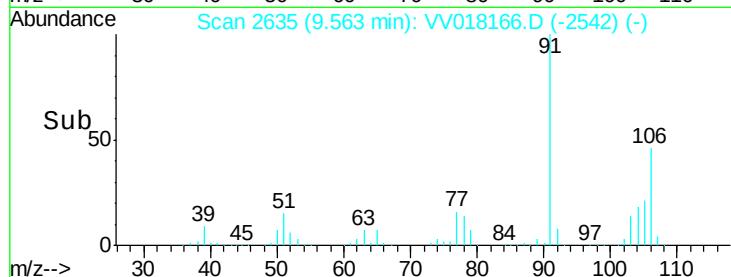
Tot Ion:106 Resp: 200422
Ion Ratio Lower Upper
106 100
91 216.8 152.2 282.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

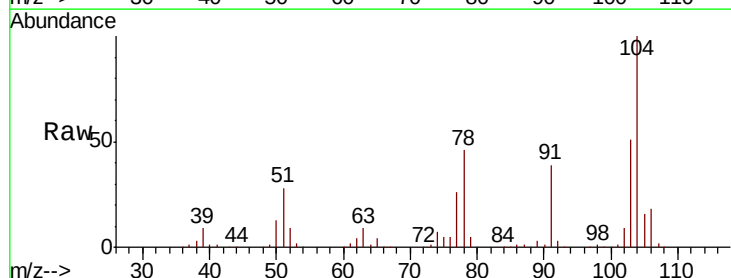


Time-->

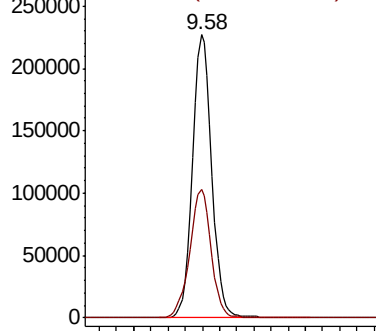


#55
Styrene
Concen: 54.877 ug/L
RT: 9.58 min Scan# 2640
Delta R.T. -0.00 min
Lab File: VV018166.D
Acq: 09 Sep 2020 12:41

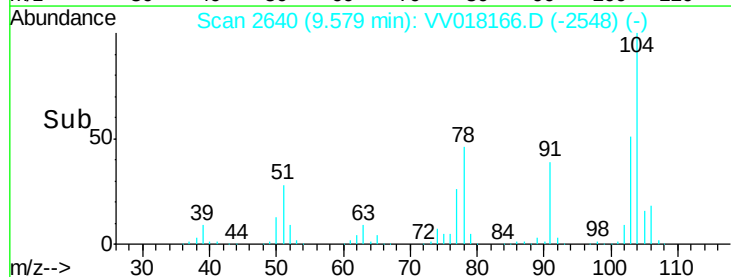
Tgt Ion:104 Resp: 354052
Ion Ratio Lower Upper
104 100
78 45.6 31.4 58.2

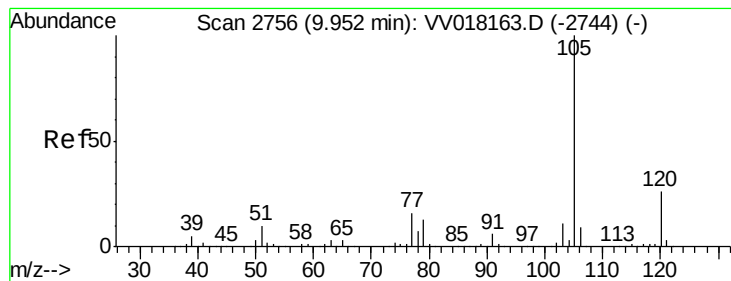


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VV0



Time-->





#56

Isopropylbenzene

Concen: 54.898 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VV018166.D

Acq: 09 Sep 2020 12:41

Instrument :

MSVOA_V

ClientSampleId :

VICV63

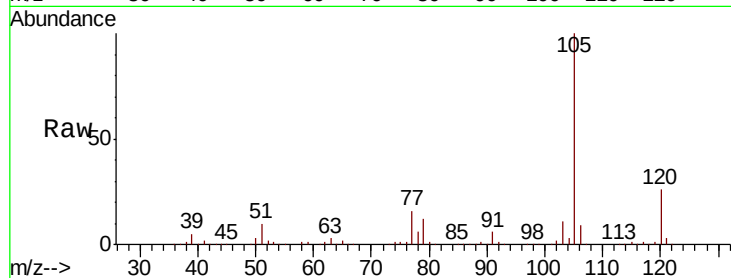
Tot Ion:105 Resp: 549195

Ion Ratio Lower Upper

105 100

120 26.1 20.9 31.3

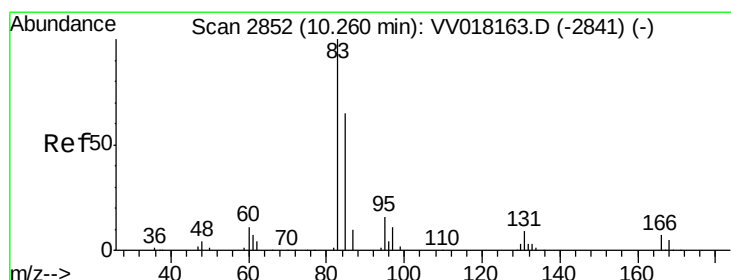
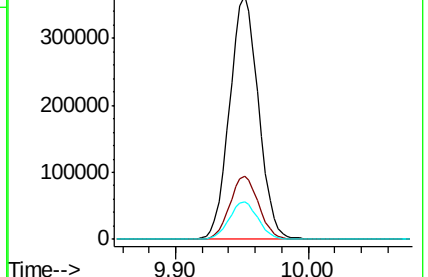
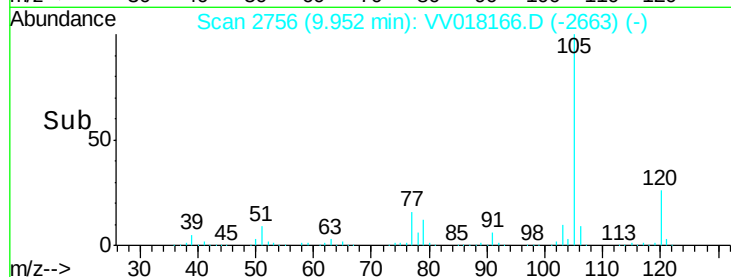
77 15.6 12.5 18.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 52.428 ug/L

RT: 10.26 min Scan# 2852

Delta R.T. -0.00 min

Lab File: VV018166.D

Acq: 09 Sep 2020 12:41

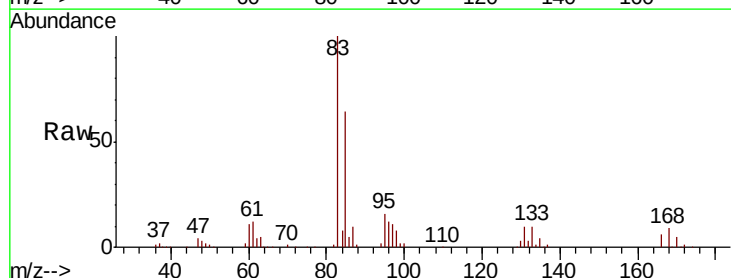
Tgt Ion: 83 Resp: 170184

Ion Ratio Lower Upper

83 100

85 63.8 45.8 85.2

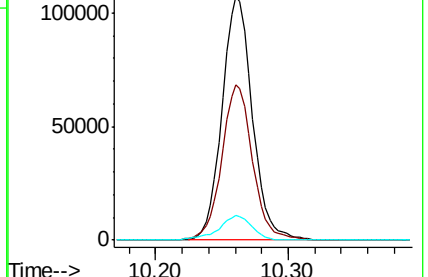
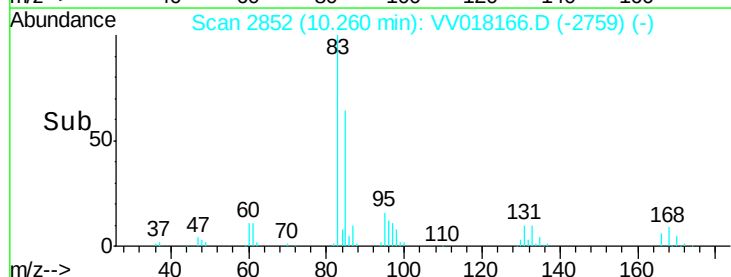
131 10.0 8.0 12.0

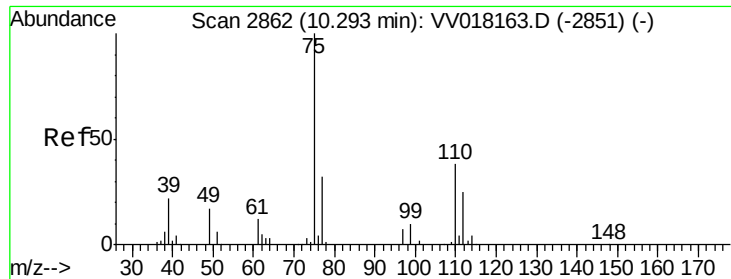


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 51.453 ug/L

RT: 10.29 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VV018166.D

Acq: 09 Sep 2020 12:41

Instrument :

MSVOA_V

ClientSampled :

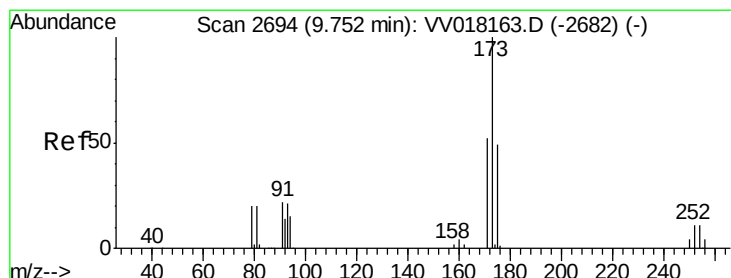
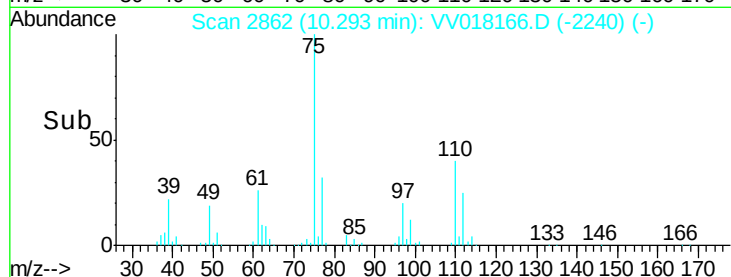
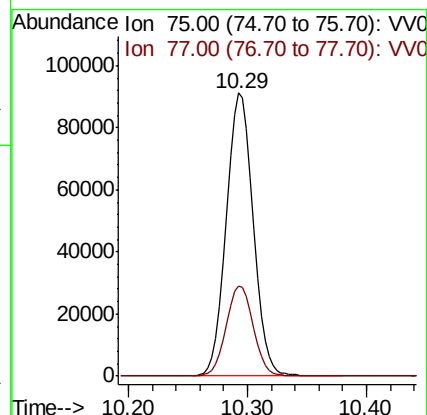
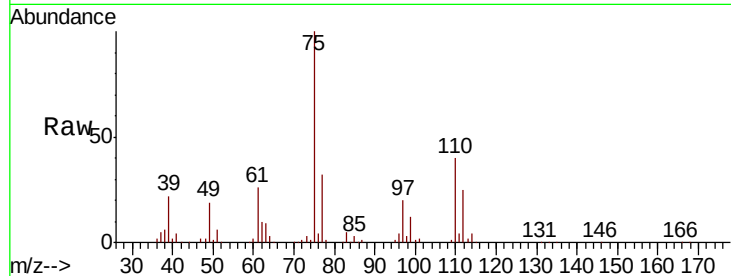
VICV63

Tot Ion: 75 Resp: 143277

Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.6



#61

Bromoform

Concen: 50.628 ug/L

RT: 9.75 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VV018166.D

Acq: 09 Sep 2020 12:41

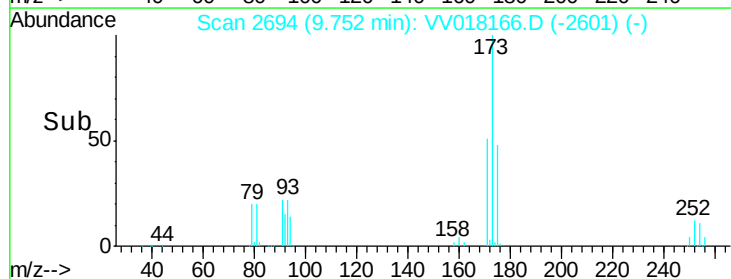
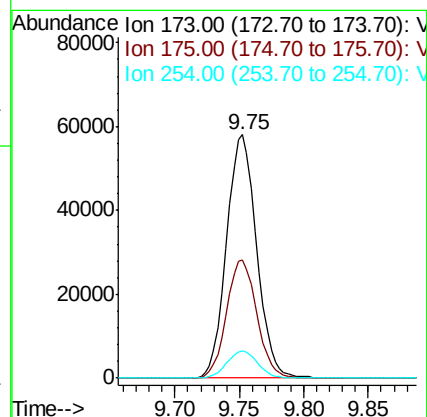
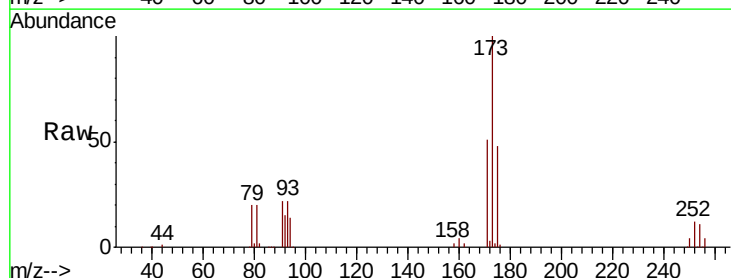
Tgt Ion: 173 Resp: 94047

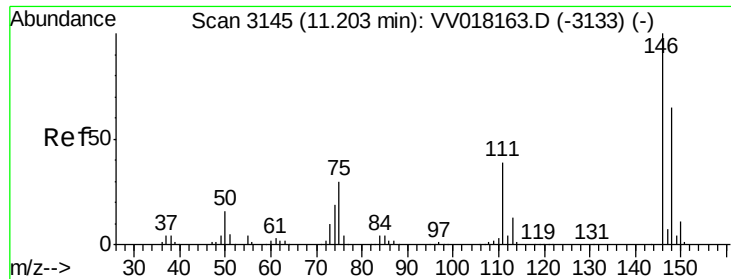
Ion Ratio Lower Upper

173 100

175 48.9 39.0 58.6

254 11.4 9.0 13.4

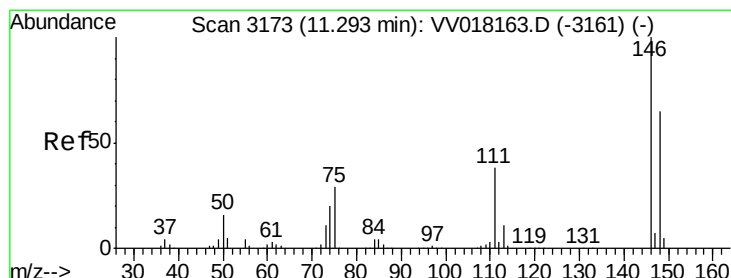
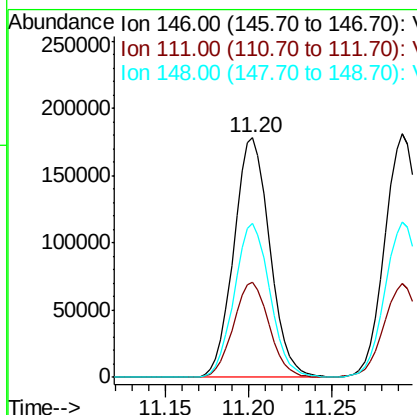
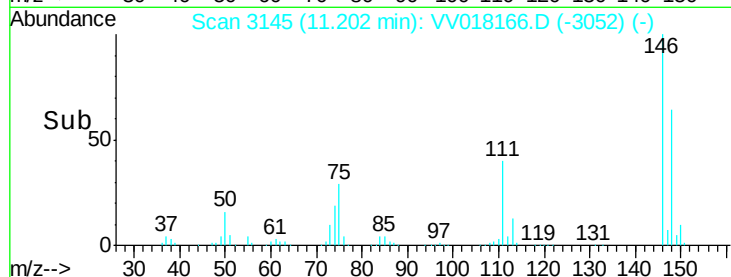
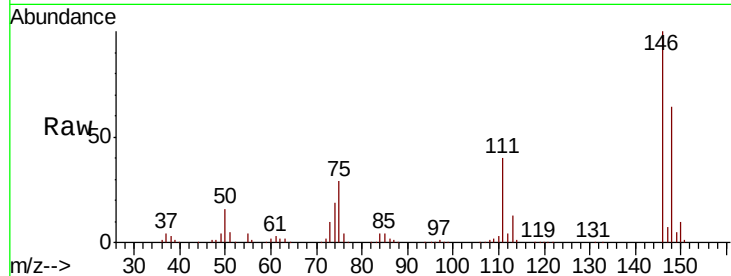




#62
 1,3-Dichlorobenzene
 Concen: 52.259 ug/L
 RT: 11.20 min Scan# 3145
 Delta R.T. -0.00 min
 Lab File: VV018166.D
 Acq: 09 Sep 2020 12:41

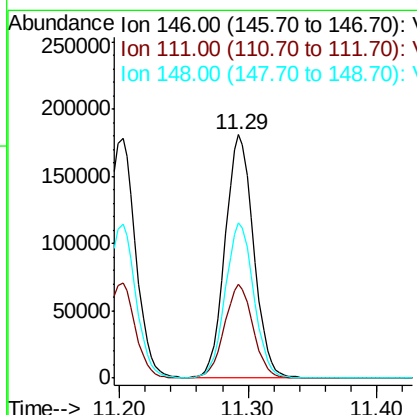
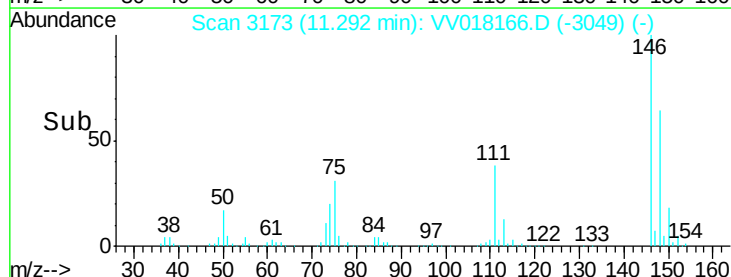
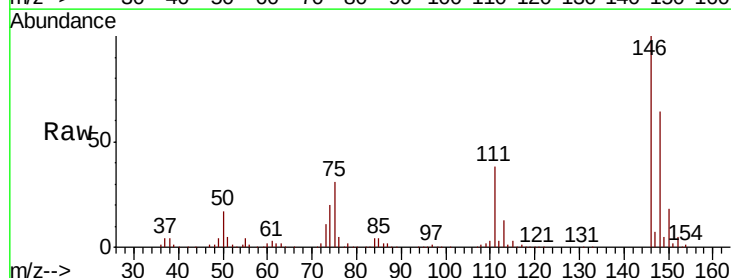
Instrument :
 MSVOA_V
 ClientSampled :
 VICV63

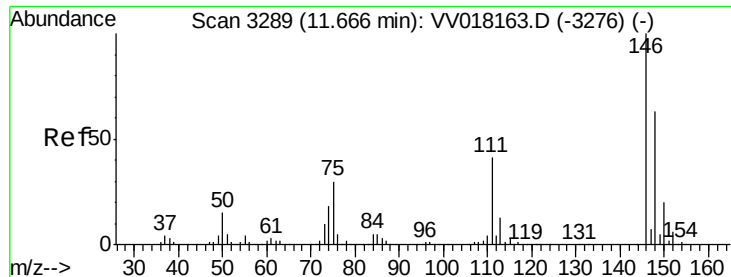
Tot Ion:146 Resp: 268708
 Ion Ratio Lower Upper
 146 100
 111 39.6 27.6 51.2
 148 64.1 45.4 84.2



#63
 1,4-Dichlorobenzene
 Concen: 52.244 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. -0.00 min
 Lab File: VV018166.D
 Acq: 09 Sep 2020 12:41

Tgt Ion:146 Resp: 276112
 Ion Ratio Lower Upper
 146 100
 111 38.4 27.1 50.3
 148 63.9 45.4 84.2





#65

1,2-Dichlorobenzene

Concen: 50.785 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. -0.00 min

Lab File: VV018166.D

Acq: 09 Sep 2020 12:41

Instrument :

MSVOA_V

ClientSampled :

VICV63

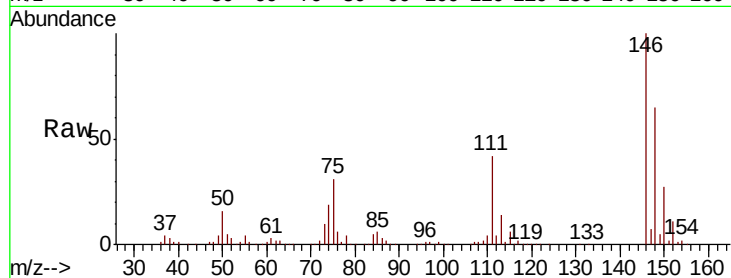
Tot Ion:146 Resp: 263939

Ion Ratio Lower Upper

146 100

111 41.9 32.8 49.2

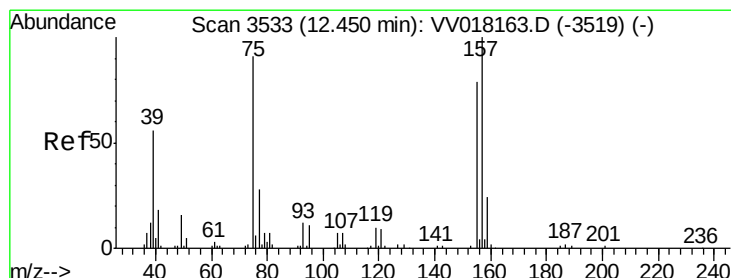
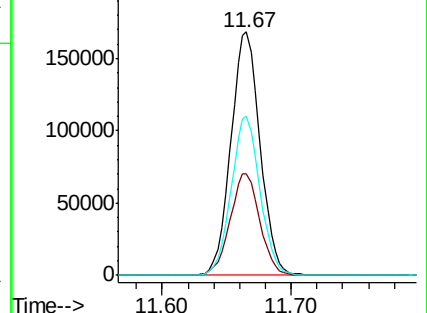
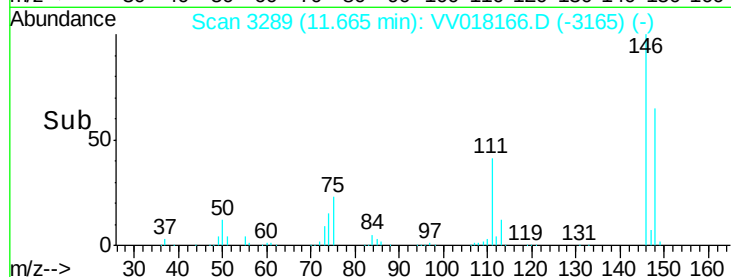
148 65.1 50.7 76.1



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



#66

1,2-Dibromo-3-chloropropane

Concen: 50.804 ug/L

RT: 12.45 min Scan# 3533

Delta R.T. -0.00 min

Lab File: VV018166.D

Acq: 09 Sep 2020 12:41

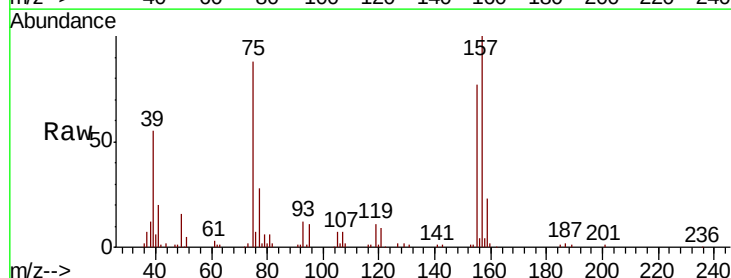
Tgt Ion: 75 Resp: 37260

Ion Ratio Lower Upper

75 100

155 87.2 69.7 104.5

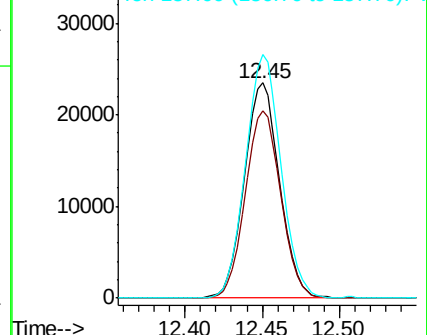
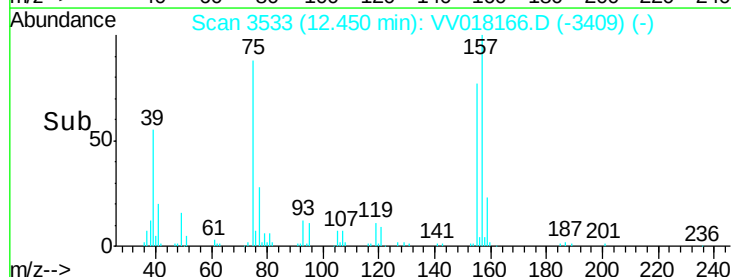
157 113.1 88.2 132.4

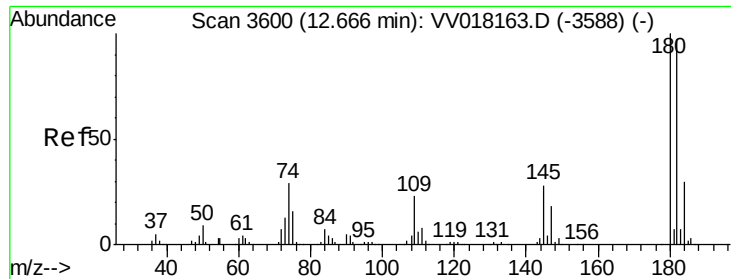


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

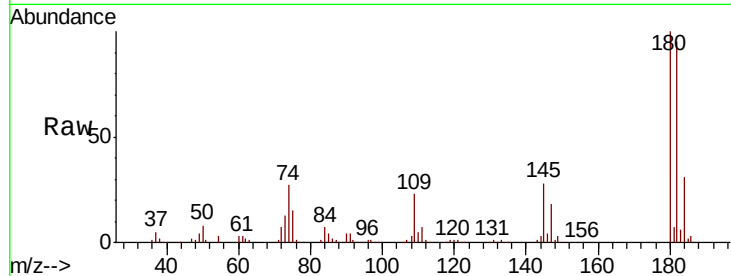




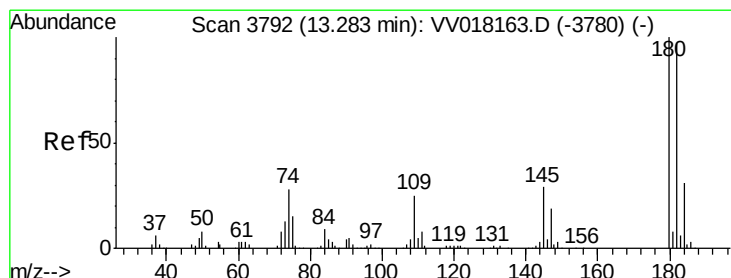
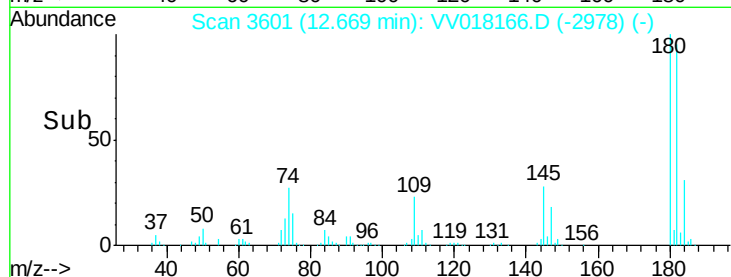
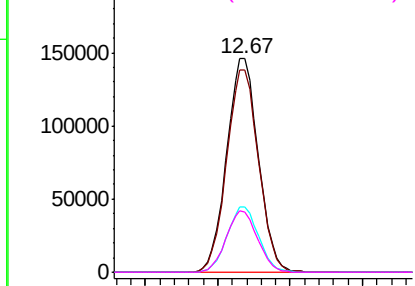
#67
 1,3,5-Trichlorobenzene
 Concen: 54.390 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. 0.00 min
 Lab File: VV018166.D
 Acq: 09 Sep 2020 12:41

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV63

Tot Ion:180 Resp: 220474
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.8 115.2
 184 30.5 24.6 36.8
 145 28.3 22.7 34.1

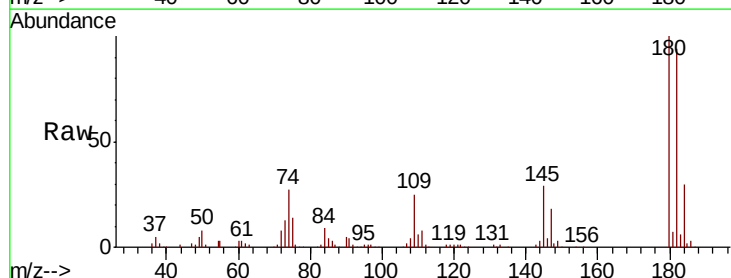


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

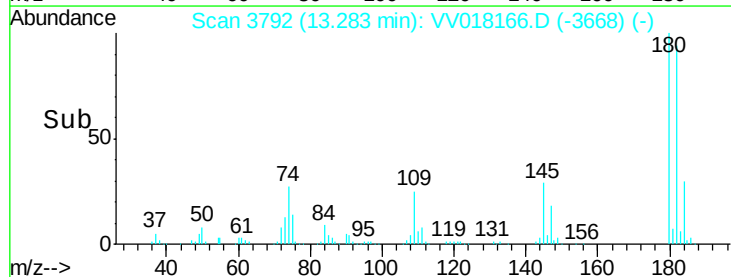
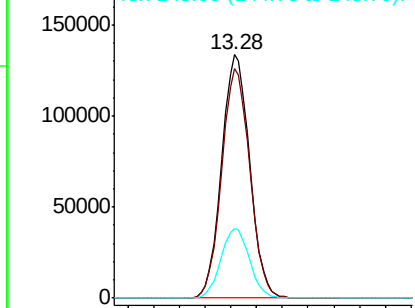


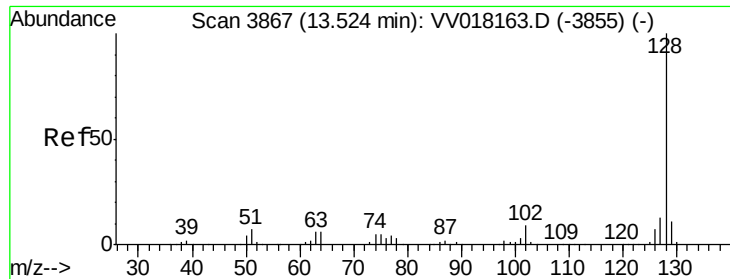
#68
 1,2,4-trichlorobenzene
 Concen: 55.772 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. -0.00 min
 Lab File: VV018166.D
 Acq: 09 Sep 2020 12:41

Tgt Ion:180 Resp: 201321
 Ion Ratio Lower Upper
 180 100
 182 94.7 77.4 116.2
 145 29.1 23.2 34.8



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





#69

Naphthalene

Concen: 56.173 ug/L

RT: 13.52 min Scan# 3867

Delta R.T. -0.00 min

Lab File: VV018166.D

Acq: 09 Sep 2020 12:41

Instrument :

MSVOA_V

ClientSampleId :

VICV63

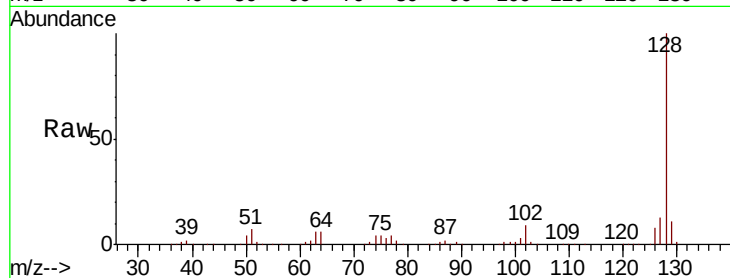
Tot Ion:128 Resp: 513064

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

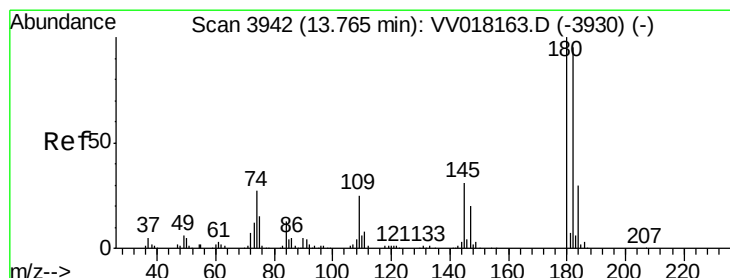
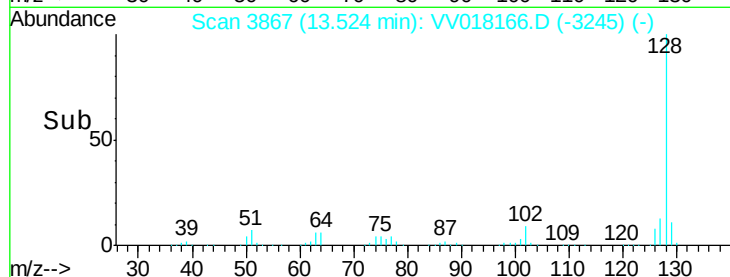
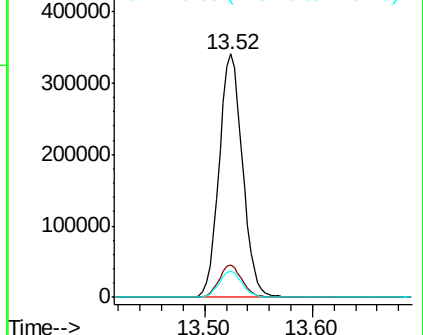
129 10.8 8.6 13.0



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: 54.818 ug/L

RT: 13.77 min Scan# 3942

Delta R.T. -0.00 min

Lab File: VV018166.D

Acq: 09 Sep 2020 12:41

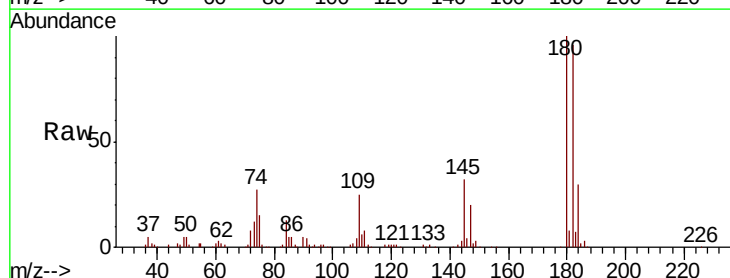
Tgt Ion:180 Resp: 194895

Ion Ratio Lower Upper

180 100

182 95.9 76.5 114.7

145 31.5 24.9 37.3



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

