

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073020\
 Data File : VV017745.D
 Acq On : 30 Jul 2020 12:30
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV66

Quant Time: Jul 31 02:25:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 31 02:23:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	353492	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	340027	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	185685	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81728	47.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.82%
7) Chloroethane-d5	1.58	69	70530	47.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.84%
11) 1,1-Dichloroethene-d2	2.12	63	202576	48.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.80%
21) 2-Butanone-d5	3.91	46	130221	100.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.47%
24) Chloroform-d	4.37	84	224787	47.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.44%
26) 1,2-Dichloroethane-d4	5.06	65	163801	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.20%
32) Benzene-d6	5.07	84	393561	48.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.84%
36) 1,2-Dichloropropane-d6	6.09	67	110788	49.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.74%
41) Toluene-d8	7.34	98	385847	48.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.82%
43) trans-1,3-Dichloropropene-	7.64	79	71789	48.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.78%
47) 2-Hexanone-d5	8.11	63	97219	101.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.81%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	157174	46.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	177103	48.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.18%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	171828	48.421	ug/L 99
3) Chloromethane	1.25	50	115445	48.752	ug/L 97
5) Vinyl chloride	1.32	62	121433	48.424	ug/L 96
6) Bromomethane	1.53	94	75808	50.824	ug/L 97
8) Chloroethane	1.60	64	69808	45.986	ug/L 97
9) Trichlorofluoromethane	1.76	101	246783	50.104	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	112294	49.276	ug/L 98
12) 1,1-Dichloroethene	2.13	96	100648	47.308	ug/L 99
13) Acetone	2.19	43	151948	92.306	ug/L 99
14) Carbon disulfide	2.31	76	322389	49.177	ug/L 99
15) Methyl Acetate	2.44	43	101552	47.435	ug/L 98
16) Methylene chloride	2.52	84	120536	48.048	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	114820	47.863	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	397132	50.365	ug/L 99
19) 1,1-Dichloroethane	3.21	63	203660	48.651	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	123014	48.008	ug/L 96
22) 2-Butanone	3.99	43	162189	106.070	ug/L 99

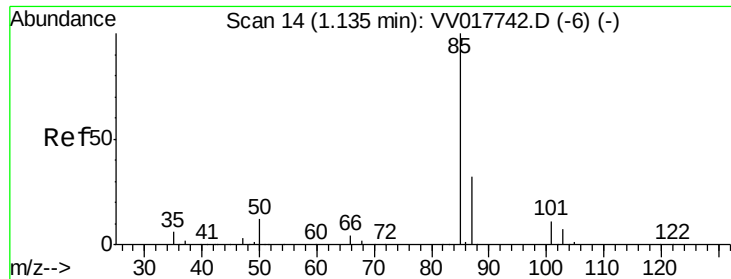
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073020\
 Data File : VV017745.D
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 Quant Title : VOC Analysis
 QLast Update : Fri Jul 31 02:23:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	69362	47.914	ug/L	98
25) Chloroform	4.40	83	239933	49.457	ug/L	100
27) 1,2-Dichloroethane	5.15	62	218441	50.744	ug/L	97
29) Cyclohexane	4.70	56	172761	50.155	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	237834	48.516	ug/L	99
31) Carbon tetrachloride	4.85	117	220393	49.325	ug/L	98
33) Benzene	5.13	78	449682	48.760	ug/L	100
34) Trichloroethene	5.94	95	129639	49.459	ug/L	98
35) Methylcyclohexane	6.15	83	193719	50.381	ug/L	98
37) 1,2-Dichloropropane	6.20	63	101461	47.999	ug/L	99
38) Bromodichloromethane	6.53	83	183419	48.788	ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	199021	51.273	ug/L	97
40) 4-Methyl-2-pentanone	7.24	43	282327	97.997	ug/L	100
42) Toluene	7.41	91	511433	49.920	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	203448	51.071	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	117530	48.819	ug/L	98
46) Tetrachloroethene	8.00	164	114908	49.481	ug/L	99
48) 2-Hexanone	8.16	43	232863	99.347	ug/L	97
49) Dibromochloromethane	8.27	129	153233	48.662	ug/L	98
50) 1,2-Dibromoethane	8.37	107	126662	48.318	ug/L	97
51) Chlorobenzene	8.90	112	342539	48.732	ug/L	99
52) Ethylbenzene	9.03	91	588123	50.106	ug/L	100
53) m,p-Xylene	9.16	106	224615	49.918	ug/L	97
54) o-xylene	9.56	106	218059	50.079	ug/L	99
55) Styrene	9.58	104	376660	49.731	ug/L	100
56) Isopropylbenzene	9.95	105	604375	50.711	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	166036	47.384	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	145092	47.167	ug/L	96
61) Bromoform	9.75	173	113805	49.614	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	291708	49.160	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	294122	48.783	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	294570	49.377	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	48302	51.811	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	237780	51.244	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	213355	52.979	ug/L	99
69) Naphthalene	13.52	128	576788	54.293	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	214831	53.788	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 48.421 ug/L

RT: 1.14 min Scan# 14

Delta R.T. 0.00 min

Lab File: VV017745.D

Acq: 30 Jul 2020 12:30

Instrument :

MSVOA_V

ClientSampleId :

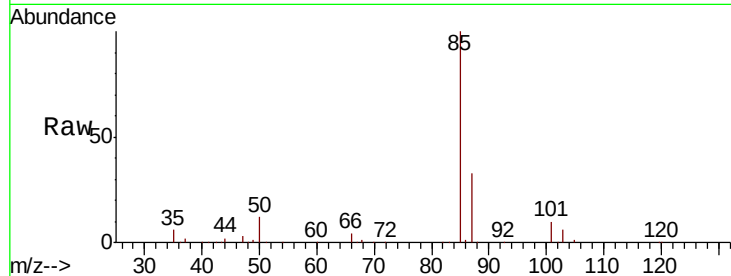
VICV66

Tot Ion: 85 Resp: 171828

Ion Ratio Lower Upper

85 100

87 32.6 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0

1.14

200000

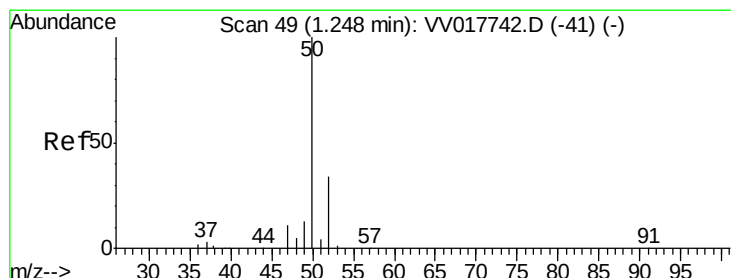
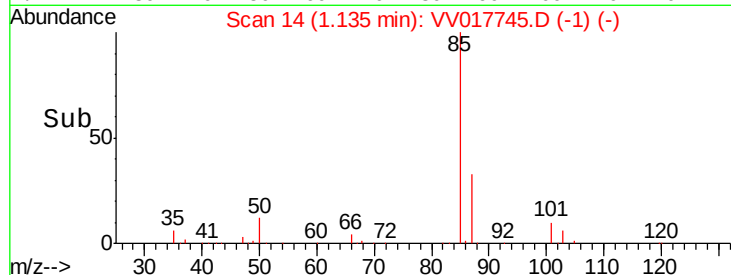
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 48.752 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV017745.D

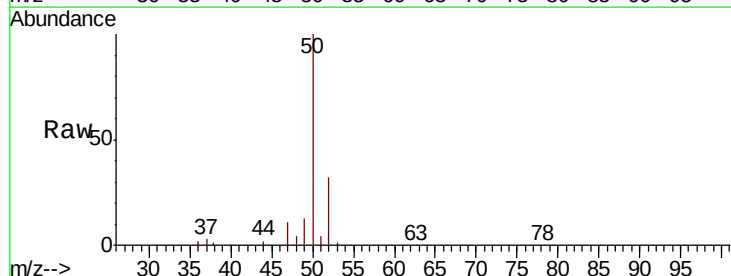
Acq: 30 Jul 2020 12:30

Tgt Ion: 50 Resp: 115445

Ion Ratio Lower Upper

50 100

52 32.1 23.6 43.8



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0

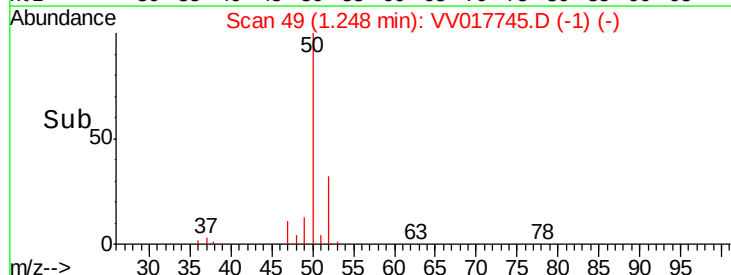
1.25

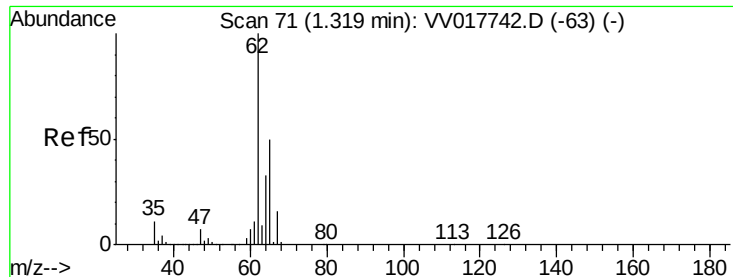
100000

50000

0

Time-->





#5

Vinyl chloride

Concen: 48.424 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017745.D

Acq: 30 Jul 2020 12:30

Instrument :

MSVOA_V

ClientSampleId :

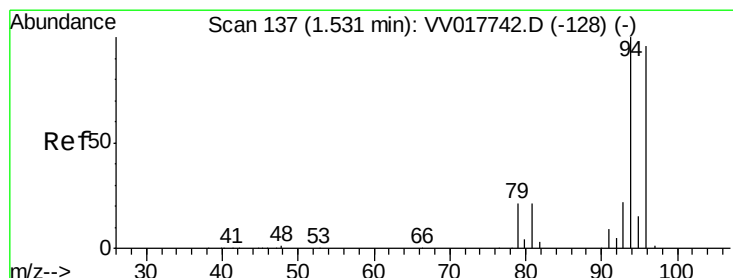
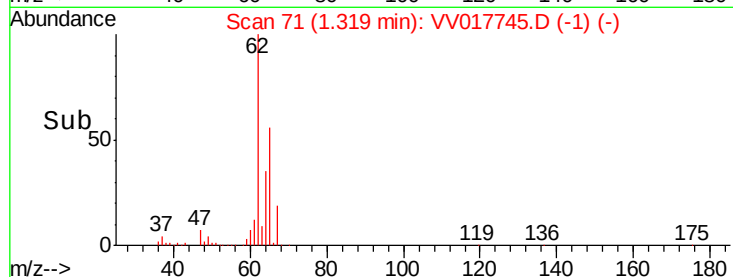
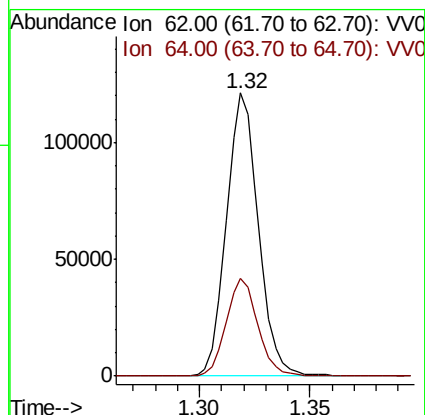
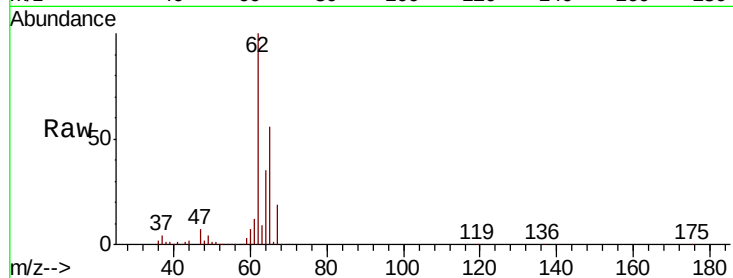
VICV66

Tot Ion: 62 Resp: 121433

Ion Ratio Lower Upper

62 100

64 34.7 22.9 42.5



#6

Bromomethane

Concen: 50.824 ug/L

RT: 1.53 min Scan# 137

Delta R.T. 0.00 min

Lab File: VV017745.D

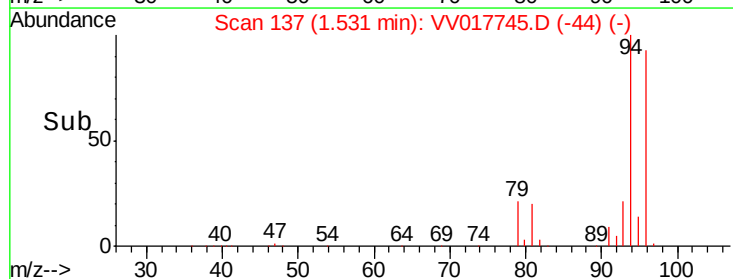
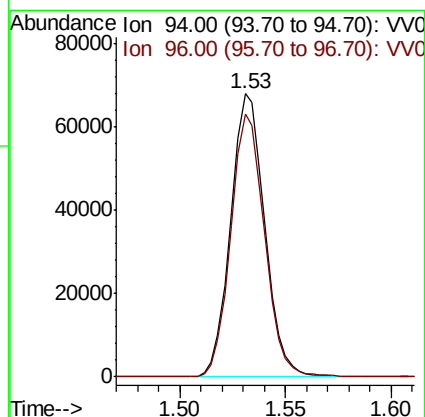
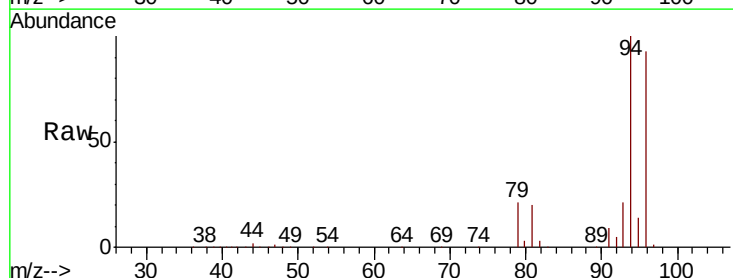
Acq: 30 Jul 2020 12:30

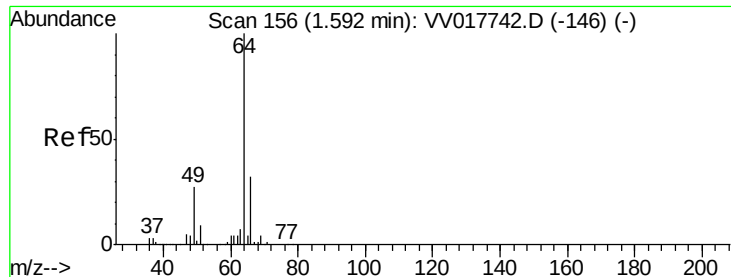
Tgt Ion: 94 Resp: 75808

Ion Ratio Lower Upper

94 100

96 92.7 66.9 124.3





#8

Chloroethane

Concen: 45.986 ug/L

RT: 1.60 min Scan# 157

Delta R.T. 0.00 min

Lab File: VV017745.D

Acq: 30 Jul 2020 12:30

Instrument :

MSVOA_V

ClientSampleId :

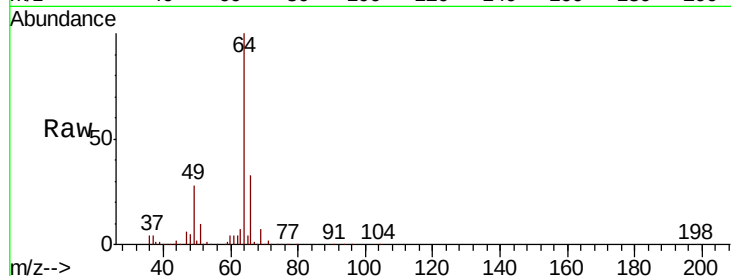
VICV66

Tot Ion: 64 Resp: 69808

Ion Ratio Lower Upper

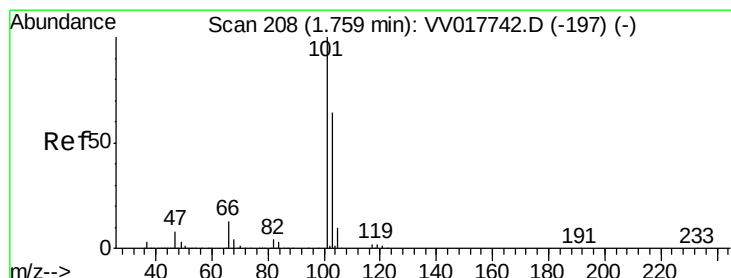
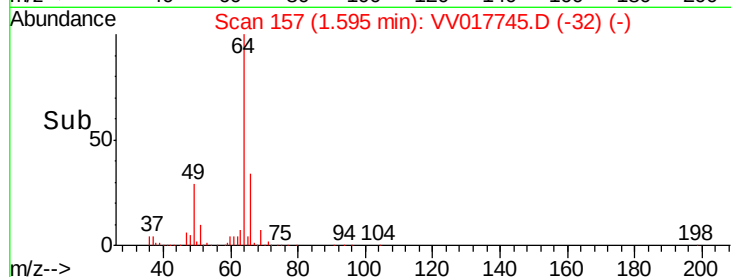
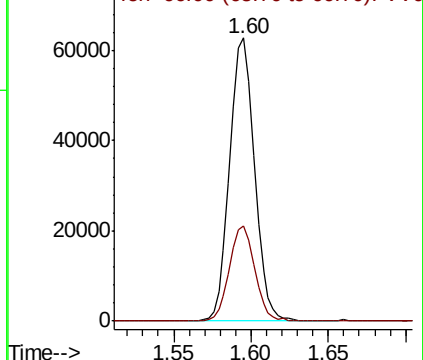
64 100

66 33.5 22.3 41.3



Abundance Ion 64.00 (63.70 to 64.70): VV017745.D (-157) (-)

Ion 66.00 (65.70 to 66.70): VV017745.D (-157) (-)



#9

Trichlorofluoromethane

Concen: 50.104 ug/L

RT: 1.76 min Scan# 209

Delta R.T. 0.00 min

Lab File: VV017745.D

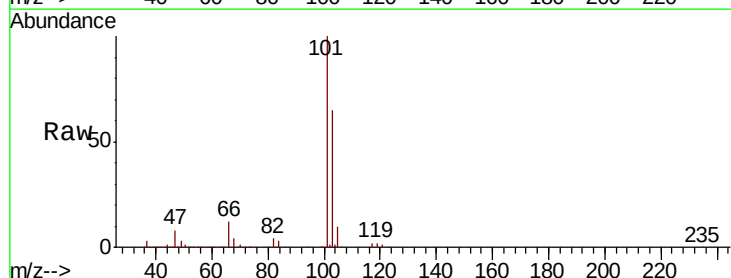
Acq: 30 Jul 2020 12:30

Tgt Ion: 101 Resp: 246783

Ion Ratio Lower Upper

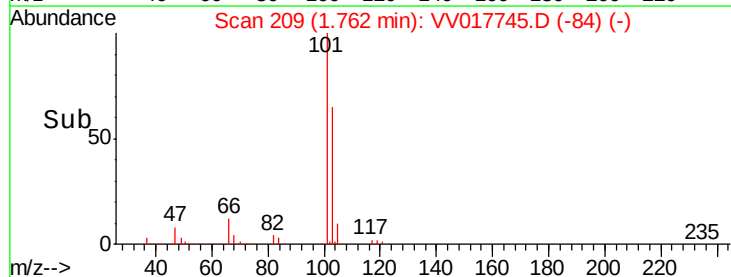
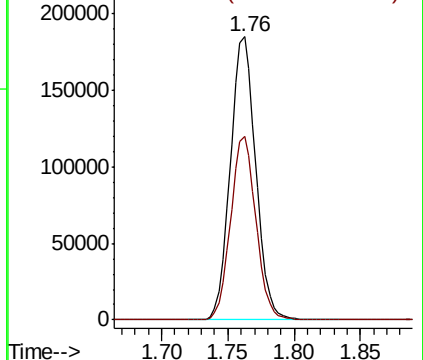
101 100

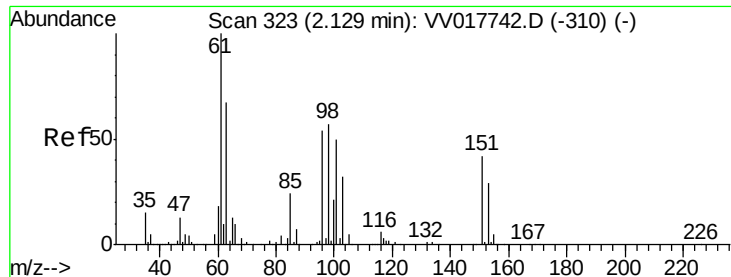
103 64.4 51.6 77.4



Abundance Ion 101.00 (100.70 to 101.70): VV017745.D (-209) (-)

Ion 103.00 (102.70 to 103.70): VV017745.D (-209) (-)





#10

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

Concen: 49.276 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV017745.D

Acq: 30 Jul 2020 12:30

Instrument :

MSVOA_V

ClientSampleId :

VICV66

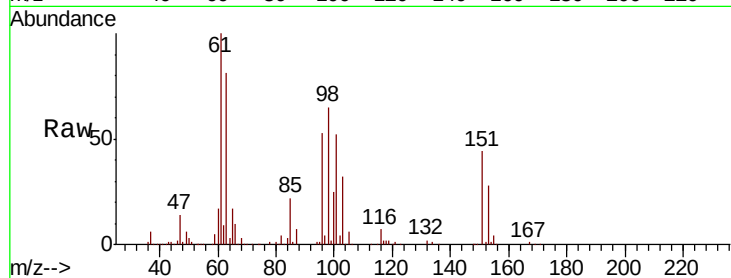
Tot Ion:101 Resp: 112294

Ion Ratio Lower Upper

101 100

85 43.8 37.2 55.8

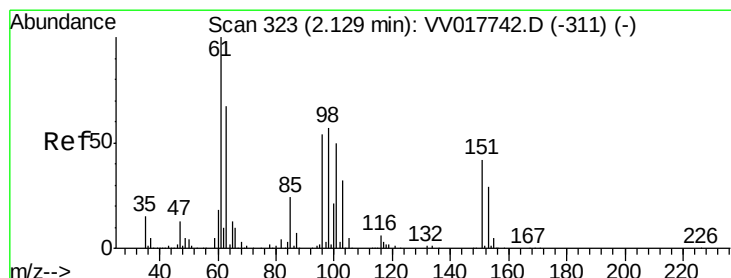
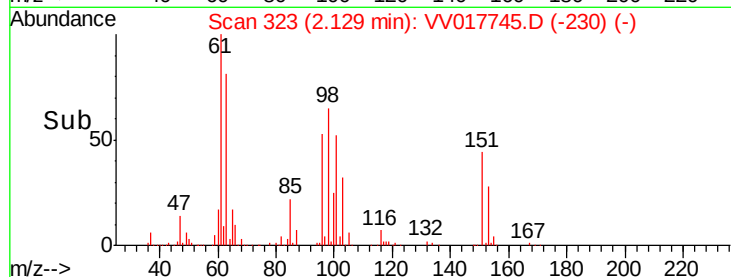
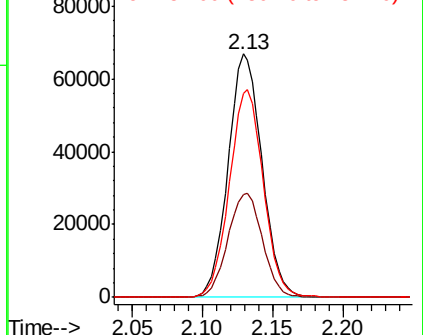
151 85.7 68.2 102.2



Abundance Ion 101.00 (100.70 to 101.70): VV017745.D (-230) (-)

Ion 85.00 (84.70 to 85.70): VV017745.D (-230) (-)

Ion 151.00 (150.70 to 151.70): VV017745.D (-230) (-)



#12

1,1-Dichloroethene

Concen: 47.308 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV017745.D

Acq: 30 Jul 2020 12:30

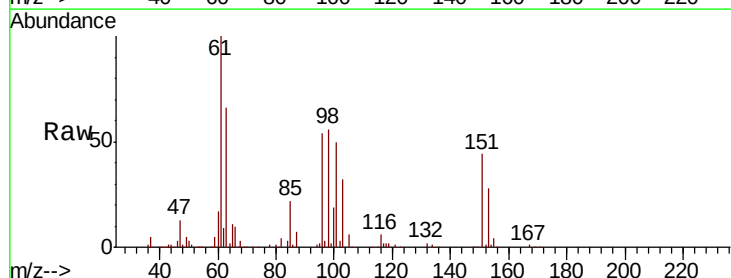
Tgt Ion: 96 Resp: 100648

Ion Ratio Lower Upper

96 100

61 186.8 131.0 243.2

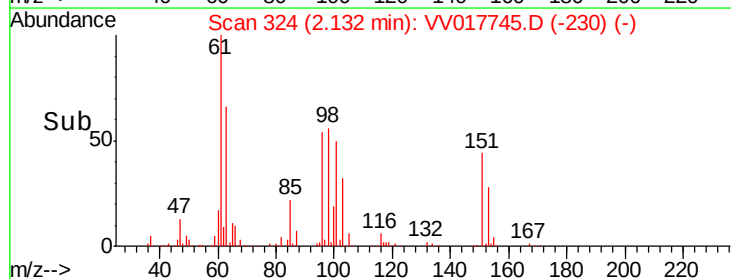
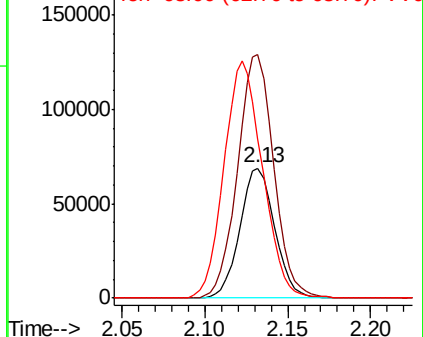
63 122.5 88.5 164.3

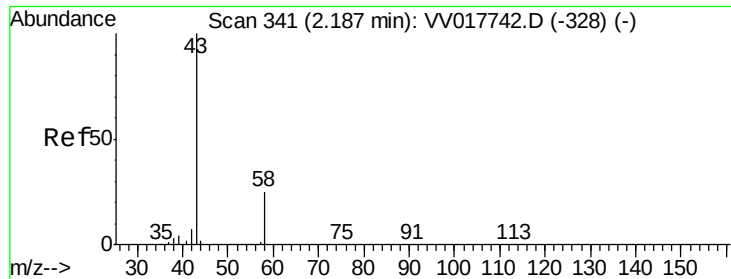


Abundance Ion 96.00 (95.70 to 96.70): VV017745.D (-230) (-)

Ion 61.00 (60.70 to 61.70): VV017745.D (-230) (-)

Ion 63.00 (62.70 to 63.70): VV017745.D (-230) (-)





#13

Acetone

Concen: 92.306 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV017745.D

Acq: 30 Jul 2020 12:30

Instrument :

MSVOA_V

ClientSampleId :

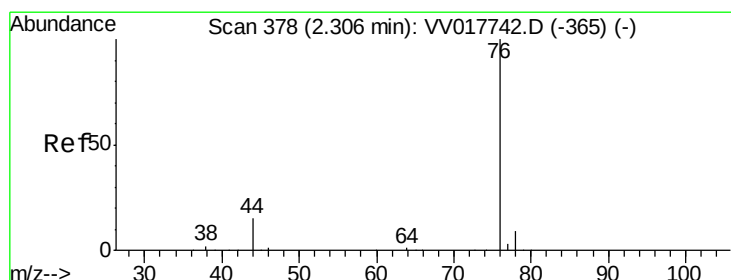
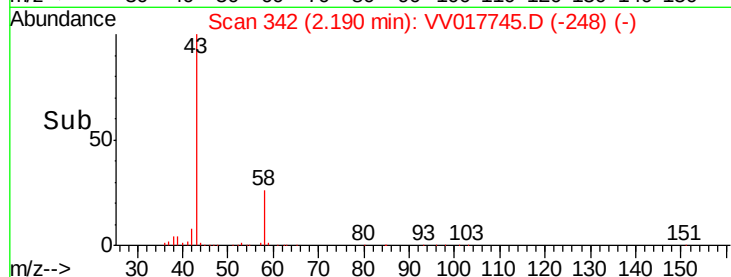
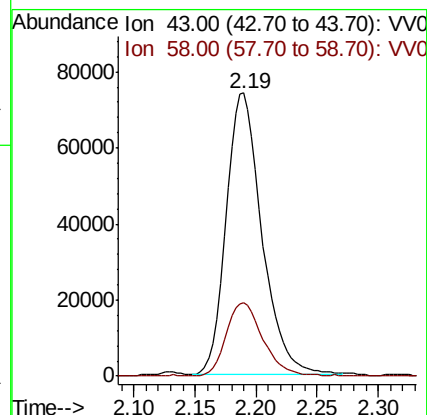
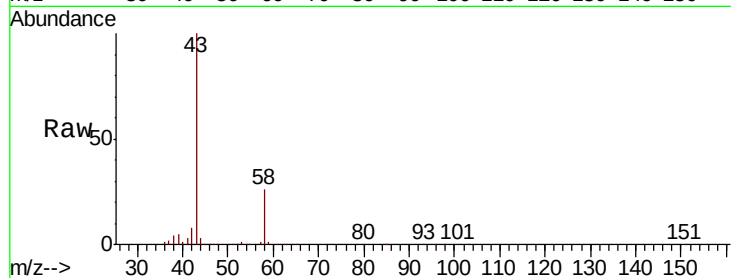
VICV66

Tot Ion: 43 Resp: 151948

Ion Ratio Lower Upper

43 100

58 26.7 0.0 52.6



#14

Carbon disulfide

Concen: 49.177 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV017745.D

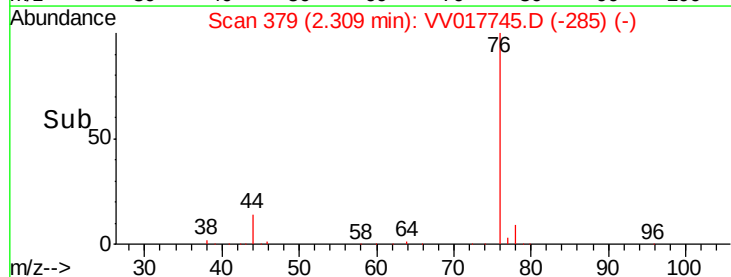
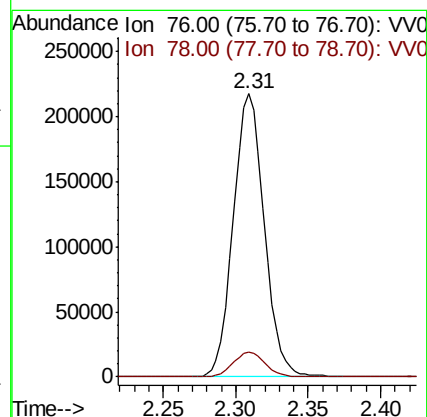
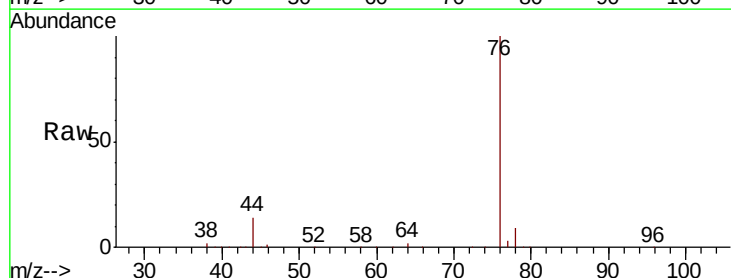
Acq: 30 Jul 2020 12:30

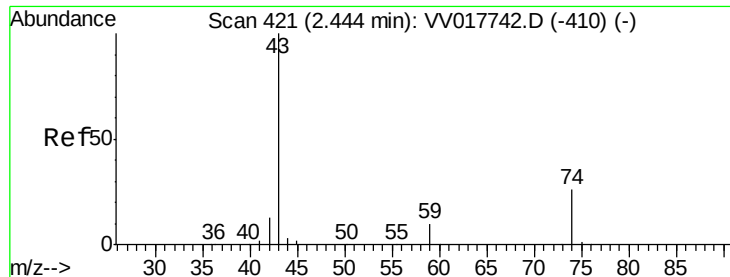
Tgt Ion: 76 Resp: 322389

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

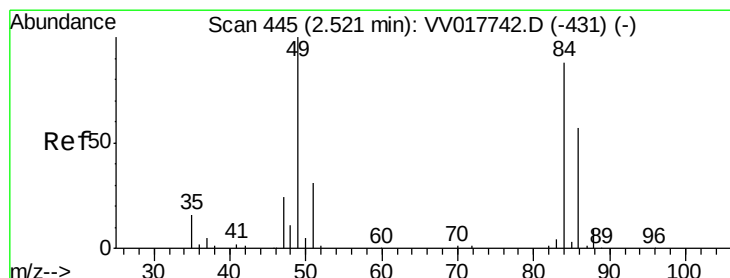
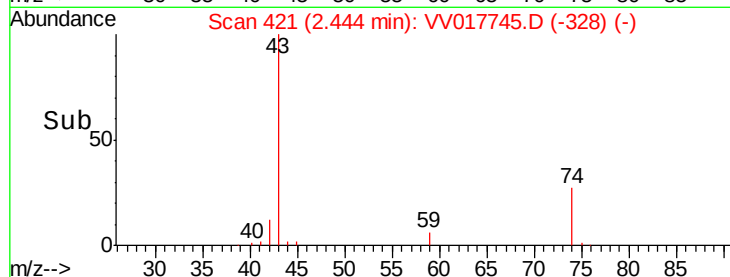
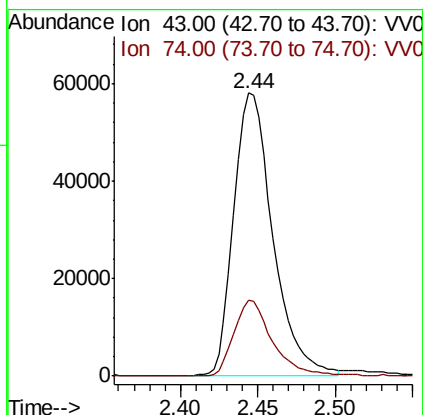
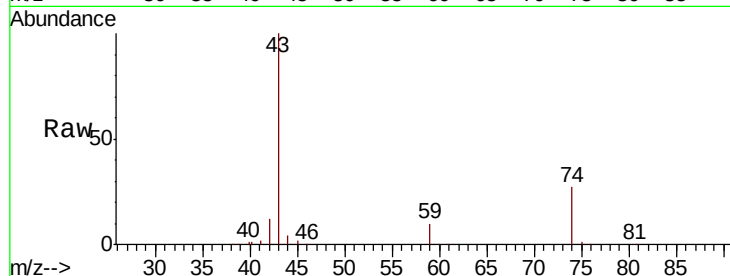




#15
Methvl Acetate
Concen: 47.435 ug/L
RT: 2.44 min Scan# 421
Delta R.T. 0.00 min
Lab File: VV017745.D
Acq: 30 Jul 2020 12:30

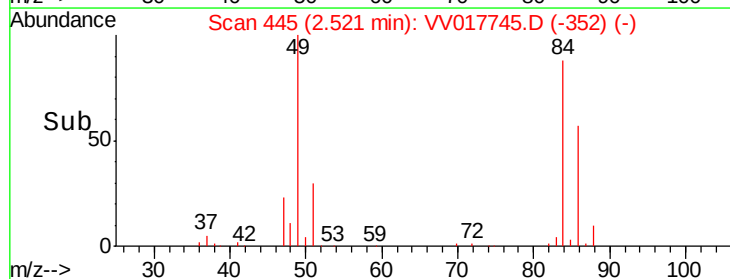
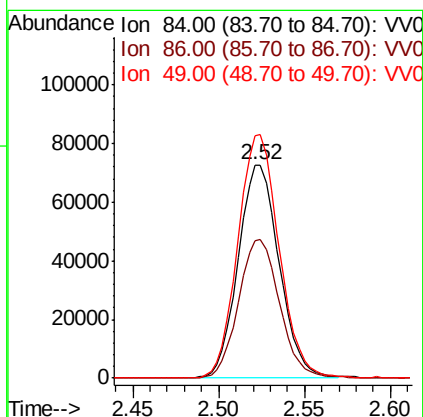
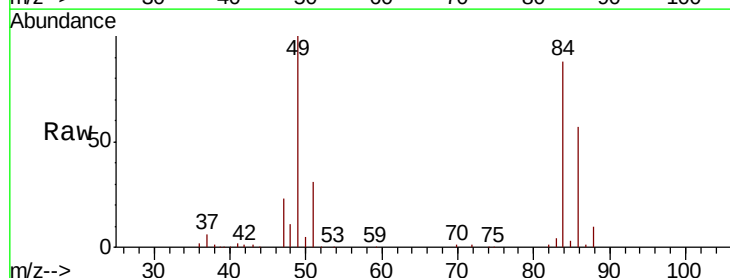
Instrument :
MSVOA_V
ClientSampleId :
VICV66

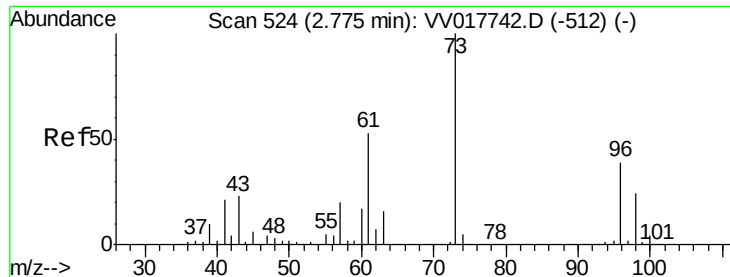
Tot Ion: 43 Resp: 101552
Ion Ratio Lower Upper
43 100
74 26.7 20.6 31.0



#16
Methylene chloride
Concen: 48.048 ug/L
RT: 2.52 min Scan# 445
Delta R.T. 0.00 min
Lab File: VV017745.D
Acq: 30 Jul 2020 12:30

Tgt Ion: 84 Resp: 120536
Ion Ratio Lower Upper
84 100
86 64.6 45.4 84.4
49 113.8 79.2 147.2





#17

trans-1,2-Dichloroethene

Concen: 47.863 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV017745.D

Acq: 30 Jul 2020 12:30

Instrument :

MSVOA_V

ClientSampleId :

VICV66

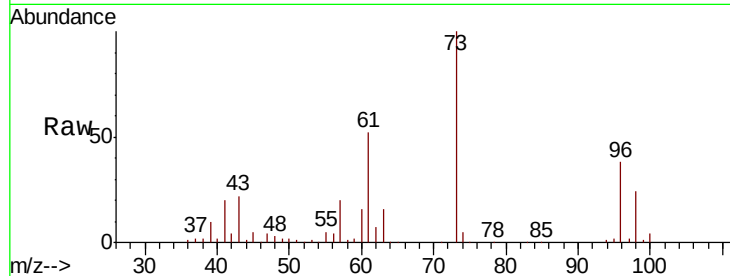
Tot Ion: 96 Resp: 114820

Ion Ratio Lower Upper

96 100

61 136.7 96.2 178.8

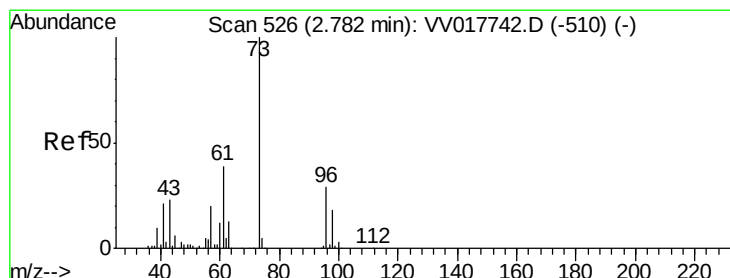
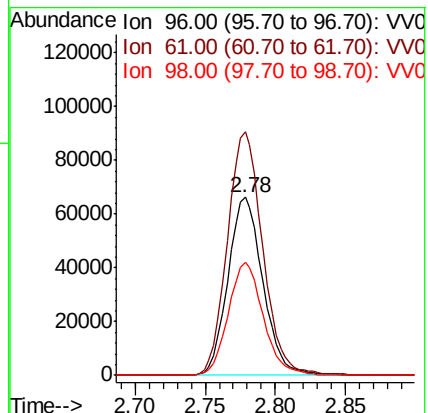
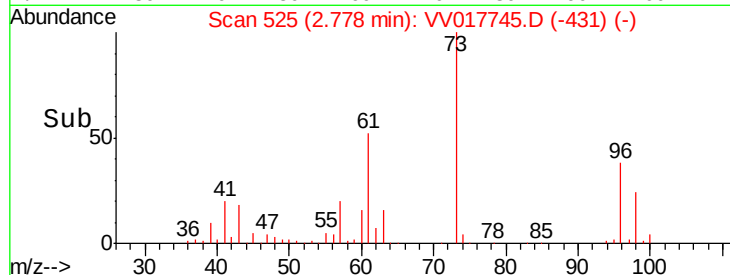
98 63.4 43.2 80.2



Abundance Ion 96.00 (95.70 to 96.70): VV017745.D (-431) (-)

Ion 61.00 (60.70 to 61.70): VV017745.D (-431) (-)

Ion 98.00 (97.70 to 98.70): VV017745.D (-431) (-)



#18

Methyl tert-butyl Ether

Concen: 50.365 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.00 min

Lab File: VV017745.D

Acq: 30 Jul 2020 12:30

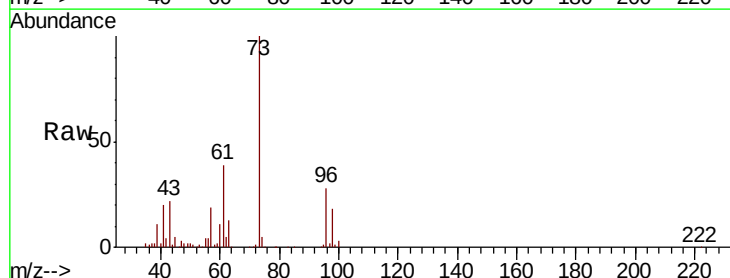
Tgt Ion: 73 Resp: 397132

Ion Ratio Lower Upper

73 100

43 21.8 18.1 27.1

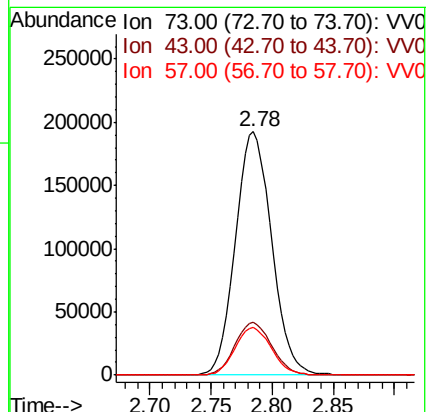
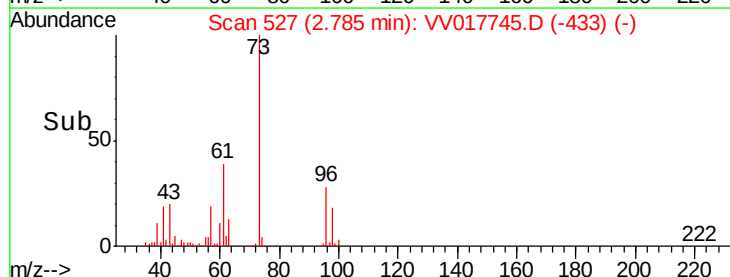
57 19.8 16.0 24.0

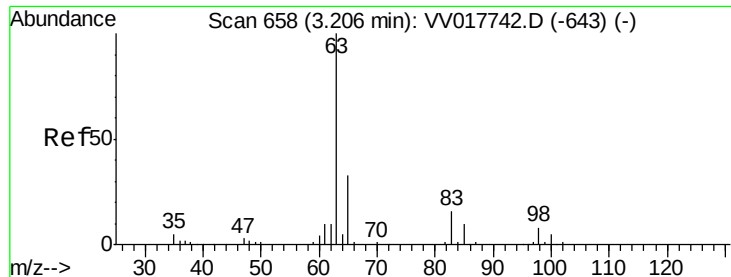


Abundance Ion 73.00 (72.70 to 73.70): VV017745.D (-433) (-)

Ion 43.00 (42.70 to 43.70): VV017745.D (-433) (-)

Ion 57.00 (56.70 to 57.70): VV017745.D (-433) (-)

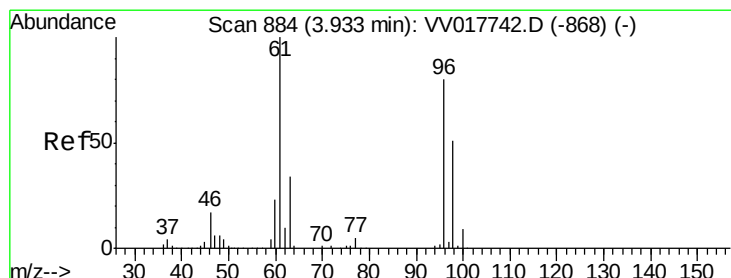
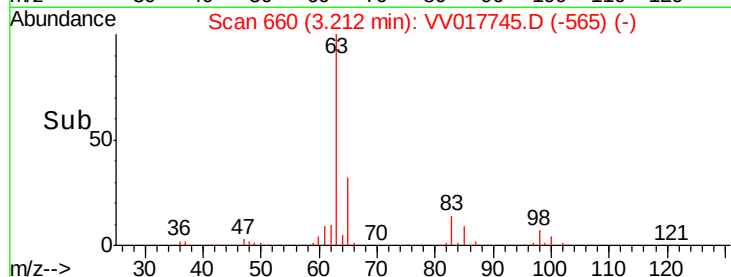
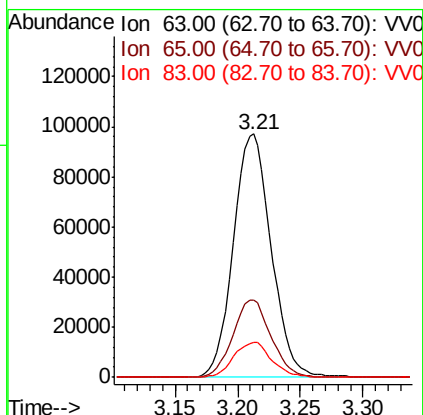
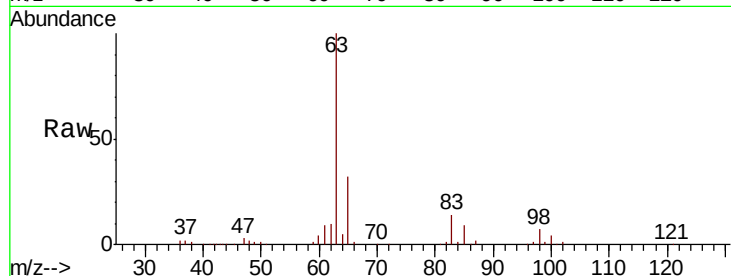




#19
 1,1-Dichloroethane
 Concen: 48.651 ug/L
 RT: 3.21 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: VV017745.D
 Acq: 30 Jul 2020 12:30

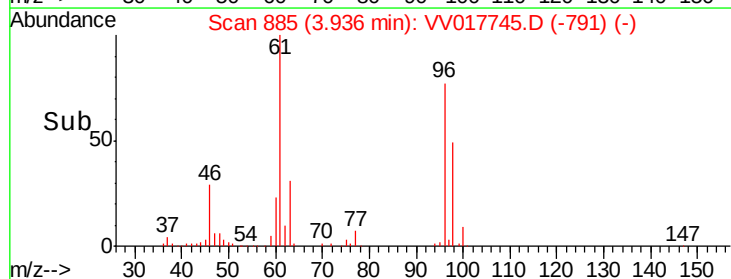
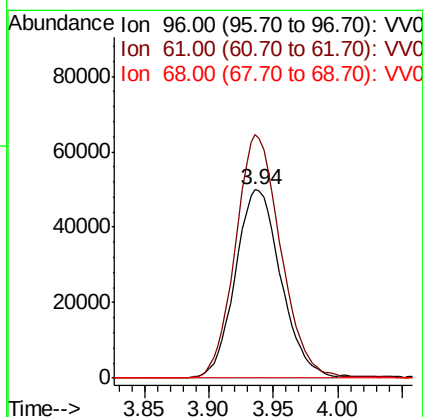
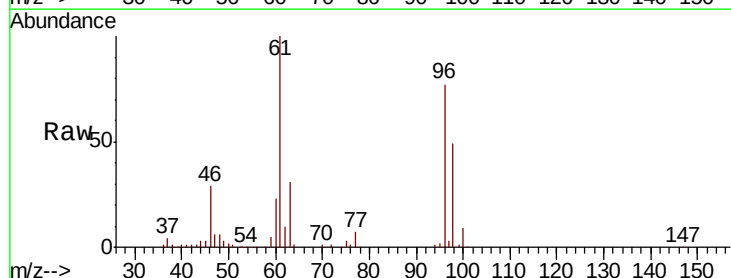
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV66

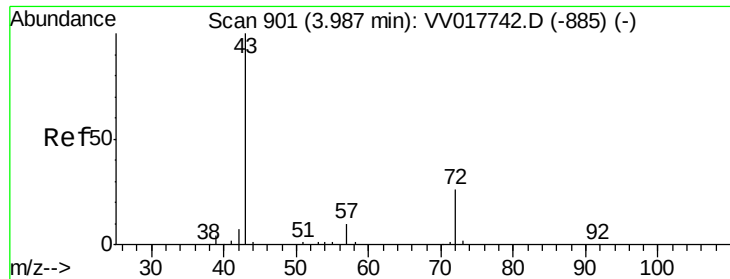
Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.8	42.4
83	14.4	11.0	20.4



#20
 cis-1,2-Dichloroethene
 Concen: 48.008 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV017745.D
 Acq: 30 Jul 2020 12:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	129.2	87.3	162.1
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 106.070 ug/L

RT: 3.99 min Scan# 902

Delta R.T. 0.00 min

Lab File: VV017745.D

Acq: 30 Jul 2020 12:30

Instrument :

MSVOA_V

ClientSampleId :

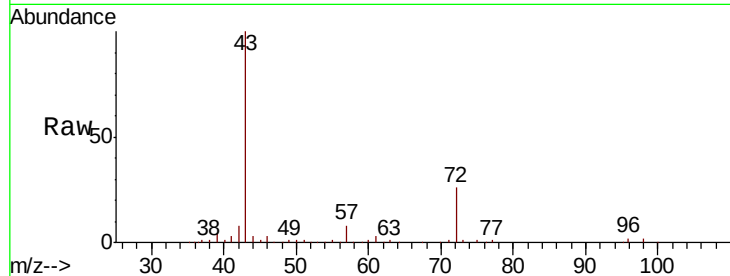
VICV66

Tot Ion: 43 Resp: 162189

Ion Ratio Lower Upper

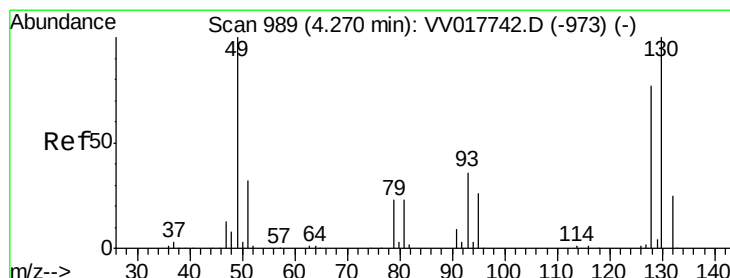
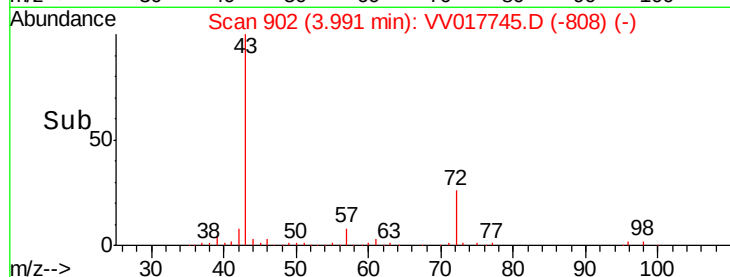
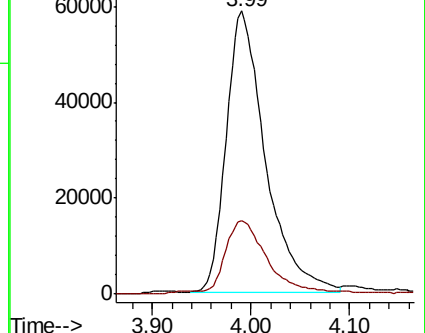
43 100

72 26.5 13.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VV017745.D (-885) (-)

Ion 72.00 (71.70 to 72.70): VV017745.D (-885) (-)



#23

Bromochloromethane

Concen: 47.914 ug/L

RT: 4.27 min Scan# 990

Delta R.T. 0.00 min

Lab File: VV017745.D

Acq: 30 Jul 2020 12:30

Tgt Ion:128 Resp: 69362

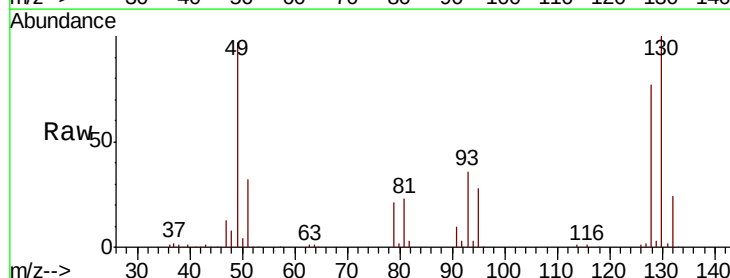
Ion Ratio Lower Upper

128 100

49 125.5 90.4 168.0

130 129.2 90.5 168.1

51 41.8 32.7 49.1

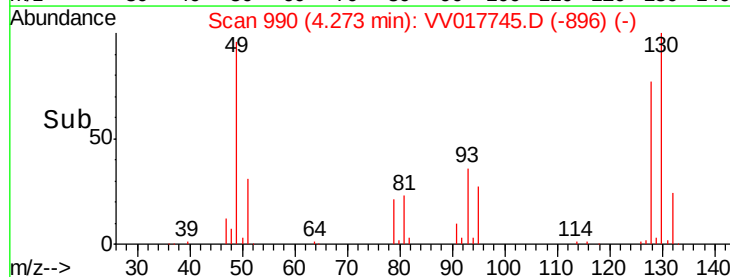
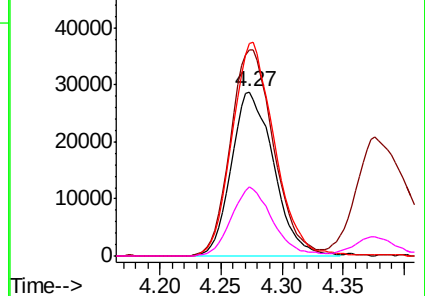


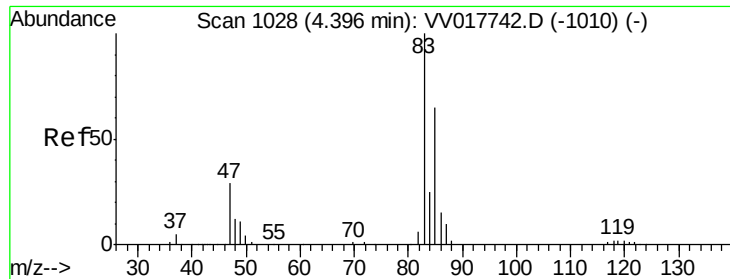
Abundance Ion 128.00 (127.70 to 128.70): VV017745.D (-896) (-)

Ion 49.00 (48.70 to 49.70): VV017745.D (-896) (-)

Ion 130.00 (129.70 to 130.70): VV017745.D (-896) (-)

Ion 51.00 (50.70 to 51.70): VV017745.D (-896) (-)

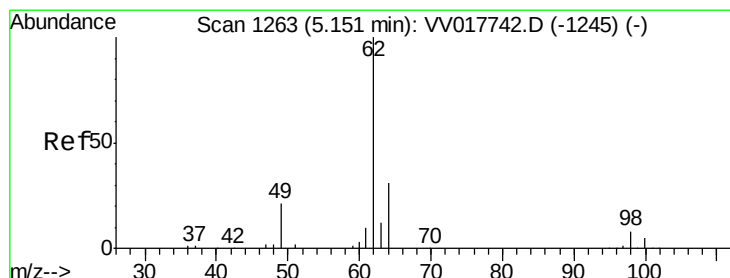
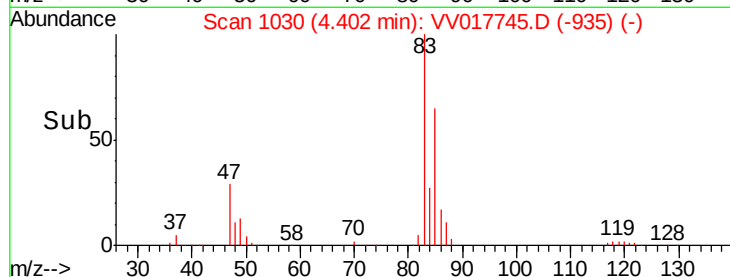
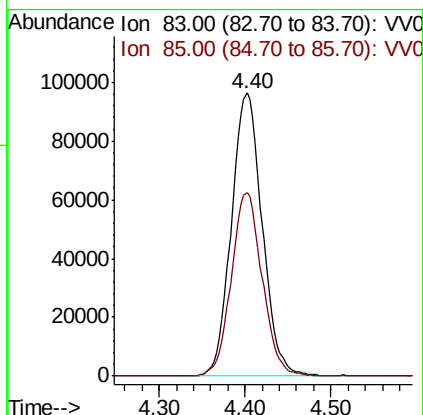
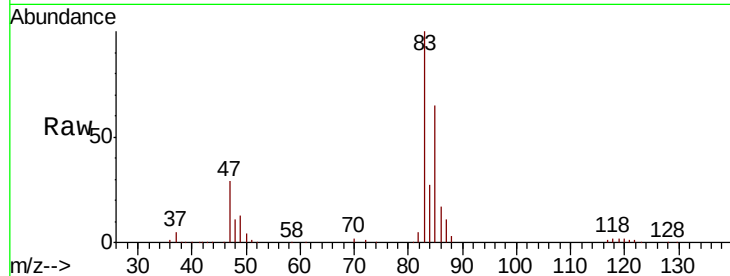




#25
Chloroform
Concen: 49.457 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.01 min
Lab File: VV017745.D
Acq: 30 Jul 2020 12:30

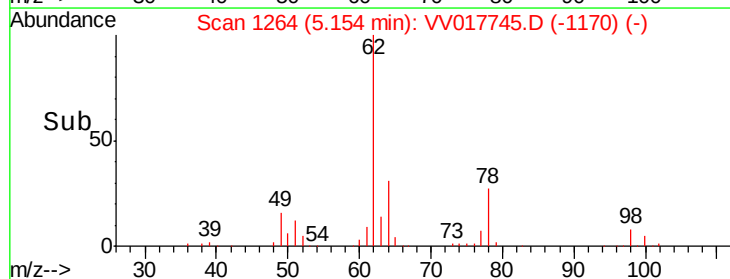
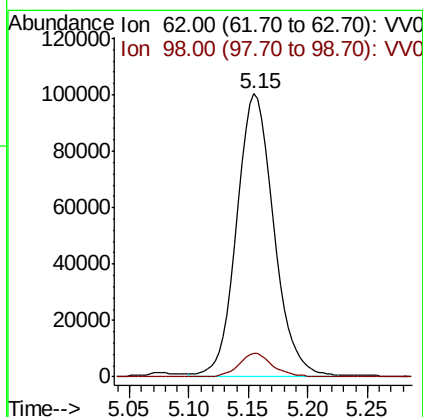
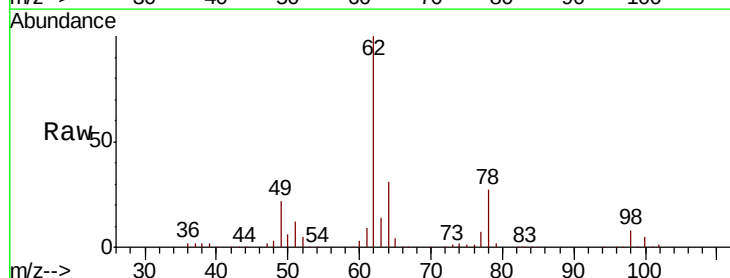
Instrument :
MSVOA_V
ClientSampled :
VICV66

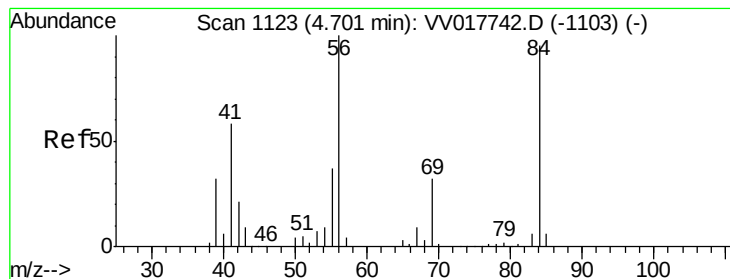
Tot Ion: 83 Resp: 239933
Ion Ratio Lower Upper
83 100
85 65.0 45.7 84.9



#27
1,2-Dichloroethane
Concen: 50.744 ug/L
RT: 5.15 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VV017745.D
Acq: 30 Jul 2020 12:30

Tgt Ion: 62 Resp: 218441
Ion Ratio Lower Upper
62 100
98 8.4 6.0 9.0

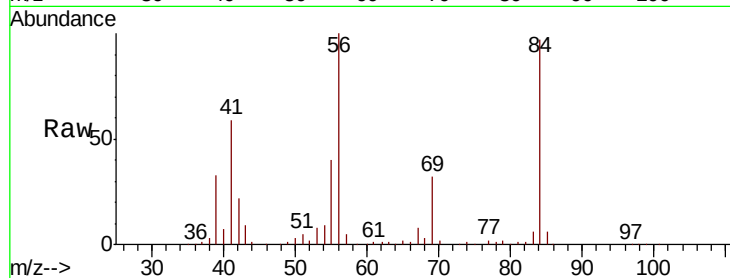




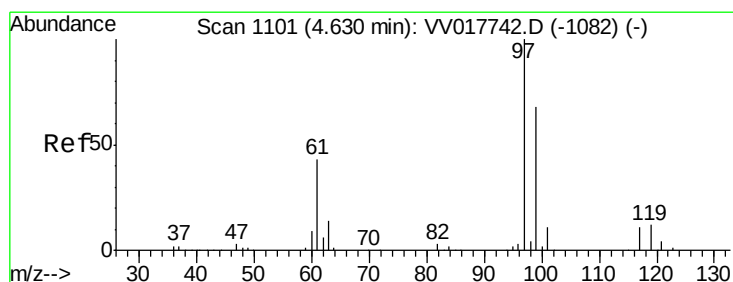
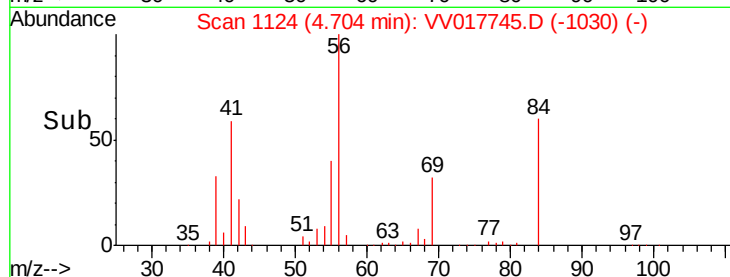
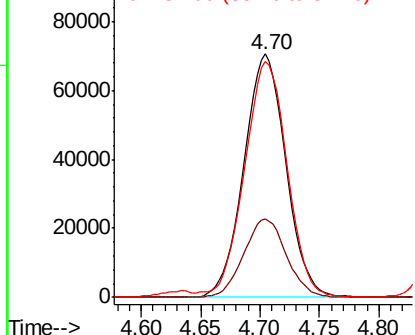
#29
Cyclohexane
Concen: 50.155 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VV017745.D
Acq: 30 Jul 2020 12:30

Instrument :
MSVOA_V
ClientSampleId :
VICV66

Tot Ion: 56 Resp: 172761
Ion Ratio Lower Upper
56 100
69 32.7 26.1 39.1
84 98.4 76.6 114.8

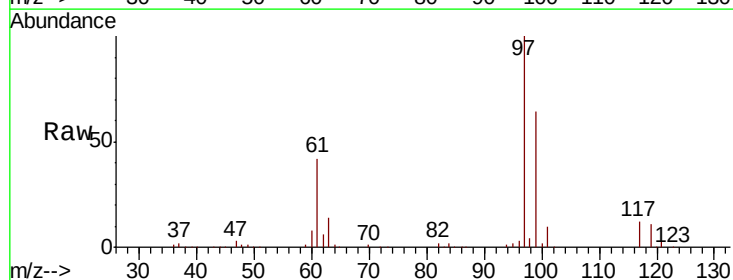


Abundance Ion 56.00 (55.70 to 56.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 84.00 (83.70 to 84.70): VV0

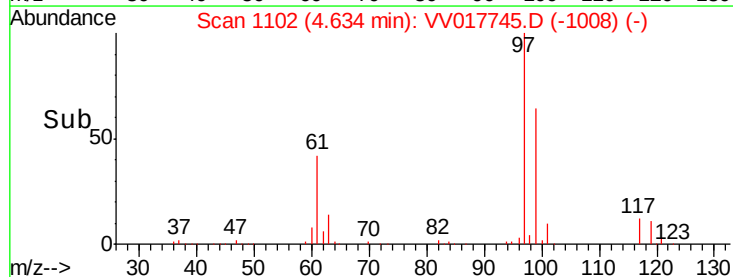
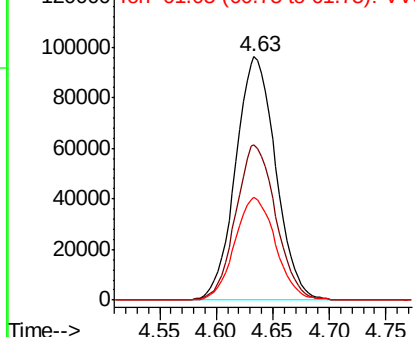


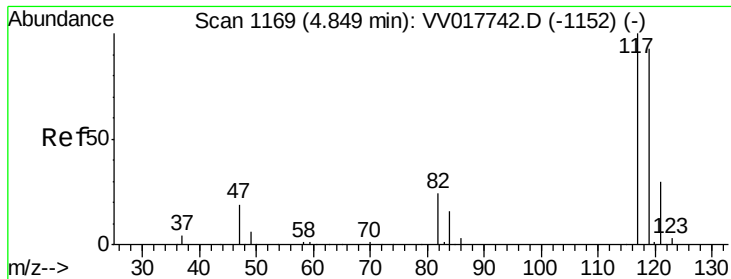
#30
1,1,1-Trichloroethane
Concen: 48.516 ug/L
RT: 4.63 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV017745.D
Acq: 30 Jul 2020 12:30

Tgt Ion: 97 Resp: 237834
Ion Ratio Lower Upper
97 100
99 63.7 52.0 78.0
61 43.0 34.1 51.1



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: 49.325 ug/L

RT: 4.85 min Scan# 1170

Delta R.T. 0.00 min

Lab File: VV017745.D

Acq: 30 Jul 2020 12:30

Instrument :

MSVOA_V

ClientSampled :

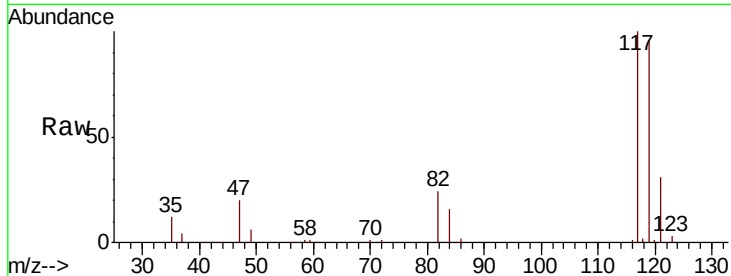
VICV66

Tot Ion:117 Resp: 220393

Ion Ratio Lower Upper

117 100

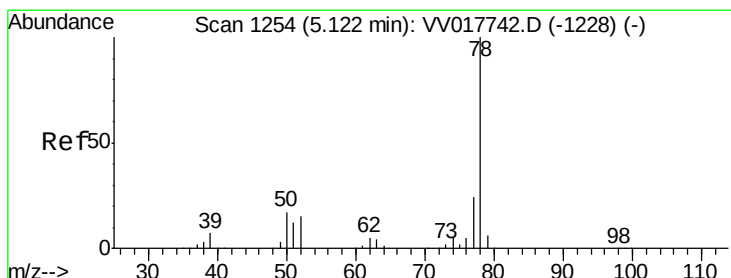
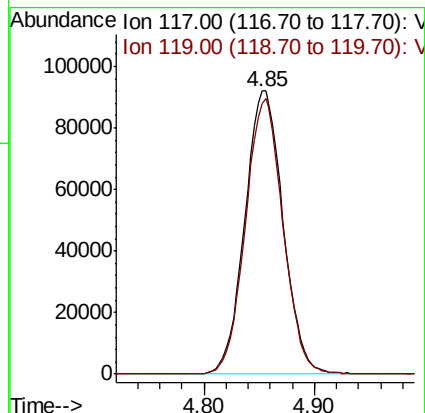
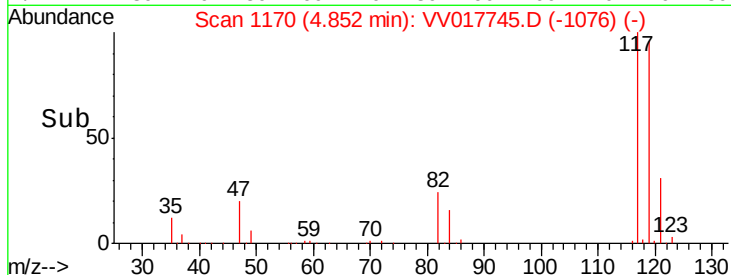
119 95.5 77.6 116.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

4.85



#33

Benzene

Concen: 48.760 ug/L

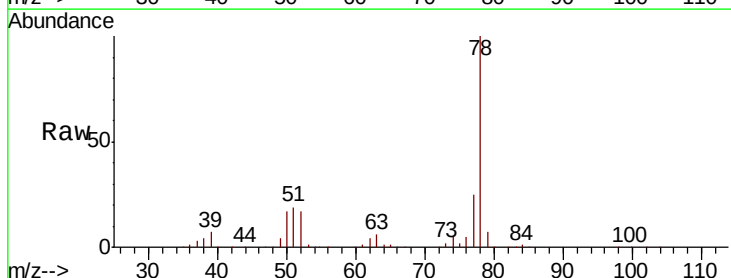
RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VV017745.D

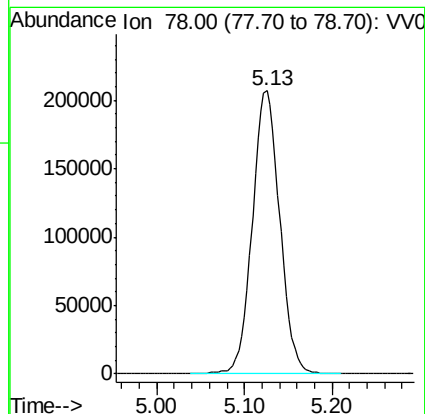
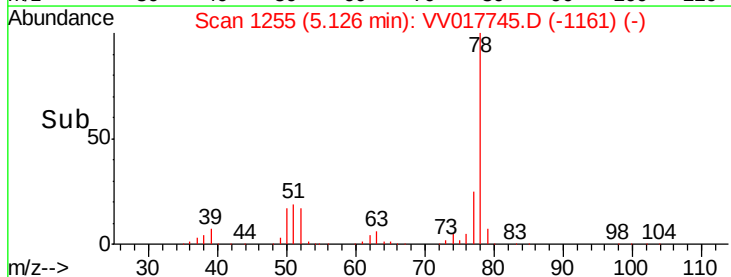
Acq: 30 Jul 2020 12:30

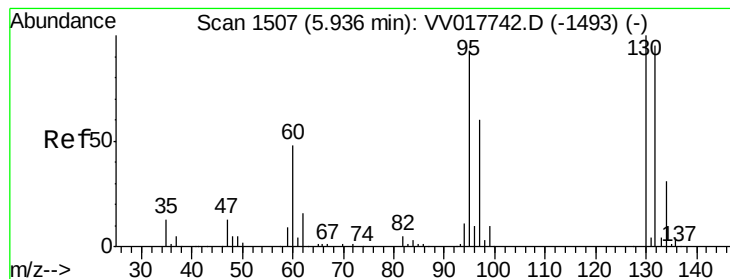
Tgt Ion: 78 Resp: 449682



Abundance Ion 78.00 (77.70 to 78.70): VV0

5.13





#34

Trichloroethene

Concen: 49.459 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV017745.D

Acq: 30 Jul 2020 12:30

Instrument :

MSVOA_V

ClientSampled :

VICV66

Tot Ion: 95 Resp: 129639

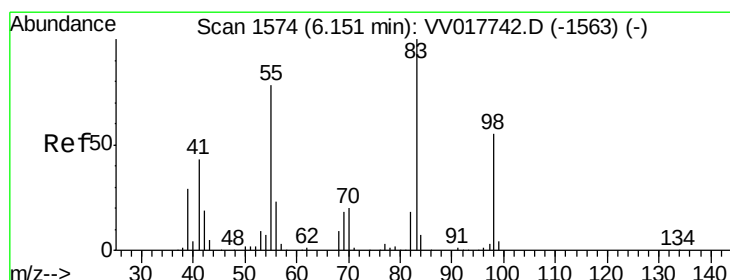
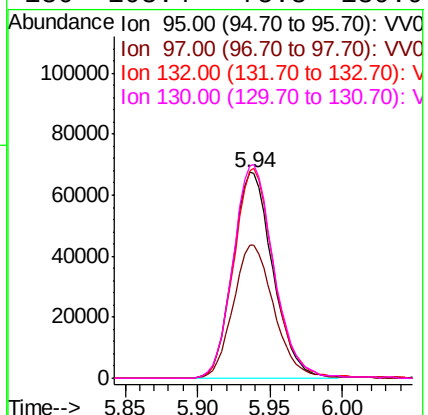
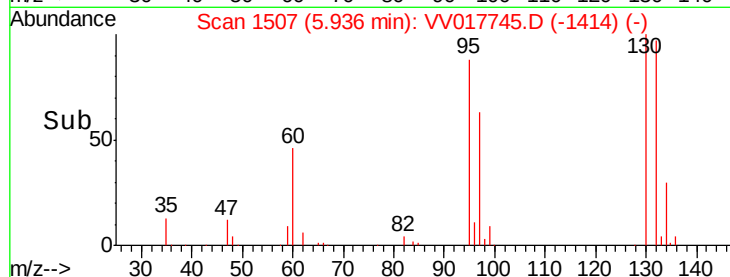
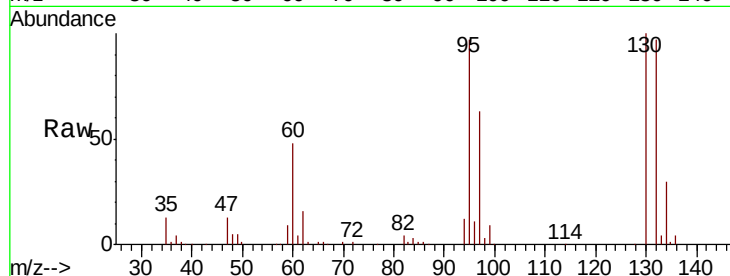
Ion Ratio Lower Upper

95 100

97 64.9 45.3 84.1

132 100.5 71.4 132.6

130 103.4 75.3 139.9



#35

Methylcyclohexane

Concen: 50.381 ug/L

RT: 6.15 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VV017745.D

Acq: 30 Jul 2020 12:30

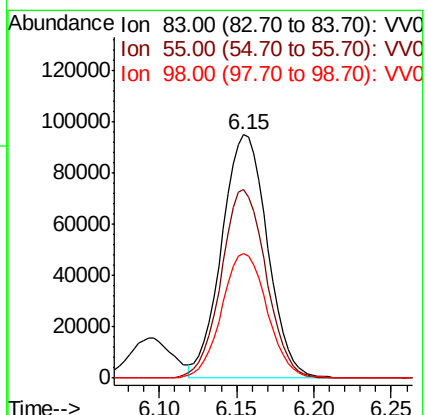
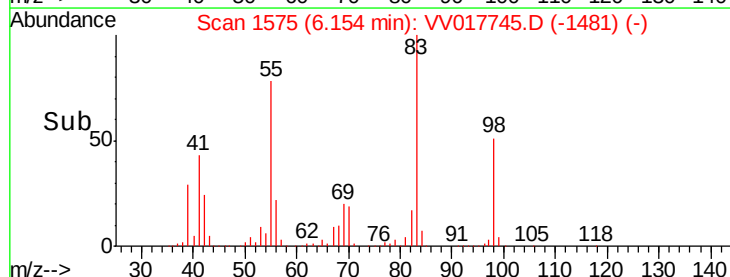
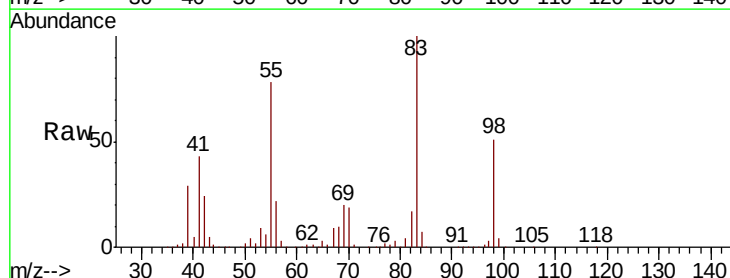
Tgt Ion: 83 Resp: 193719

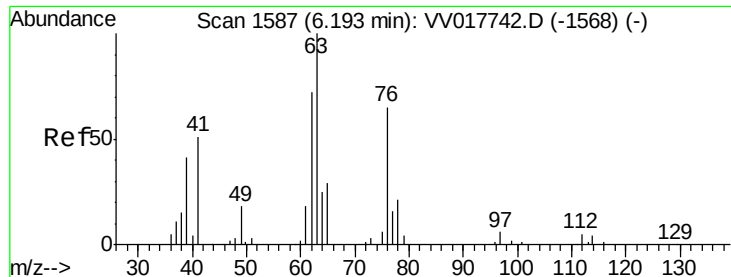
Ion Ratio Lower Upper

83 100

55 76.6 59.4 89.2

98 51.3 41.2 61.8

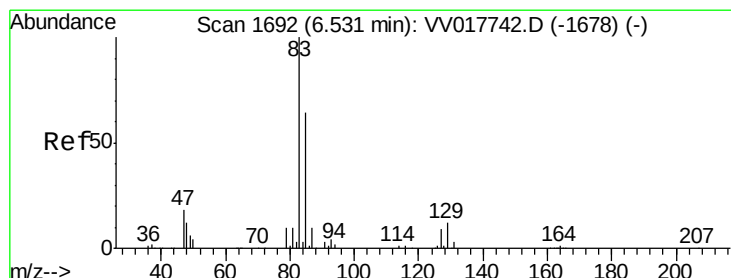
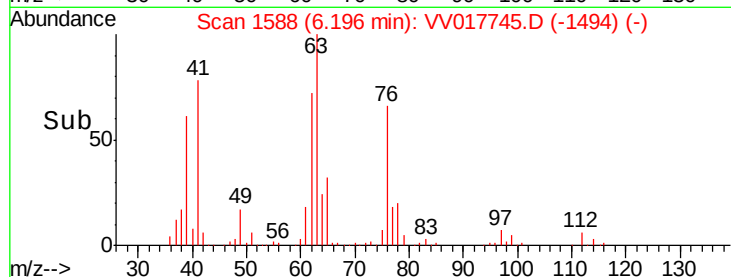
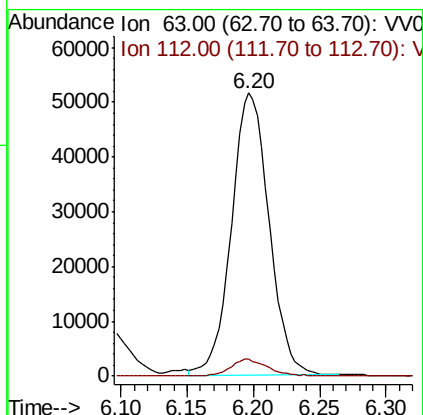
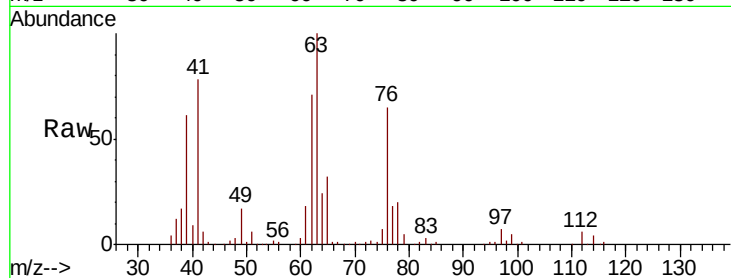




#37
 1,2-Dichloropropane
 Concen: 47.999 ug/L
 RT: 6.20 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: VV017745.D
 Acq: 30 Jul 2020 12:30

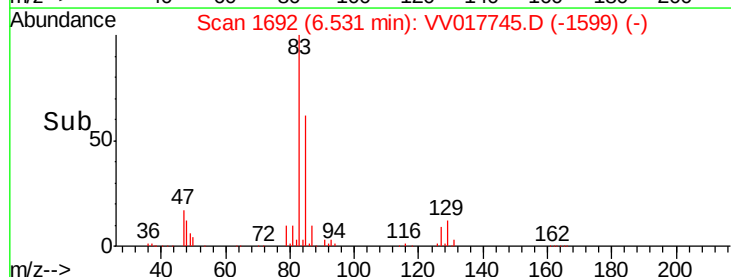
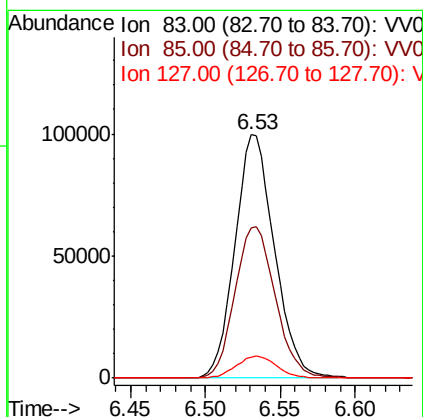
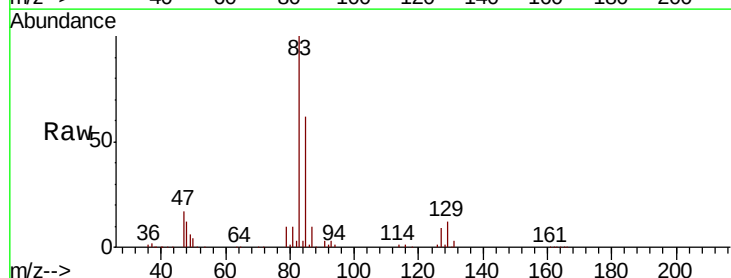
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV66

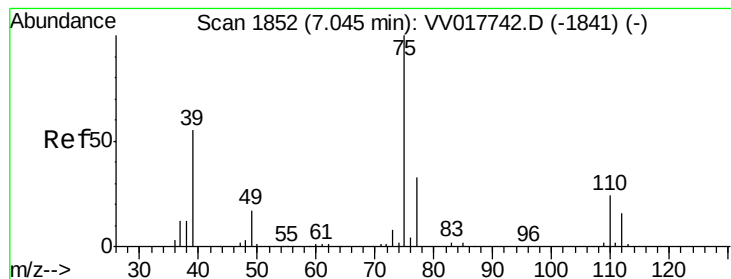
Tot Ion: 63 Resp: 101461
 Ion Ratio Lower Upper
 63 100
 112 6.0 4.6 6.8



#38
 Bromodichloromethane
 Concen: 48.788 ug/L
 RT: 6.53 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VV017745.D
 Acq: 30 Jul 2020 12:30

Tgt Ion: 83 Resp: 183419
 Ion Ratio Lower Upper
 83 100
 85 61.6 44.8 83.2
 127 8.8 7.4 11.0



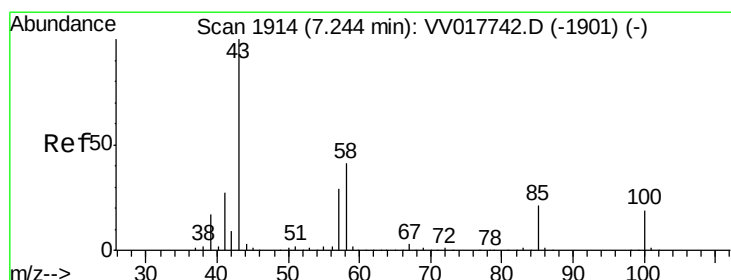
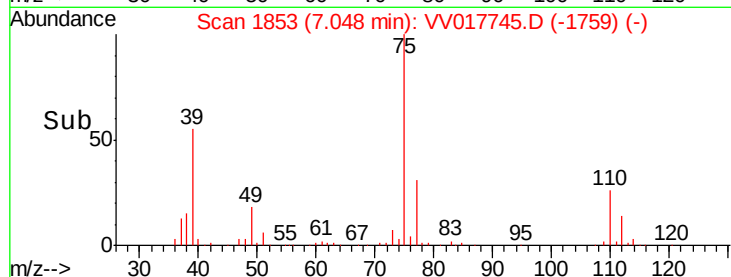
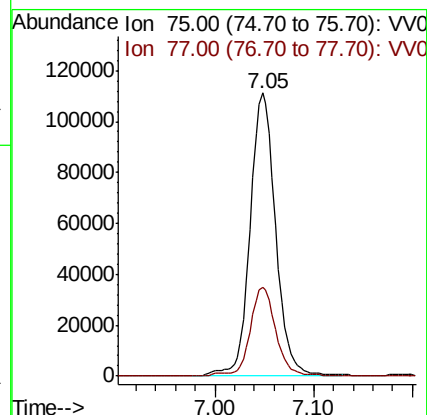
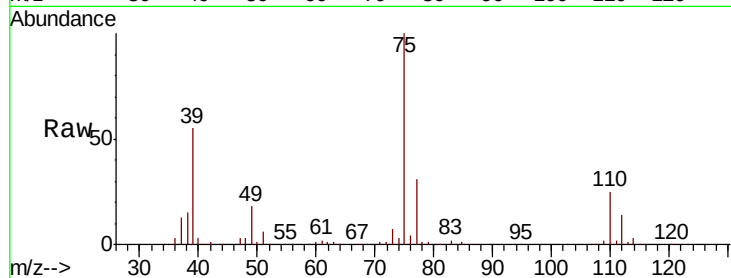


#39

cis-1,3-Dichloropropene
Concen: 51.273 ug/L
RT: 7.05 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VV017745.D
Acq: 30 Jul 2020 12:30

Instrument :
MSVOA_V
ClientSampled :
VICV66

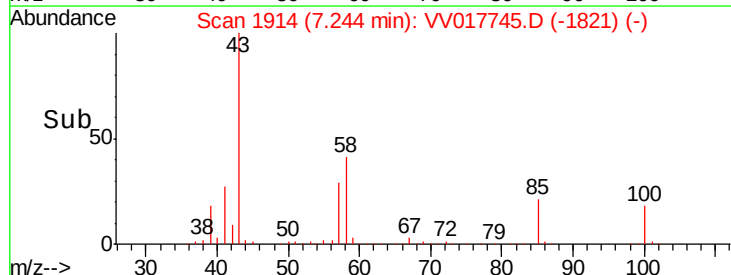
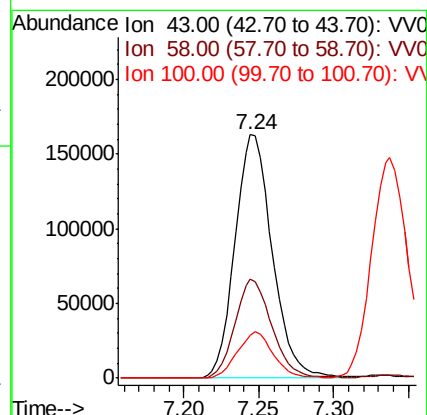
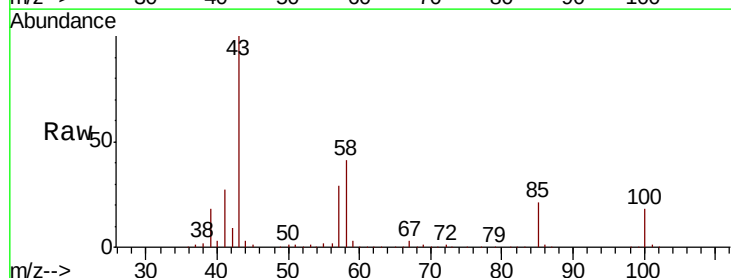
Tot Ion: 75 Resp: 199021
Ion Ratio Lower Upper
75 100
77 31.4 23.2 43.0

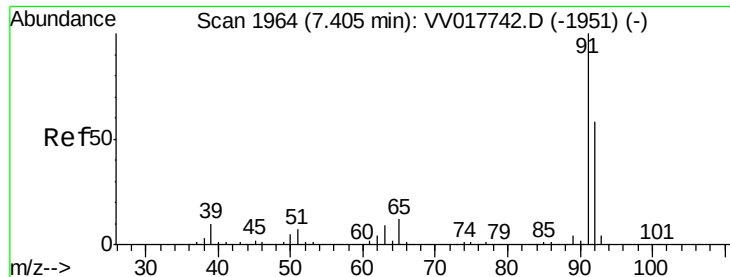


#40

4-Methyl-2-pentanone
Concen: 97.997 ug/L
RT: 7.24 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VV017745.D
Acq: 30 Jul 2020 12:30

Tgt Ion: 43 Resp: 282327
Ion Ratio Lower Upper
43 100
58 40.3 32.4 48.6
100 18.4 14.9 22.3





#42

Toluene

Concen: 49.920 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV017745.D

Acq: 30 Jul 2020 12:30

Instrument :

MSVOA_V

ClientSampleId :

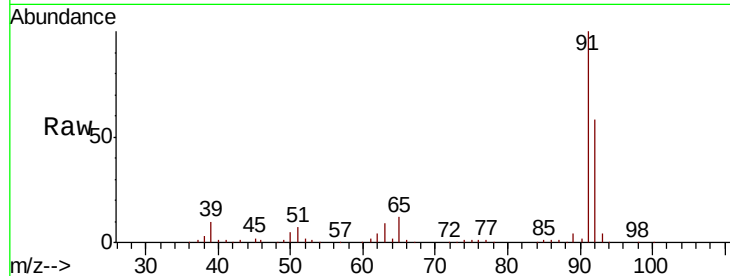
VICV66

Tot Ion: 91 Resp: 511433

Ion Ratio Lower Upper

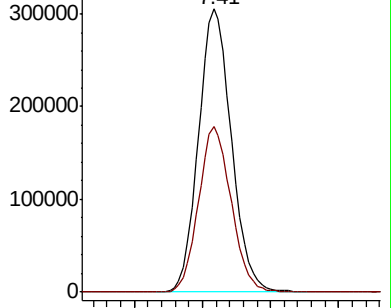
91 100

92 58.4 40.9 75.9

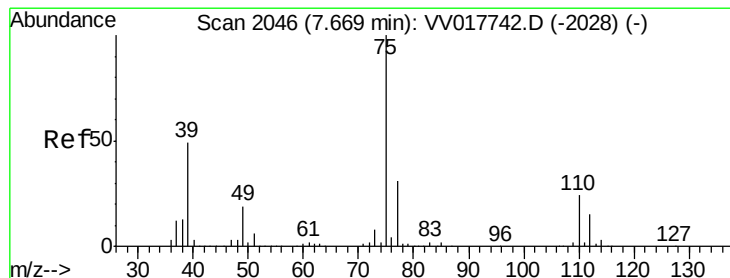
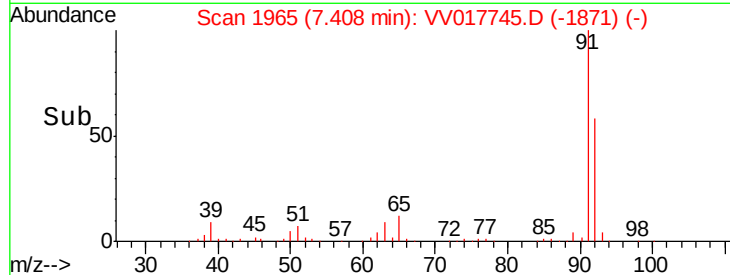


Abundance Ion 91.00 (90.70 to 91.70): VV017742.D (-1951) (-)

Ion 92.00 (91.70 to 92.70): VV017745.D (-1953) (-)



Time-->



#44

trans-1,3-Dichloropropene

Concen: 51.071 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VV017745.D

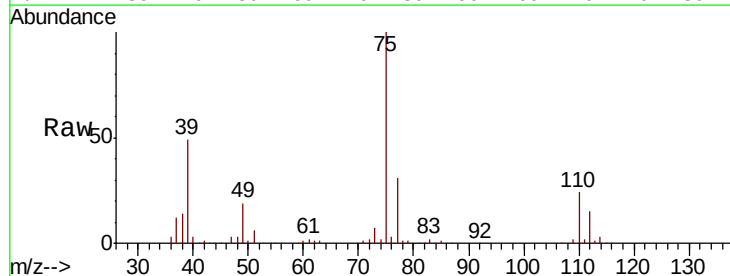
Acq: 30 Jul 2020 12:30

Tgt Ion: 75 Resp: 203448

Ion Ratio Lower Upper

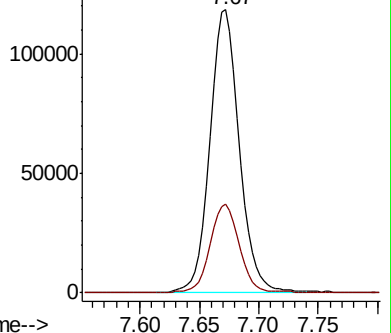
75 100

77 31.2 21.8 40.6

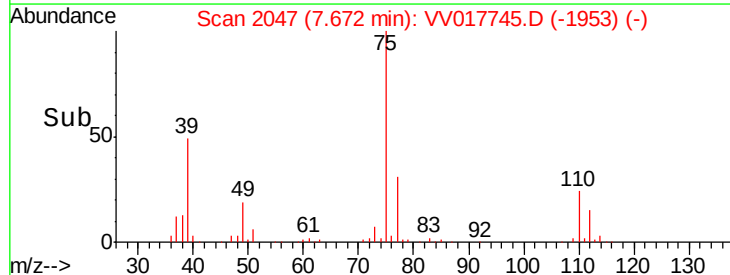


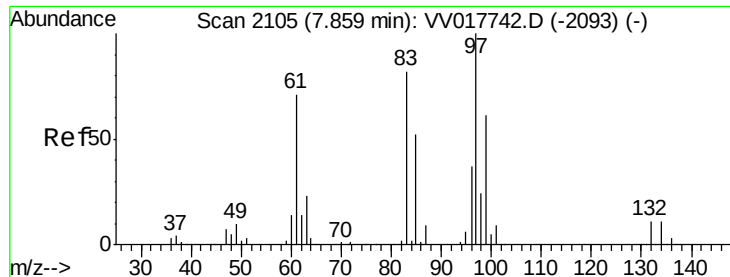
Abundance Ion 75.00 (74.70 to 75.70): VV017742.D (-2028) (-)

Ion 77.00 (76.70 to 77.70): VV017745.D (-1953) (-)



Time-->

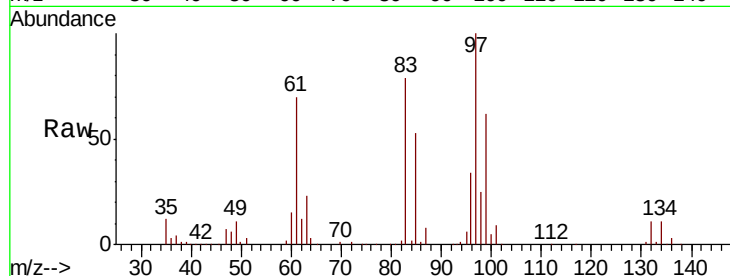




#45
 1,1,2-Trichloroethane
 Concen: 48.819 ug/L
 RT: 7.86 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: VV017745.D
 Acq: 30 Jul 2020 12:30

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV66

Tot Ion:	97	Resp:	117530
Ion	Ratio	Lower	Upper
97	100		
99	61.7	43.0	80.0
83	78.8	57.3	106.5
85	53.2	36.6	68.0



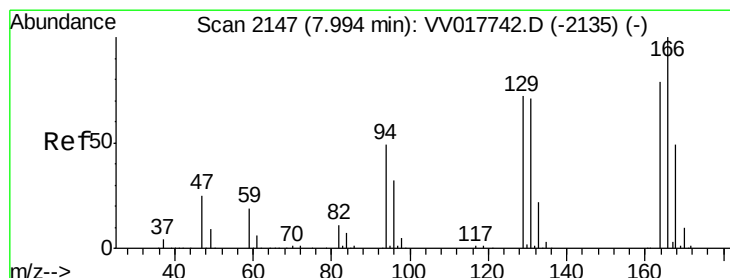
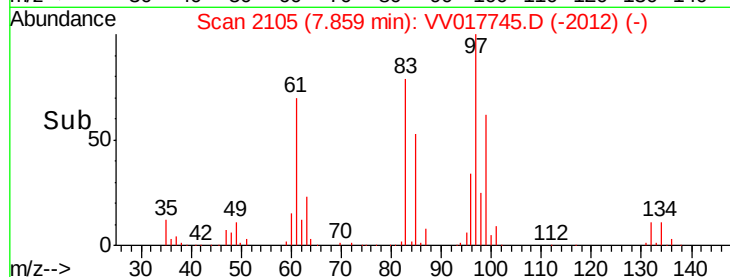
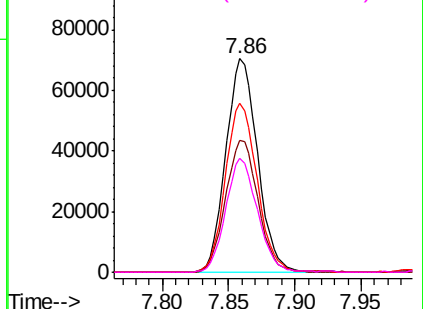
Abundance

Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

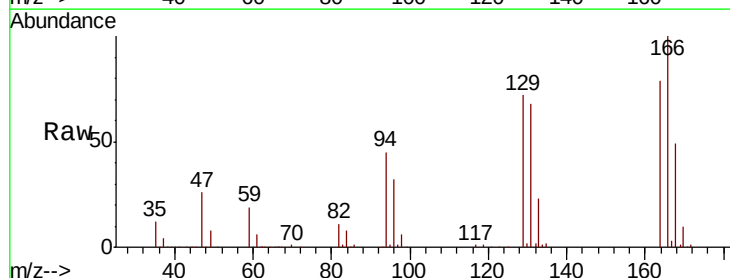
Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



#46
 Tetrachloroethene
 Concen: 49.481 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV017745.D
 Acq: 30 Jul 2020 12:30

Tgt Ion:	164	Resp:	114908
Ion	Ratio	Lower	Upper
164	100		
129	90.6	63.9	118.7
131	86.1	62.6	116.3
166	126.1	88.3	164.1



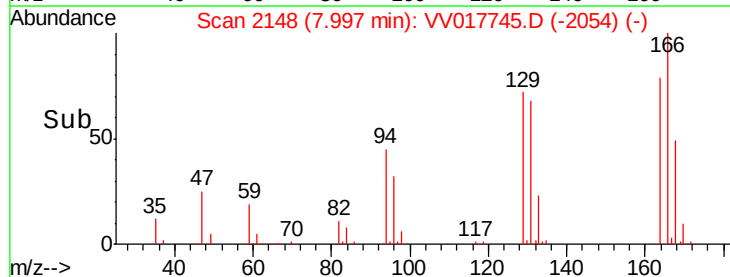
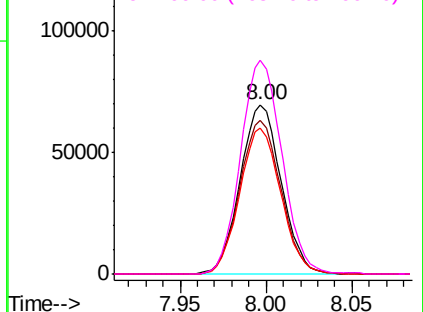
Abundance

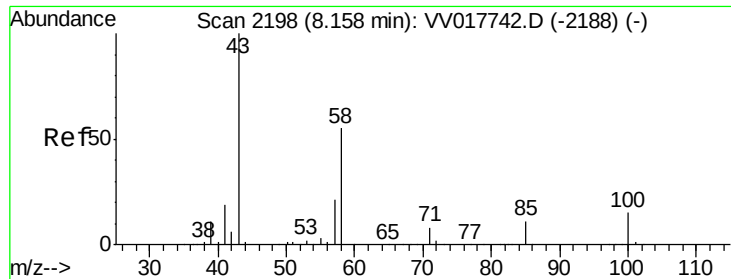
Ion 164.00 (163.70 to 164.70): V

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

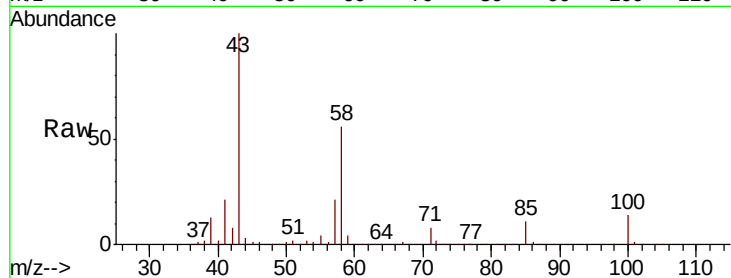




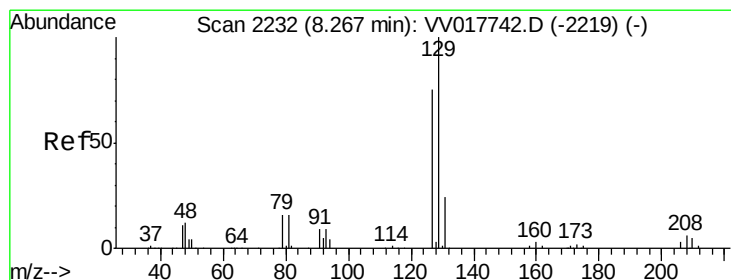
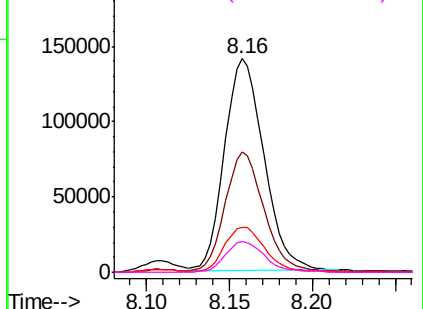
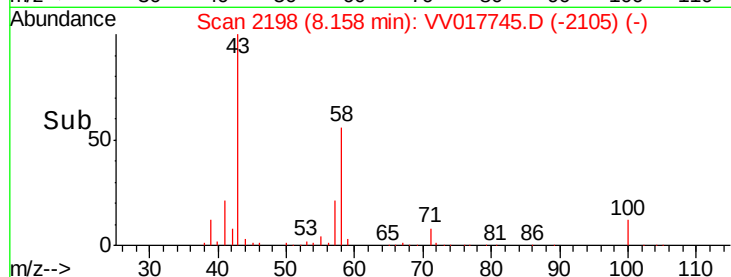
#48
2-Hexanone
Concen: 99.347 ug/L
RT: 8.16 min Scan# 2198
Delta R.T. 0.00 min
Lab File: VV017745.D
Acq: 30 Jul 2020 12:30

Instrument :
MSVOA_V
ClientSampleId :
VICV66

Tot Ion: 43 Resp: 232863
Ion Ratio Lower Upper
43 100
58 56.3 42.8 64.2
57 21.8 16.6 24.8
100 14.7 11.6 17.4

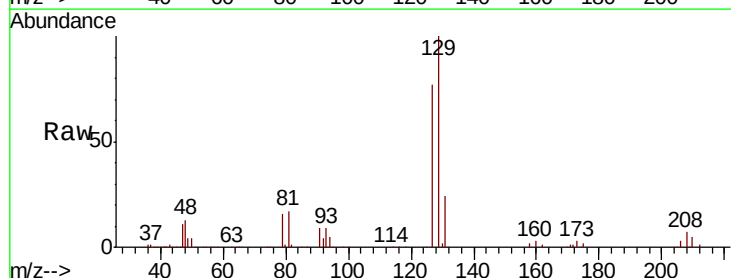


Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0

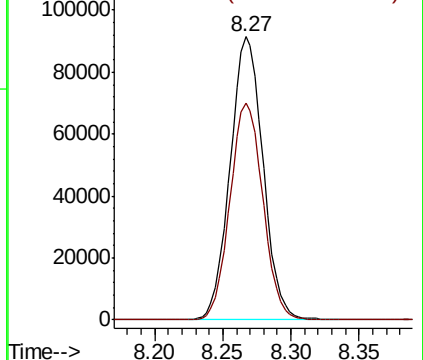
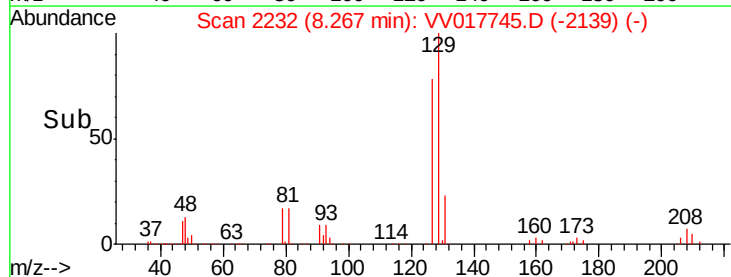


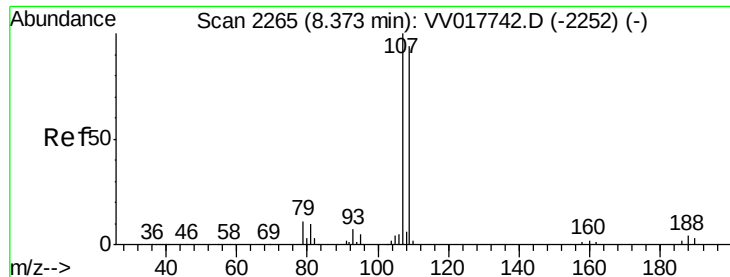
#49
Dibromochloromethane
Concen: 48.662 ug/L
RT: 8.27 min Scan# 2232
Delta R.T. 0.00 min
Lab File: VV017745.D
Acq: 30 Jul 2020 12:30

Tgt Ion: 129 Resp: 153233
Ion Ratio Lower Upper
129 100
127 76.6 52.6 97.8



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

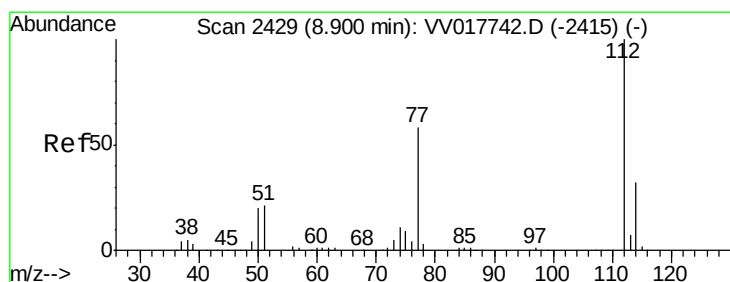
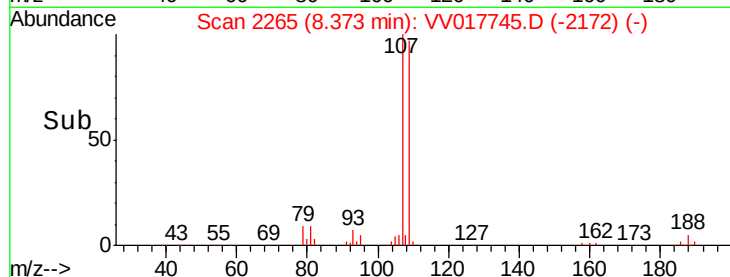
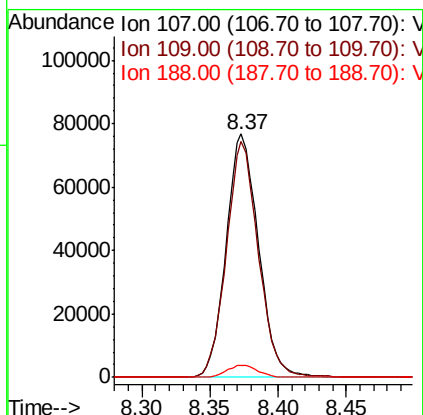
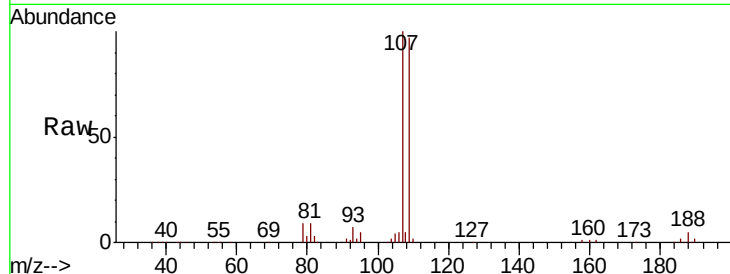




#50
 1,2-Dibromoethane
 Concen: 48.318 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. 0.00 min
 Lab File: VV017745.D
 Acq: 30 Jul 2020 12:30

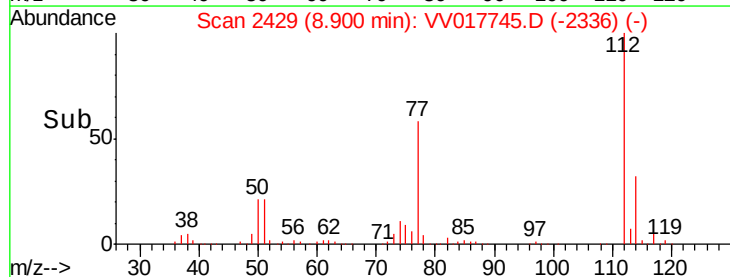
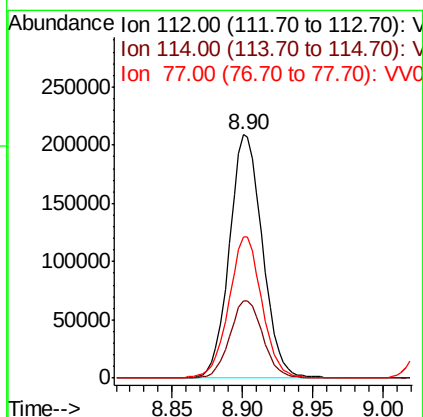
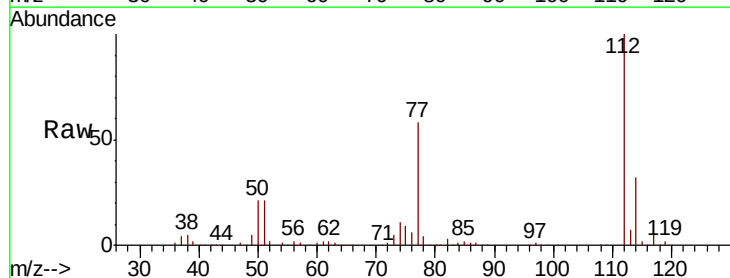
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV66

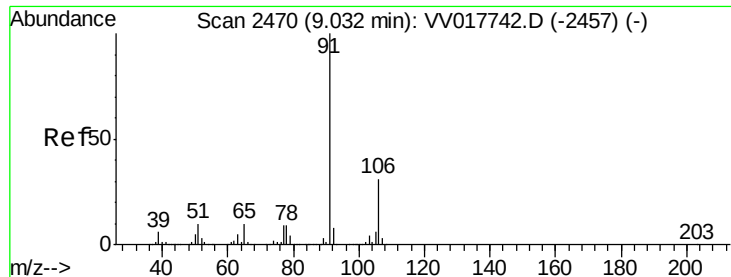
Tot Ion:107 Resp: 126662
 Ion Ratio Lower Upper
 107 100
 109 96.8 65.5 121.7
 188 5.2 3.6 5.4



#51
 Chlorobenzene
 Concen: 48.732 ug/L
 RT: 8.90 min Scan# 2429
 Delta R.T. 0.00 min
 Lab File: VV017745.D
 Acq: 30 Jul 2020 12:30

Tgt Ion:112 Resp: 342539
 Ion Ratio Lower Upper
 112 100
 114 31.9 22.7 42.1
 77 58.0 46.6 70.0

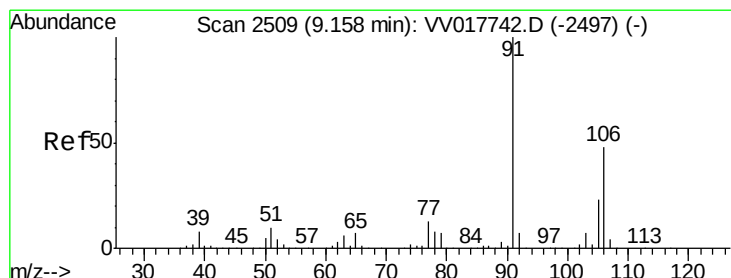
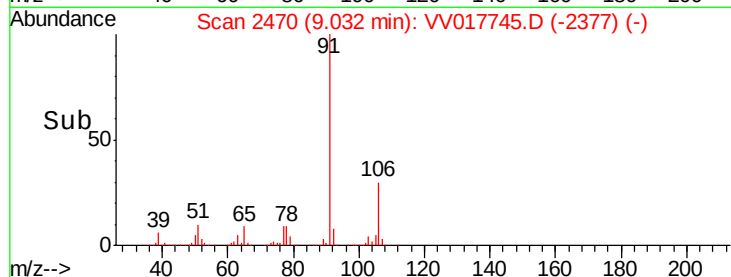
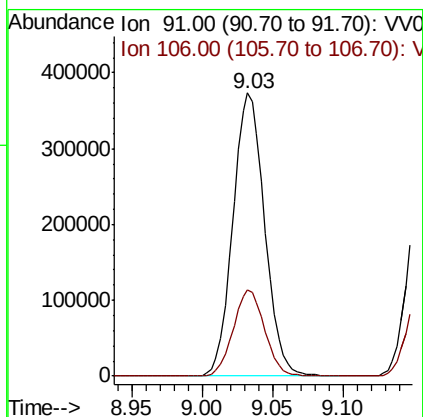
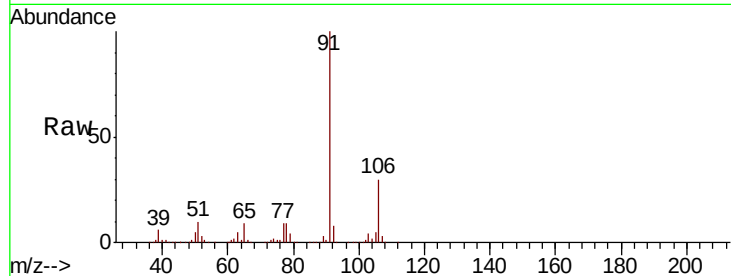




#52
Ethylbenzene
Concen: 50.106 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. 0.00 min
Lab File: VV017745.D
Acq: 30 Jul 2020 12:30

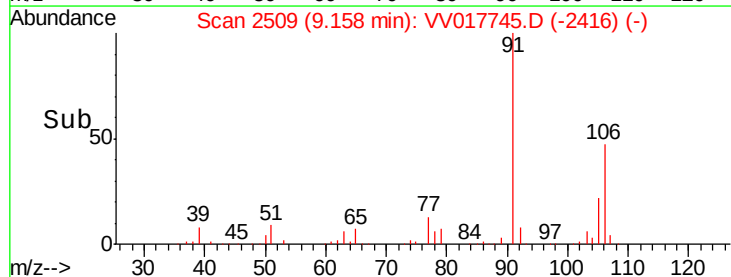
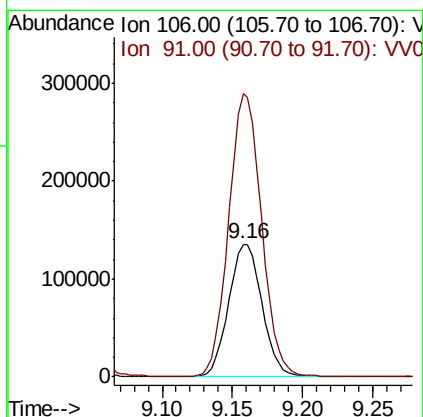
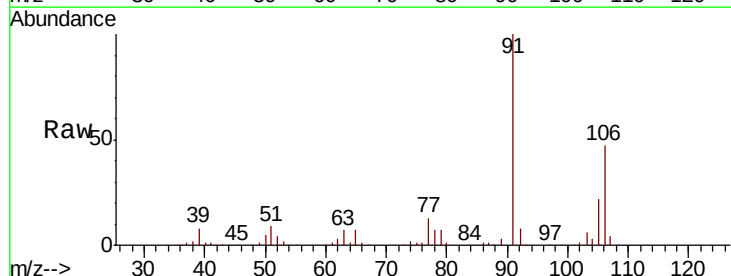
Instrument :
MSVOA_V
ClientSampleId :
VICV66

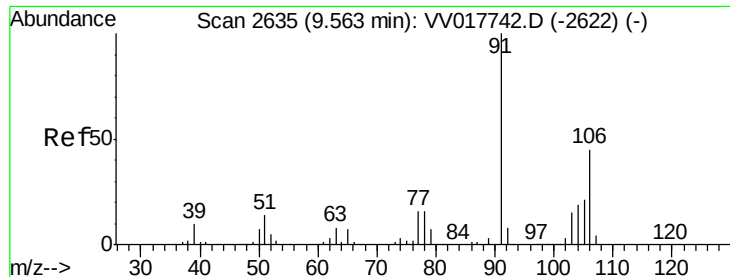
Tot Ion: 91 Resp: 588123
Ion Ratio Lower Upper
91 100
106 30.5 21.5 39.9



#53
m,p-Xylene
Concen: 49.918 ug/L
RT: 9.16 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VV017745.D
Acq: 30 Jul 2020 12:30

Tgt Ion: 106 Resp: 224615
Ion Ratio Lower Upper
106 100
91 213.7 145.8 270.8





#54

o-xylene

Concen: 50.079 ug/L

RT: 9.56 min Scan# 2635

Delta R.T. 0.00 min

Lab File: VV017745.D

Acq: 30 Jul 2020 12:30

Instrument :

MSVOA_V

ClientSampleId :

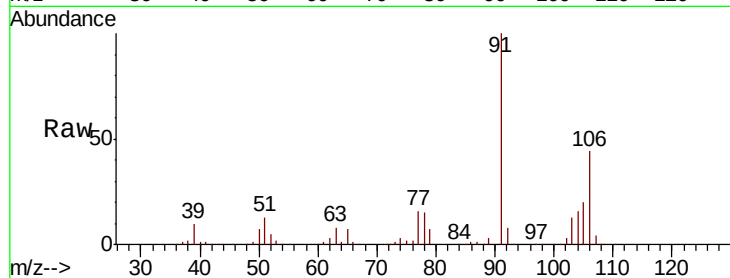
VICV66

Tot Ion:106 Resp: 218059

Ion Ratio Lower Upper

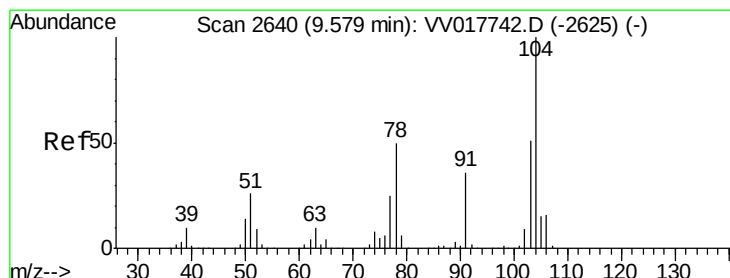
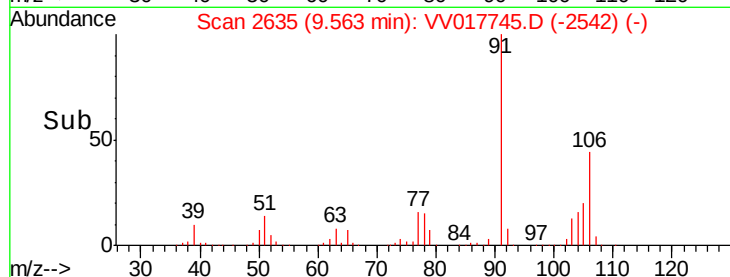
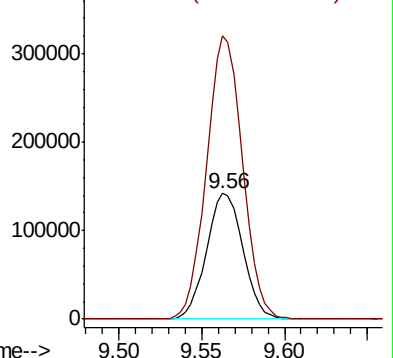
106 100

91 224.9 156.4 290.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

Styrene

Concen: 49.731 ug/L

RT: 9.58 min Scan# 2640

Delta R.T. 0.00 min

Lab File: VV017745.D

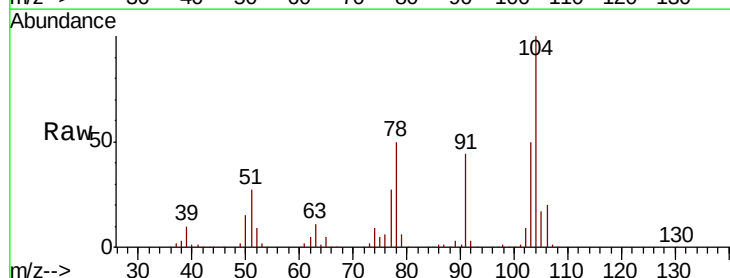
Acq: 30 Jul 2020 12:30

Tgt Ion:104 Resp: 376660

Ion Ratio Lower Upper

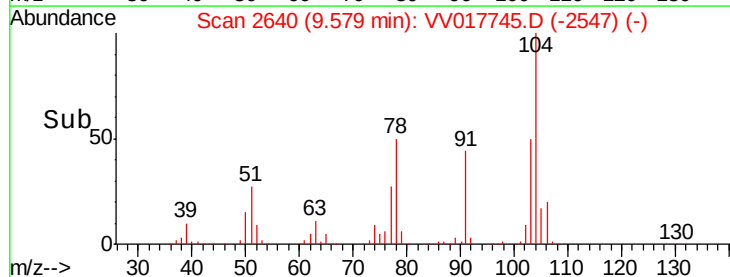
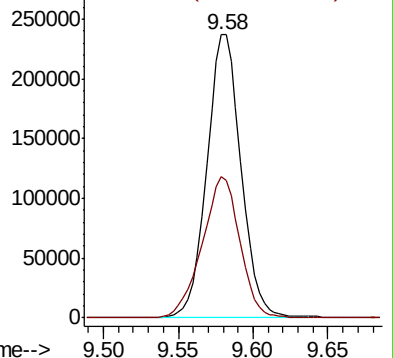
104 100

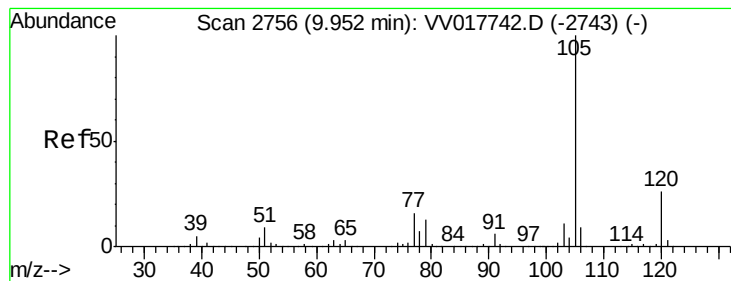
78 49.8 34.9 64.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0





#56

Isopropylbenzene

Concen: 50.711 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VV017745.D

Acq: 30 Jul 2020 12:30

Instrument :

MSVOA_V

ClientSampleID :

VICV66

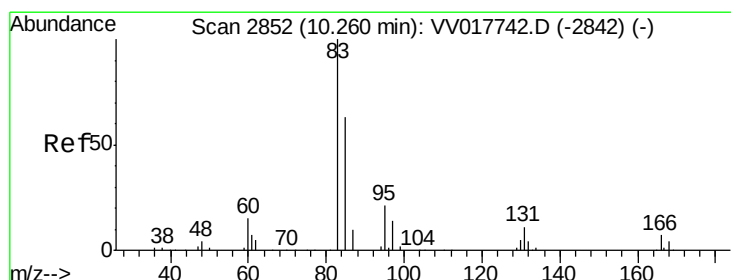
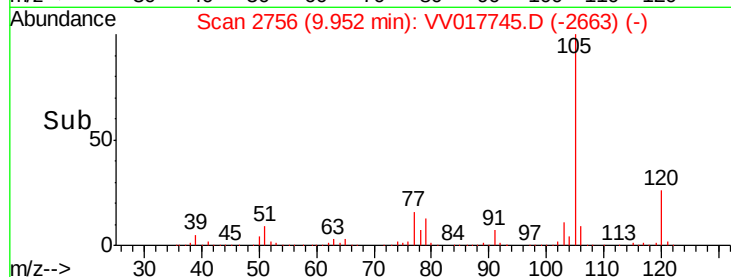
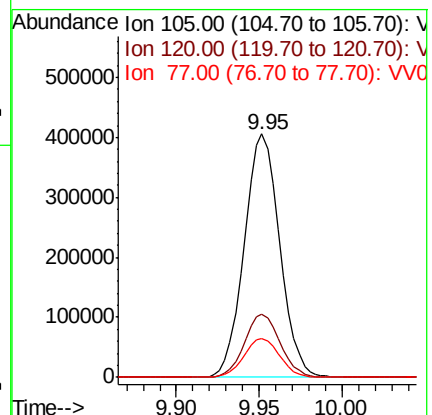
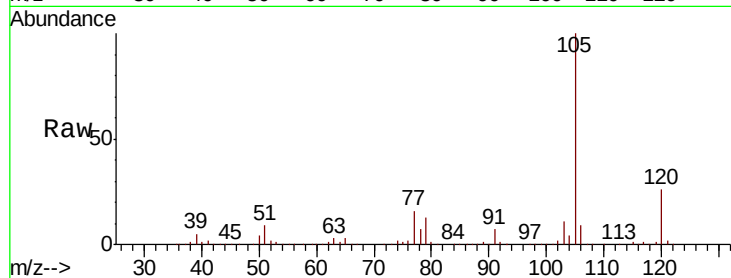
Tot Ion:105 Resp: 604375

Ion Ratio Lower Upper

105 100

120 26.3 21.0 31.6

77 16.3 13.2 19.8



#58

1,1,2,2-Tetrachloroethane

Concen: 47.384 ug/L

RT: 10.26 min Scan# 2853

Delta R.T. 0.00 min

Lab File: VV017745.D

Acq: 30 Jul 2020 12:30

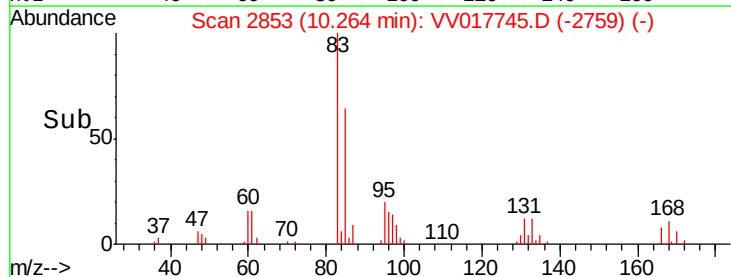
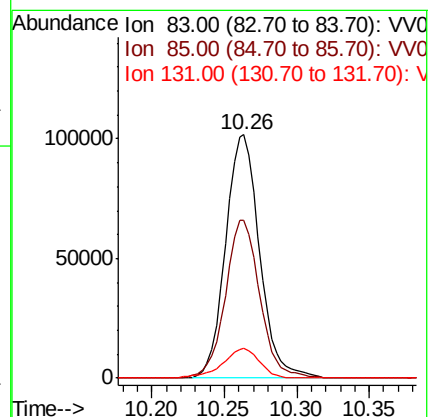
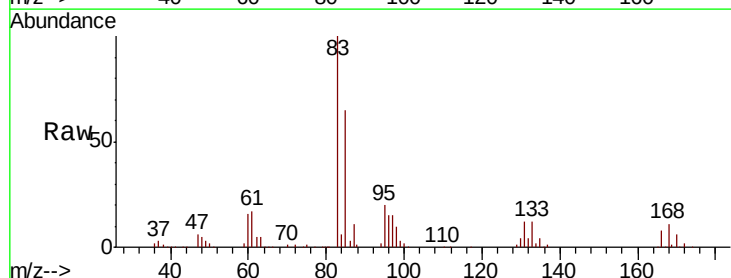
Tgt Ion: 83 Resp: 166036

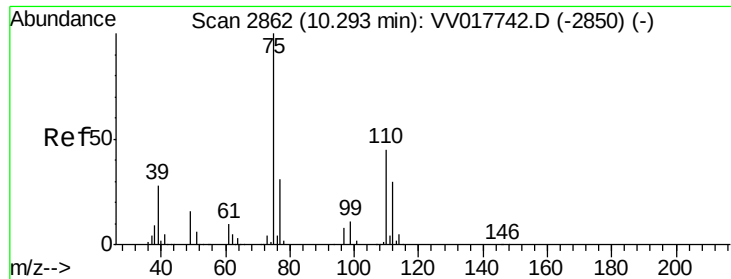
Ion Ratio Lower Upper

83 100

85 64.9 45.6 84.8

131 12.1 9.5 14.3





#59

1,2,3-Trichloropropane

Concen: 47.167 ug/L

RT: 10.30 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VV017745.D

Acq: 30 Jul 2020 12:30

Instrument :

MSVOA_V

ClientSampleId :

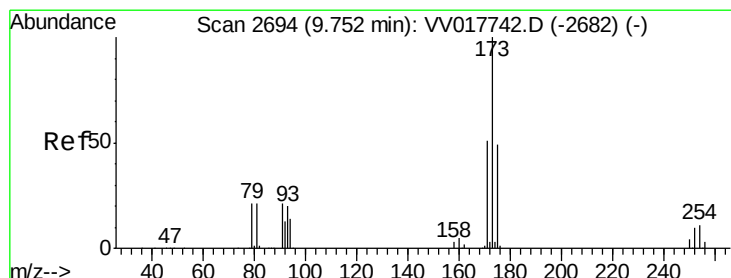
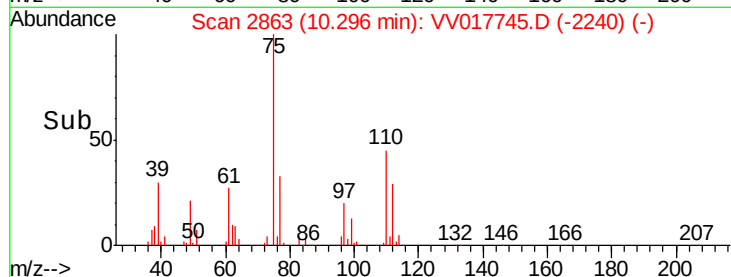
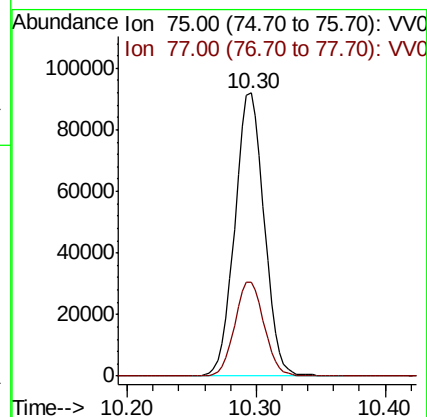
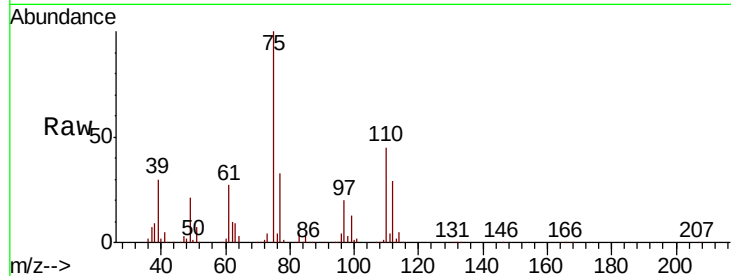
VICV66

Tot Ion: 75 Resp: 145092

Ion Ratio Lower Upper

75 100

77 33.4 25.1 37.7



#61

Bromoform

Concen: 49.614 ug/L

RT: 9.75 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VV017745.D

Acq: 30 Jul 2020 12:30

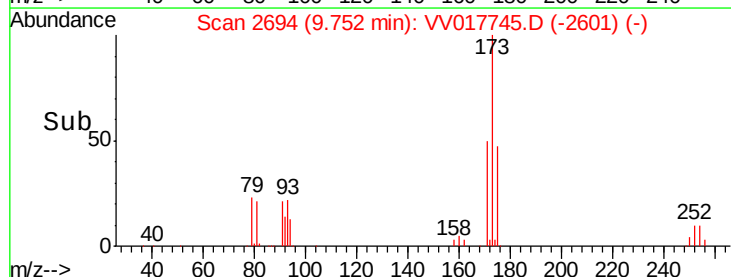
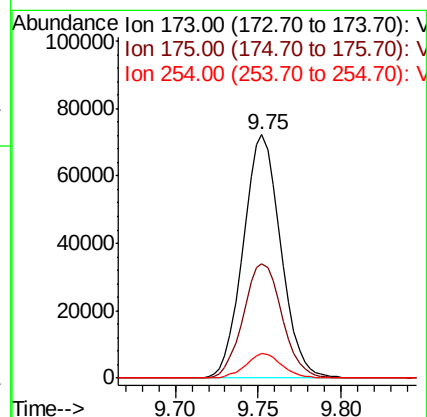
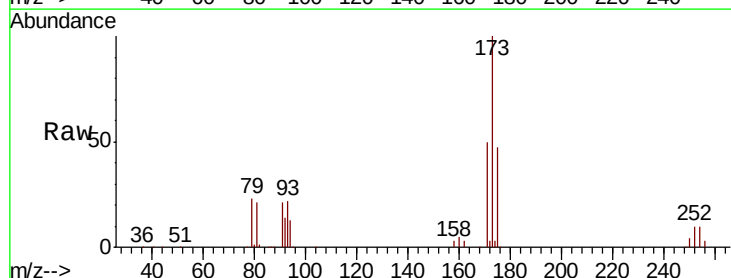
Tgt Ion: 173 Resp: 113805

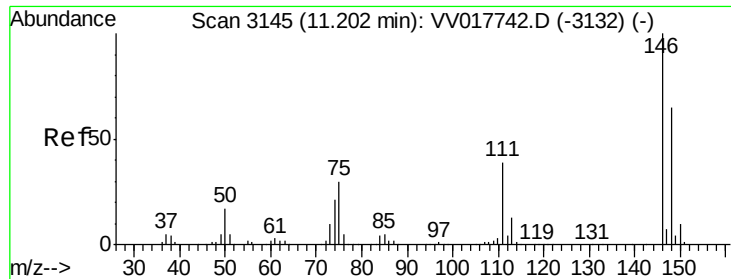
Ion Ratio Lower Upper

173 100

175 48.8 39.8 59.8

254 9.9 8.4 12.6

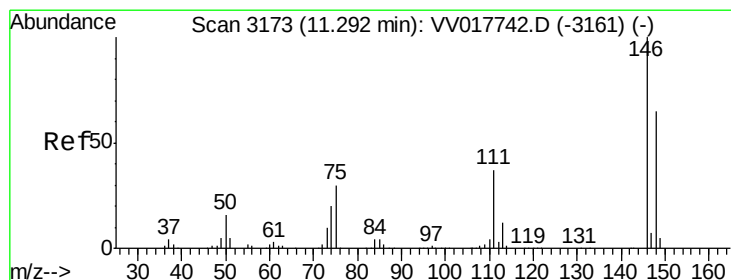
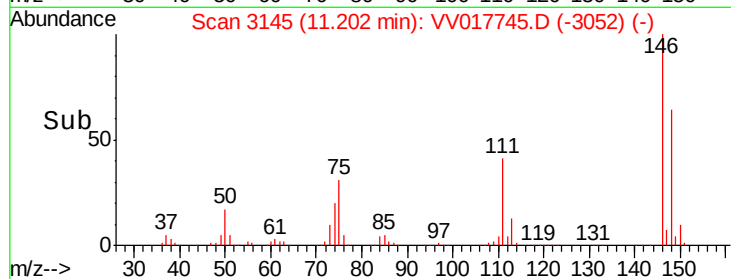
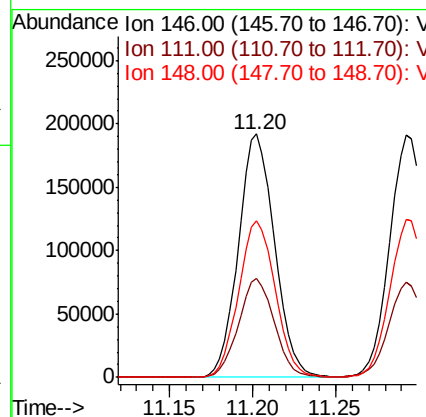
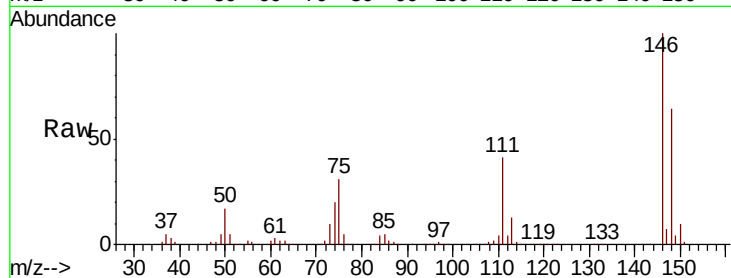




#62
 1,3-Dichlorobenzene
 Concen: 49.160 ug/L
 RT: 11.20 min Scan# 3145
 Delta R.T. 0.00 min
 Lab File: VV017745.D
 Acq: 30 Jul 2020 12:30

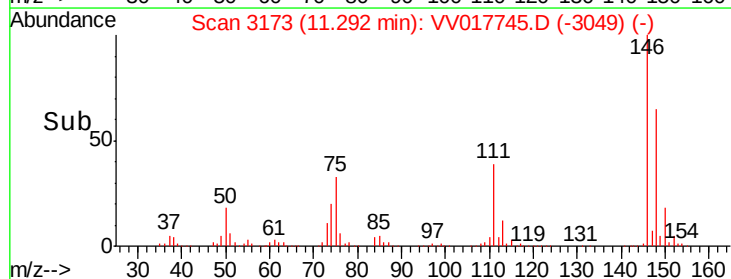
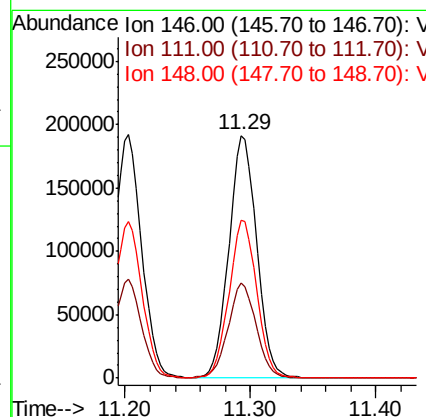
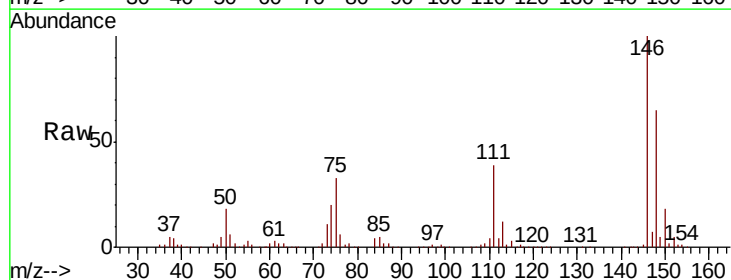
Instrument :
 MSVOA_V
 ClientSampled :
 VICV66

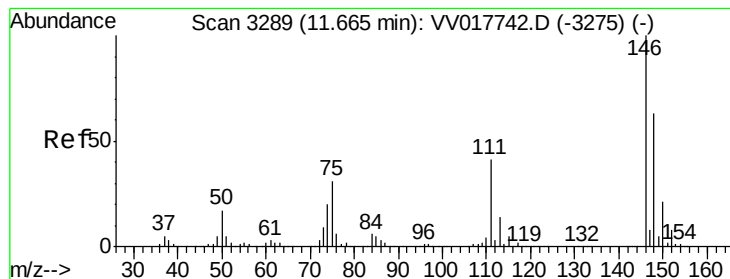
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	27.6	51.4
148	64.3	45.3	84.1



#63
 1,4-Dichlorobenzene
 Concen: 48.783 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV017745.D
 Acq: 30 Jul 2020 12:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	26.4	49.0
148	65.1	45.3	84.1





#65

1,2-Dichlorobenzene

Concen: 49.377 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV017745.D

Acq: 30 Jul 2020 12:30

Instrument :

MSVOA_V

ClientSampled :

VICV66

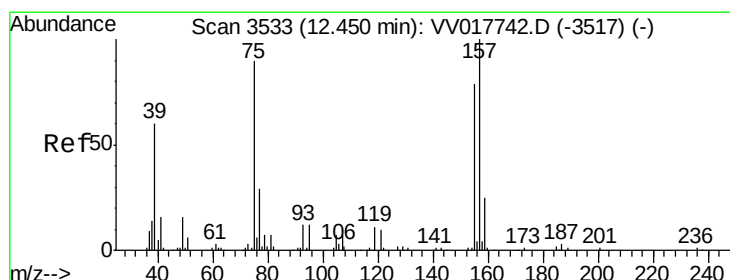
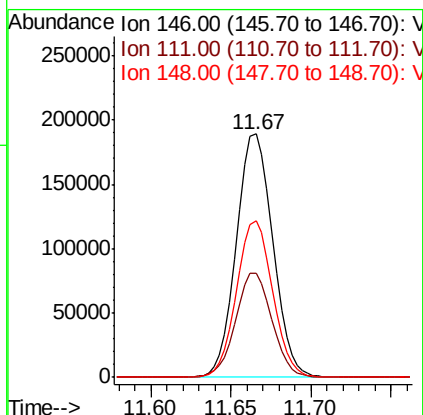
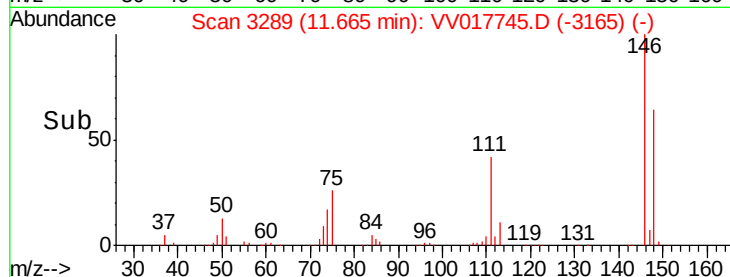
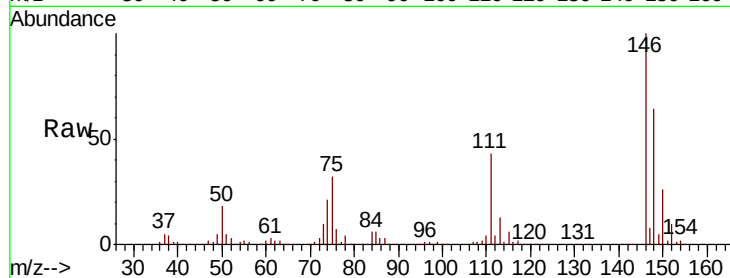
Tot Ion:146 Resp: 294570

Ion Ratio Lower Upper

146 100

111 42.9 32.6 49.0

148 64.4 50.4 75.6



#66

1,2-Dibromo-3-chloropropane

Concen: 51.811 ug/L

RT: 12.45 min Scan# 3533

Delta R.T. 0.00 min

Lab File: VV017745.D

Acq: 30 Jul 2020 12:30

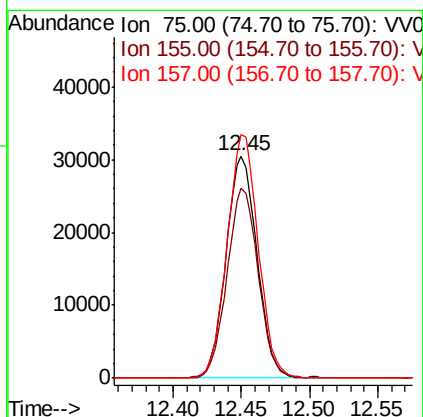
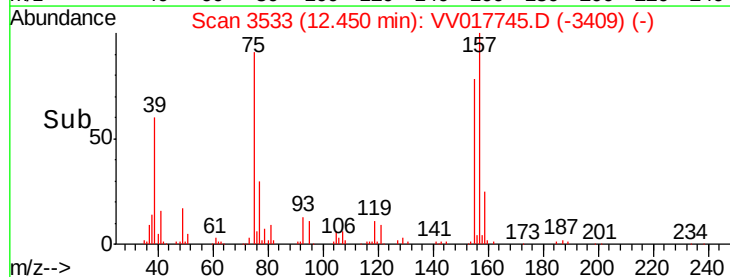
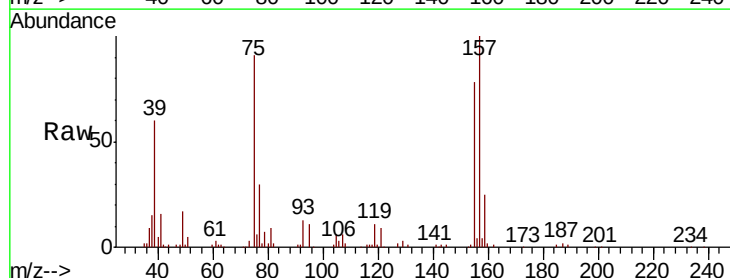
Tgt Ion: 75 Resp: 48302

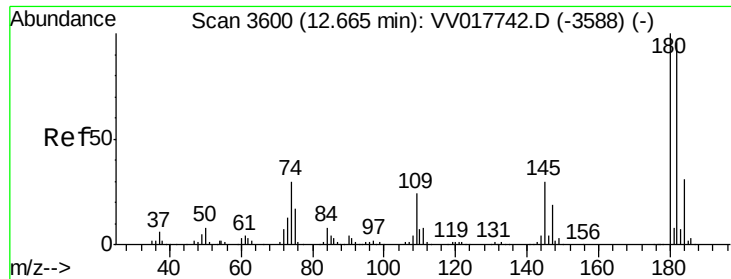
Ion Ratio Lower Upper

75 100

155 85.3 70.2 105.2

157 109.6 88.9 133.3

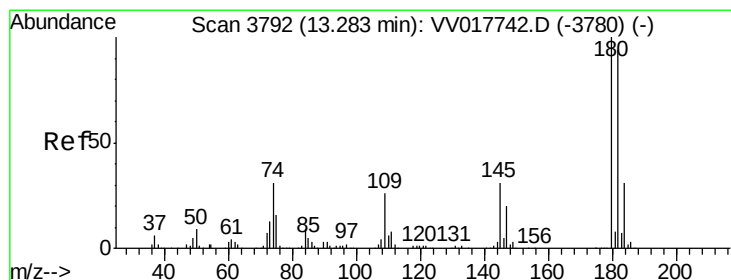
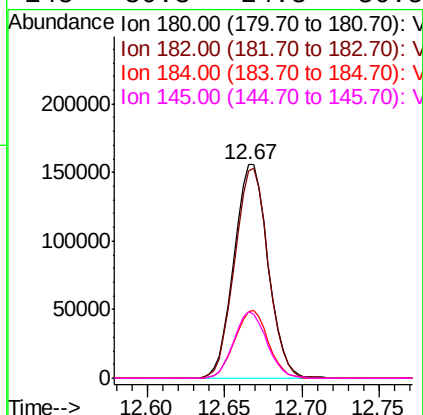
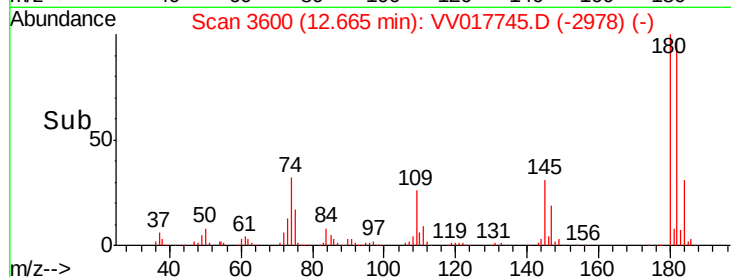
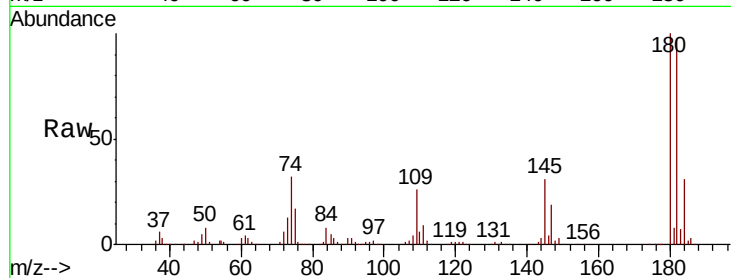




#67
 1,3,5-Trichlorobenzene
 Concen: 51.244 ug/L
 RT: 12.67 min Scan# 3600
 Delta R.T. 0.00 min
 Lab File: VV017745.D
 Acq: 30 Jul 2020 12:30

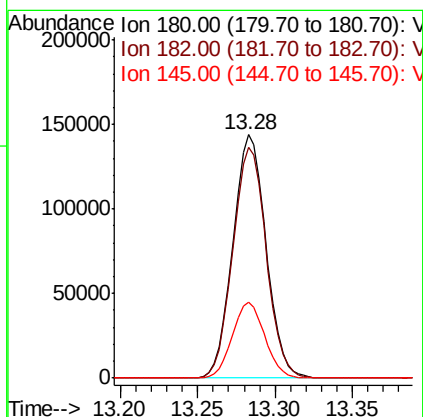
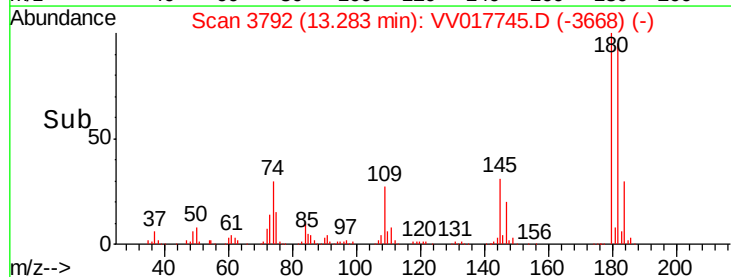
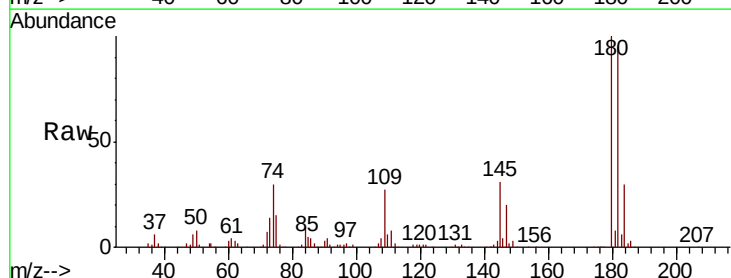
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV66

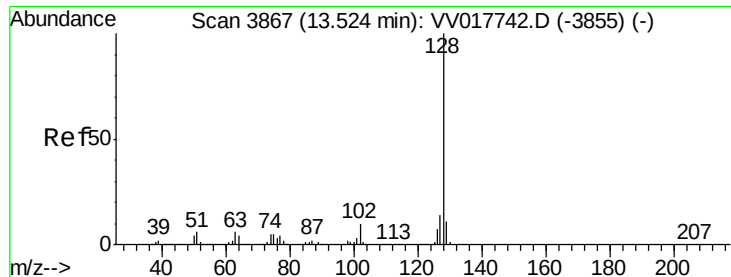
Tot Ion:	180	Resp:	237780
Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.9	115.3
184	31.2	25.1	37.7
145	30.3	24.3	36.5



#68
 1,2,4-trichlorobenzene
 Concen: 52.979 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.00 min
 Lab File: VV017745.D
 Acq: 30 Jul 2020 12:30

Tgt Ion:	180	Resp:	213355
Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.0	114.0
145	30.4	24.6	36.8





#69

Naphthalene

Concen: 54.293 ug/L

RT: 13.52 min Scan# 3867

Delta R.T. 0.00 min

Lab File: VV017745.D

Acq: 30 Jul 2020 12:30

Instrument :

MSVOA_V

ClientSampled :

VICV66

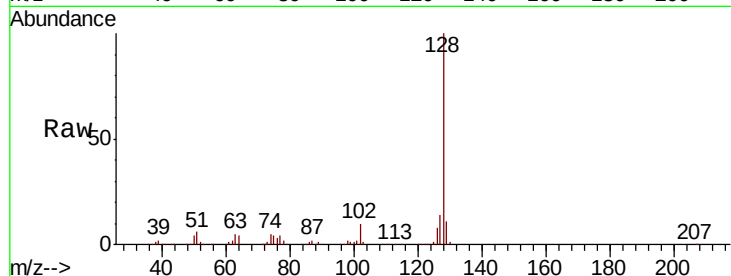
Tot Ion:128 Resp: 576788

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 10.8 8.4 12.6

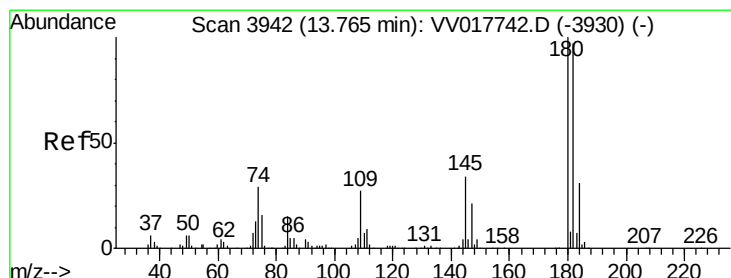
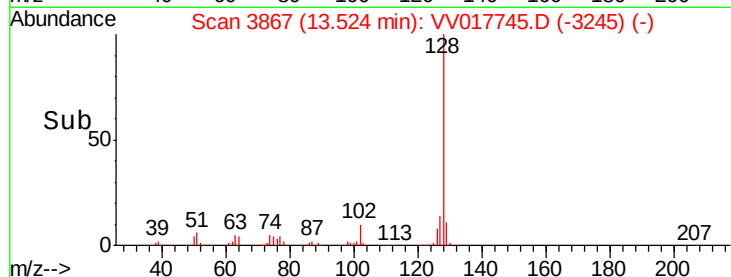
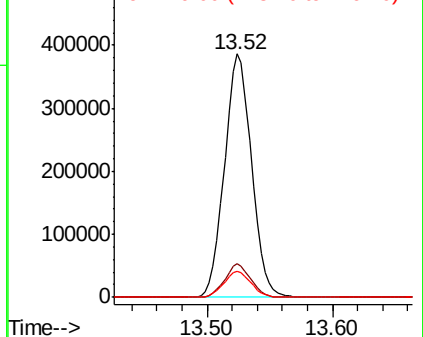


Abundance

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: 53.788 ug/L

RT: 13.77 min Scan# 3942

Delta R.T. 0.00 min

Lab File: VV017745.D

Acq: 30 Jul 2020 12:30

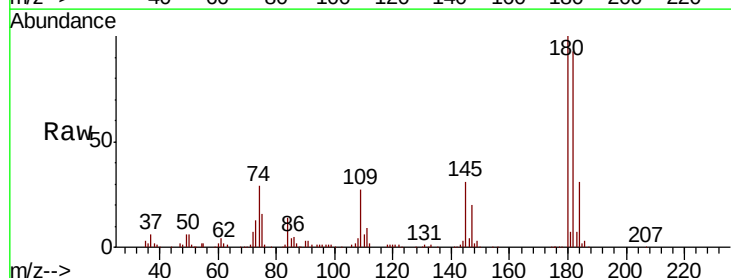
Tgt Ion:180 Resp: 214831

Ion Ratio Lower Upper

180 100

182 95.1 76.7 115.1

145 31.9 26.4 39.6



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

