

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092320\
 Data File : VV018408.D
 Acq On : 23 Sep 2020 12:35
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV306

Quant Time: Sep 24 07:56:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM092320W.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 24 07:48:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	311960	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	303314	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	168940	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91918	47.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.98%
7) Chloroethane-d5	1.58	69	80638	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.13	63	188588	46.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.94%
21) 2-Butanone-d5	3.92	46	142000	102.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.34%
24) Chloroform-d	4.38	84	193502	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.34%
26) 1,2-Dichloroethane-d4	5.06	65	123245	48.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.76%
32) Benzene-d6	5.08	84	379223	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.36%
36) 1,2-Dichloropropane-d6	6.09	67	121627	49.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.78%
41) Toluene-d8	7.34	98	356406	50.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.96%
43) trans-1,3-Dichloropropene-	7.64	79	63156	51.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.20%
47) 2-Hexanone-d5	8.11	63	101696	112.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.19%
56) 1,1,2,2-Tetrachloroethane-	10.24	84	160590	50.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.56%
66) 1,2-Dichlorobenzene-d4	11.65	152	153598	48.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.68%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	100104	43.478	ug/L	98
3) Chloromethane	1.25	50	110355	43.212	ug/L	98
5) Vinyl chloride	1.32	62	114412	43.783	ug/L	100
6) Bromomethane	1.53	94	73371	44.186	ug/L	100
8) Chloroethane	1.59	64	72301	42.933	ug/L	99
9) Trichlorofluoromethane	1.77	101	163997	44.135	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	101396	44.511	ug/L	99
12) 1,1-Dichloroethene	2.13	96	94737	43.732	ug/L	98
13) Acetone	2.21	43	158820	90.494	ug/L	100
14) Carbon disulfide	2.31	76	271242	44.098	ug/L	100
15) Methyl Acetate	2.45	43	102496	44.253	ug/L	98
16) Methylene chloride	2.52	84	107369	43.777	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	97083	44.275	ug/L	98
18) Methyl tert-butyl Ether	2.78	73	305061	44.760	ug/L	99
19) 1,1-Dichloroethane	3.21	63	185690	43.620	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	106977	45.246	ug/L	100
22) 2-Butanone	4.00	43	171651	98.528	ug/L	97

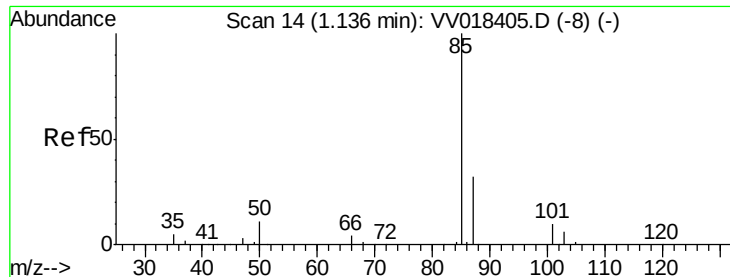
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	55338	43.706	ug/L	97
25) Chloroform	4.40	83	189405	44.008	ug/L	99
27) 1,2-Dichloroethane	5.16	62	144743	43.402	ug/L	99
29) Cyclohexane	4.70	56	168972	47.868	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	165864	44.461	ug/L	99
31) Carbon tetrachloride	4.86	117	144970	44.576	ug/L	100
33) Benzene	5.13	78	411943	45.348	ug/L	100
34) Trichloroethene	5.94	95	111175	44.518	ug/L	98
35) Methylcyclohexane	6.15	83	172930	47.694	ug/L	99
37) 1,2-Dichloropropane	6.20	63	109028	45.390	ug/L	99
38) Bromodichloromethane	6.53	83	139204	44.282	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	171413	47.570	ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	270000	94.715	ug/L	100
42) Toluene	7.41	91	442174	46.397	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	167211	46.802	ug/L	97
45) 1,1,2-Trichloroethane	7.86	97	103107	45.581	ug/L	99
46) Tetrachloroethene	8.00	164	89512	45.774	ug/L	98
48) 2-Hexanone	8.16	43	235456	97.458	ug/L	100
49) Dibromochloromethane	8.27	129	113174	44.941	ug/L	99
50) 1,2-Dibromoethane	8.37	107	107392	45.604	ug/L	99
51) Chlorobenzene	8.90	112	286773	45.029	ug/L	100
52) Ethylbenzene	9.03	91	493719	47.073	ug/L	100
53) m,p-Xylene	9.16	106	188026	48.010	ug/L	100
54) o-Xylene	9.56	106	177387	47.011	ug/L	99
55) Styrene	9.58	104	317721	48.139	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.26	83	152032	46.100	ug/L	99
59) Bromoform	9.75	173	85499	45.275	ug/L	99
60) Isopropylbenzene	9.95	105	487659	46.833	ug/L	99
61) 1,2,3-Trichloropropane	10.29	75	128622	43.874	ug/L	99
62) 1,3,5-Trimethylbenzene	10.56	105	408745	48.496	ug/L	100
63) 1,2,4-Trimethylbenzene	10.94	105	420236	48.563	ug/L	100
64) 1,3-Dichlorobenzene	11.20	146	240886	45.519	ug/L	99
65) 1,4-Dichlorobenzene	11.29	146	248118	44.737	ug/L	99
67) 1,2-Dichlorobenzene	11.67	146	237864	44.704	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.45	75	33447	45.155	ug/L	96
69) 1,3,5-Trichlorobenzene	12.67	180	189515	45.923	ug/L	99
70) 1,2,4-trichlorobenzene	13.28	180	175805	47.547	ug/L	99
71) Naphthalene	13.52	128	478794	49.923	ug/L	100
72) 1,2,3-Trichlorobenzene	13.76	180	176019	47.366	ug/L	100

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



#2

Dichlorodifluoromethane

Concen: 43.478 ug/L

RT: 1.14 min Scan# 14

Delta R.T. -0.00 min

Lab File: VV018408.D

Acq: 23 Sep 2020 12:35

Instrument :

MSVOA_V

ClientSampleId :

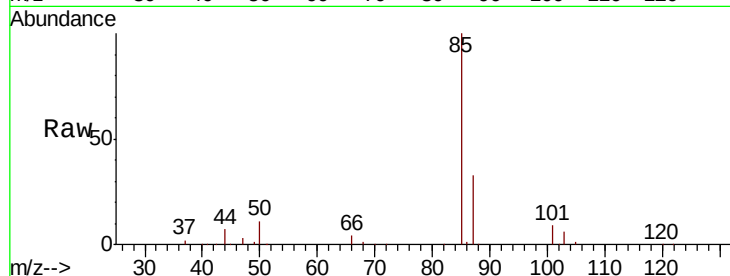
VICV306

Tot Ion: 85 Resp: 100104

Ion Ratio Lower Upper

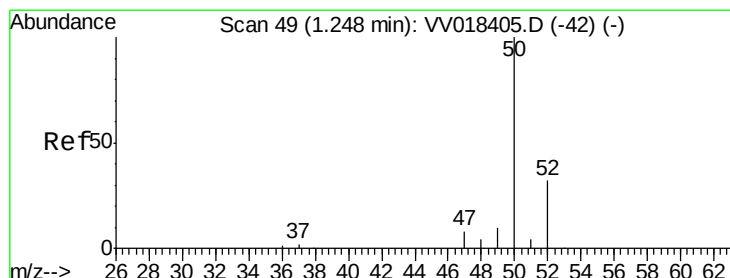
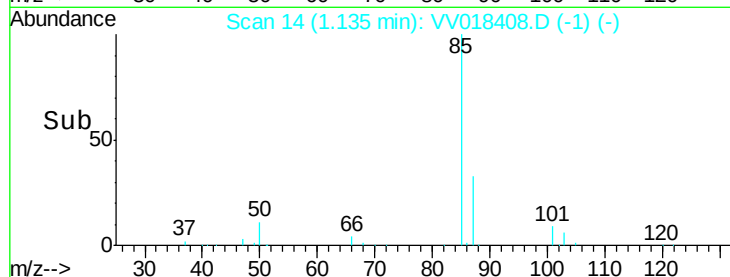
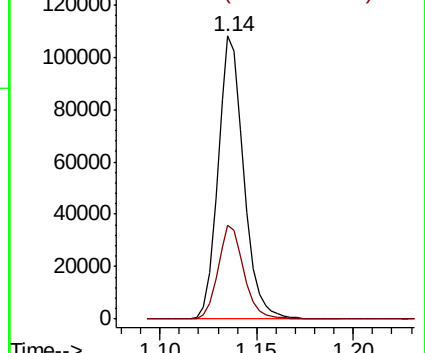
85 100

87 33.0 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#3

Chloromethane

Concen: 43.212 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV018408.D

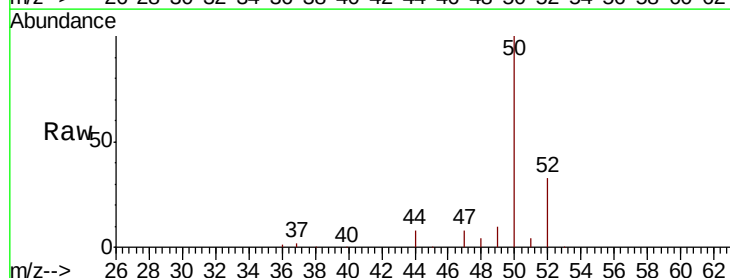
Acq: 23 Sep 2020 12:35

Tgt Ion: 50 Resp: 110355

Ion Ratio Lower Upper

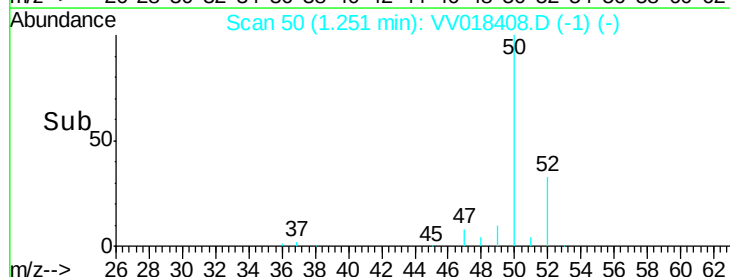
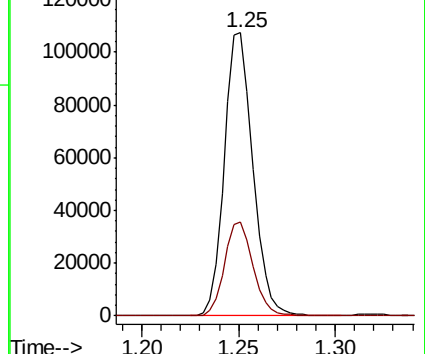
50 100

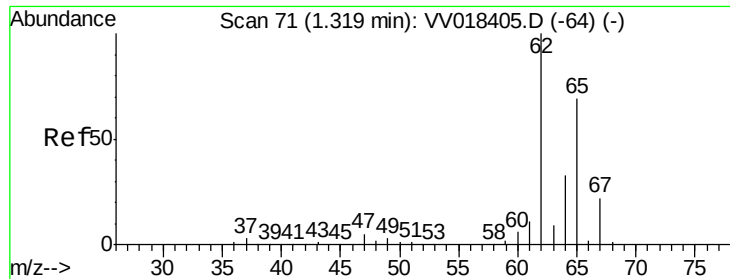
52 33.3 22.5 41.9



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0





#5

Vinyl chloride

Concen: 43.783 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018408.D

Acq: 23 Sep 2020 12:35

Instrument :

MSVOA_V

ClientSampleId :

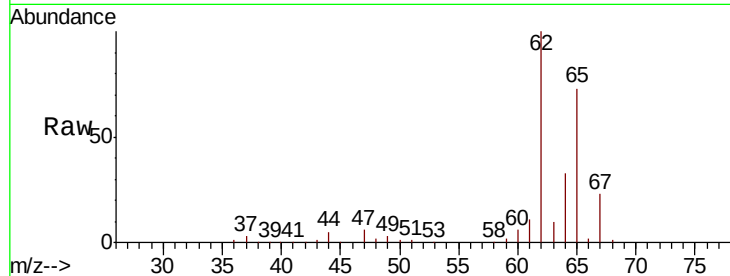
VICV306

Tot Ion: 62 Resp: 114412

Ion Ratio Lower Upper

62 100

64 32.7 22.9 42.5



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

120000

100000

80000

60000

40000

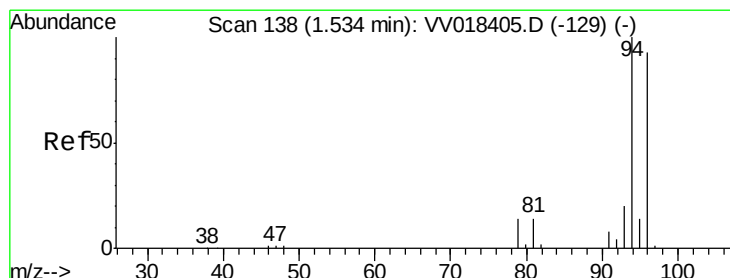
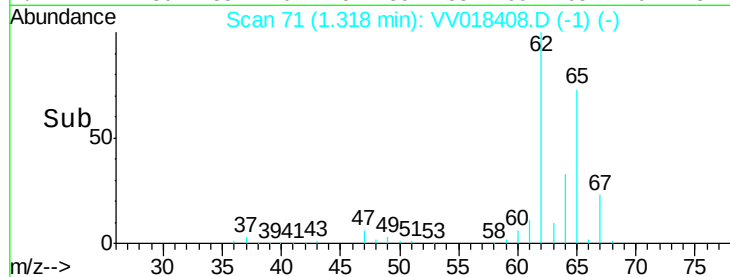
20000

0

1.32

1.30 1.35 1.40

Time-->



#6

Bromomethane

Concen: 44.186 ug/L

RT: 1.53 min Scan# 138

Delta R.T. -0.00 min

Lab File: VV018408.D

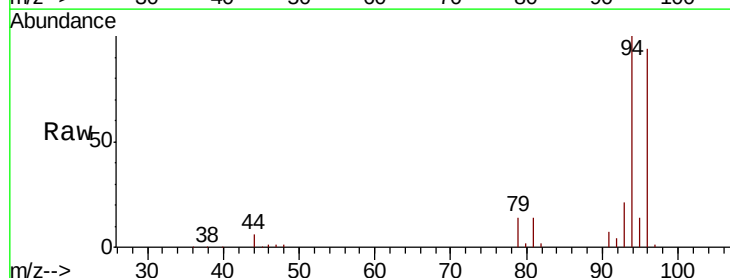
Acq: 23 Sep 2020 12:35

Tgt Ion: 94 Resp: 73371

Ion Ratio Lower Upper

94 100

96 93.7 65.4 121.4



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

60000

40000

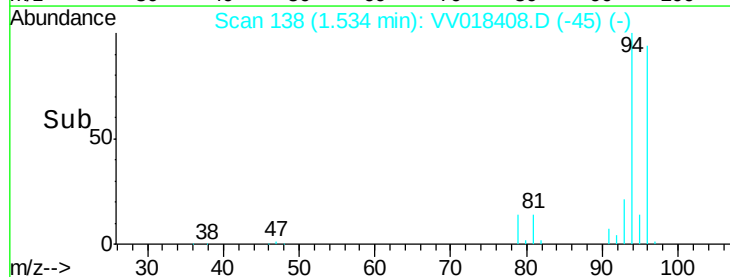
20000

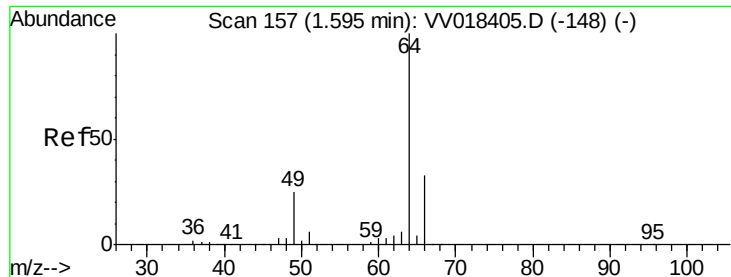
0

1.53

1.50 1.55 1.60

Time-->





#8

Chloroethane

Concen: 42.933 ug/L

RT: 1.59 min Scan# 157

Delta R.T. -0.00 min

Lab File: VV018408.D

Acq: 23 Sep 2020 12:35

Instrument :

MSVOA_V

ClientSampleId :

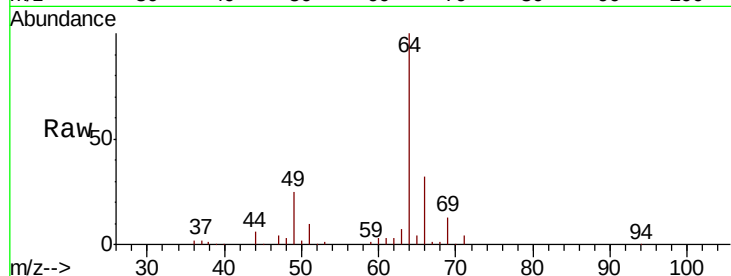
VICV306

Tot Ion: 64 Resp: 72301

Ion Ratio Lower Upper

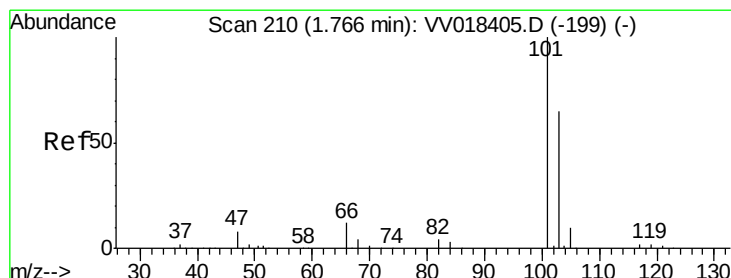
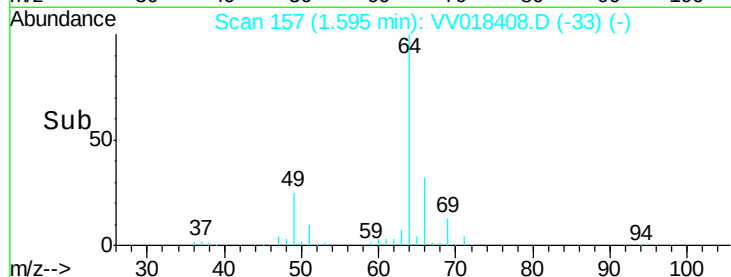
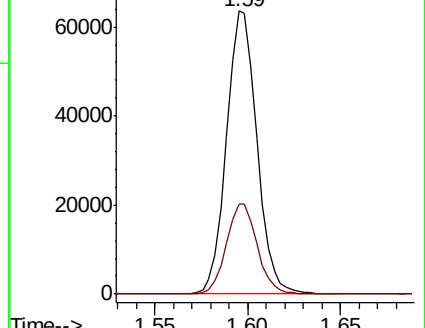
64 100

66 32.1 23.0 42.6



Abundance Ion 64.00 (63.70 to 64.70): VV018408.D (-148) (-)

Ion 66.00 (65.70 to 66.70): VV018408.D (-148) (-)



#9

Trichlorofluoromethane

Concen: 44.135 ug/L

RT: 1.77 min Scan# 210

Delta R.T. -0.00 min

Lab File: VV018408.D

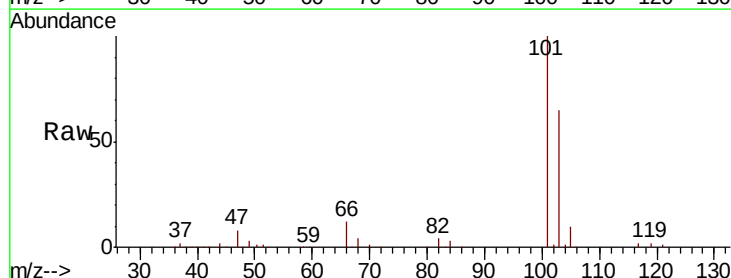
Acq: 23 Sep 2020 12:35

Tgt Ion: 101 Resp: 163997

Ion Ratio Lower Upper

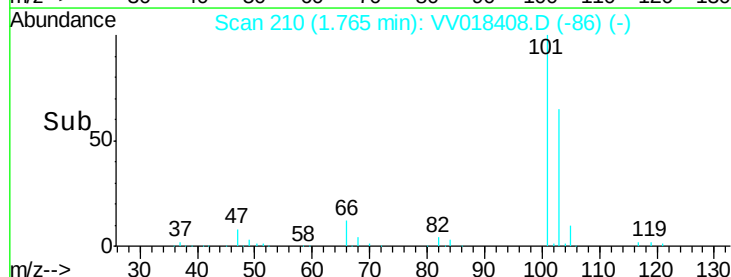
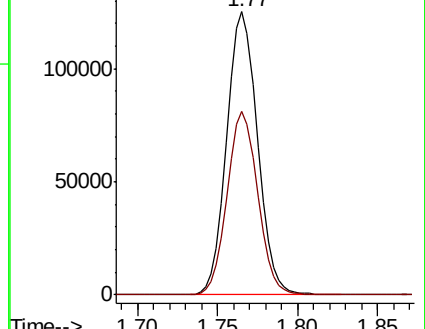
101 100

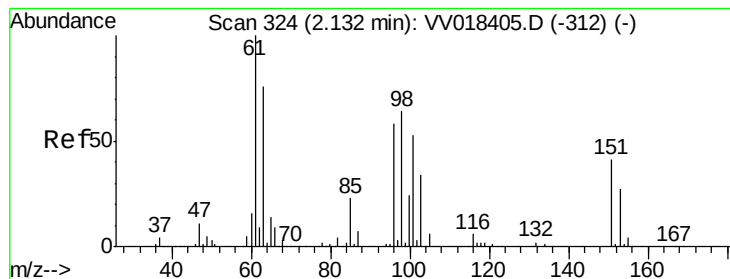
103 64.3 52.1 78.1



Abundance Ion 101.00 (100.70 to 101.70): VV018408.D (-199) (-)

Ion 103.00 (102.70 to 103.70): VV018408.D (-199) (-)





#10

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

Concen: 44.511 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV018408.D

Acq: 23 Sep 2020 12:35

Instrument :

MSVOA_V

ClientSampleId :

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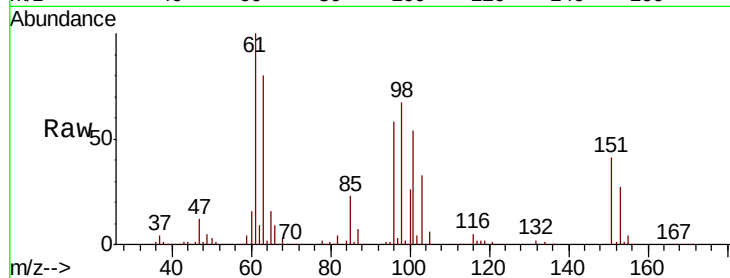
Tot Ion:101 Resp: 101396

Ion Ratio Lower Upper

101 100

85 42.3 34.6 51.8

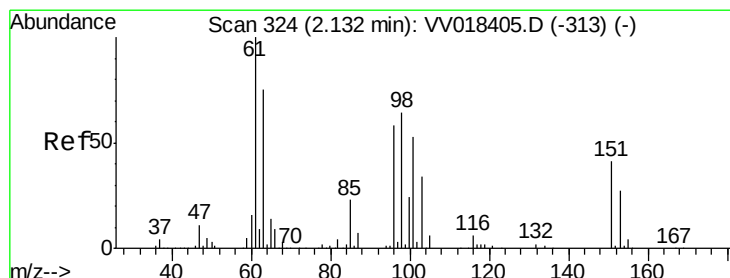
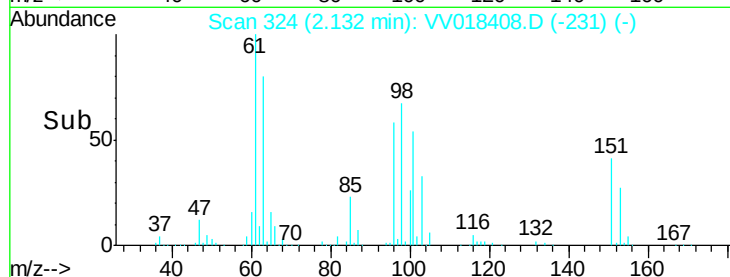
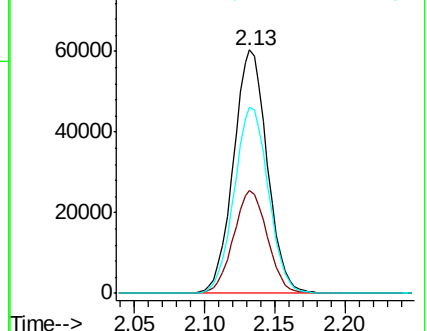
151 77.7 62.4 93.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 43.732 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV018408.D

Acq: 23 Sep 2020 12:35

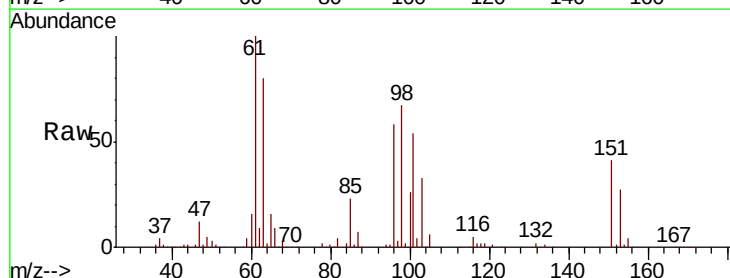
Tgt Ion: 96 Resp: 94737

Ion Ratio Lower Upper

96 100

61 172.6 121.0 224.8

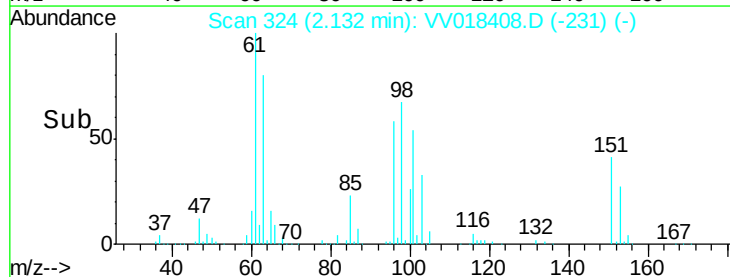
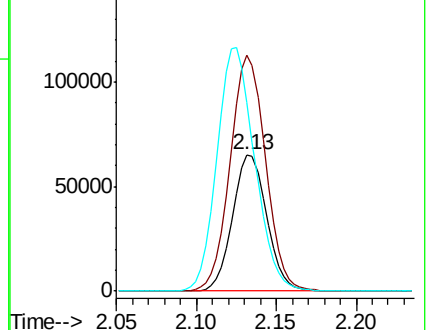
63 138.4 93.0 172.6

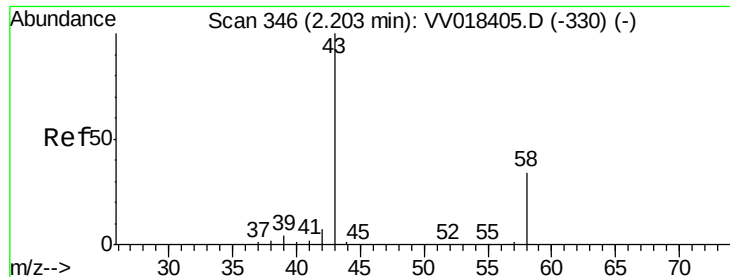


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 90.494 ug/L

RT: 2.21 min Scan# 347

Delta R.T. 0.00 min

Lab File: VV018408.D

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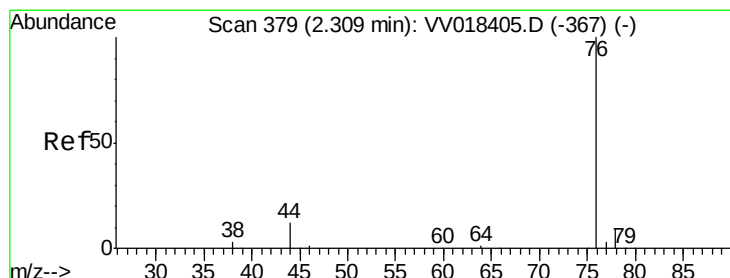
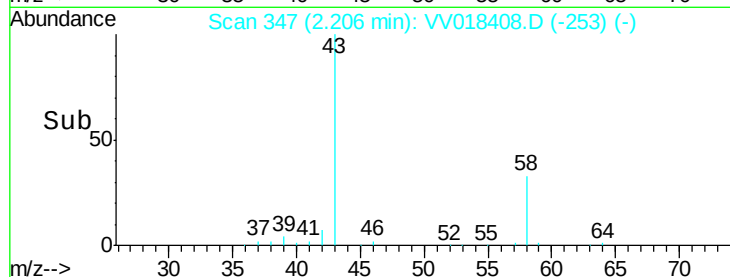
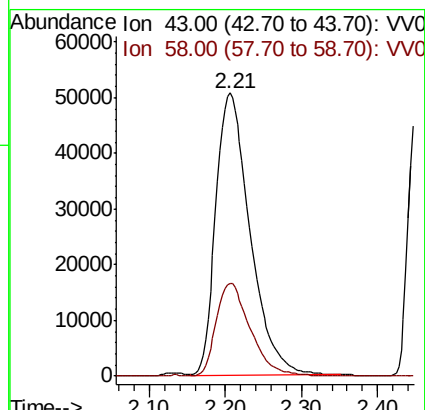
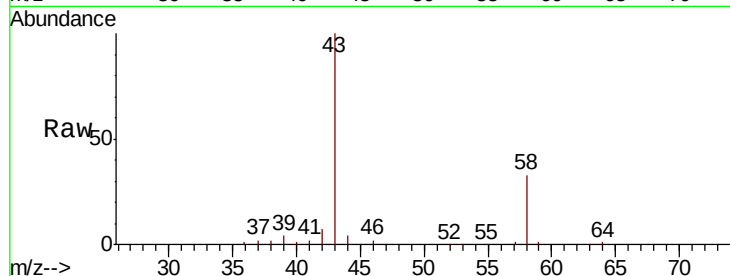
VICV306

Tot Ion: 43 Resp: 158820

Ion Ratio Lower Upper

43 100

58 32.9 0.0 65.8



#14

Carbon disulfide

Concen: 44.098 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV018408.D

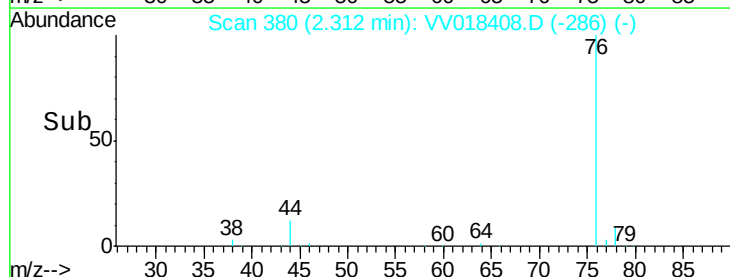
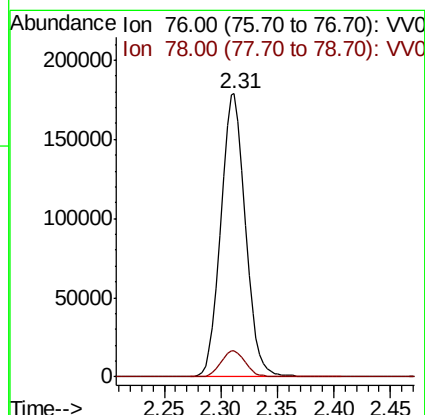
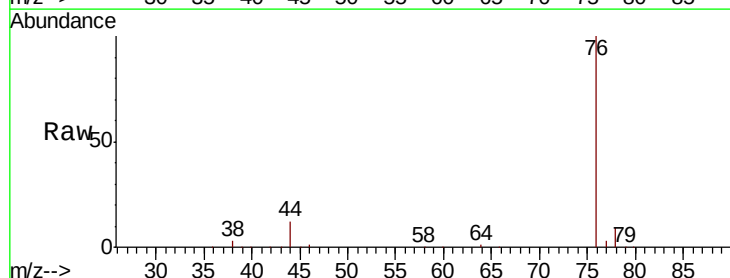
Acq: 23 Sep 2020 12:35

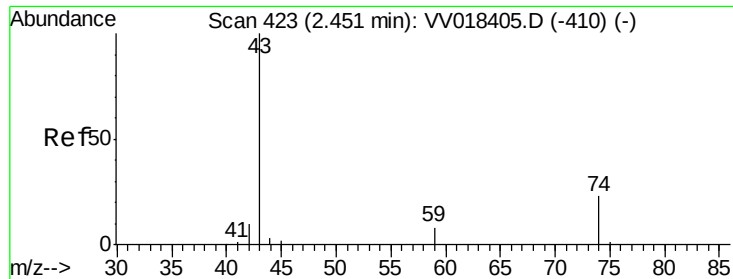
Tgt Ion: 76 Resp: 271242

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

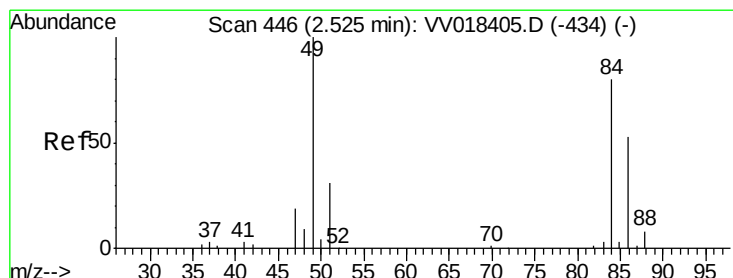
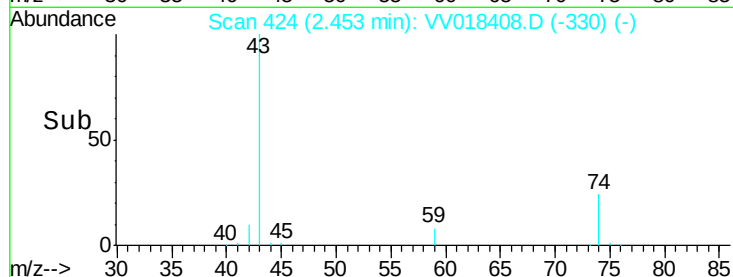
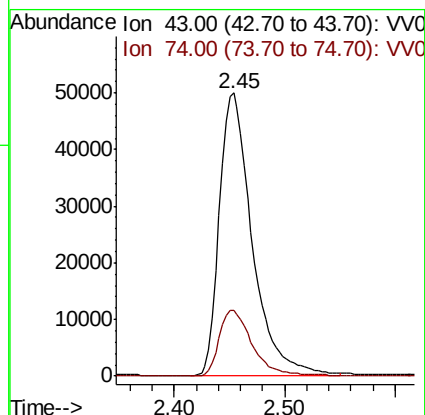
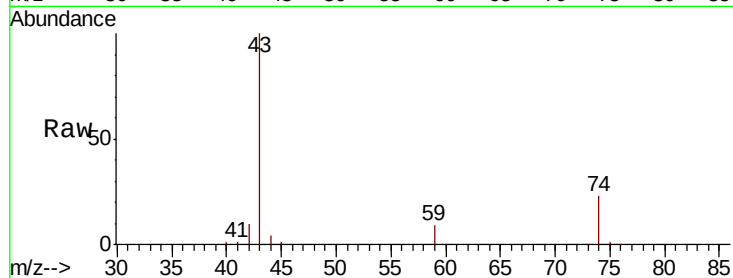




#15
Methyl Acetate
Concen: 44.253 ug/L
RT: 2.45 min Scan# 424
Delta R.T. 0.00 min
Lab File: VV018408.D
Acq: 23 Sep 2020 12:35

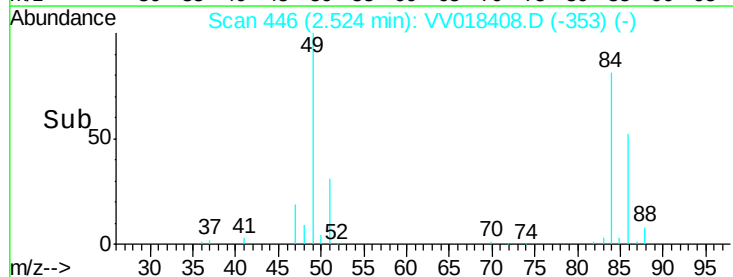
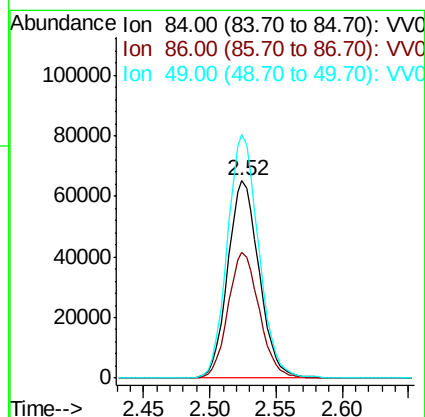
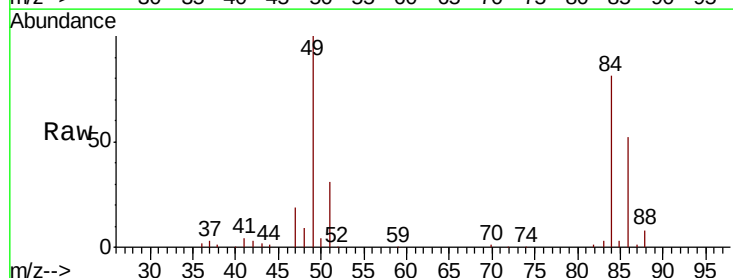
Instrument :
MSVOA_V
ClientSampled :
VICV306

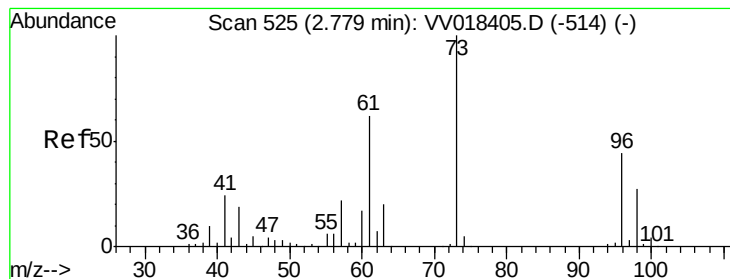
Tot Ion: 43 Resp: 102496
Ion Ratio Lower Upper
43 100
74 23.9 18.4 27.6



#16
Methylene chloride
Concen: 43.777 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.00 min
Lab File: VV018408.D
Acq: 23 Sep 2020 12:35

Tgt Ion: 84 Resp: 107369
Ion Ratio Lower Upper
84 100
86 63.7 46.0 85.4
49 123.6 87.5 162.5





#17

trans-1,2-Dichloroethene

Concen: 44.275 ug/L

RT: 2.78 min Scan# 525

Delta R.T. -0.00 min

Lab File: VV018408.D

Acq: 23 Sep 2020 12:35

Instrument :

MSVOA_V

ClientSampleId :

VICV306

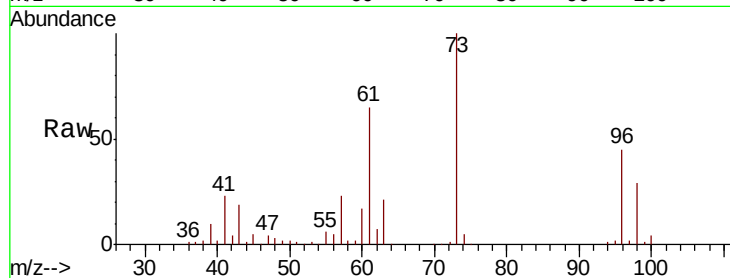
Tot Ion: 96 Resp: 97083

Ion Ratio Lower Upper

96 100

61 142.8 98.3 182.5

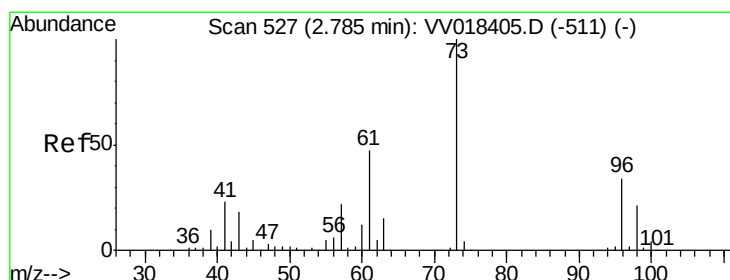
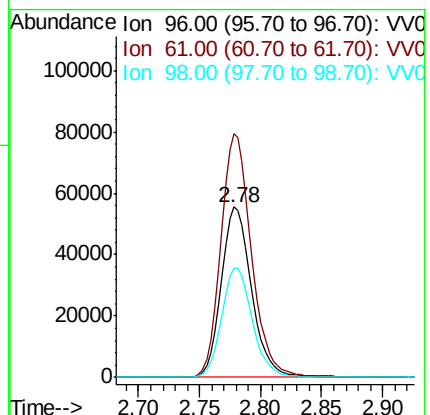
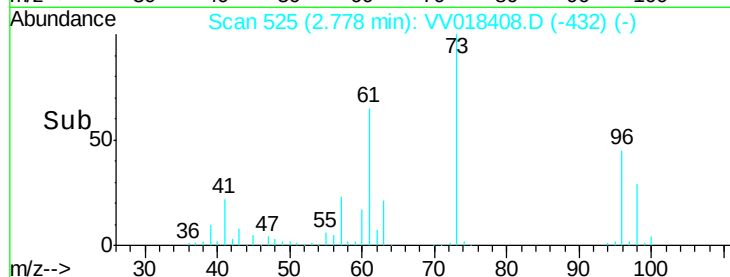
98 64.4 43.5 80.7



Abundance Ion 96.00 (95.70 to 96.70): VV018408.D (-432) (-)

Ion 61.00 (60.70 to 61.70): VV018408.D (-432) (-)

Ion 98.00 (97.70 to 98.70): VV018408.D (-432) (-)



#18

Methyl tert-butyl Ether

Concen: 44.760 ug/L

RT: 2.78 min Scan# 527

Delta R.T. -0.00 min

Lab File: VV018408.D

Acq: 23 Sep 2020 12:35

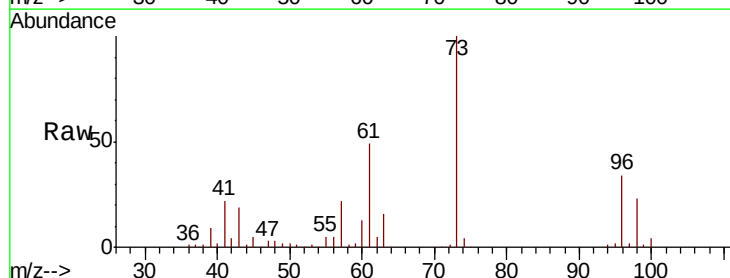
Tgt Ion: 73 Resp: 305061

Ion Ratio Lower Upper

73 100

43 18.6 15.4 23.2

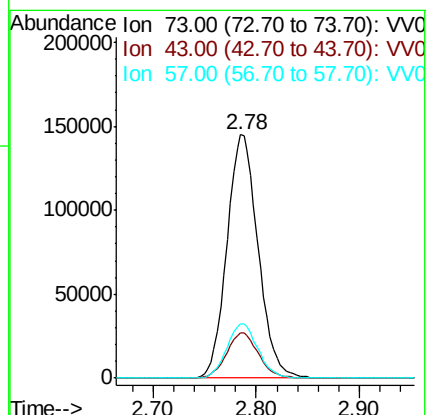
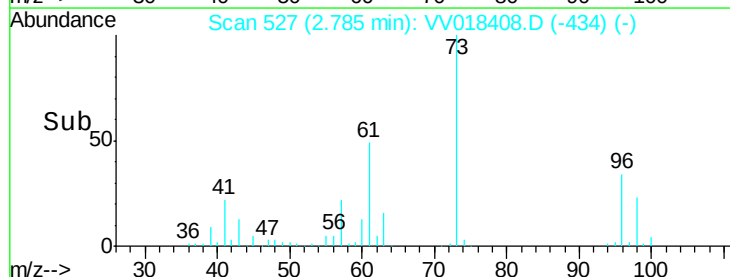
57 22.4 17.8 26.6

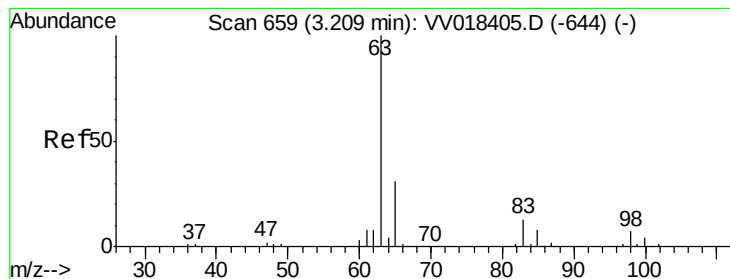


Abundance Ion 73.00 (72.70 to 73.70): VV018408.D (-434) (-)

Ion 43.00 (42.70 to 43.70): VV018408.D (-434) (-)

Ion 57.00 (56.70 to 57.70): VV018408.D (-434) (-)





#19

1,1-Dichloroethane

Concen: 43.620 ug/L

RT: 3.21 min Scan# 660

Delta R.T. 0.00 min

Lab File: VV018408.D

Acq: 23 Sep 2020 12:35

Instrument :

MSVOA_V

ClientSampleId :

VICV306

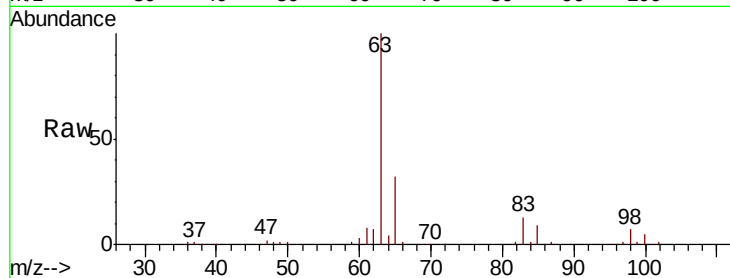
Tot Ion: 63 Resp: 185690

Ion Ratio Lower Upper

63 100

65 31.5 21.8 40.6

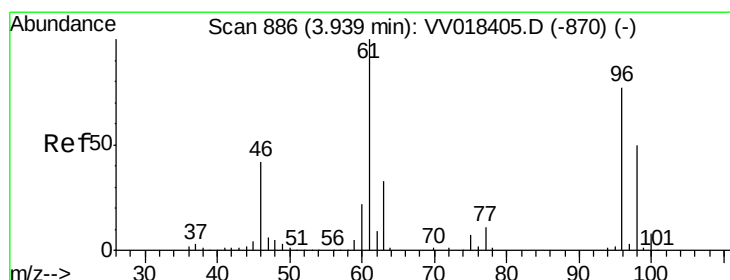
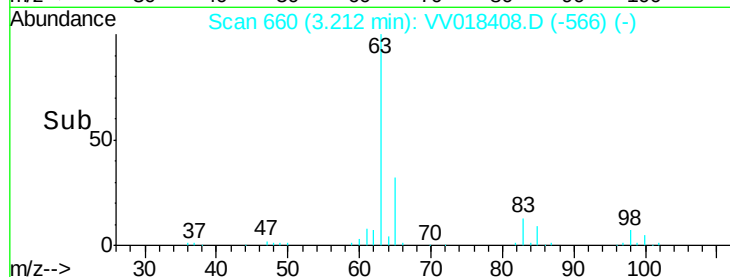
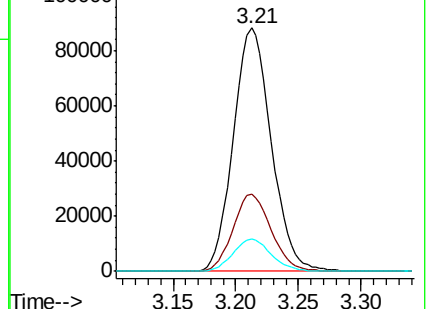
83 13.1 9.2 17.2



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 65.00 (64.70 to 65.70): VV0

Ion 83.00 (82.70 to 83.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 45.246 ug/L

RT: 3.94 min Scan# 886

Delta R.T. -0.00 min

Lab File: VV018408.D

Acq: 23 Sep 2020 12:35

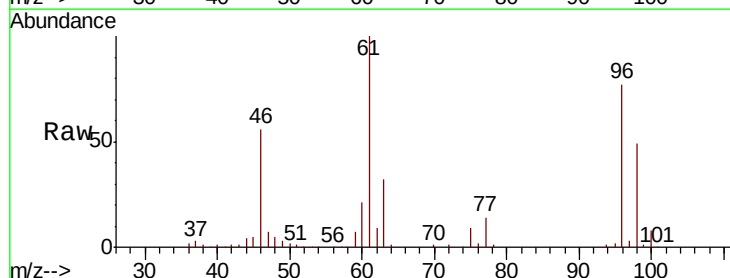
Tgt Ion: 96 Resp: 106977

Ion Ratio Lower Upper

96 100

61 129.4 90.4 167.8

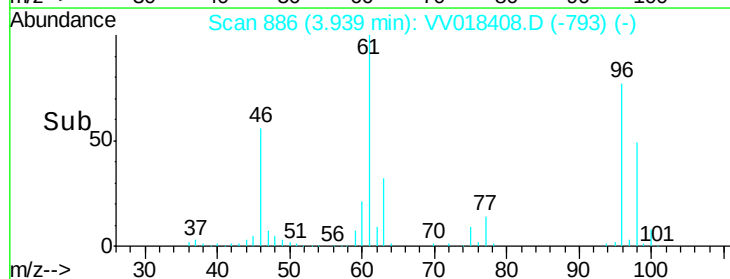
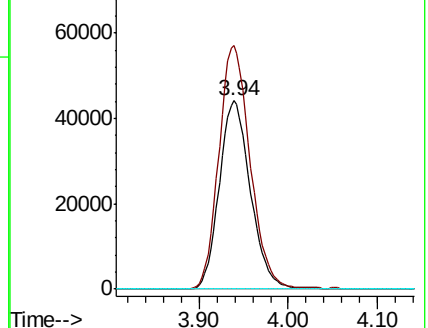
68 0.0 0.0 0.0

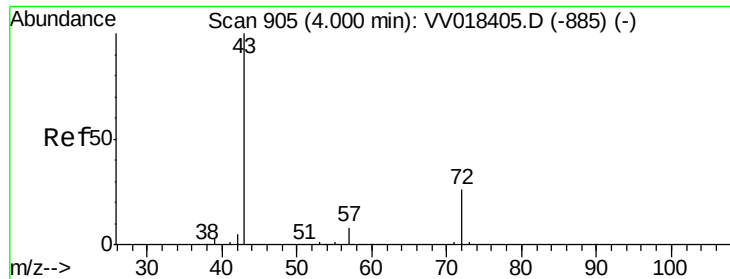


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#22

2-Butanone

Concen: 98.528 ug/L

RT: 4.00 min Scan# 906

Delta R.T. 0.00 min

Lab File: VV018408.D

Acq: 23 Sep 2020 12:35

Instrument :

MSVOA_V

ClientSampleId :

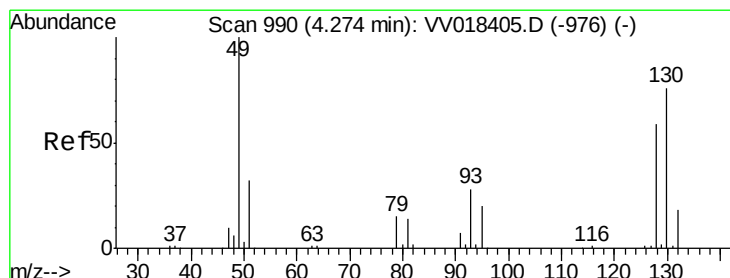
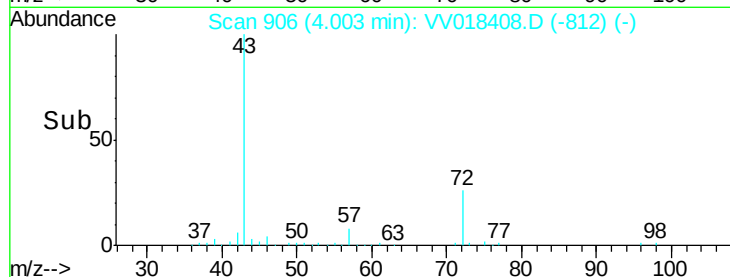
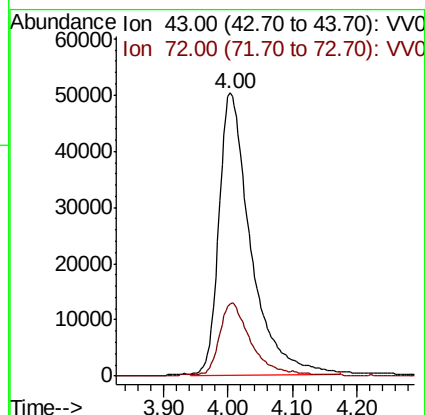
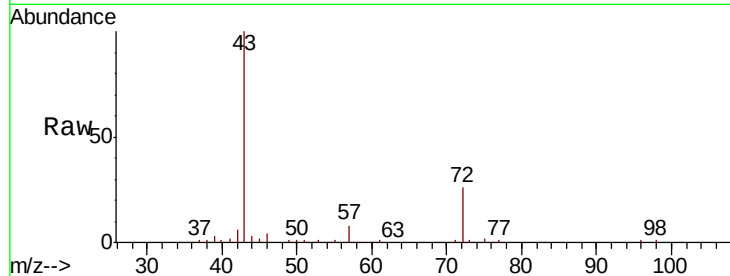
VICV306

Tot Ion: 43 Resp: 171651

Ion Ratio Lower Upper

43 100

72 24.0 12.8 38.3



#23

Bromochloromethane

Concen: 43.706 ug/L

RT: 4.28 min Scan# 991

Delta R.T. 0.00 min

Lab File: VV018408.D

Acq: 23 Sep 2020 12:35

Tgt Ion: 128 Resp: 55338

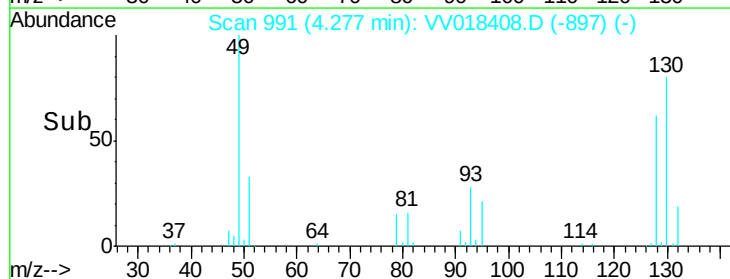
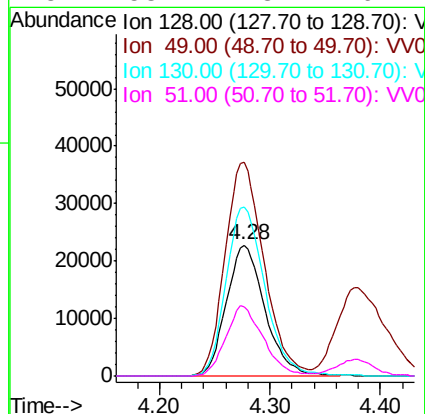
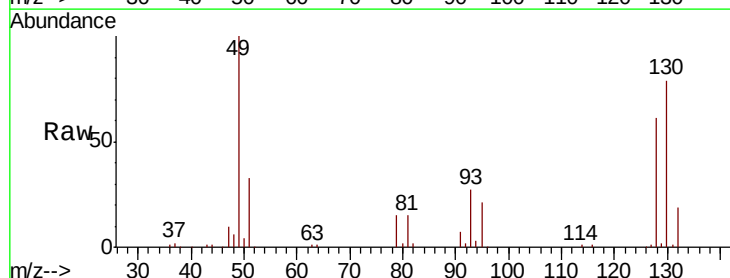
Ion Ratio Lower Upper

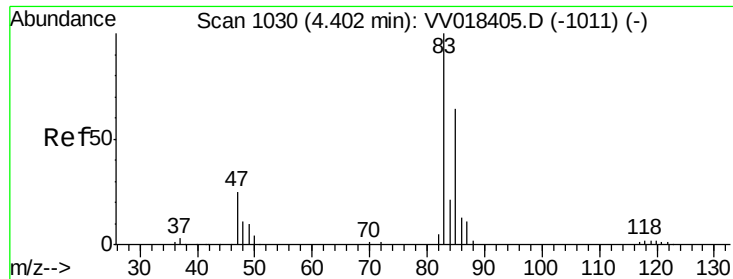
128 100

49 163.5 120.3 223.3

130 129.3 91.3 169.5

51 53.4 43.1 64.7

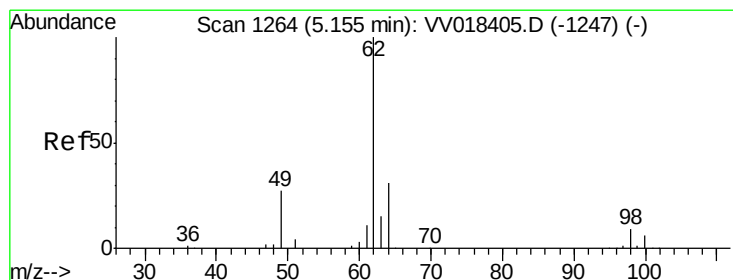
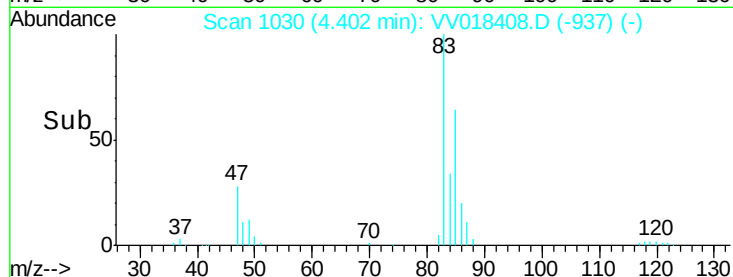
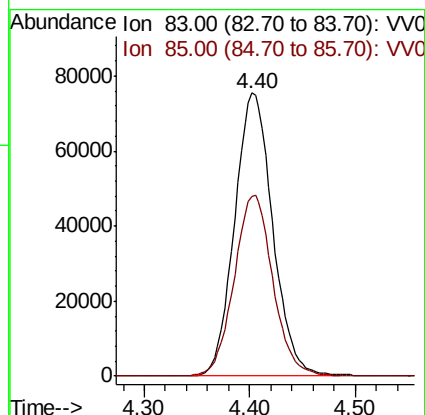
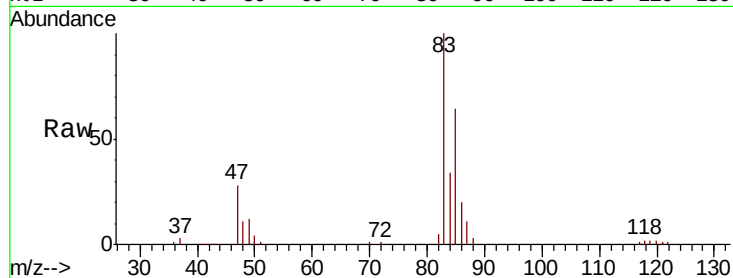




#25
Chloroform
Concen: 44.008 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV018408.D
Acq: 23 Sep 2020 12:35

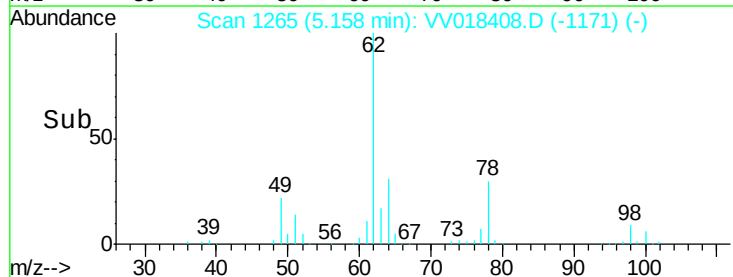
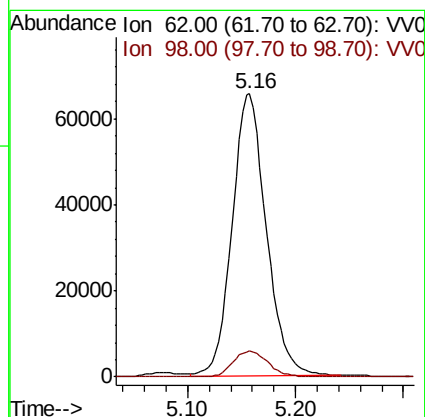
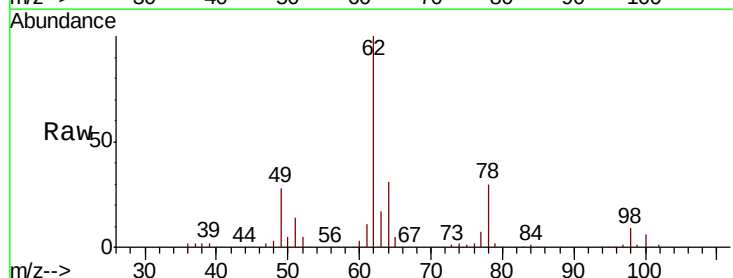
Instrument :
MSVOA_V
ClientSampleId :
VICV306

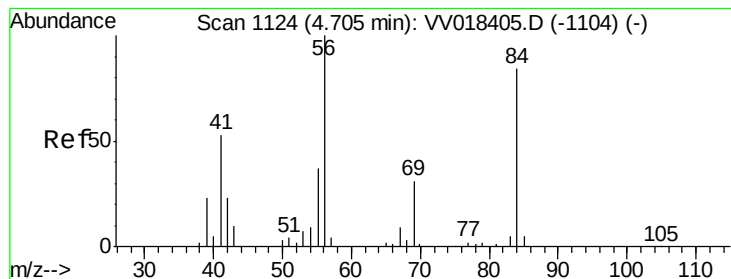
Tot Ion: 83 Resp: 189405
Ion Ratio Lower Upper
83 100
85 63.6 45.2 84.0



#27
1,2-Dichloroethane
Concen: 43.402 ug/L
RT: 5.16 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VV018408.D
Acq: 23 Sep 2020 12:35

Tgt Ion: 62 Resp: 144743
Ion Ratio Lower Upper
62 100
98 9.0 7.4 11.2





#29

Cyclohexane

Concen: 47.868 ug/L

RT: 4.70 min Scan# 1124

Delta R.T. -0.00 min

Lab File: VV018408.D

Acq: 23 Sep 2020 12:35

Instrument :

MSVOA_V

ClientSampleId :

VICV306

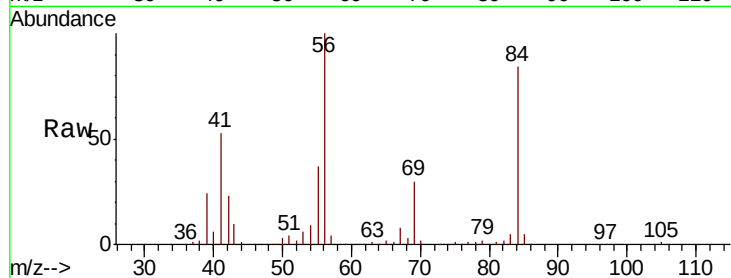
Tot Ion: 56 Resp: 168972

Ion Ratio Lower Upper

56 100

69 29.8 24.4 36.6

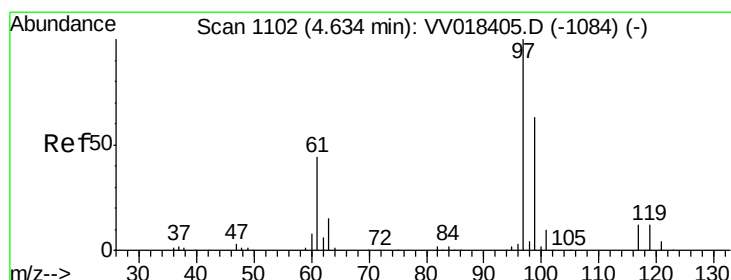
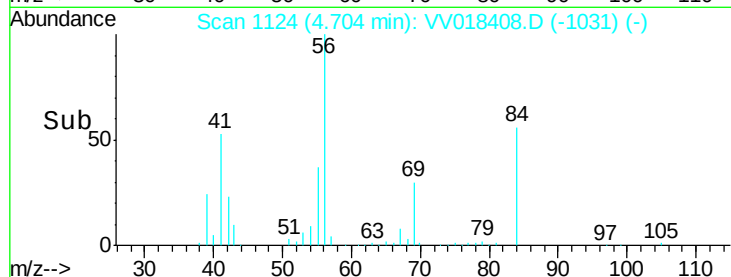
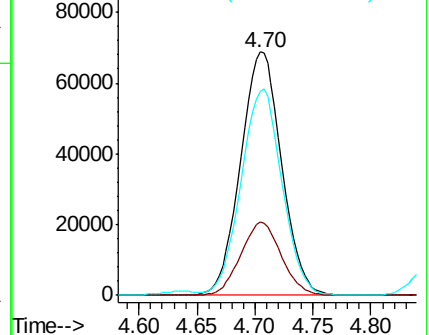
84 84.9 68.6 102.8



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: 44.461 ug/L

RT: 4.64 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VV018408.D

Acq: 23 Sep 2020 12:35

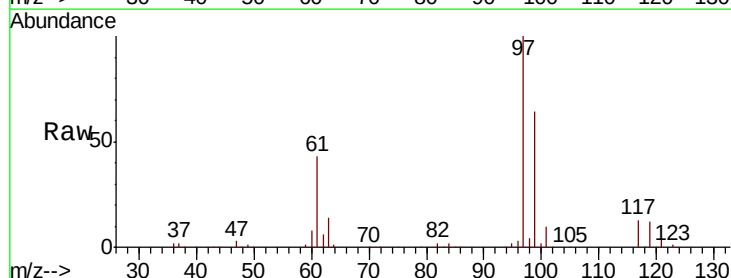
Tgt Ion: 97 Resp: 165864

Ion Ratio Lower Upper

97 100

99 64.7 50.7 76.1

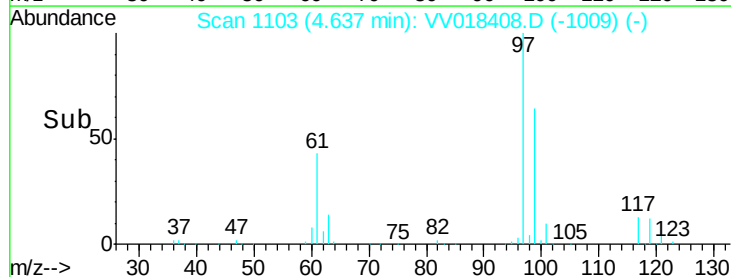
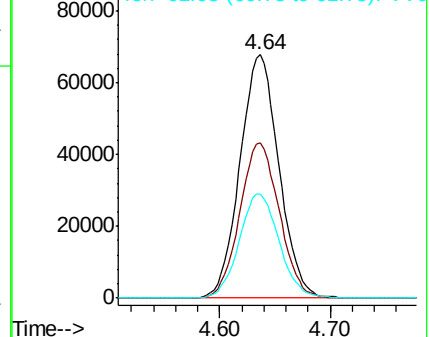
61 43.9 35.0 52.6

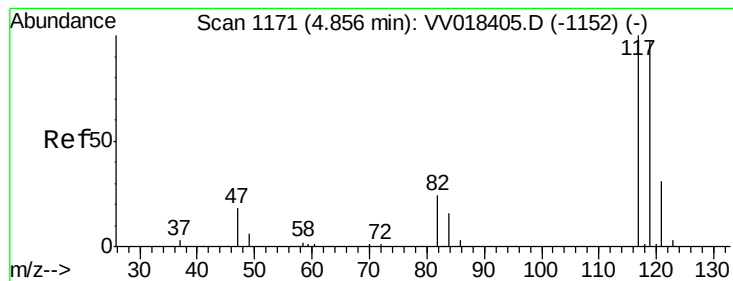


Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 61.05 (60.75 to 61.75): VV0





#31

Carbon tetrachloride

Concen: 44.576 ug/L

RT: 4.86 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VV018408.D

Acq: 23 Sep 2020 12:35

Instrument :

MSVOA_V

ClientSampleId :

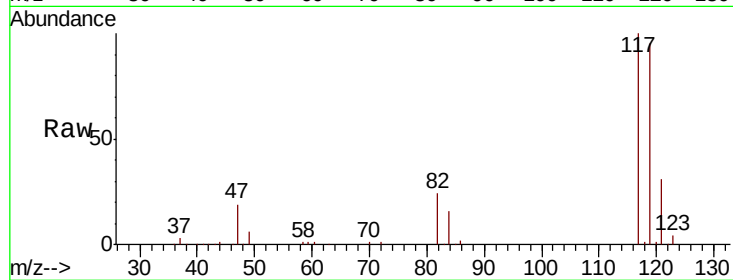
VICV306

Tot Ion:117 Resp: 144970

Ion Ratio Lower Upper

117 100

119 95.6 76.7 115.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

4.86

60000

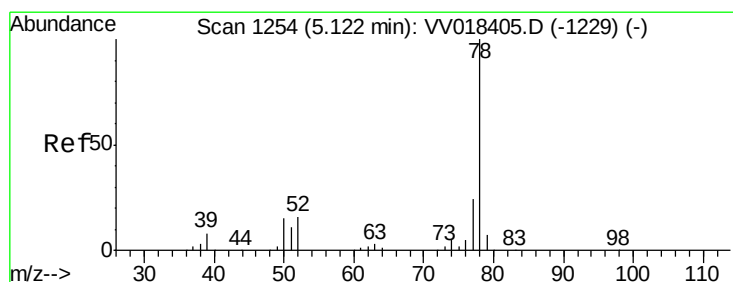
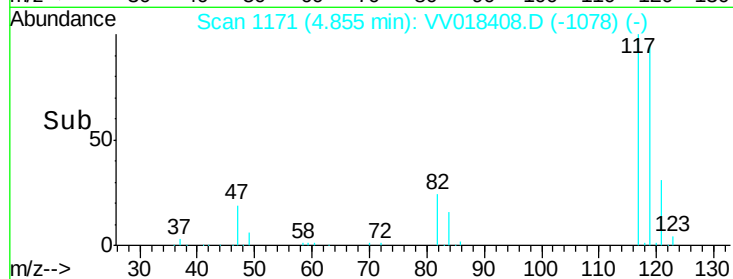
40000

20000

0

Time-->

4.80 4.90 5.00



#33

Benzene

Concen: 45.348 ug/L

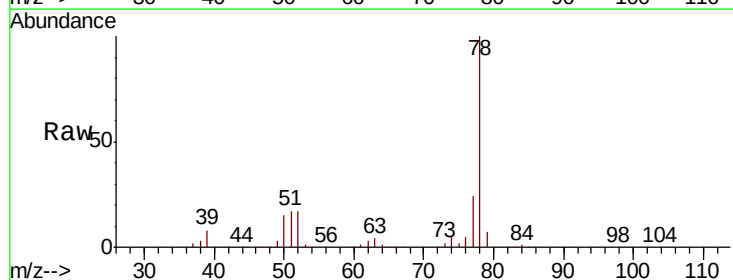
RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VV018408.D

Acq: 23 Sep 2020 12:35

Tgt Ion: 78 Resp: 411943



Abundance Ion 78.00 (77.70 to 78.70): VV0

5.13

200000

150000

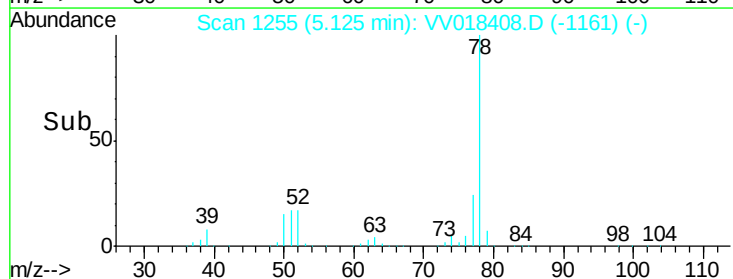
100000

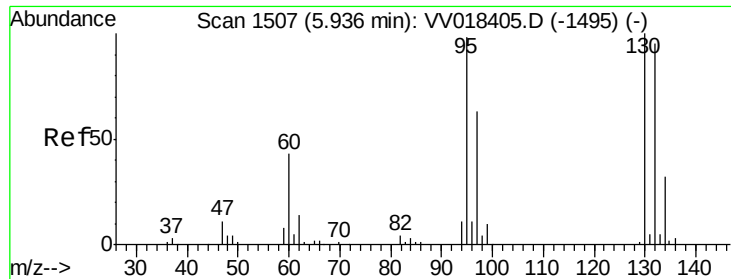
50000

0

Time-->

5.00 5.10 5.20





#34

Trichloroethene

Concen: 44.518 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018408.D

Acq: 23 Sep 2020 12:35

Instrument :

MSVOA_V

ClientSampleId :

VICV306

Tot Ion: 95 Resp: 111175

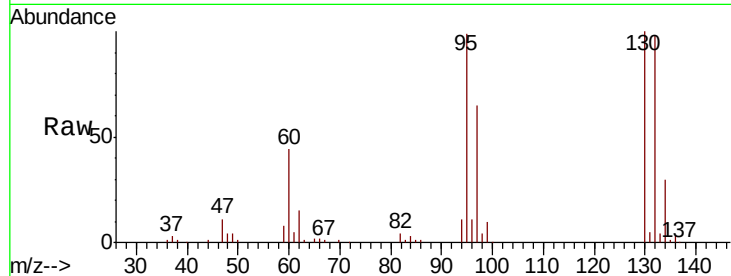
Ion Ratio Lower Upper

95 100

97 65.4 44.7 83.1

132 98.9 67.8 126.0

130 101.2 71.5 132.7

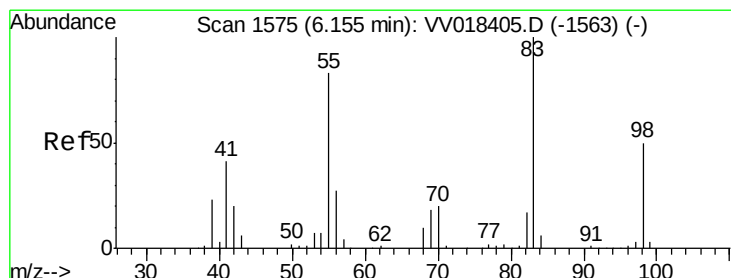
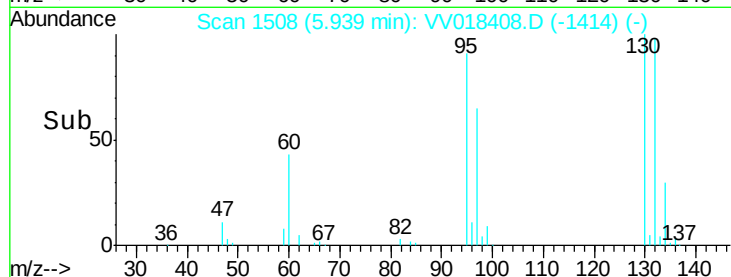
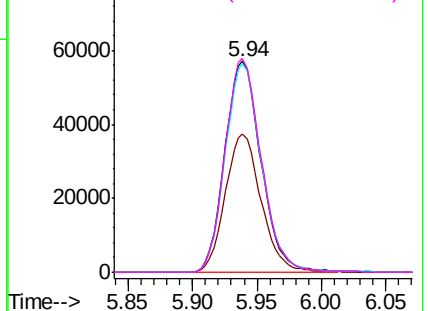


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#35

Methylcyclohexane

Concen: 47.694 ug/L

RT: 6.15 min Scan# 1575

Delta R.T. -0.00 min

Lab File: VV018408.D

Acq: 23 Sep 2020 12:35

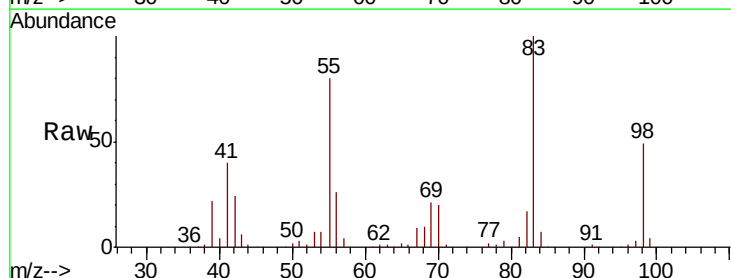
Tgt Ion: 83 Resp: 172930

Ion Ratio Lower Upper

83 100

55 79.0 63.6 95.4

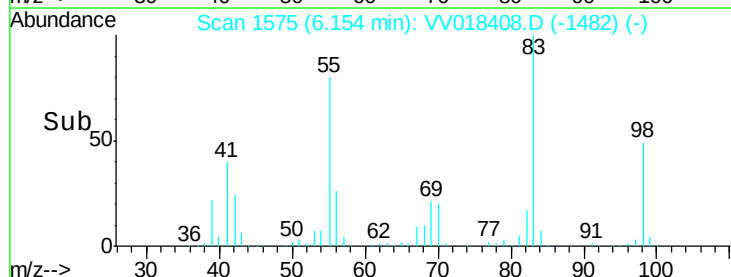
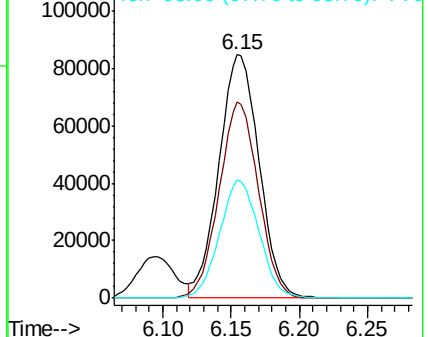
98 48.0 38.6 58.0

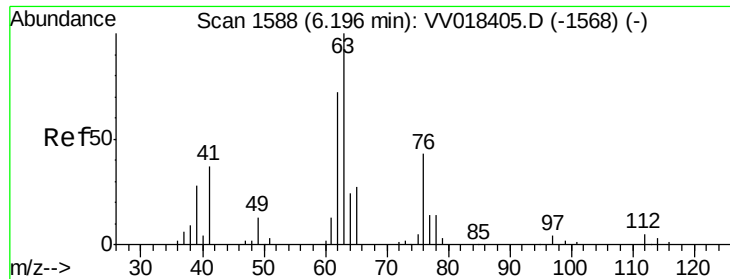


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

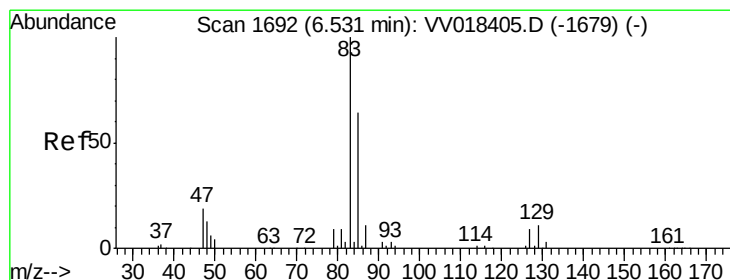
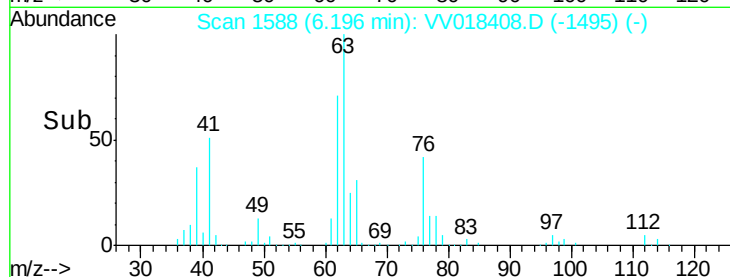
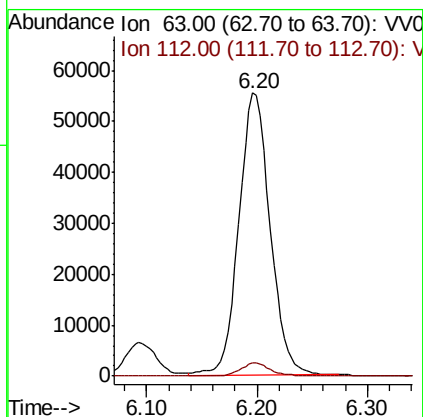
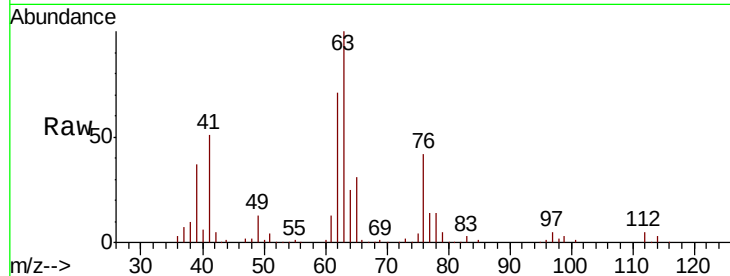




#37
 1,2-Dichloropropane
 Concen: 45.390 ug/L
 RT: 6.20 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: VV018408.D
 Acq: 23 Sep 2020 12:35

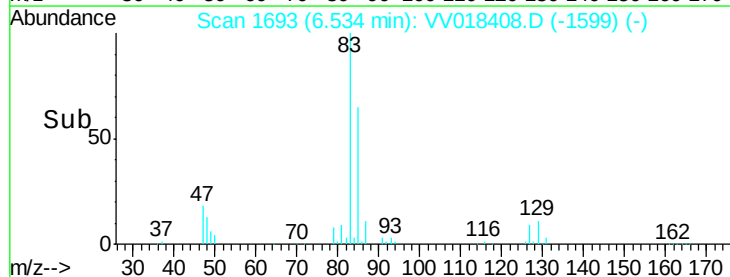
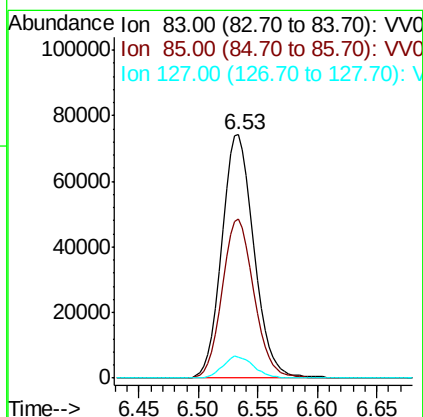
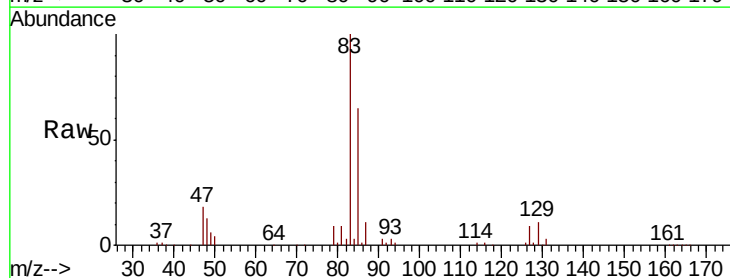
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV306

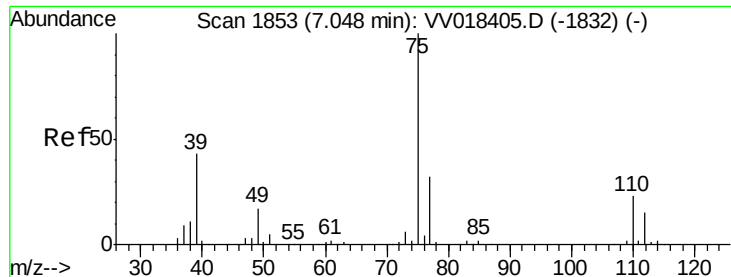
Tot Ion: 63 Resp: 109028
 Ion Ratio Lower Upper
 63 100
 112 4.4 3.7 5.5



#38
 Bromodichloromethane
 Concen: 44.282 ug/L
 RT: 6.53 min Scan# 1693
 Delta R.T. 0.00 min
 Lab File: VV018408.D
 Acq: 23 Sep 2020 12:35

Tgt Ion: 83 Resp: 139204
 Ion Ratio Lower Upper
 83 100
 85 65.1 45.1 83.9
 127 8.7 6.8 10.2

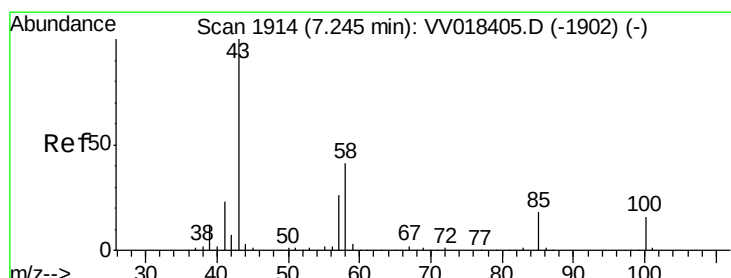
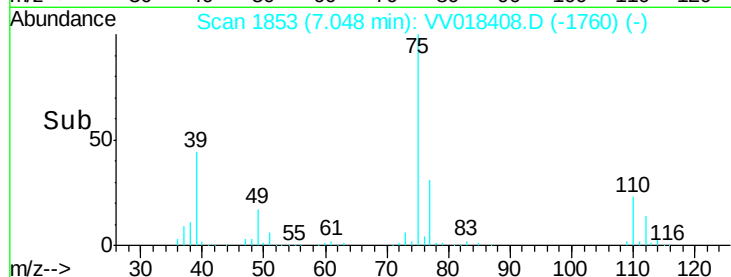
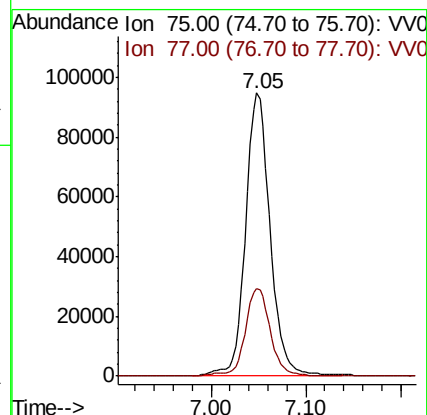
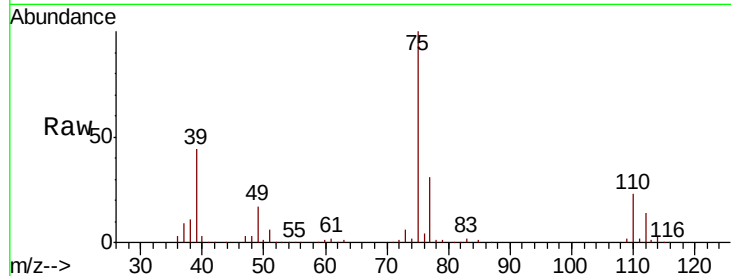




#39
 cis-1,3-Dichloropropene
 Concen: 47.570 ug/L
 RT: 7.05 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VV018408.D
 Acq: 23 Sep 2020 12:35

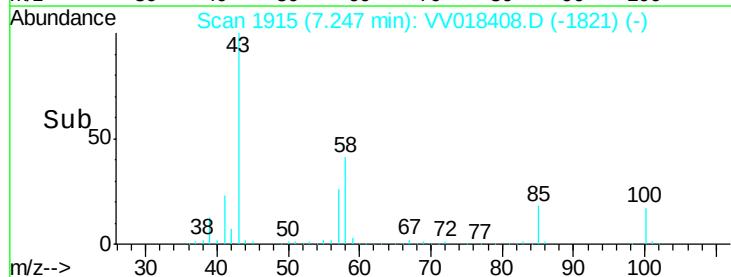
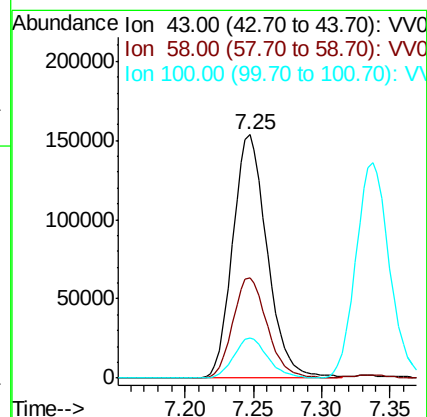
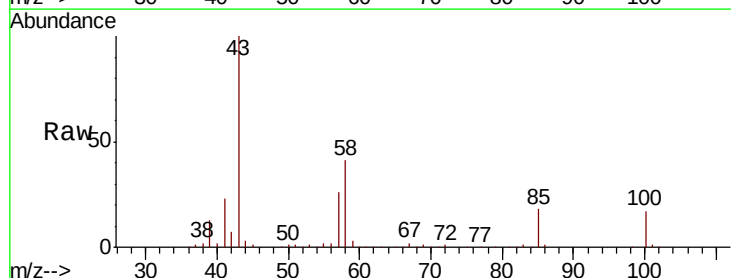
Instrument :
 MSVOA_V
 ClientSampled :
 VICV306

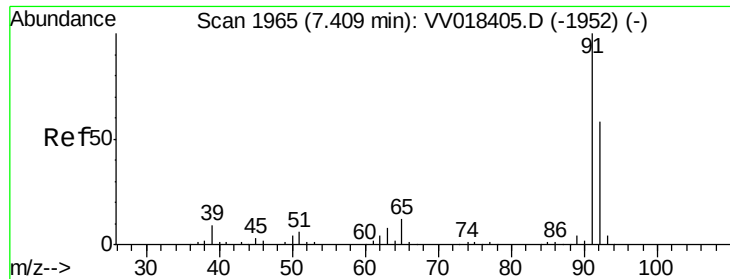
Tot Ion: 75 Resp: 171413
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.7 42.1



#40
 4-Methyl-2-pentanone
 Concen: 94.715 ug/L
 RT: 7.25 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VV018408.D
 Acq: 23 Sep 2020 12:35

Tgt Ion: 43 Resp: 270000
 Ion Ratio Lower Upper
 43 100
 58 40.8 32.4 48.6
 100 16.2 13.0 19.4





#42

Toluene

Concen: 46.397 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VV018408.D

Acq: 23 Sep 2020 12:35

Instrument :

MSVOA_V

ClientSampled :

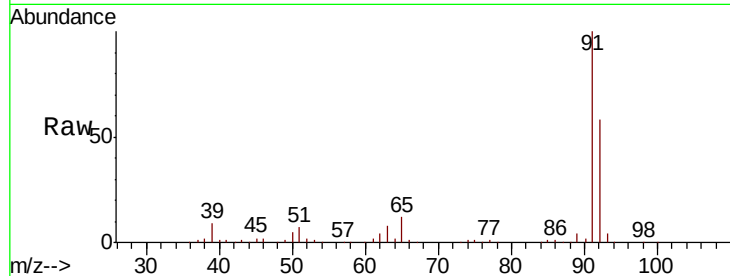
VICV306

Tot Ion: 91 Resp: 442174

Ion Ratio Lower Upper

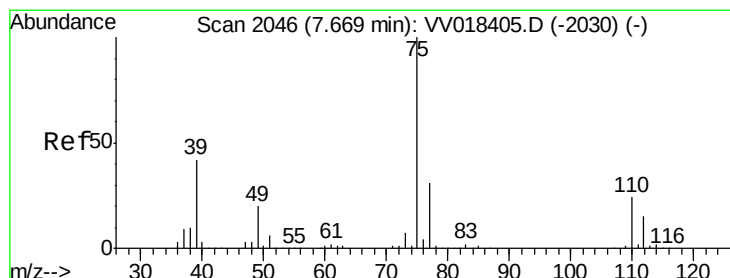
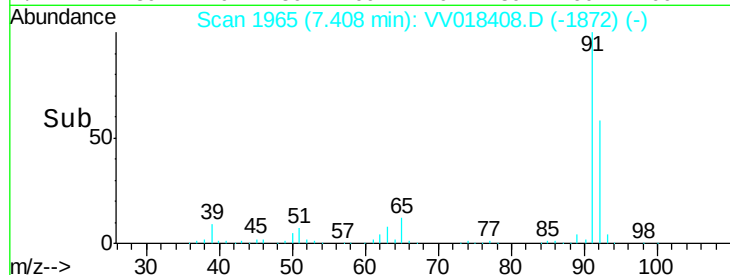
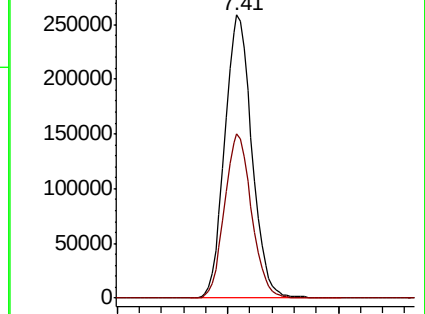
91 100

92 58.1 40.7 75.7



Abundance Ion 91.00 (90.70 to 91.70): VV018408.D (-1872) (-)

Ion 92.00 (91.70 to 92.70): VV018408.D (-1872) (-)



#44

trans-1,3-Dichloropropene

Concen: 46.802 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VV018408.D

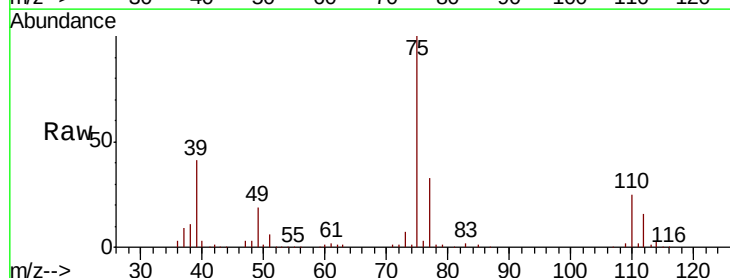
Acq: 23 Sep 2020 12:35

Tgt Ion: 75 Resp: 167211

Ion Ratio Lower Upper

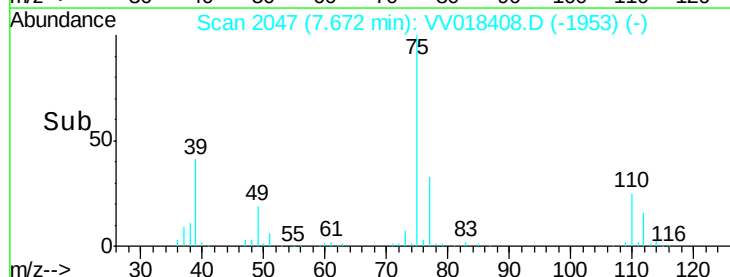
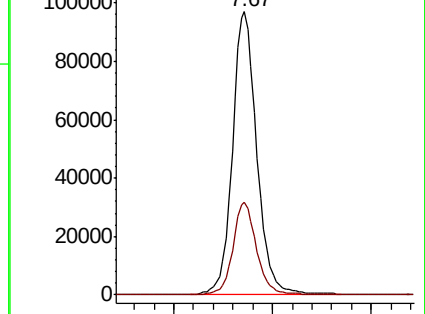
75 100

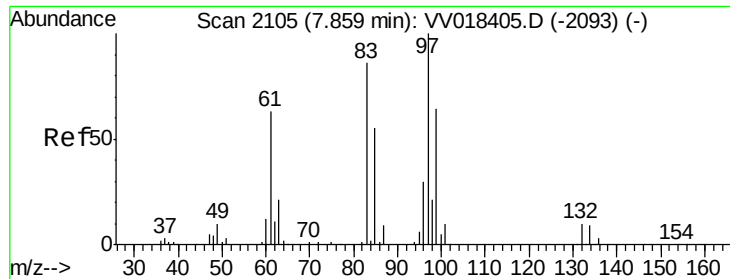
77 32.6 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VV018408.D (-1953) (-)

Ion 77.00 (76.70 to 77.70): VV018408.D (-1953) (-)

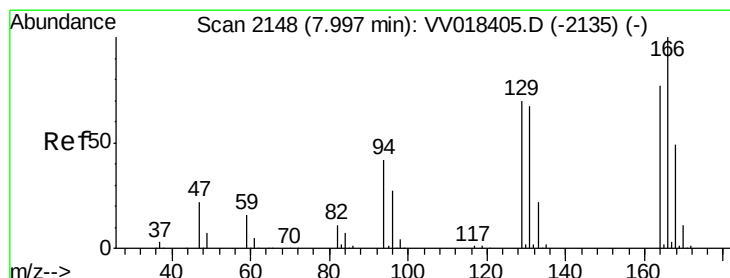
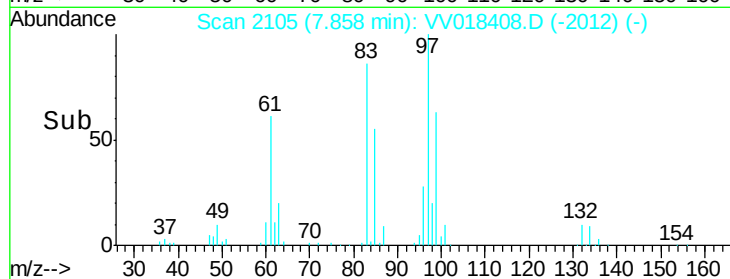
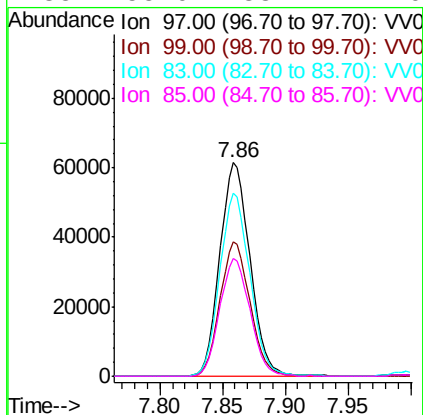
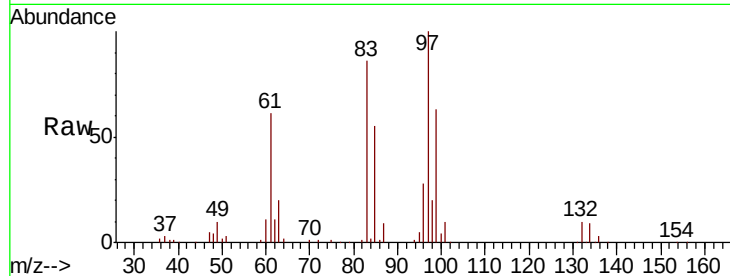




#45
 1,1,2-Trichloroethane
 Concen: 45.581 ug/L
 RT: 7.86 min Scan# 2105
 Delta R.T. -0.00 min
 Lab File: VV018408.D
 Acq: 23 Sep 2020 12:35

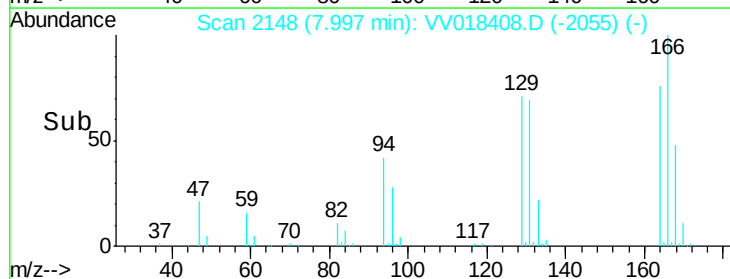
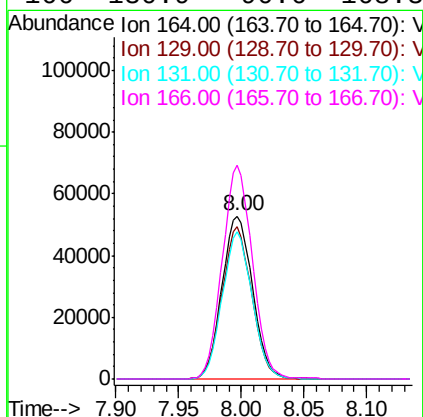
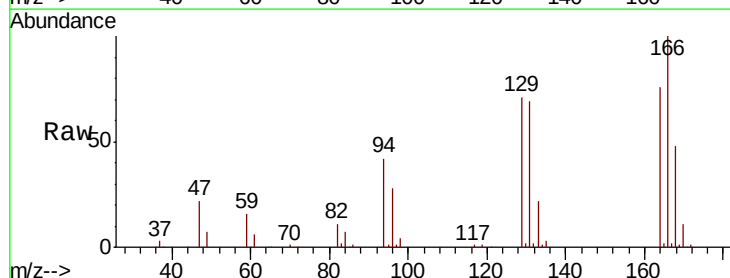
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV306

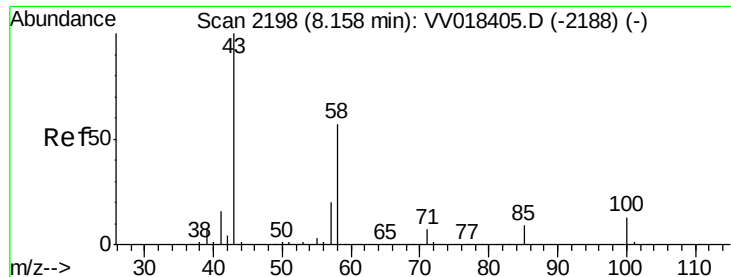
Tot Ion:	97	Resp:	103107
Ion	Ratio	Lower	Upper
97	100		
99	62.8	44.6	82.8
83	85.9	60.5	112.5
85	55.0	38.2	71.0



#46
 Tetrachloroethene
 Concen: 45.774 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: VV018408.D
 Acq: 23 Sep 2020 12:35

Tgt Ion:	164	Resp:	89512
Ion	Ratio	Lower	Upper
164	100		
129	93.2	63.7	118.3
131	90.0	60.6	112.6
166	130.9	90.6	168.3

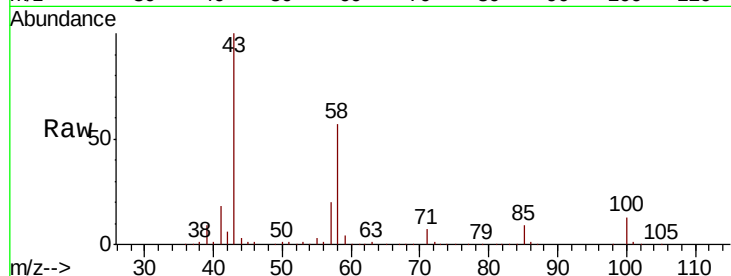




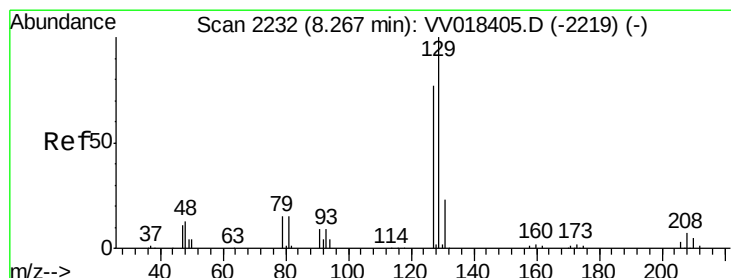
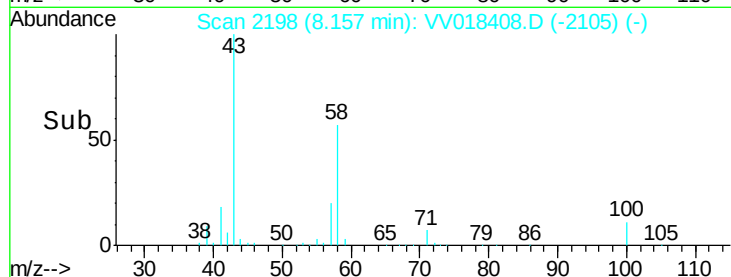
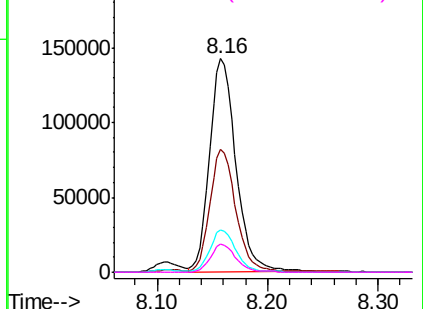
#48
2-Hexanone
Concen: 97.458 ug/L
RT: 8.16 min Scan# 2198
Delta R.T. -0.00 min
Lab File: VV018408.D
Acq: 23 Sep 2020 12:35

Instrument :
MSVOA_V
ClientSampleId :
VICV306

Tot Ion: 43 Resp: 235456
Ion Ratio Lower Upper
43 100
58 56.7 45.4 68.0
57 19.6 16.0 24.0
100 13.0 10.1 15.1

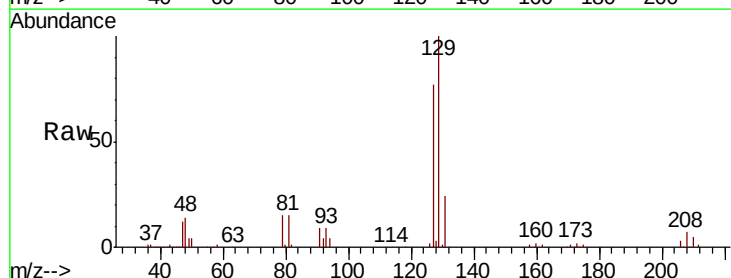


Abundance Ion 43.00 (42.70 to 43.70): VV018408.D (-2198) (-)
Ion 58.00 (57.70 to 58.70): VV018408.D (-2198) (-)
Ion 57.00 (56.70 to 57.70): VV018408.D (-2198) (-)
Ion 100.00 (99.70 to 100.70): VV018408.D (-2198) (-)

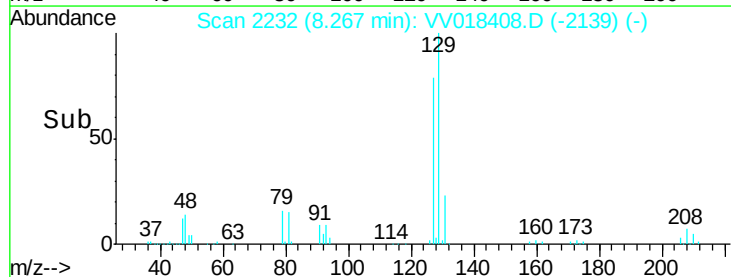
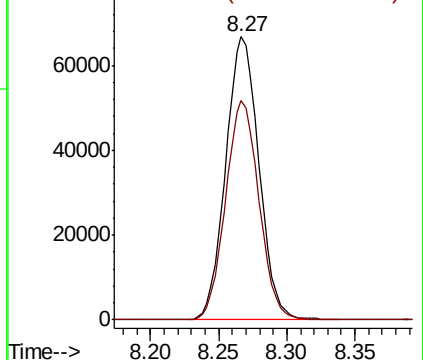


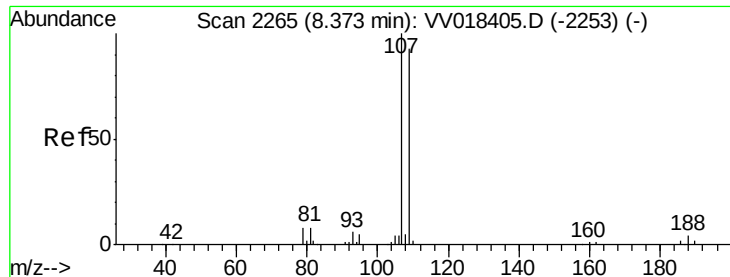
#49
Dibromochloromethane
Concen: 44.941 ug/L
RT: 8.27 min Scan# 2232
Delta R.T. -0.00 min
Lab File: VV018408.D
Acq: 23 Sep 2020 12:35

Tgt Ion: 129 Resp: 113174
Ion Ratio Lower Upper
129 100
127 77.3 53.5 99.5



Abundance Ion 129.00 (128.70 to 129.70): VV018408.D (-2232) (-)
Ion 127.00 (126.70 to 127.70): VV018408.D (-2232) (-)

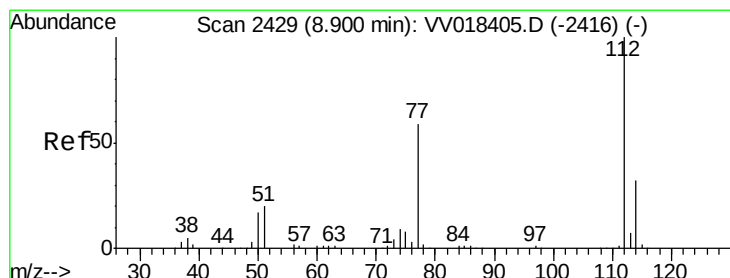
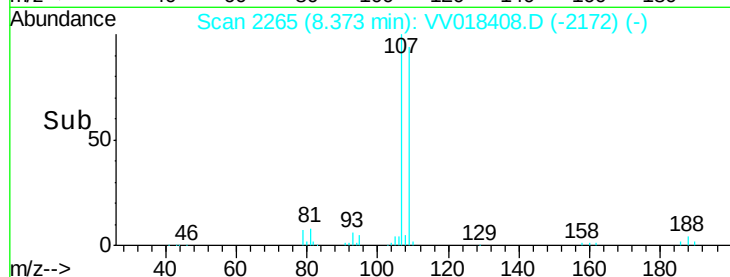
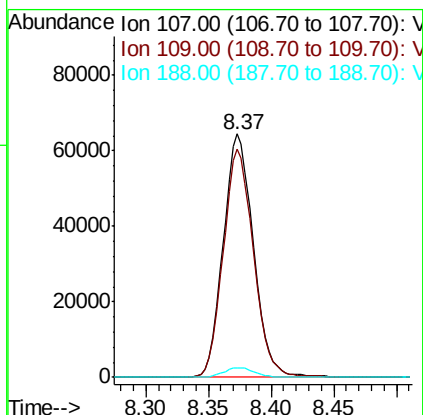
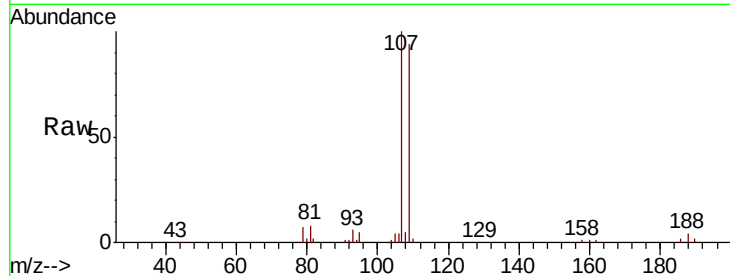




#50
1,2-Dibromoethane
Concen: 45.604 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. -0.00 min
Lab File: VV018408.D
Acq: 23 Sep 2020 12:35

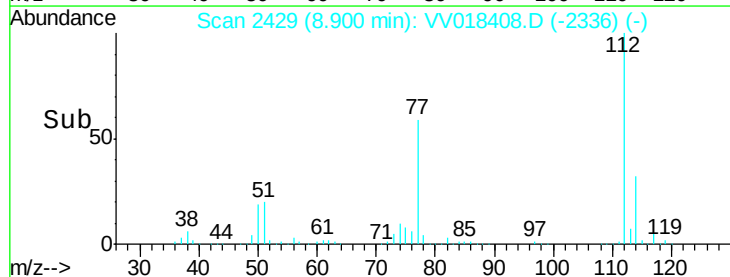
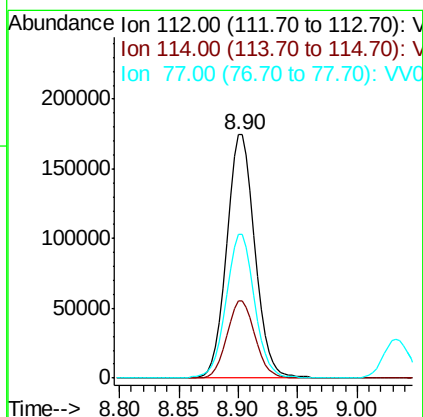
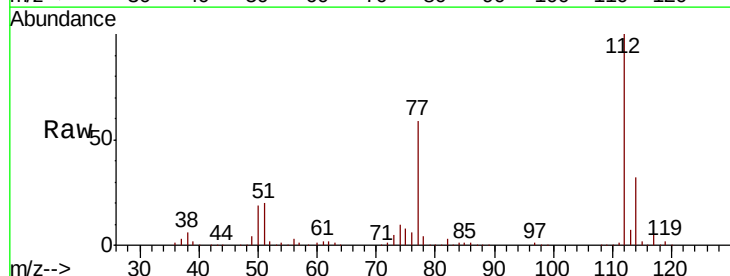
Instrument :
MSVOA_V
ClientSampleId :
VICV306

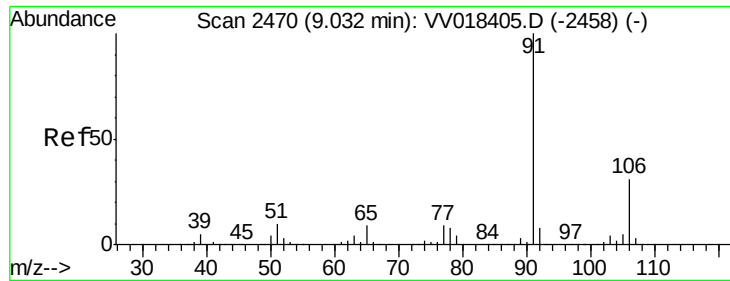
Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	64.9	120.5
188	4.0	3.4	5.0



#51
Chlorobenzene
Concen: 45.029 ug/L
RT: 8.90 min Scan# 2429
Delta R.T. -0.00 min
Lab File: VV018408.D
Acq: 23 Sep 2020 12:35

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.2	41.2
77	59.1	47.4	71.2





#52

Ethylbenzene

Concen: 47.073 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VV018408.D

Acq: 23 Sep 2020 12:35

Instrument :

MSVOA_V

ClientSampleId :

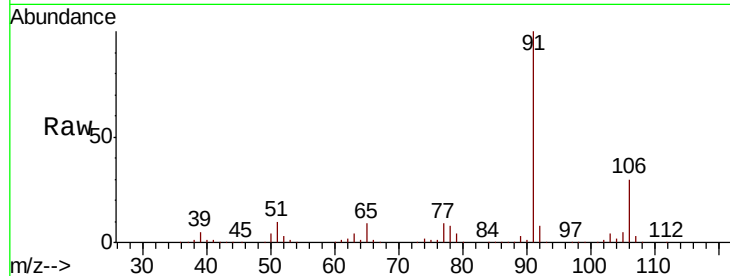
VICV306

Tot Ion: 91 Resp: 493719

Ion Ratio Lower Upper

91 100

106 30.4 21.4 39.8



Abundance Ion 91.00 (90.70 to 91.70): VV018408.D (-2377) (-)

Ion 106.00 (105.70 to 106.70): VV018408.D (-2377) (-)

9.03

300000

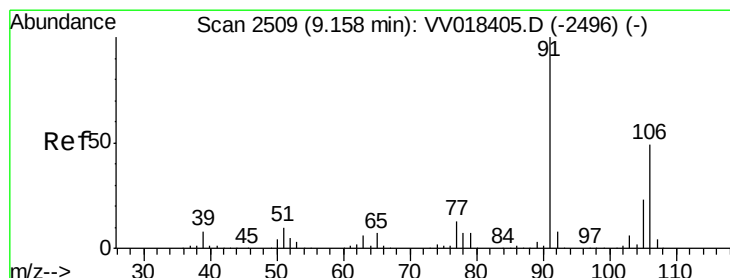
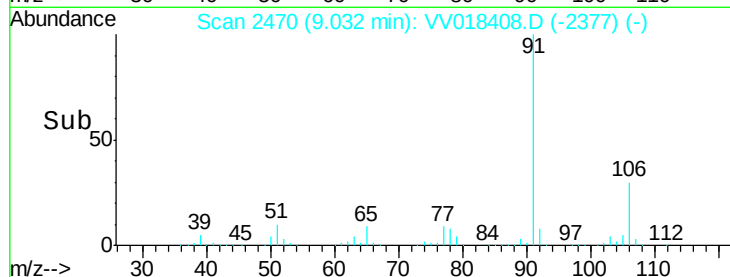
200000

100000

0

8.95 9.00 9.05 9.10 9.15

Time-->



#53

m,p-Xylene

Concen: 48.010 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VV018408.D

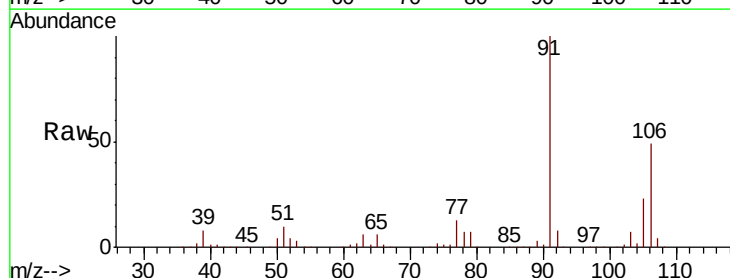
Acq: 23 Sep 2020 12:35

Tgt Ion: 106 Resp: 188026

Ion Ratio Lower Upper

106 100

91 205.3 143.4 266.4



Abundance Ion 106.00 (105.70 to 106.70): VV018408.D (-2416) (-)

Ion 91.00 (90.70 to 91.70): VV018408.D (-2416) (-)

9.16

250000

200000

150000

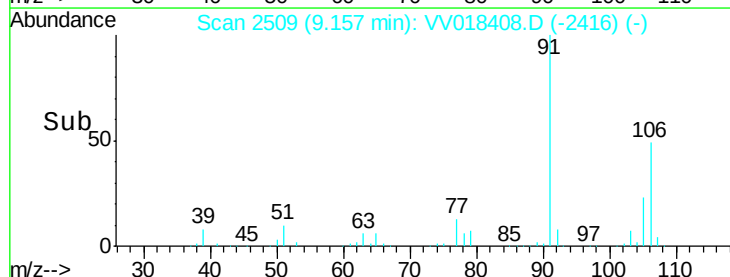
100000

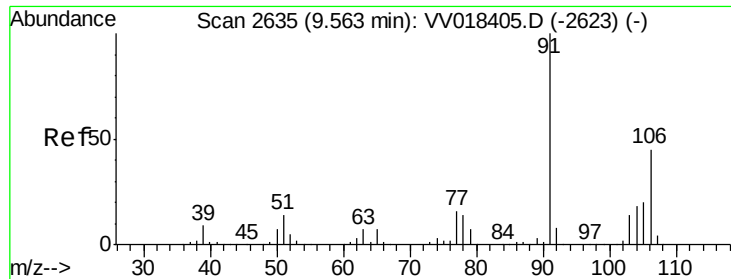
50000

0

9.10 9.15 9.20 9.25

Time-->





#54

o-Xylene

Concen: 47.011 ug/L

RT: 9.56 min Scan# 2635

Delta R.T. -0.00 min

Lab File: VV018408.D

Acq: 23 Sep 2020 12:35

Instrument :

MSVOA_V

ClientSampleId :

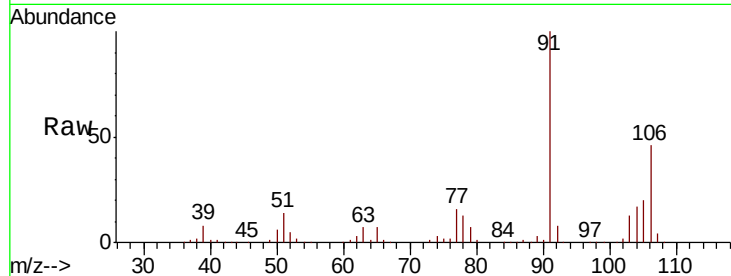
VICV306

Tot Ion:106 Resp: 177387

Ion Ratio Lower Upper

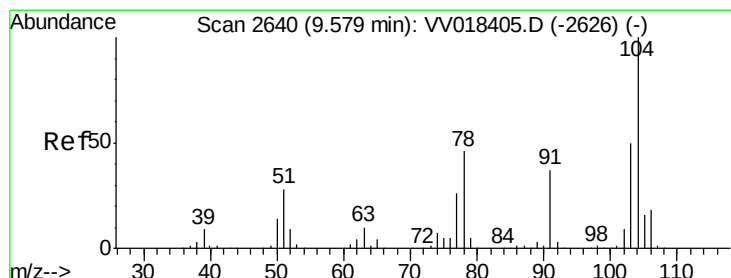
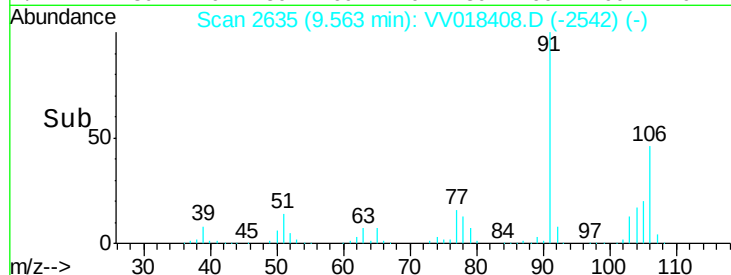
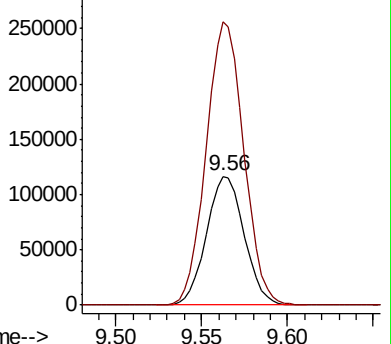
106 100

91 219.2 154.7 287.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

Styrene

Concen: 48.139 ug/L

RT: 9.58 min Scan# 2640

Delta R.T. -0.00 min

Lab File: VV018408.D

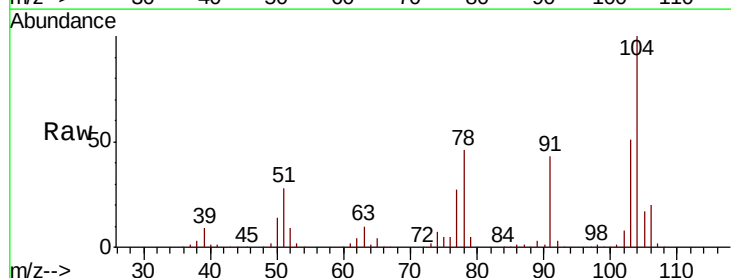
Acq: 23 Sep 2020 12:35

Tgt Ion:104 Resp: 317721

Ion Ratio Lower Upper

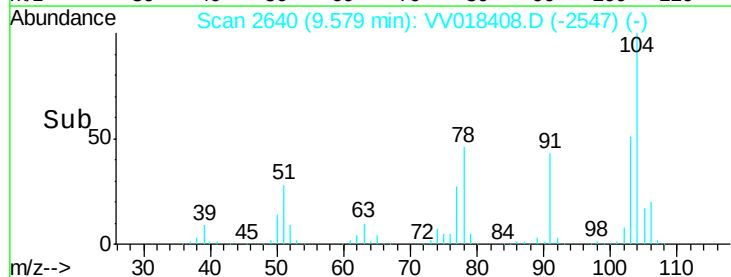
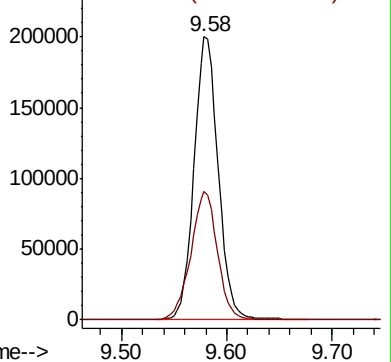
104 100

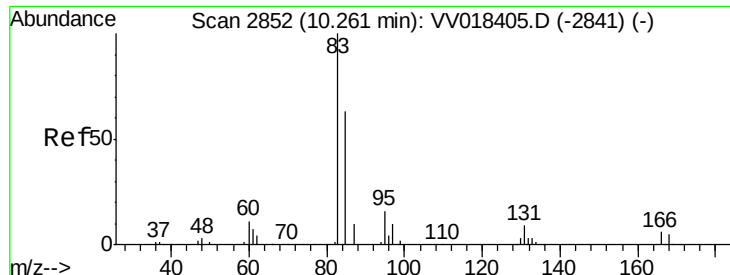
78 45.6 32.1 59.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0





#57

1,1,2,2-Tetrachloroethane

Concen: 46.100 ug/L

RT: 10.26 min Scan# 2852

Delta R.T. -0.00 min

Lab File: VV018408.D

Acq: 23 Sep 2020 12:35

Instrument :

MSVOA_V

ClientSampled :

VICV306

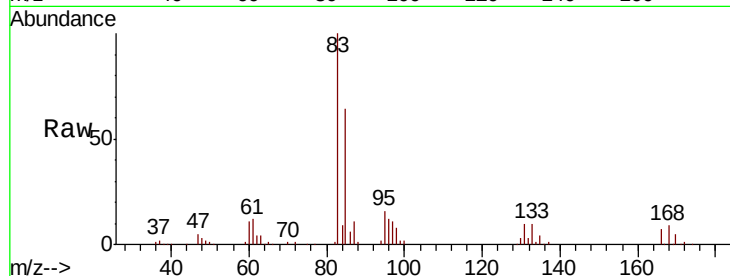
Tot Ion: 83 Resp: 152032

Ion Ratio Lower Upper

83 100

85 64.1 44.4 82.5

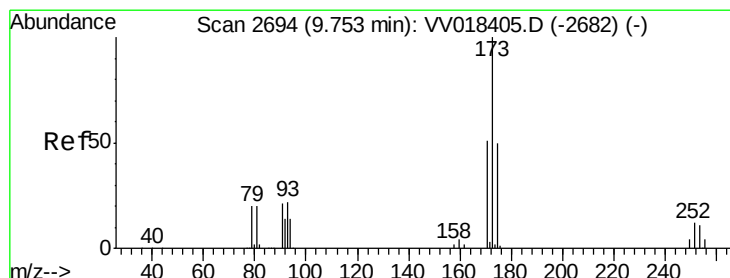
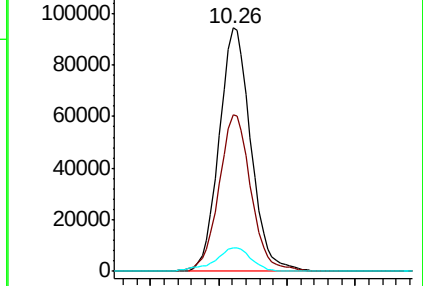
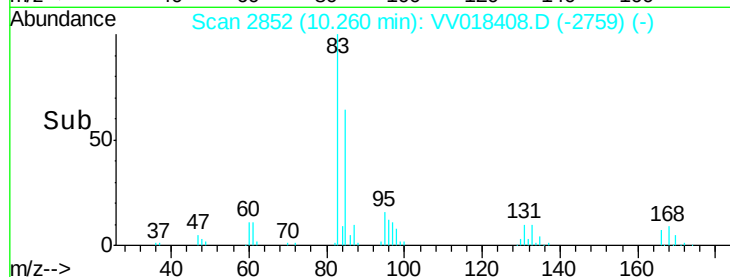
131 9.7 7.8 11.6



Abundance Ion 83.00 (82.70 to 83.70): VV018408.D (-2759) (-)

Ion 85.00 (84.70 to 85.70): VV018408.D (-2759) (-)

Ion 131.00 (130.70 to 131.70): VV018408.D (-2759) (-)



#59

Bromoform

Concen: 45.275 ug/L

RT: 9.75 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VV018408.D

Acq: 23 Sep 2020 12:35

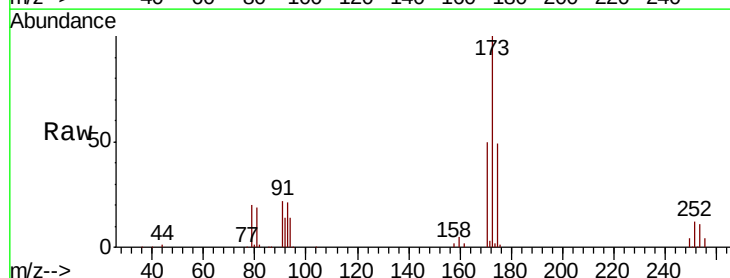
Tgt Ion: 173 Resp: 85499

Ion Ratio Lower Upper

173 100

175 48.4 39.4 59.2

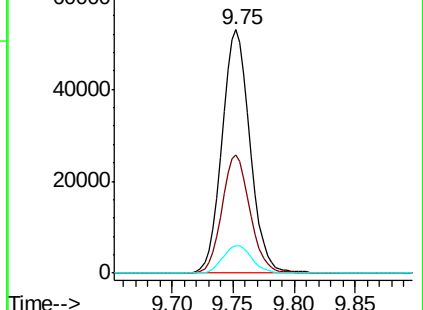
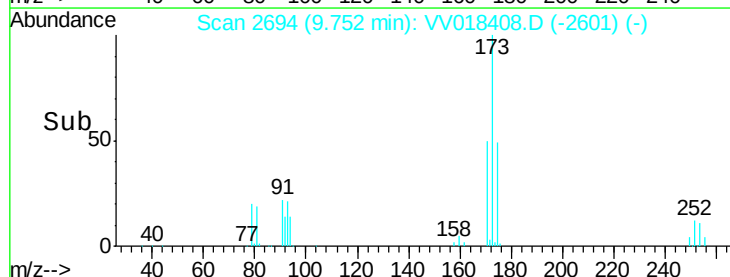
254 11.7 8.7 13.1

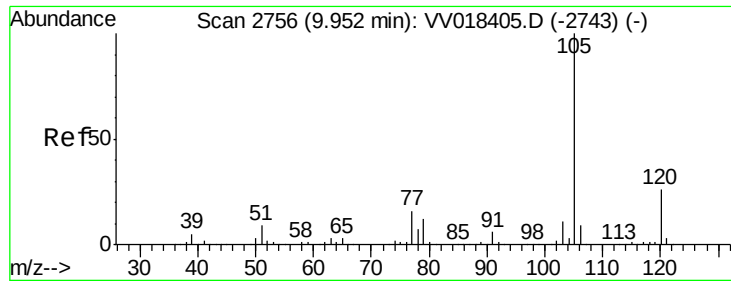


Abundance Ion 173.00 (172.70 to 173.70): VV018408.D (-2601) (-)

Ion 175.00 (174.70 to 175.70): VV018408.D (-2601) (-)

Ion 254.00 (253.70 to 254.70): VV018408.D (-2601) (-)





#60

Isopropylbenzene

Concen: 46.833 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VV018408.D

Acq: 23 Sep 2020 12:35

Instrument :

MSVOA_V

ClientSampleId :

VICV306

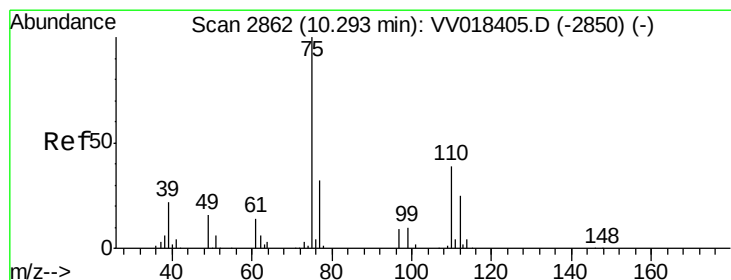
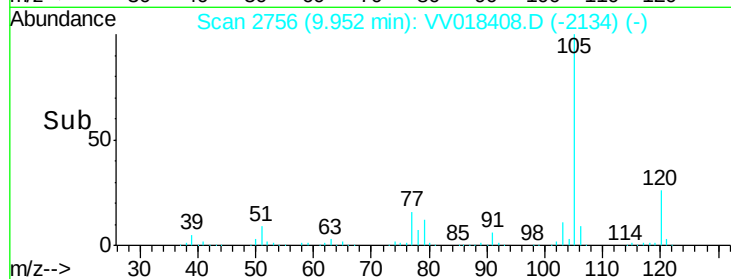
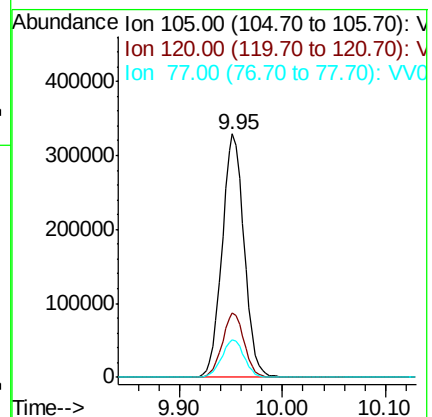
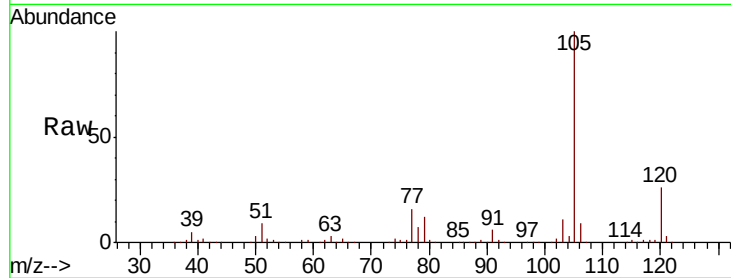
Tot Ion:105 Resp: 487659

Ion Ratio Lower Upper

105 100

120 26.3 20.8 31.2

77 15.7 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 43.874 ug/L

RT: 10.29 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VV018408.D

Acq: 23 Sep 2020 12:35

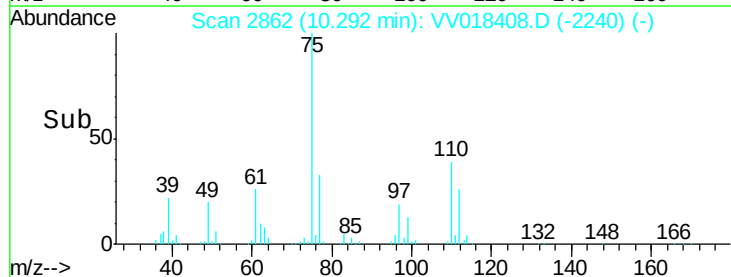
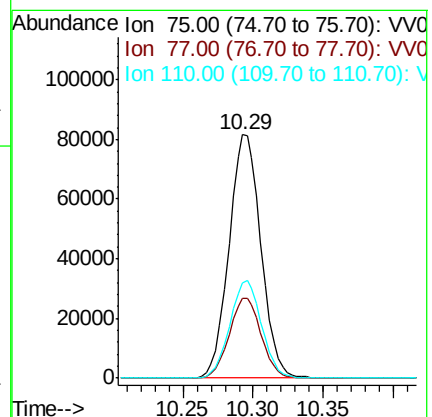
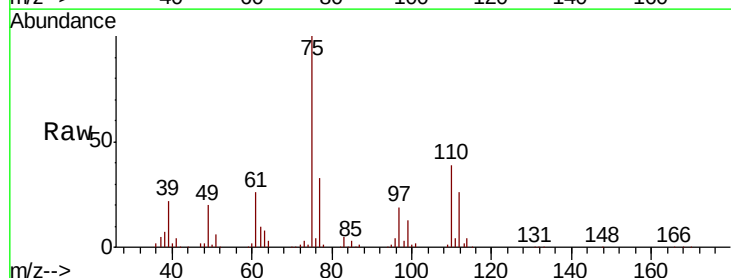
Tgt Ion: 75 Resp: 128622

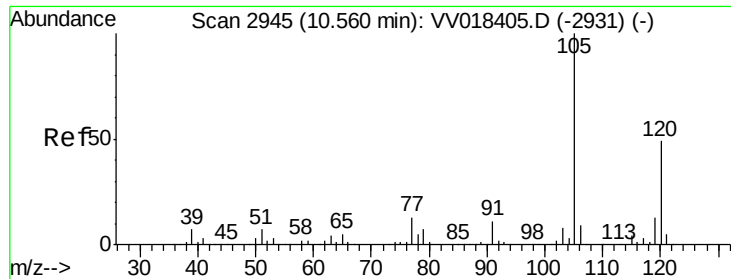
Ion Ratio Lower Upper

75 100

77 32.9 25.8 38.8

110 39.8 31.5 47.3

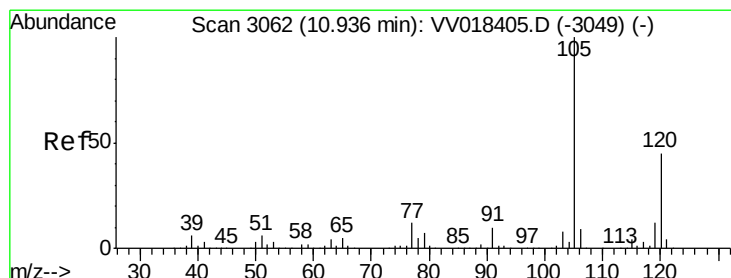
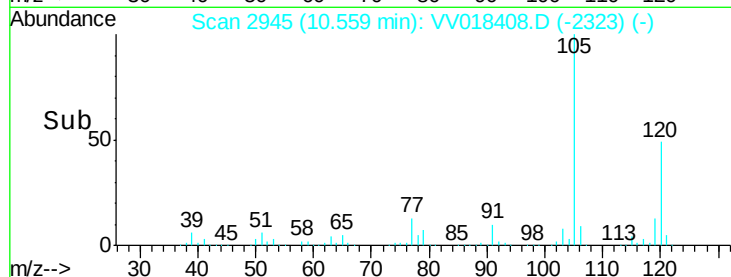
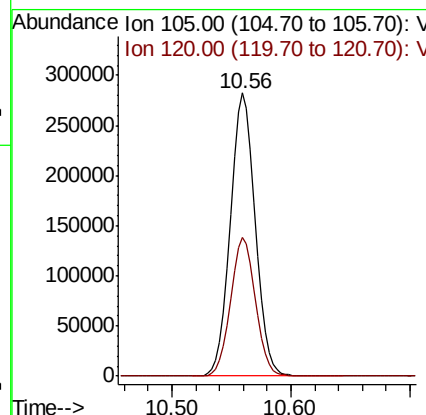
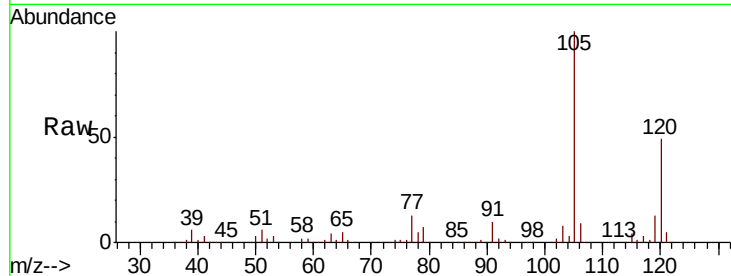




#62
 1,3,5-Trimethylbenzene
 Concen: 48.496 ug/L
 RT: 10.56 min Scan# 2945
 Delta R.T. -0.00 min
 Lab File: VV018408.D
 Acq: 23 Sep 2020 12:35

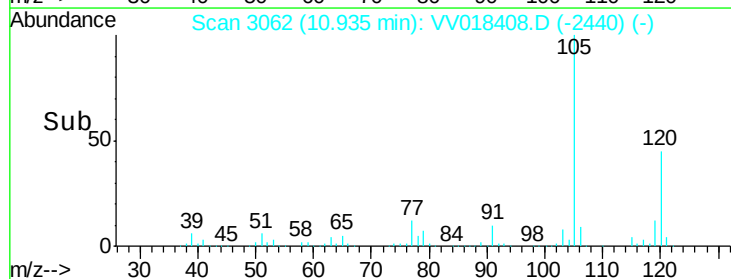
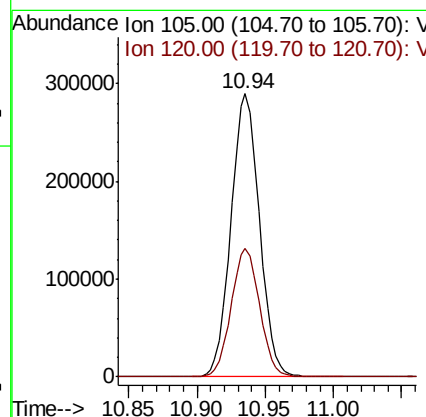
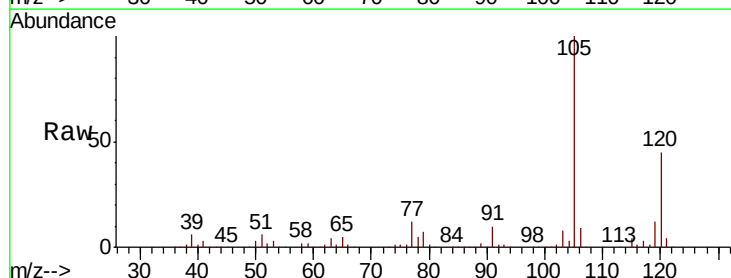
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV306

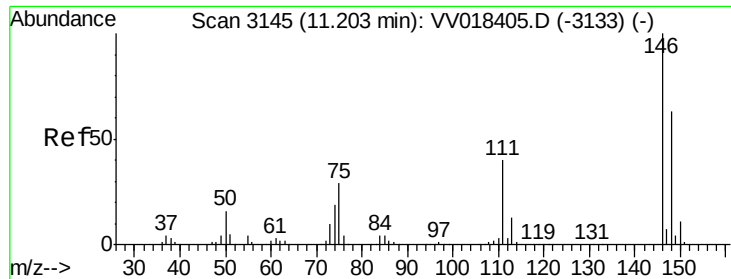
Tot Ion:105 Resp: 408745
 Ion Ratio Lower Upper
 105 100
 120 48.9 39.1 58.7



#63
 1,2,4-Trimethylbenzene
 Concen: 48.563 ug/L
 RT: 10.94 min Scan# 3062
 Delta R.T. -0.00 min
 Lab File: VV018408.D
 Acq: 23 Sep 2020 12:35

Tgt Ion:105 Resp: 420236
 Ion Ratio Lower Upper
 105 100
 120 45.4 36.2 54.2

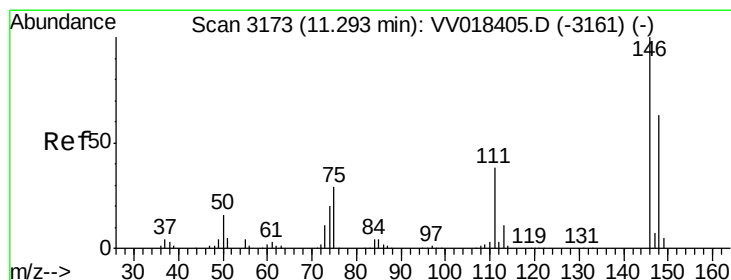
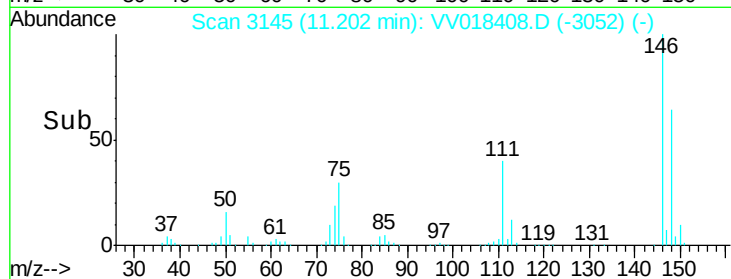
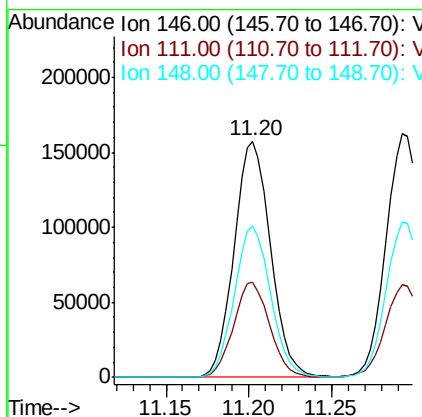
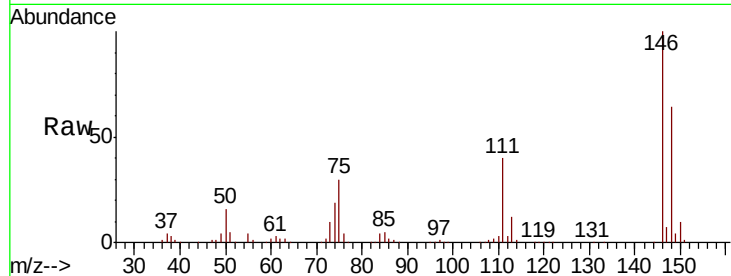




#64
 1,3-Dichlorobenzene
 Concen: 45.519 ug/L
 RT: 11.20 min Scan# 3145
 Delta R.T. -0.00 min
 Lab File: VV018408.D
 Acq: 23 Sep 2020 12:35

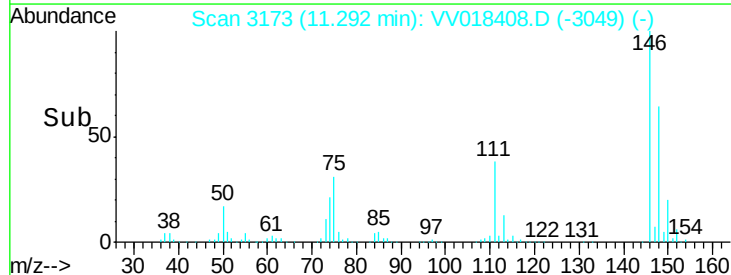
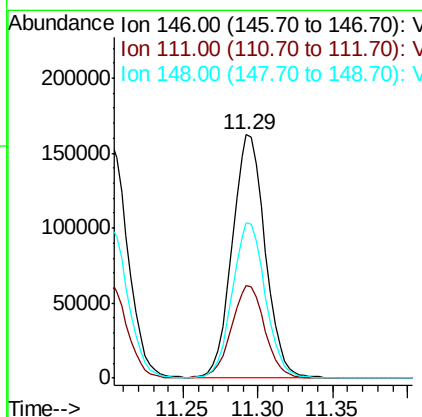
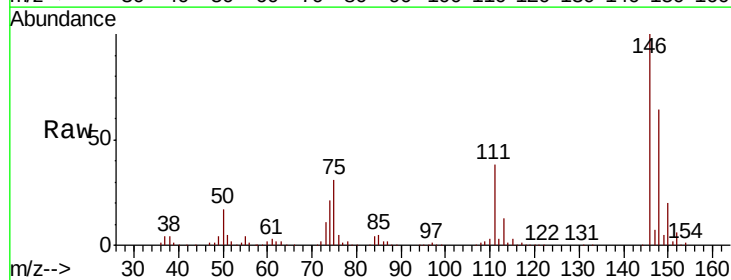
Instrument :
 MSVOA_V
 ClientSampled :
 VICV306

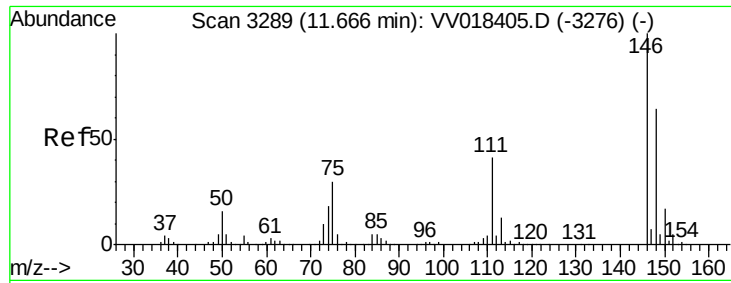
Tot Ion:146 Resp: 240886
 Ion Ratio Lower Upper
 146 100
 111 40.4 27.6 51.4
 148 64.2 44.2 82.2



#65
 1,4-Dichlorobenzene
 Concen: 44.737 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. -0.00 min
 Lab File: VV018408.D
 Acq: 23 Sep 2020 12:35

Tgt Ion:146 Resp: 248118
 Ion Ratio Lower Upper
 146 100
 111 38.1 26.6 49.4
 148 64.0 44.3 82.3

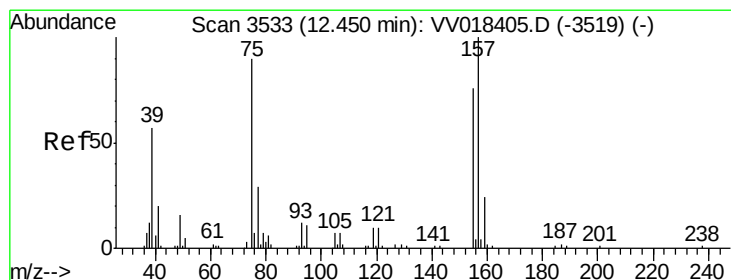
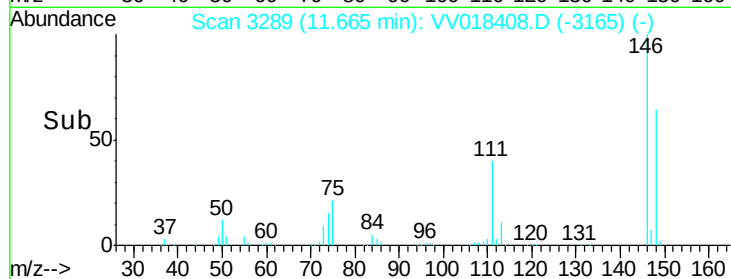
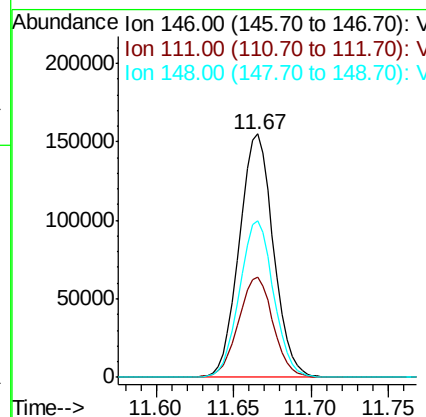
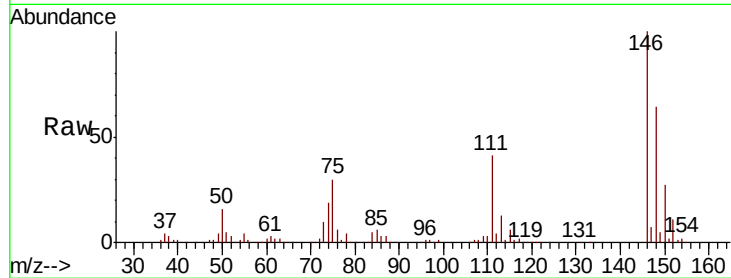




#67
 1,2-Dichlorobenzene
 Concen: 44.704 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: VV018408.D
 Acq: 23 Sep 2020 12:35

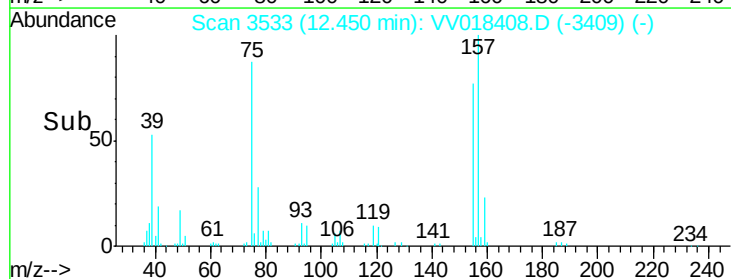
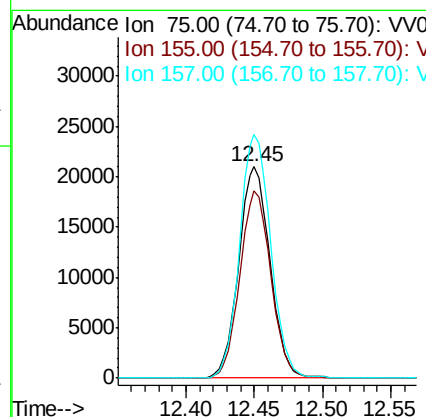
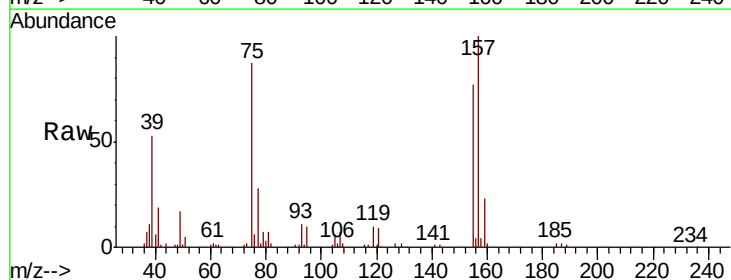
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV306

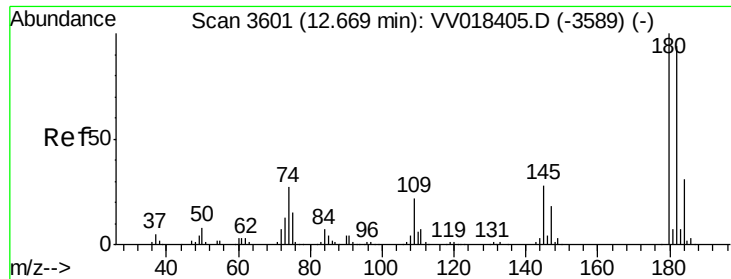
Tot Ion:146 Resp: 237864
 Ion Ratio Lower Upper
 146 100
 111 41.1 32.6 49.0
 148 64.4 51.0 76.6



#68
 1,2-Dibromo-3-chloropropane
 Concen: 45.155 ug/L
 RT: 12.45 min Scan# 3533
 Delta R.T. -0.00 min
 Lab File: VV018408.D
 Acq: 23 Sep 2020 12:35

Tgt Ion: 75 Resp: 33447
 Ion Ratio Lower Upper
 75 100
 155 88.6 67.6 101.4
 157 115.3 88.7 133.1

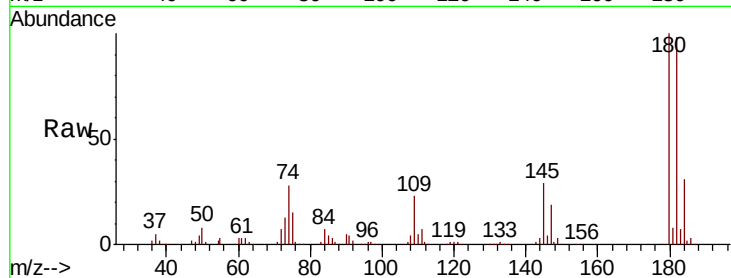




#69
 1,3,5-Trichlorobenzene
 Concen: 45.923 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. -0.00 min
 Lab File: VV018408.D
 Acq: 23 Sep 2020 12:35

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV306

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.3	76.6	115.0
184	31.0	24.8	37.2
145	28.9	23.0	34.4

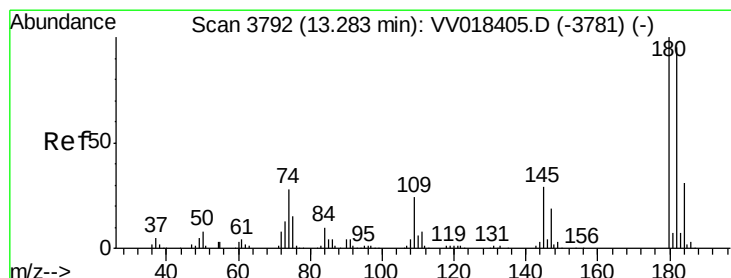
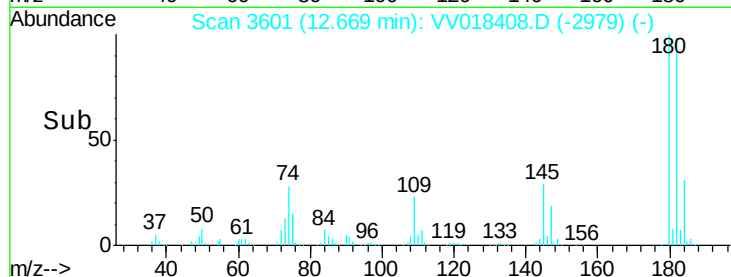
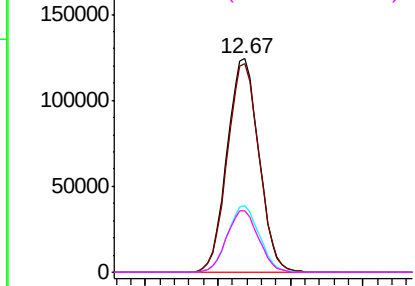


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

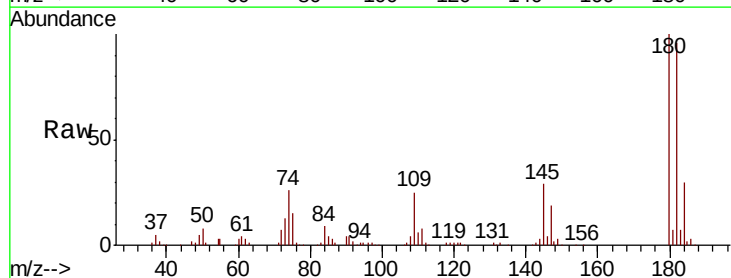
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#70
 1,2,4-trichlorobenzene
 Concen: 47.547 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. -0.00 min
 Lab File: VV018408.D
 Acq: 23 Sep 2020 12:35

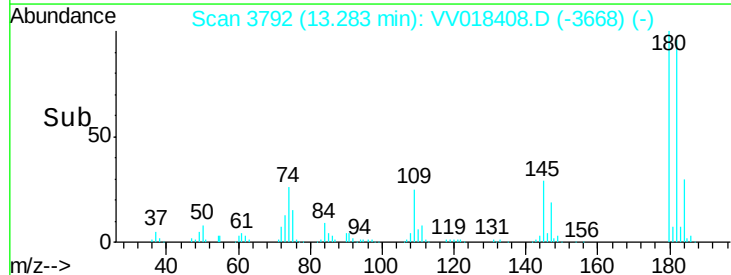
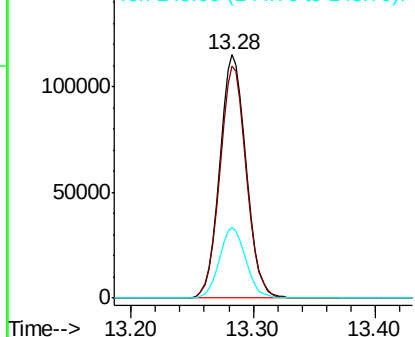
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.8	113.6
145	29.0	23.0	34.4

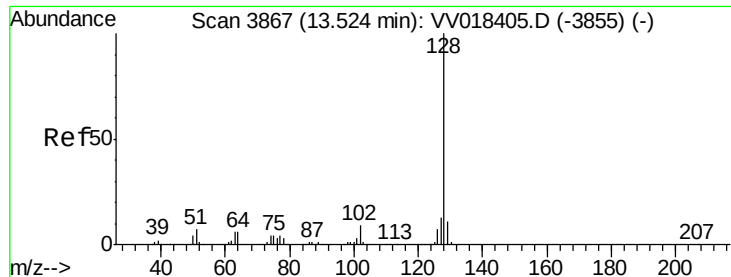


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

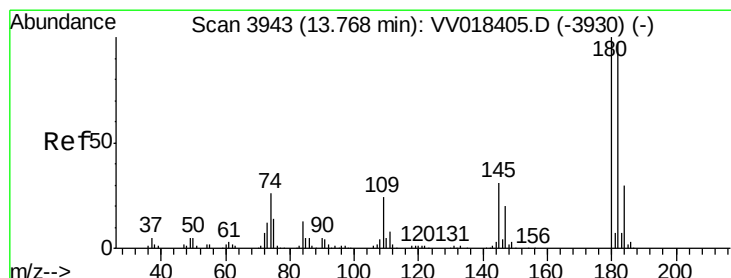
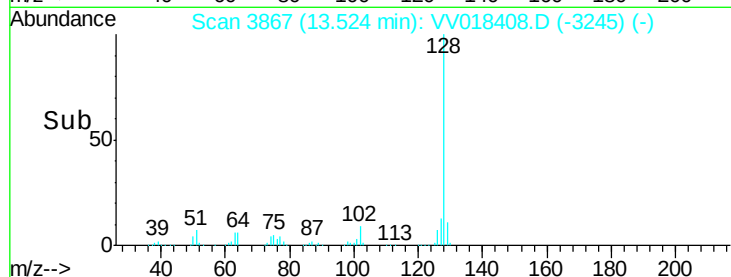
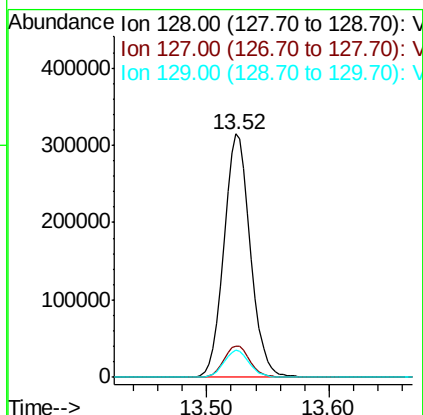
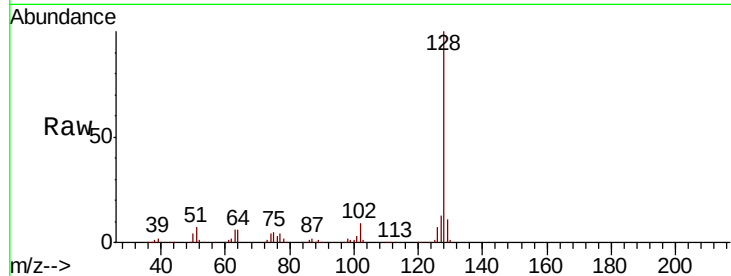




#71
Naphthalene
Concen: 49.923 ug/L
RT: 13.52 min Scan# 3867
Delta R.T. -0.00 min
Lab File: VV018408.D
Acq: 23 Sep 2020 12:35

Instrument :
MSVOA_V
ClientSampleId :
VICV306

Tot Ion:128 Resp: 478794
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 47.366 ug/L
RT: 13.76 min Scan# 3942
Delta R.T. -0.00 min
Lab File: VV018408.D
Acq: 23 Sep 2020 12:35

Tgt Ion:180 Resp: 176019
Ion Ratio Lower Upper
180 100
182 96.3 77.1 115.7
145 31.3 25.0 37.6

