

Data File : VV019418.D
Acq On : 23 Nov 2020 12:47
Operator : SY/MD
Sample : VSTD01065
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD01065

Quant Time: Nov 23 14:02:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112320WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Nov 23 14:01:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	357507	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	371985	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	199531	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	36314	13.48	ug/L	0.00
7) Chloroethane-d5	1.58	69	29542	13.49	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	64378	11.61	ug/L	0.00
21) 2-Butanone-d5	3.91	46	41204	29.65	ug/L	0.01
24) Chloroform-d	4.38	84	57773	11.21	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	38526	10.84	ug/L	0.00
32) Benzene-d6	5.07	84	106334	11.08	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	35763	13.43	ug/L	0.00
41) Toluene-d8	7.34	98	92957	9.91	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	16033	9.43	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	21241	21.27	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	43749	12.03	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	37269	9.78	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	31480	10.501	ug/L	97
3) Chloromethane	1.25	50	40050	14.952	ug/L	97
5) Vinyl chloride	1.32	62	38752	13.421	ug/L	99
6) Bromomethane	1.53	94	24526	11.879	ug/L	95
8) Chloroethane	1.59	64	24492	13.451	ug/L	99
9) Trichlorofluoromethane	1.76	101	49183	9.495	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	26851	11.374	ug/L	98
12) 1,1-Dichloroethene	2.13	96	26930	11.176	ug/L	93
13) Acetone	2.17	43	35073	29.631	ug/L	99
14) Carbon disulfide	2.31	76	77956	11.700	ug/L	100
15) Methyl Acetate	2.44	43	33609	16.819	ug/L	97
16) Methylene chloride	2.52	84	31864	13.169	ug/L	100
17) trans-1,2-Dichloroethene	2.78	96	26066	11.246	ug/L	98
18) Methyl tert-butyl Ether	2.78	73	78188	10.500	ug/L	98
19) 1,1-Dichloroethane	3.21	63	54795	13.634	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	27236	11.100	ug/L	94
22) 2-Butanone	3.99	43	40791	30.053	ug/L	95
23) Bromochloromethane	4.28	128	15398	10.882	ug/L	96
25) Chloroform	4.40	83	55994	11.979	ug/L	99
27) 1,2-Dichloroethane	5.16	62	41610	10.508	ug/L	100
29) Cyclohexane	4.70	56	35754	11.121	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	45826	9.378	ug/L	99
31) Carbon tetrachloride	4.85	117	39498	8.976	ug/L	99
33) Benzene	5.13	78	110684	11.795	ug/L	100
34) Trichloroethene	5.94	95	32951	11.643	ug/L	97
35) Methylcyclohexane	6.15	83	33125	9.471	ug/L	96
37) 1,2-Dichloropropane	6.20	63	30048	13.175	ug/L	97
38) Bromodichloromethane	6.53	83	40558	10.940	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	40060	10.245	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	78516	27.284	ug/L	98

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Quant Title : VOC Analysis
QLast Update : Mon Nov 23 14:01:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	112938	10.699	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	40851	9.809	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	28817	11.649	ug/L	98
46) Tetrachloroethene	8.00	164	21910	8.789	ug/L	98
48) 2-Hexanone	8.16	43	63860	28.316	ug/L	99
49) Dibromochloromethane	8.27	129	30683	9.665	ug/L	98
50) 1,2-Dibromoethane	8.37	107	30449	11.250	ug/L	98
51) Chlorobenzene	8.90	112	76570	10.548	ug/L	99
52) Ethylbenzene	9.03	91	113275	9.596	ug/L	98
53) m,p-Xylene	9.16	106	42523	9.302	ug/L	93
54) o-xylene	9.56	106	39364	8.905	ug/L	97
55) Styrene	9.58	104	71163	9.103	ug/L	98
56) Isopropylbenzene	9.95	105	105500	8.888	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.26	83	41162	12.177	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	40982	13.158	ug/L	99
61) Bromoform	9.75	173	22162	9.756	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	57091	10.184	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	62257	10.616	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	59782	10.540	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	9126	11.139	ug/L	93
67) 1,3,5-Trichlorobenzene	12.67	180	40570	9.440	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	32866	8.501	ug/L	97
69) Naphthalene	13.53	128	70276	7.697	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	35956	9.243	ug/L	96

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

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ALS Vial      : 1      Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
VSTD01065

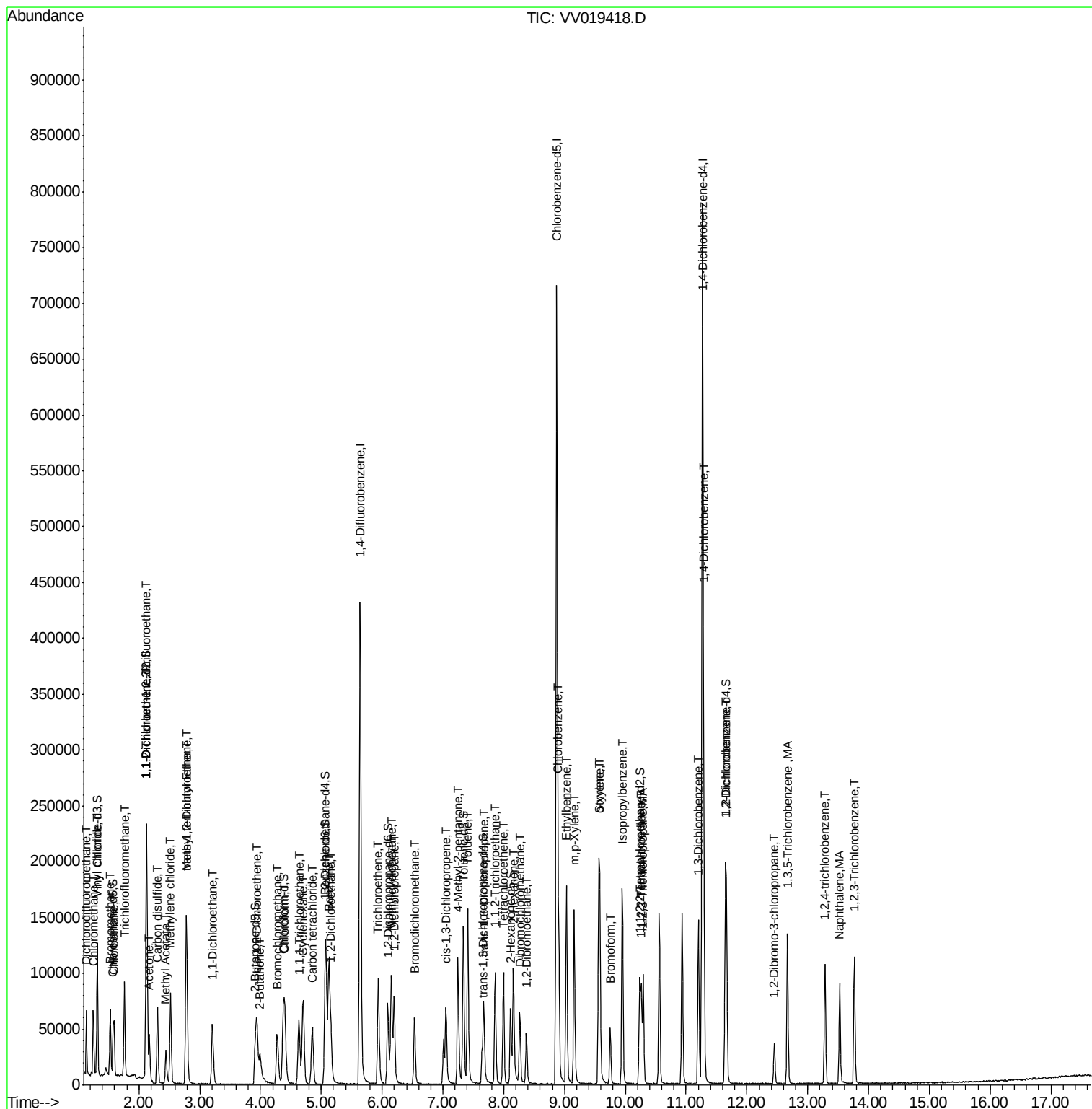
Quant Time: Nov 23 14:02:59 2020

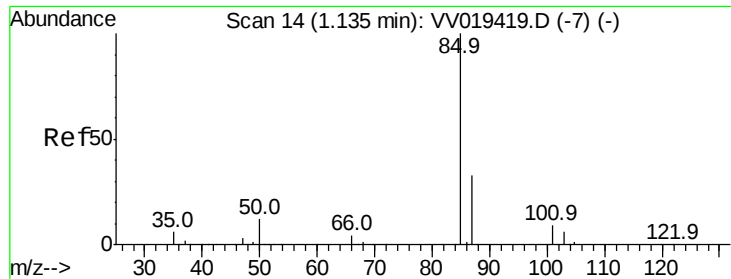
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOMVLM112320WMA.M

Quant Title : VOC Analysis

QLast Update : Mon Nov 23 14:01:17 2020

Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 10.501 ug/L

RT: 1.14 min Scan# 14

Delta R.T. 0.00 min

Lab File: VV019418.D

Acq: 23 Nov 2020 12:47

Instrument :

MSVOA_V

ClientSampleId :

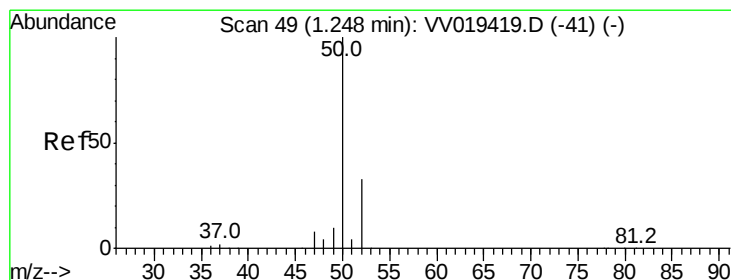
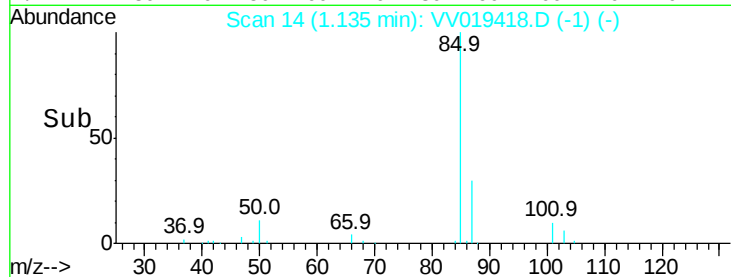
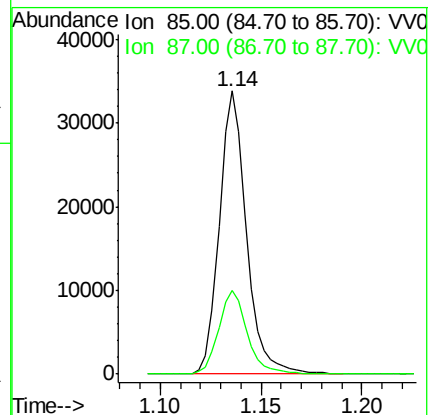
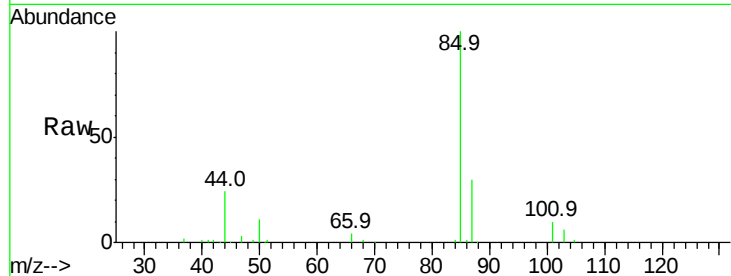
VSTD01065

Tgt Ion: 85 Resp: 31480

Ion Ratio Lower Upper

85 100

87 31.1 26.2 39.2



#3

Chloromethane

Concen: 14.952 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV019418.D

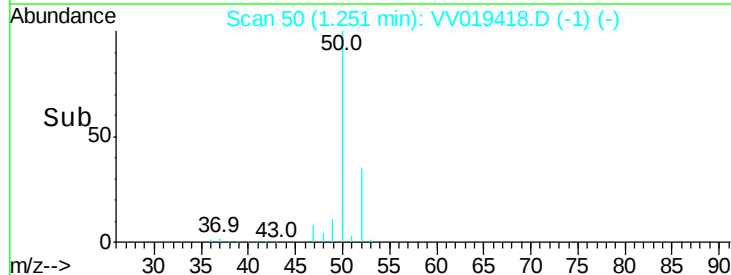
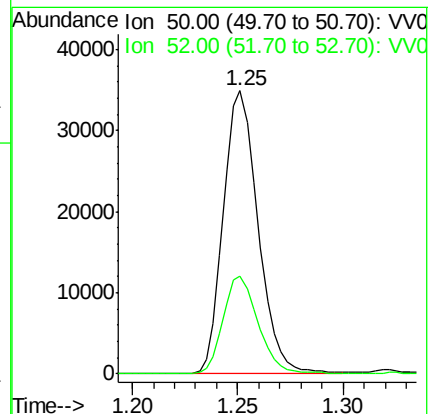
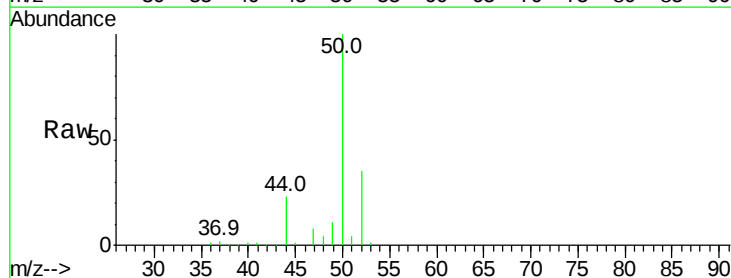
Acq: 23 Nov 2020 12:47

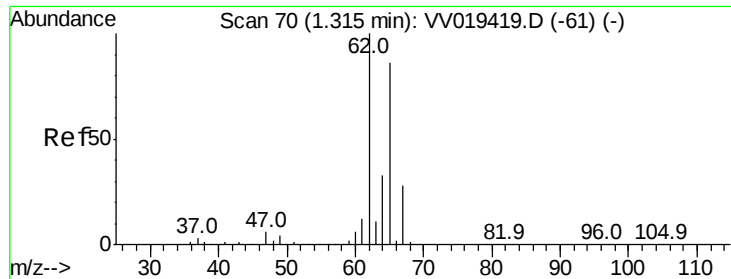
Tgt Ion: 50 Resp: 40050

Ion Ratio Lower Upper

50 100

52 34.6 23.0 42.8





#5

Vinyl chloride

Concen: 13.421 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV019418.D

Acq: 23 Nov 2020 12:47

Instrument :

MSVOA_V

ClientSampleId :

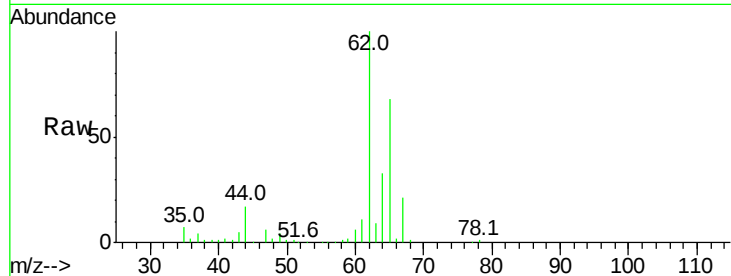
VSTD01065

Tgt Ion: 62 Resp: 38752

Ion Ratio Lower Upper

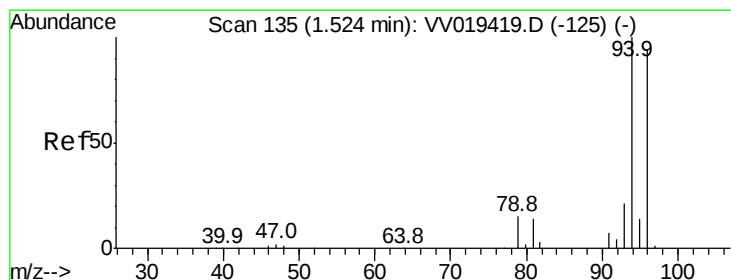
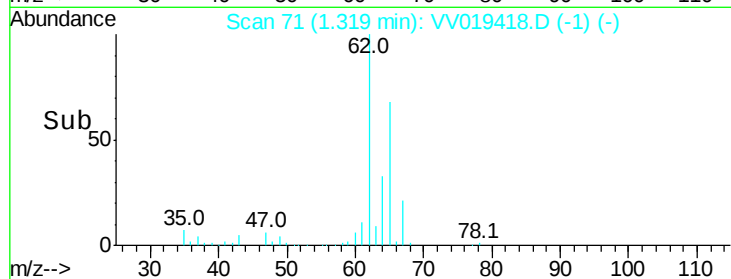
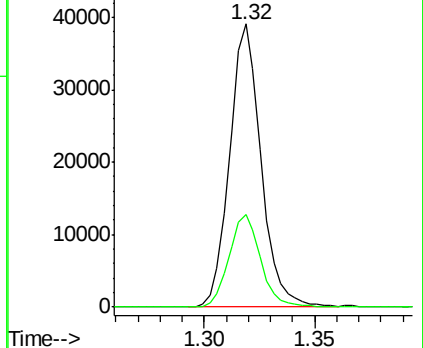
62 100

64 32.6 23.1 42.9



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#6

Bromomethane

Concen: 11.879 ug/L

RT: 1.53 min Scan# 136

Delta R.T. 0.00 min

Lab File: VV019418.D

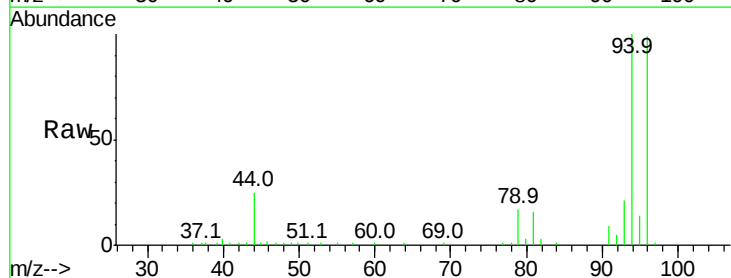
Acq: 23 Nov 2020 12:47

Tgt Ion: 94 Resp: 24526

Ion Ratio Lower Upper

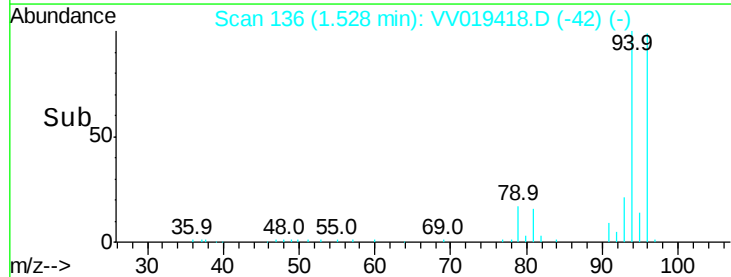
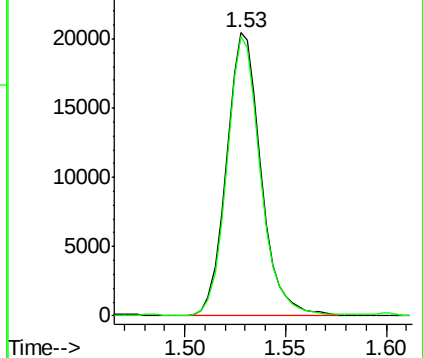
94 100

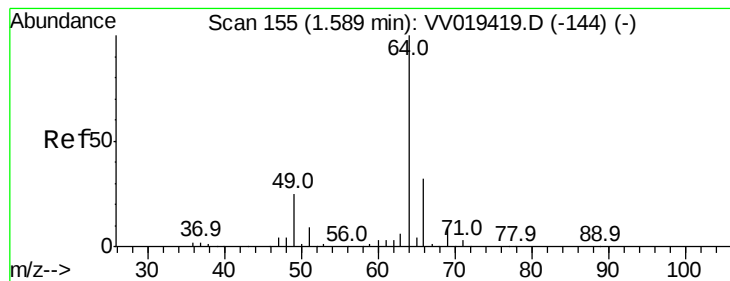
96 98.7 65.5 121.7



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 13.451 ug/L

RT: 1.59 min Scan# 156

Delta R.T. 0.00 min

Lab File: VV019418.D

Acq: 23 Nov 2020 12:47

Instrument :

MSVOA_V

ClientSampleId :

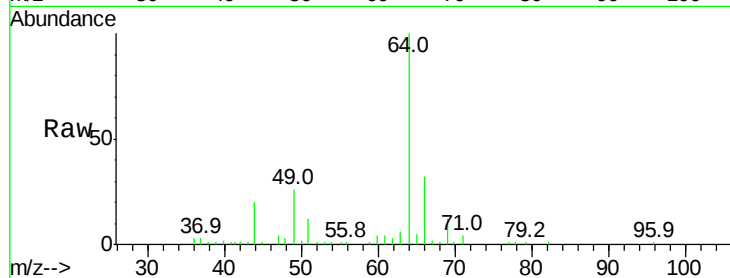
VSTD01065

Tgt Ion: 64 Resp: 24492

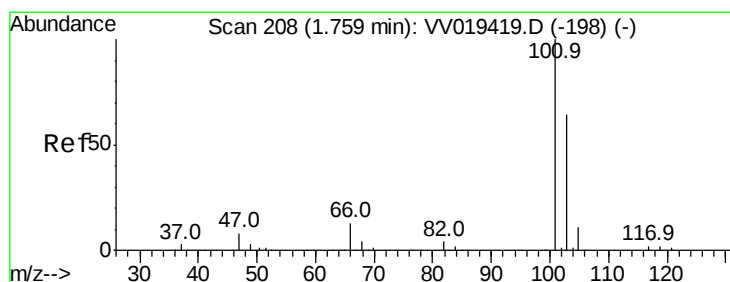
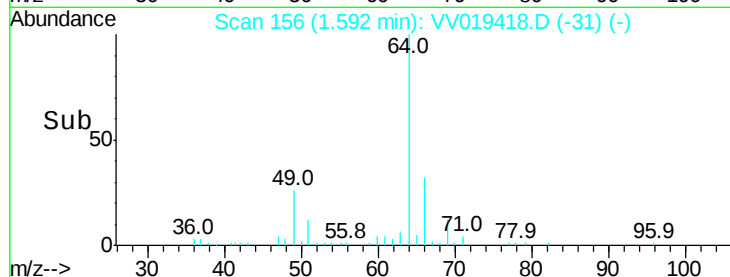
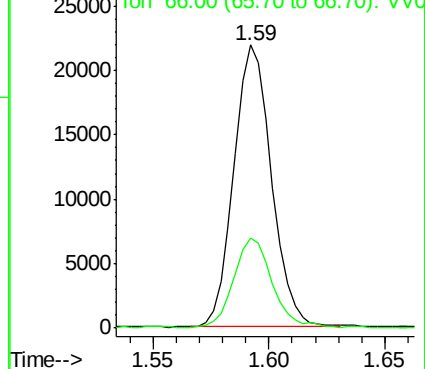
Ion Ratio Lower Upper

64 100

66 31.9 22.6 42.0



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



#9

Trichlorofluoromethane

Concen: 9.495 ug/L

RT: 1.76 min Scan# 209

Delta R.T. 0.00 min

Lab File: VV019418.D

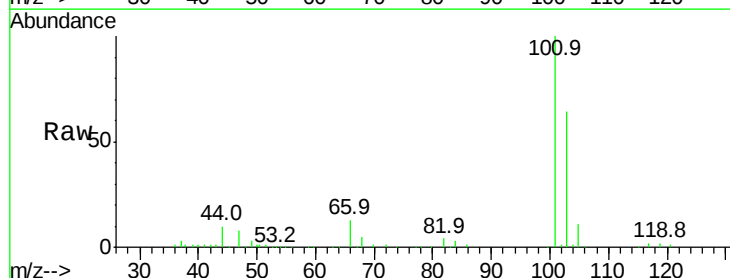
Acq: 23 Nov 2020 12:47

Tgt Ion: 101 Resp: 49183

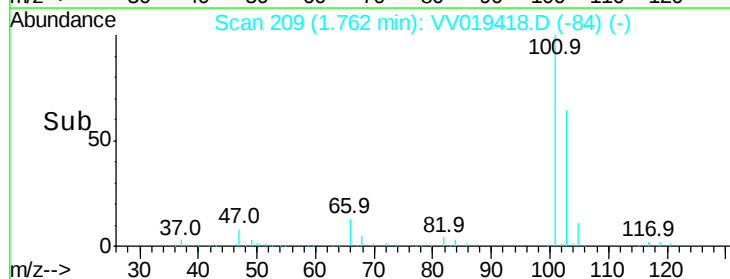
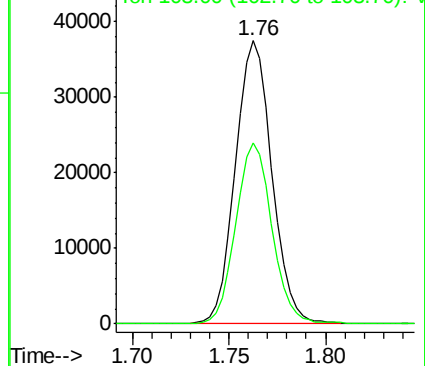
Ion Ratio Lower Upper

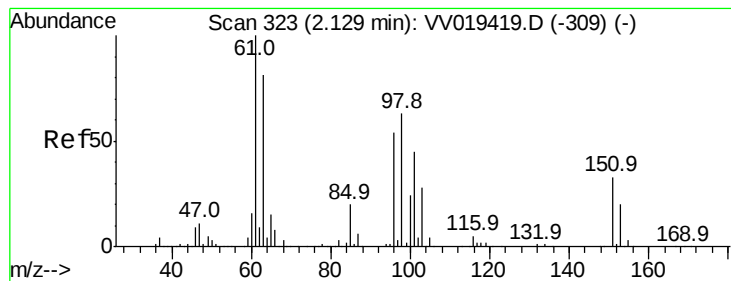
101 100

103 63.5 51.8 77.8



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





#10

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

Concen: 11.374 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV019418.D

Acq: 23 Nov 2020 12:47

Instrument :

MSVOA_V

ClientSampleId :

VSTD01065

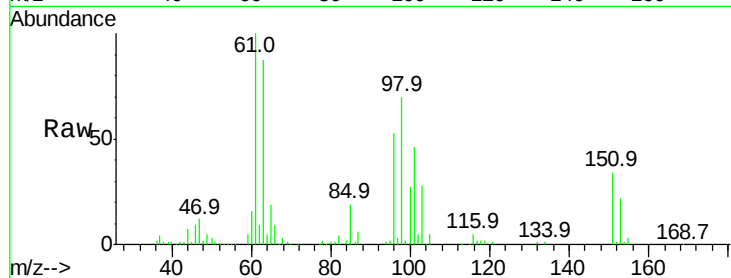
Tgt Ion: 101 Resp: 26851

Ion Ratio Lower Upper

101 100

85 42.6 35.5 53.3

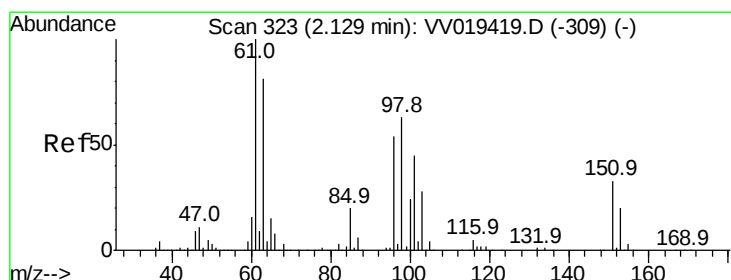
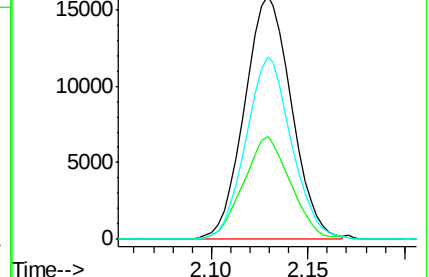
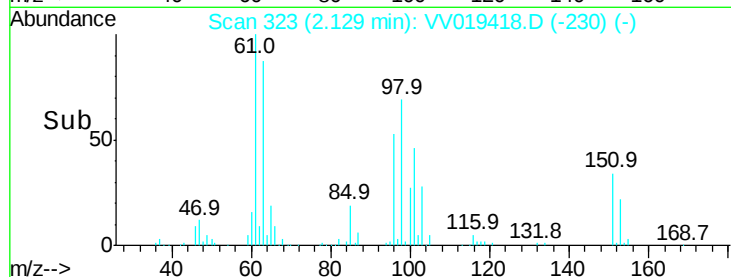
151 72.6 58.9 88.3



Abundance Ion 101.00 (100.70 to 101.70): VV019418.D (-230) (-)

Ion 85.00 (84.70 to 85.70): VV019418.D (-230) (-)

Ion 151.00 (150.70 to 151.70): VV019418.D (-230) (-)



#12

1,1-Dichloroethene

Concen: 11.176 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV019418.D

Acq: 23 Nov 2020 12:47

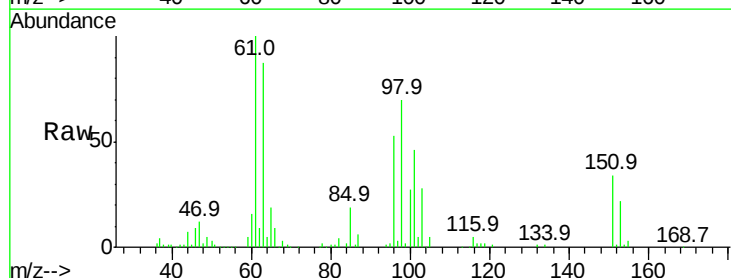
Tgt Ion: 96 Resp: 26930

Ion Ratio Lower Upper

96 100

61 190.5 130.0 241.4

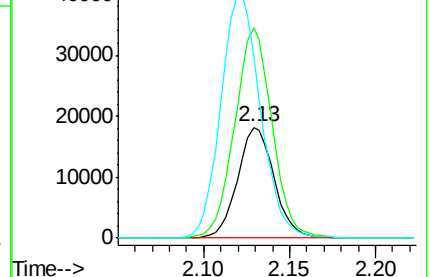
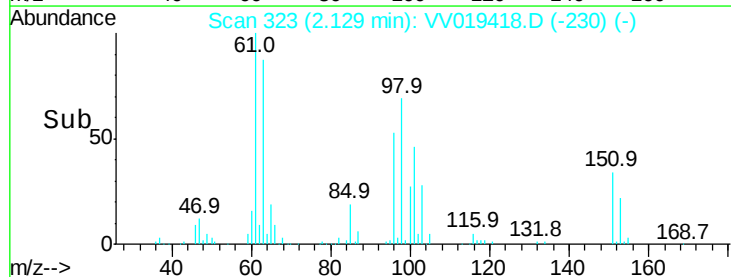
63 165.0 105.1 195.3

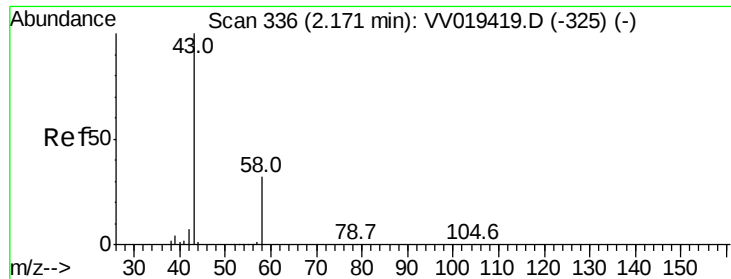


Abundance Ion 96.00 (95.70 to 96.70): VV019418.D (-230) (-)

Ion 61.00 (60.70 to 61.70): VV019418.D (-230) (-)

Ion 63.00 (62.70 to 63.70): VV019418.D (-230) (-)





#13

Acetone

Concen: 29.631 ug/L

RT: 2.17 min Scan# 336

Delta R.T. 0.00 min

Lab File: VV019418.D

Acq: 23 Nov 2020 12:47

Instrument :

MSVOA_V

ClientSampleId :

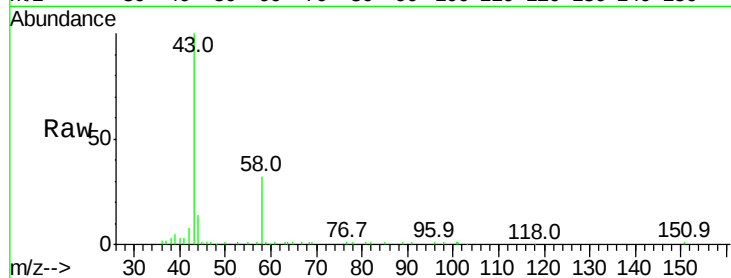
VSTD01065

Tgt Ion: 43 Resp: 35073

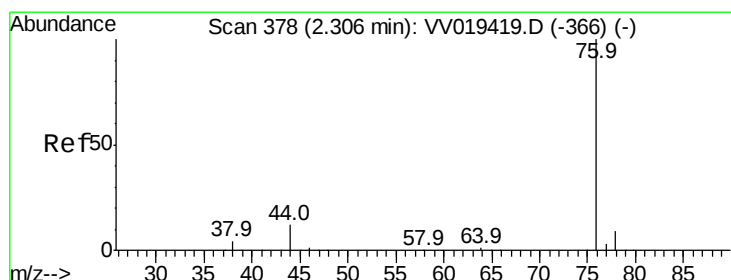
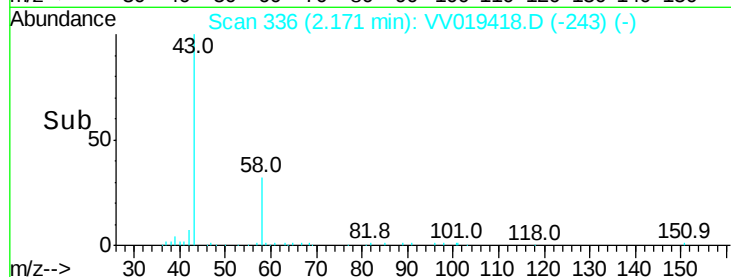
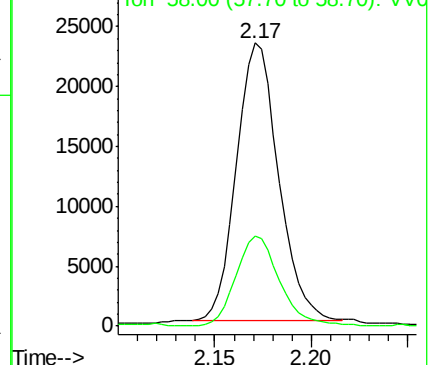
Ion Ratio Lower Upper

43 100

58 33.8 0.0 66.4



Abundance Ion 43.00 (42.70 to 43.70): VV019418.D (-325) (-)



#14

Carbon disulfide

Concen: 11.700 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VV019418.D

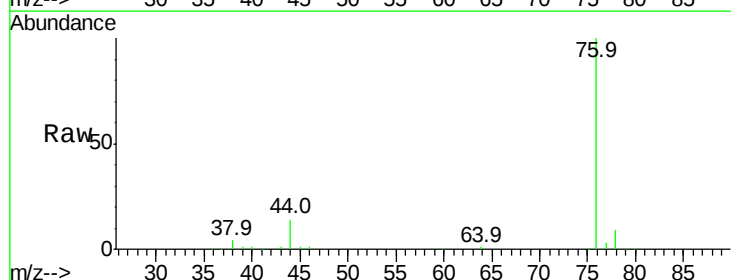
Acq: 23 Nov 2020 12:47

Tgt Ion: 76 Resp: 77956

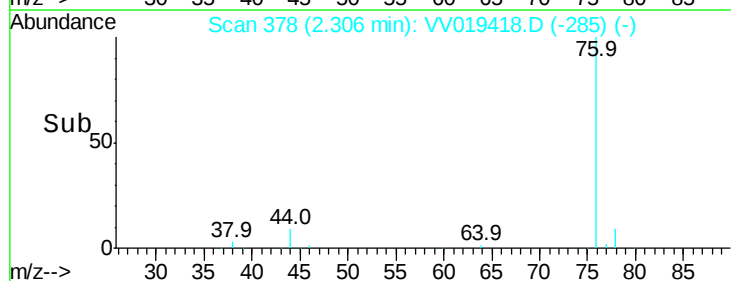
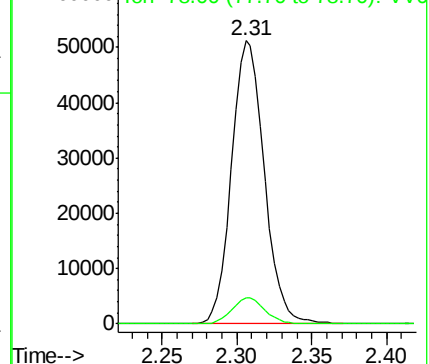
Ion Ratio Lower Upper

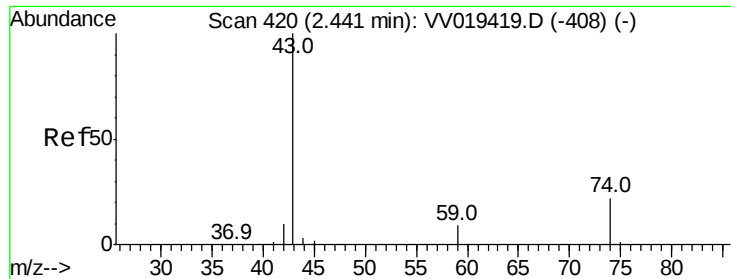
76 100

78 9.3 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VV019418.D (-366) (-)

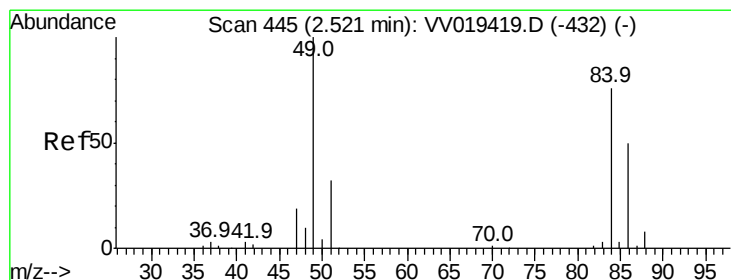
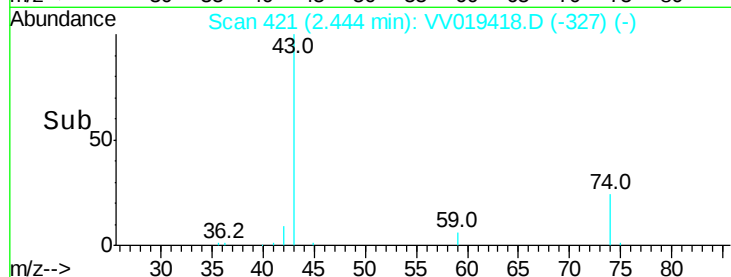
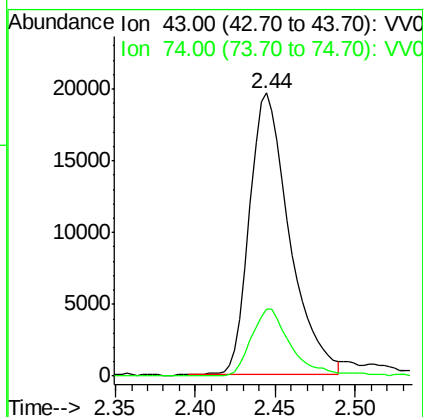
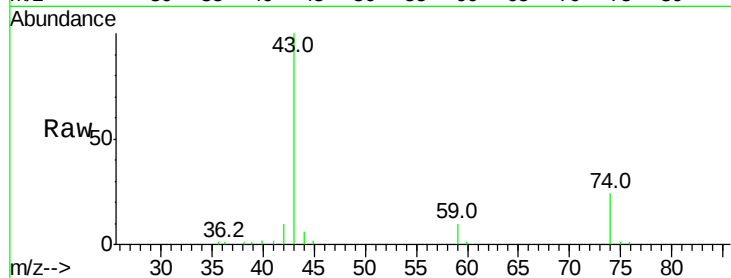




#15
Methyl Acetate
Concen: 16.819 ug/L
RT: 2.44 min Scan# 421
Delta R.T. 0.00 min
Lab File: VV019418.D
Acq: 23 Nov 2020 12:47

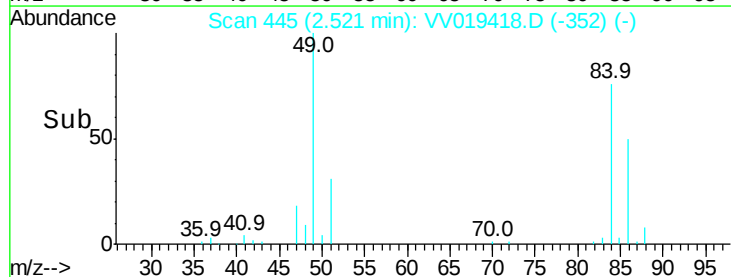
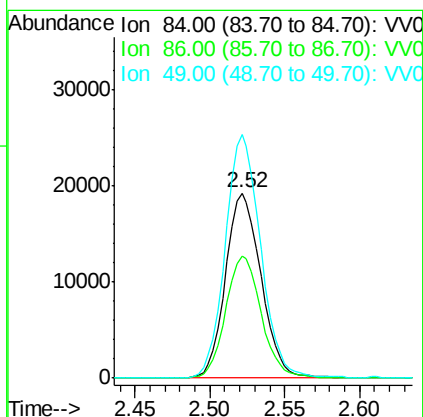
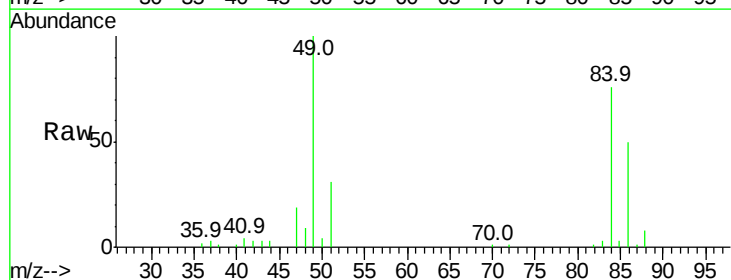
Instrument :
MSVOA_V
ClientSampleId :
VSTD01065

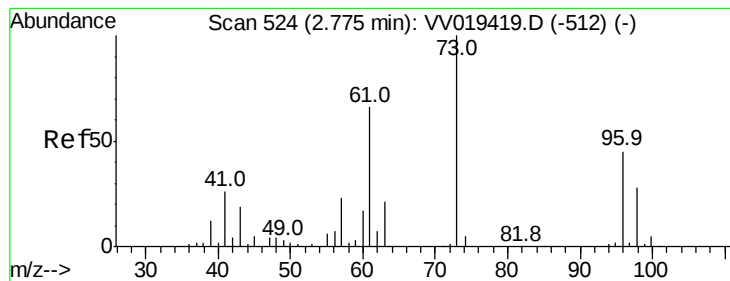
Tgt Ion: 43 Resp: 33609
Ion Ratio Lower Upper
43 100
74 23.5 17.8 26.8



#16
Methylene chloride
Concen: 13.169 ug/L
RT: 2.52 min Scan# 445
Delta R.T. 0.00 min
Lab File: VV019418.D
Acq: 23 Nov 2020 12:47

Tgt Ion: 84 Resp: 31864
Ion Ratio Lower Upper
84 100
86 65.6 45.8 85.2
49 131.4 92.0 170.9





#17

trans-1,2-Dichloroethene

Concen: 11.246 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV019418.D

Acq: 23 Nov 2020 12:47

Instrument :

MSVOA_V

ClientSampleId :

VSTD01065

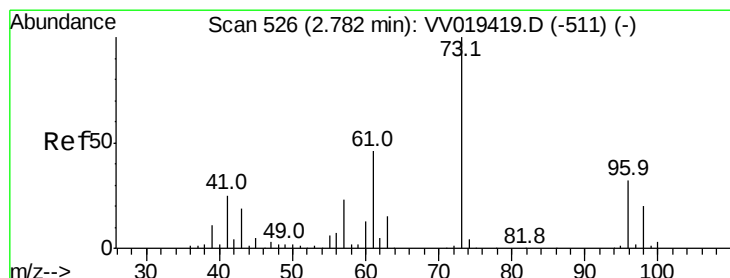
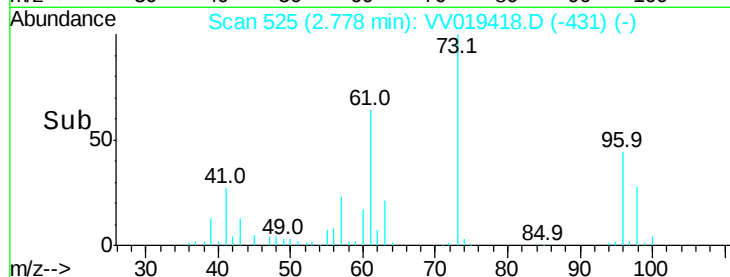
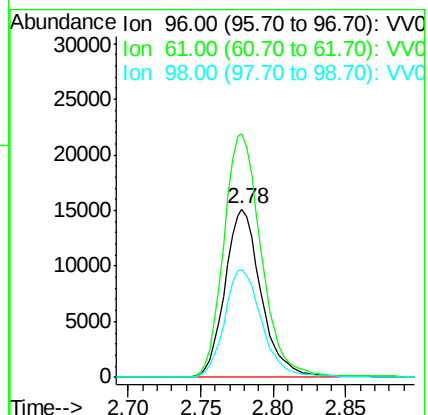
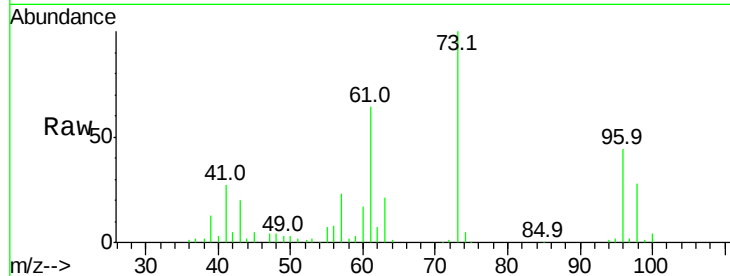
Tgt Ion: 96 Resp: 26066

Ion Ratio Lower Upper

96 100

61 144.8 103.7 192.5

98 63.9 44.0 81.6



#18

Methyl tert-butyl Ether

Concen: 10.500 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.00 min

Lab File: VV019418.D

Acq: 23 Nov 2020 12:47

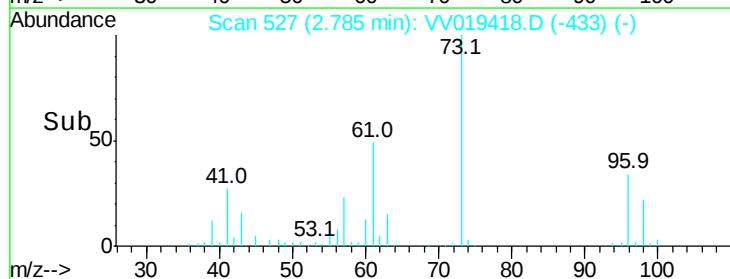
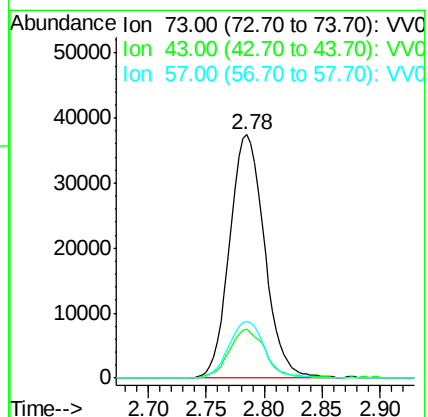
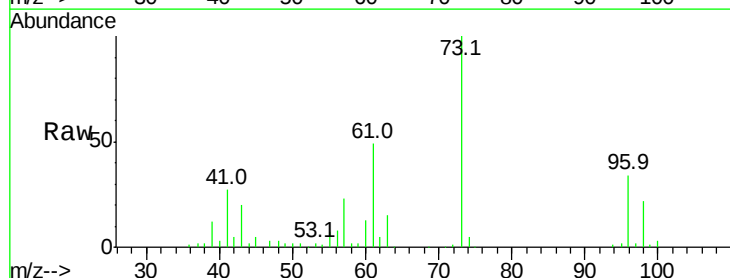
Tgt Ion: 73 Resp: 78188

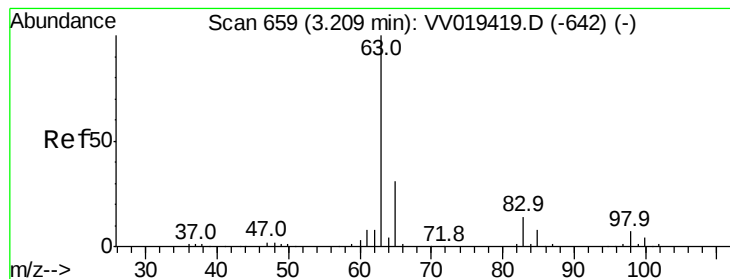
Ion Ratio Lower Upper

73 100

43 20.6 15.6 23.4

57 23.8 18.3 27.5





#19

1,1-Dichloroethane

Concen: 13.634 ug/L

RT: 3.21 min Scan# 659

Delta R.T. 0.00 min

Lab File: VV019418.D

Acq: 23 Nov 2020 12:47

Instrument :

MSVOA_V

ClientSampleId :

VSTD01065

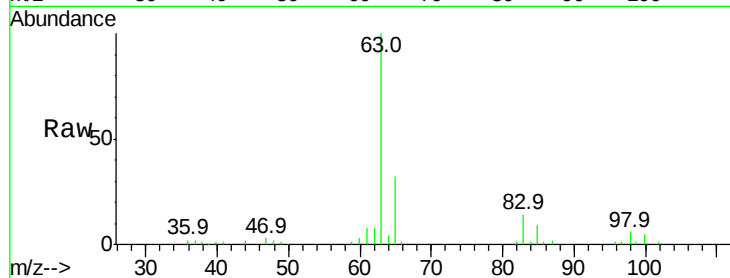
Tgt Ion: 63 Resp: 54795

Ion Ratio Lower Upper

63 100

65 31.6 21.8 40.4

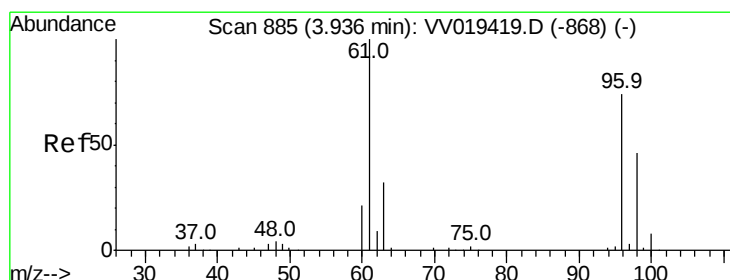
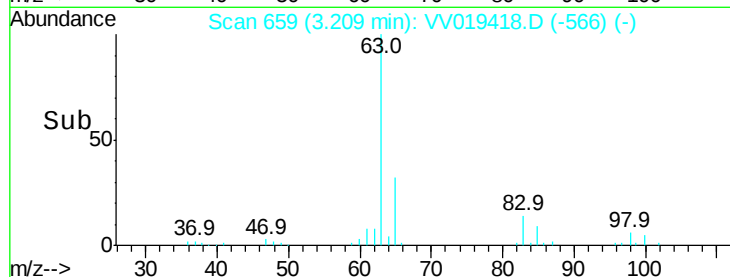
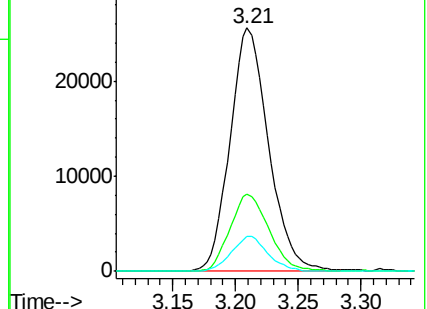
83 14.3 9.8 18.2



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: 11.100 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV019418.D

Acq: 23 Nov 2020 12:47

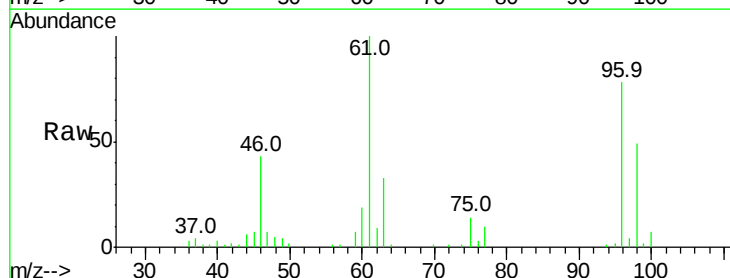
Tgt Ion: 96 Resp: 27236

Ion Ratio Lower Upper

96 100

61 129.0 95.5 177.3

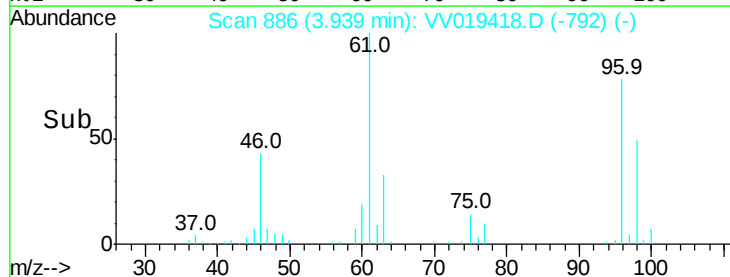
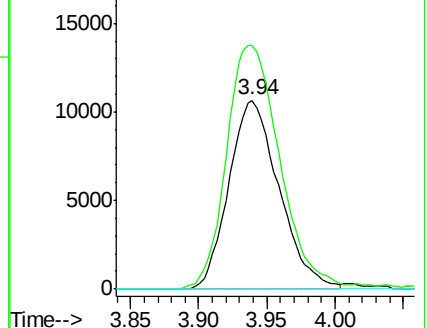
68 0.0 0.0 0.0

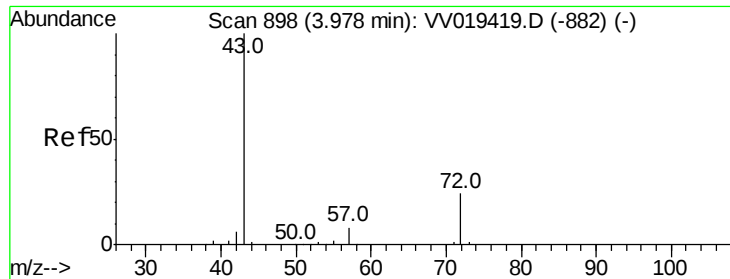


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#22

2-Butanone

Concen: 30.053 ug/L

RT: 3.99 min Scan# 902

Delta R.T. 0.01 min

Lab File: VV019418.D

Acq: 23 Nov 2020 12:47

Instrument :

MSVOA_V

ClientSampleId :

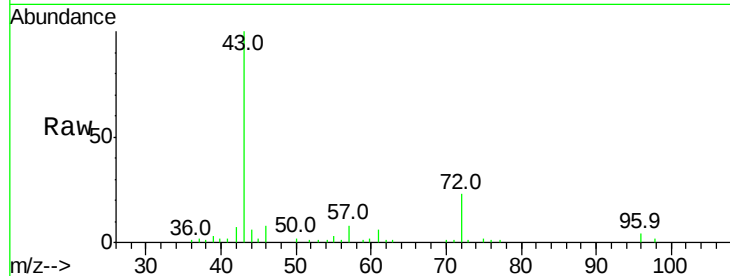
VSTD01065

Tgt Ion: 43 Resp: 40791

Ion Ratio Lower Upper

43 100

72 22.8 12.7 38.1



Abundance Ion 43.00 (42.70 to 43.70): VV019418.D (-882) (-)

Ion 72.00 (71.70 to 72.70): VV019418.D (-882) (-)

3.99

15000

10000

5000

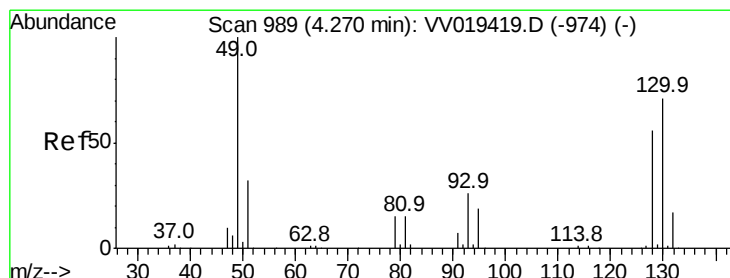
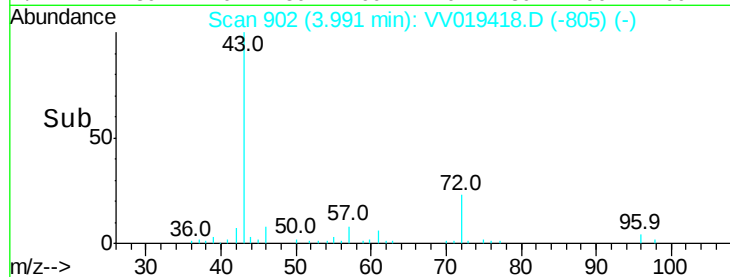
0

Time-->

3.90

4.00

4.10



#23

Bromochloromethane

Concen: 10.882 ug/L

RT: 4.28 min Scan# 991

Delta R.T. 0.01 min

Lab File: VV019418.D

Acq: 23 Nov 2020 12:47

Tgt Ion: 128 Resp: 15398

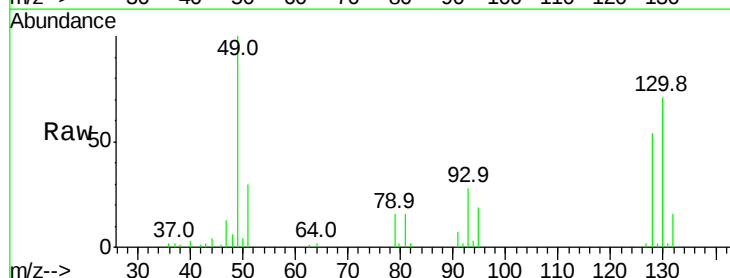
Ion Ratio Lower Upper

128 100

49 186.5 126.1 234.1

130 132.5 89.4 166.0

51 55.6 46.5 69.7



Abundance Ion 128.00 (127.70 to 128.70): VV019418.D (-896) (-)

Ion 49.00 (48.70 to 49.70): VV019418.D (-896) (-)

Ion 130.00 (129.70 to 130.70): VV019418.D (-896) (-)

Ion 51.00 (50.70 to 51.70): VV019418.D (-896) (-)

4.28

15000

10000

5000

0

Time-->

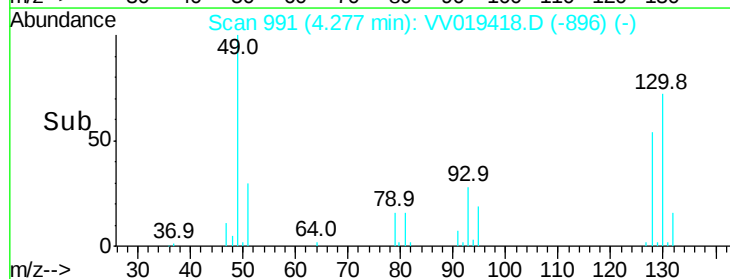
4.20

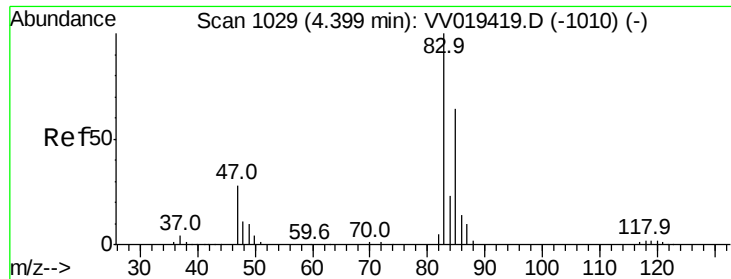
4.25

4.30

4.35

4.40

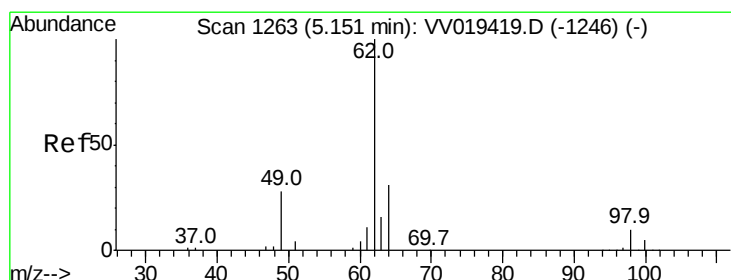
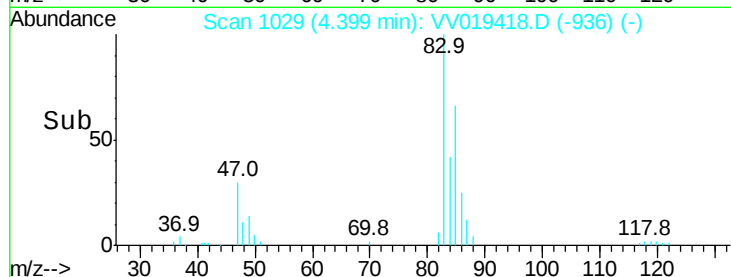
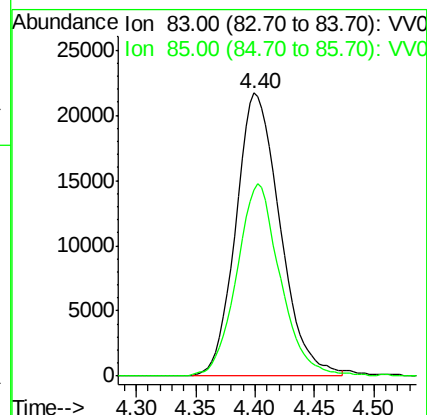
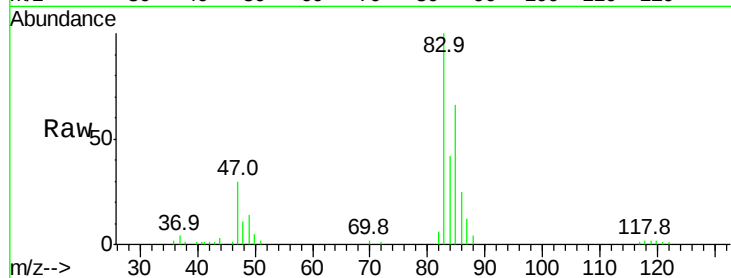




#25
Chloroform
Concen: 11.979 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VV019418.D
Acq: 23 Nov 2020 12:47

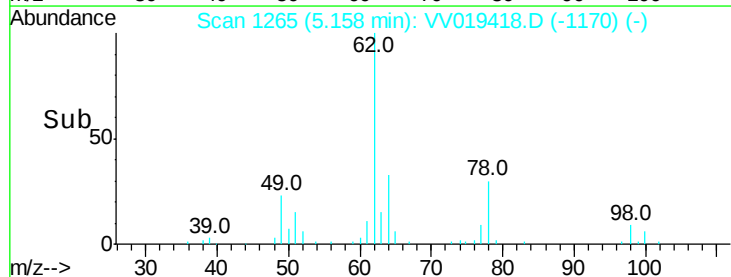
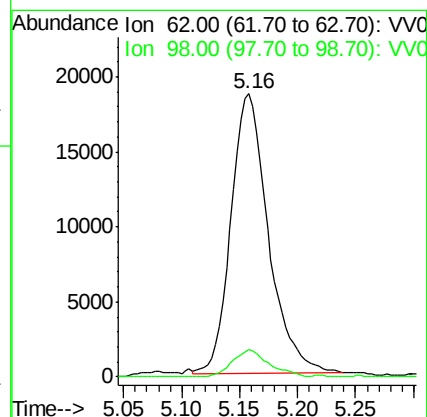
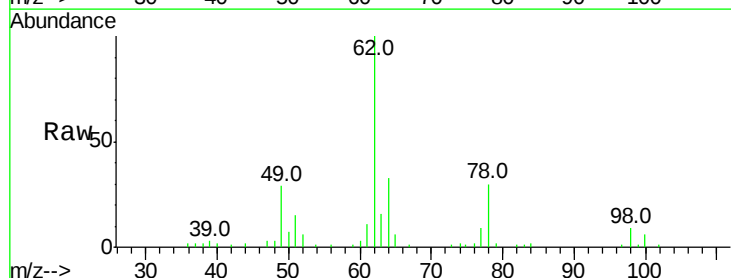
Instrument :
MSVOA_V
ClientSampleId :
VSTD01065

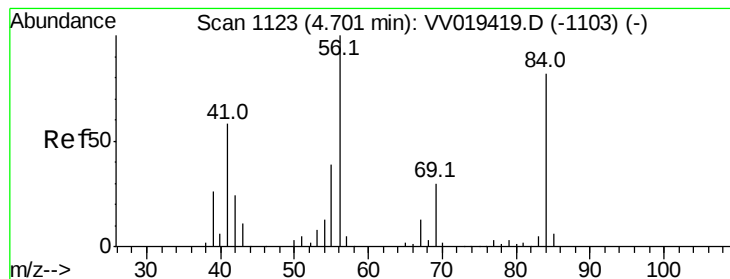
Tgt Ion: 83 Resp: 55994
Ion Ratio Lower Upper
83 100
85 65.6 45.1 83.9



#27
1,2-Dichloroethane
Concen: 10.508 ug/L
RT: 5.16 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VV019418.D
Acq: 23 Nov 2020 12:47

Tgt Ion: 62 Resp: 41610
Ion Ratio Lower Upper
62 100
98 9.5 7.6 11.4





#29

Cyclohexane

Concen: 11.121 ug/L

RT: 4.70 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VV019418.D

Acq: 23 Nov 2020 12:47

Instrument :

MSVOA_V

ClientSampleId :

VSTD01065

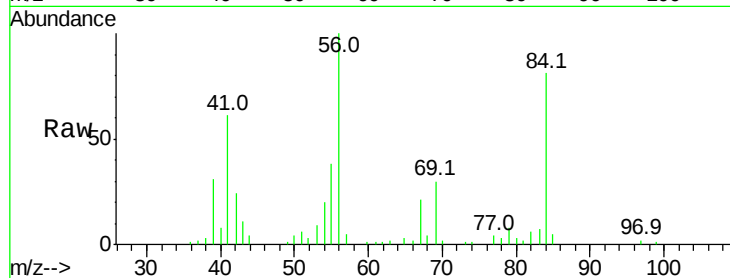
Tgt Ion: 56 Resp: 35754

Ion Ratio Lower Upper

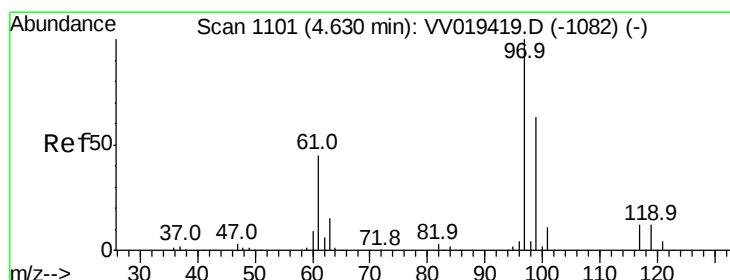
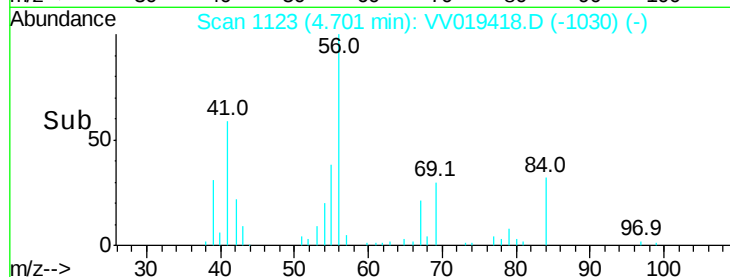
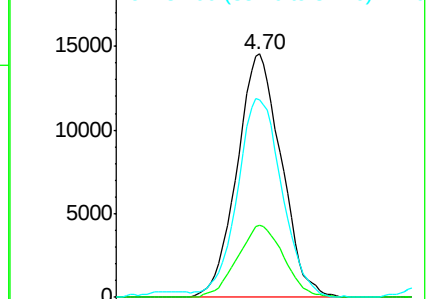
56 100

69 30.9 23.8 35.8

84 82.4 67.0 100.6



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: 9.378 ug/L

RT: 4.63 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VV019418.D

Acq: 23 Nov 2020 12:47

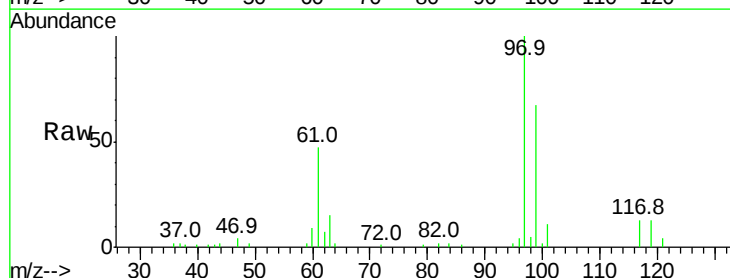
Tgt Ion: 97 Resp: 45826

Ion Ratio Lower Upper

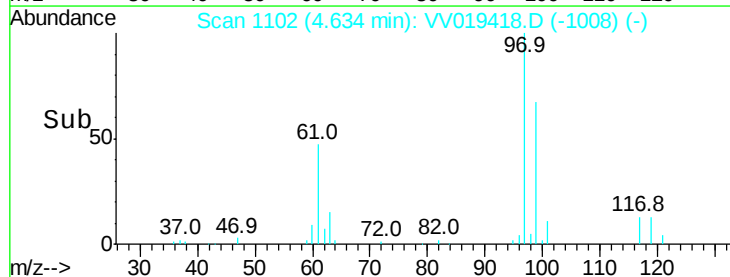
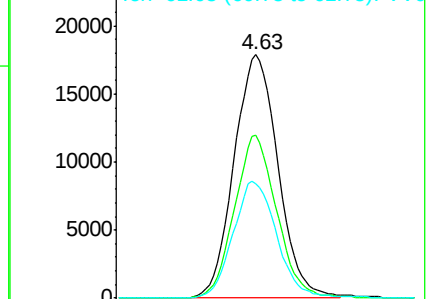
97 100

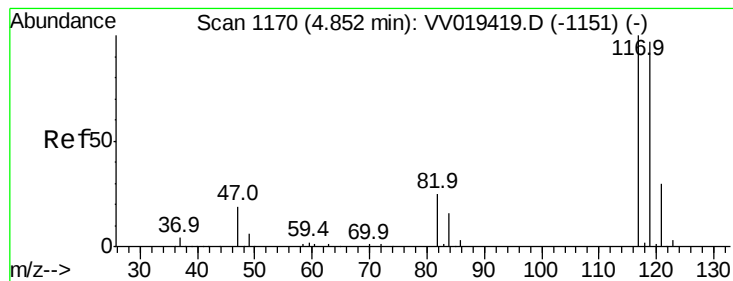
99 63.6 51.0 76.6

61 47.5 36.9 55.3



Abundance Ion 97.00 (96.70 to 97.70): VV0
Ion 99.00 (98.70 to 99.70): VV0
Ion 61.05 (60.75 to 61.75): VV0





#31

Carbon tetrachloride

Concen: 8.976 ug/L

RT: 4.85 min Scan# 1170

Delta R.T. 0.00 min

Lab File: VV019418.D

Acq: 23 Nov 2020 12:47

Instrument :

MSVOA_V

ClientSampleId :

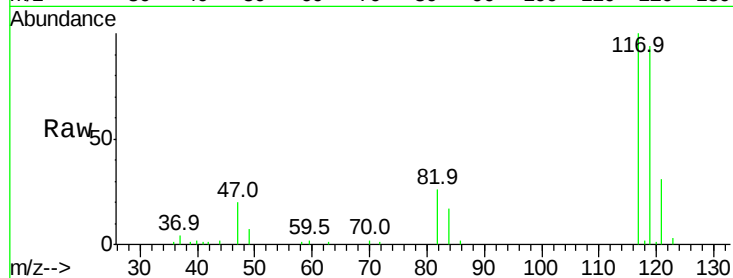
VSTD01065

Tgt Ion:117 Resp: 39498

Ion Ratio Lower Upper

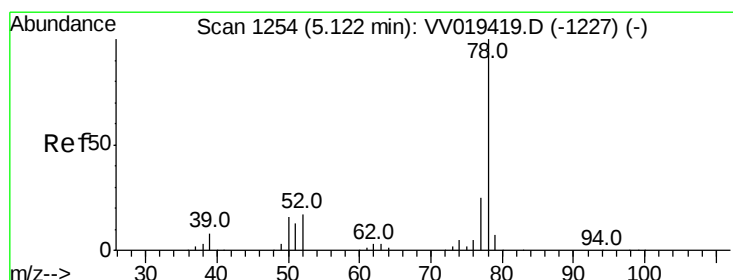
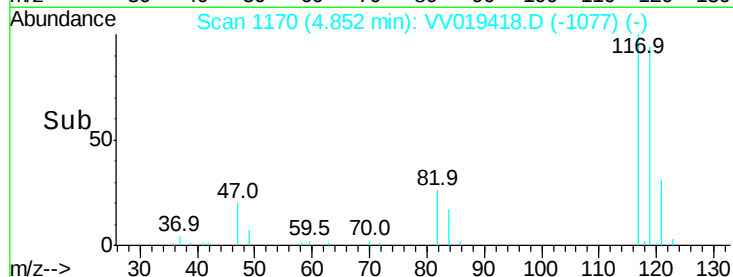
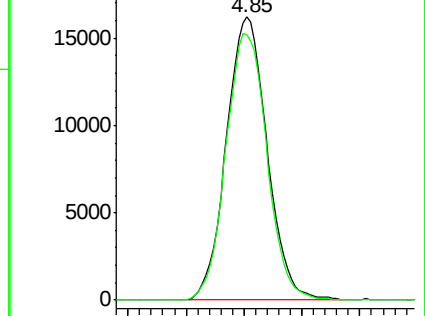
117 100

119 94.8 76.2 114.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 11.795 ug/L

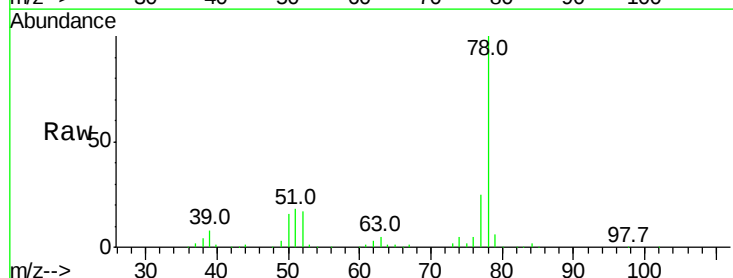
RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

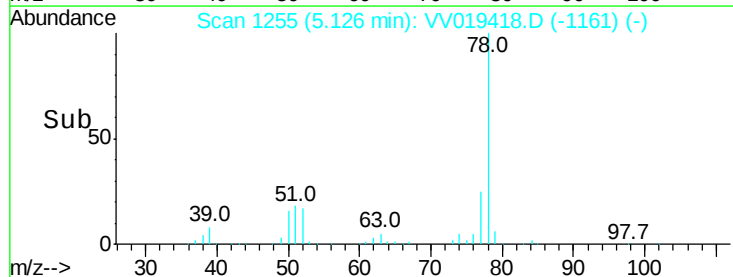
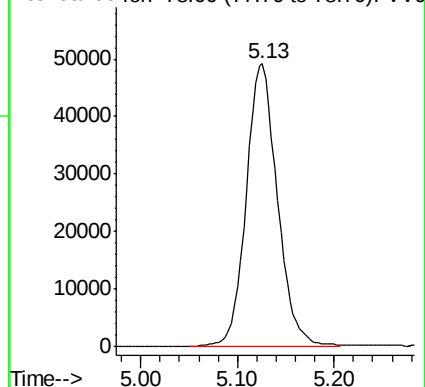
Lab File: VV019418.D

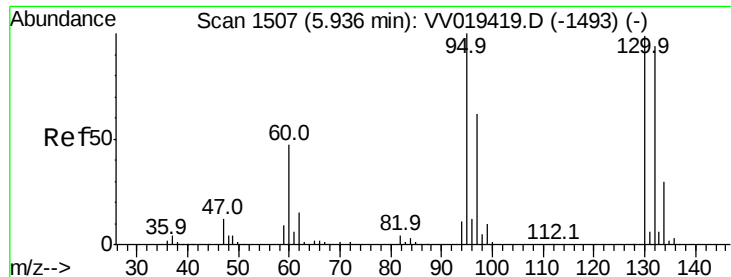
Acq: 23 Nov 2020 12:47

Tgt Ion: 78 Resp: 110684



Abundance Ion 78.00 (77.70 to 78.70): VV0





#34

Trichloroethene

Concen: 11.643 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV019418.D

Acq: 23 Nov 2020 12:47

Instrument :

MSVOA_V

ClientSampleId :

VSTD01065

Tgt Ion: 95 Resp: 32951

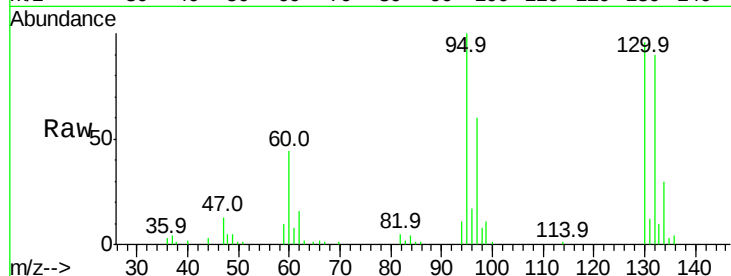
Ion Ratio Lower Upper

95 100

97 59.7 43.8 81.3

132 89.8 65.6 121.8

130 96.4 69.2 128.6

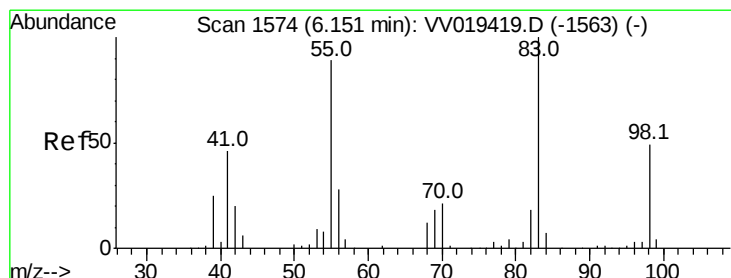
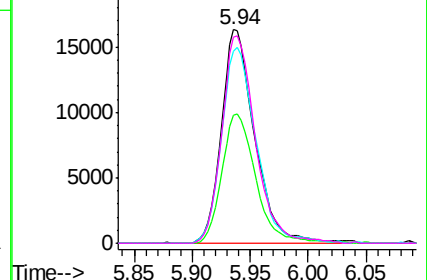
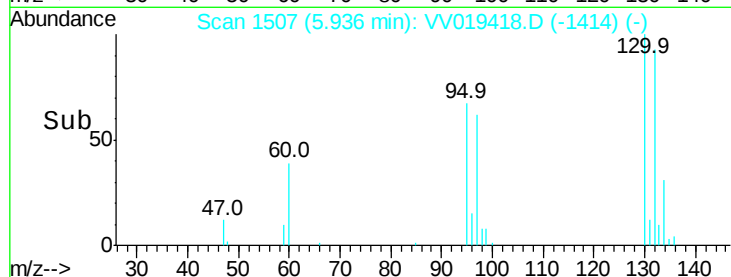


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 9.471 ug/L

RT: 6.15 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VV019418.D

Acq: 23 Nov 2020 12:47

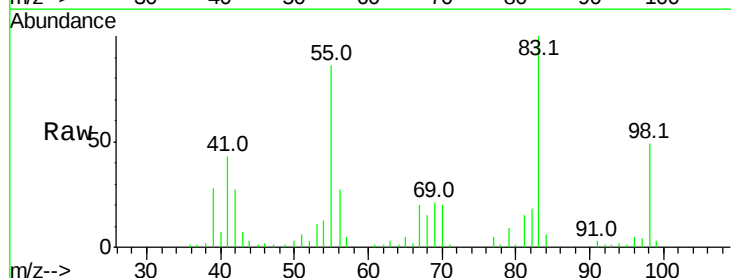
Tgt Ion: 83 Resp: 33125

Ion Ratio Lower Upper

83 100

55 87.9 67.4 101.2

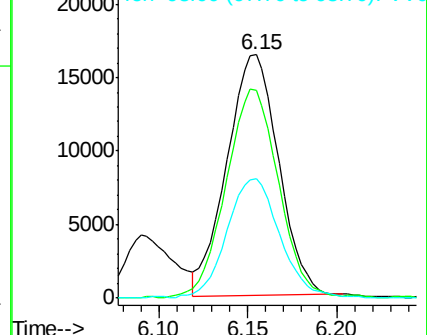
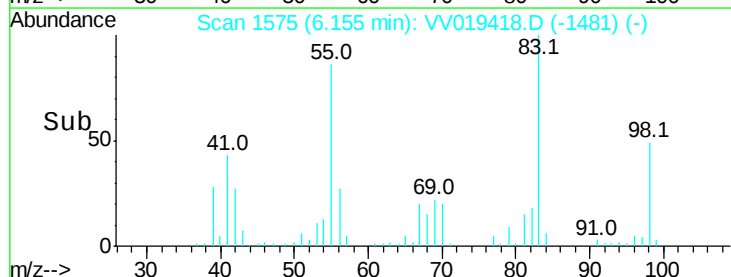
98 50.6 38.3 57.5

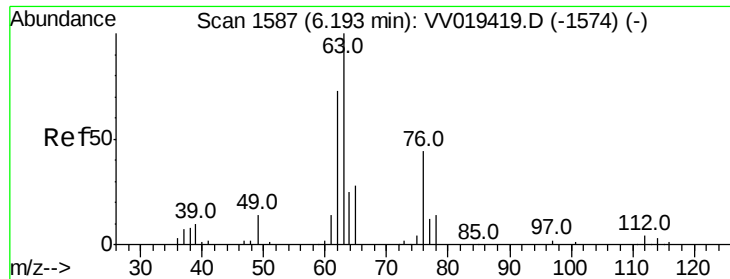


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#37

1,2-Dichloropropane

Concen: 13.175 ug/L

RT: 6.20 min Scan# 1588

Delta R.T. 0.00 min

Lab File: VV019418.D

Acq: 23 Nov 2020 12:47

Instrument :

MSVOA_V

ClientSampleId :

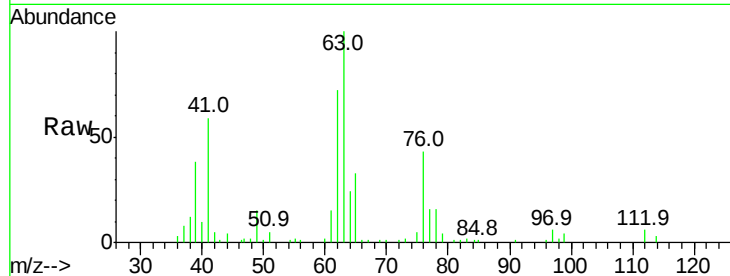
VSTD01065

Tgt Ion: 63 Resp: 30048

Ion Ratio Lower Upper

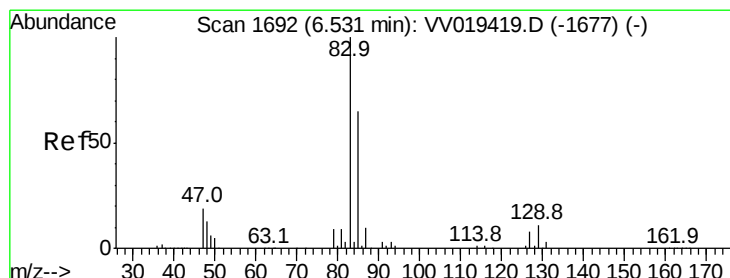
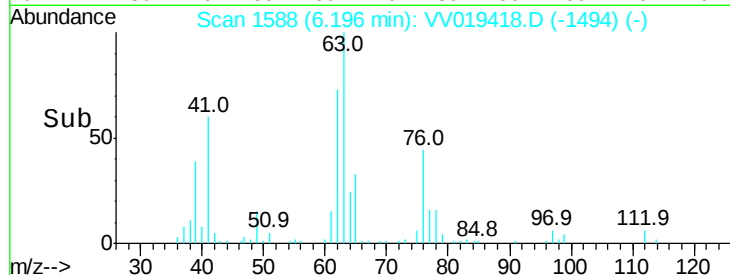
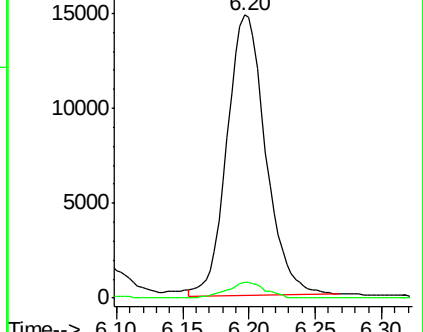
63 100

112 5.6 3.8 5.6



Abundance Ion 63.00 (62.70 to 63.70): VV019418.D (-1574) (-)

Ion 112.00 (111.70 to 112.70): VV019418.D (-1574) (-)



#38

Bromodichloromethane

Concen: 10.940 ug/L

RT: 6.53 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VV019418.D

Acq: 23 Nov 2020 12:47

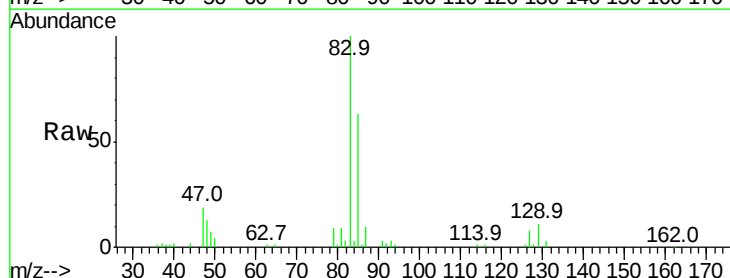
Tgt Ion: 83 Resp: 40558

Ion Ratio Lower Upper

83 100

85 62.6 45.3 84.1

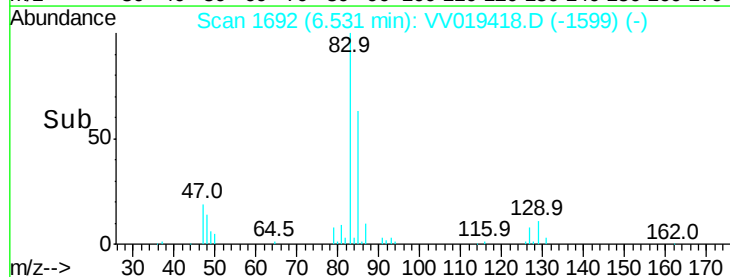
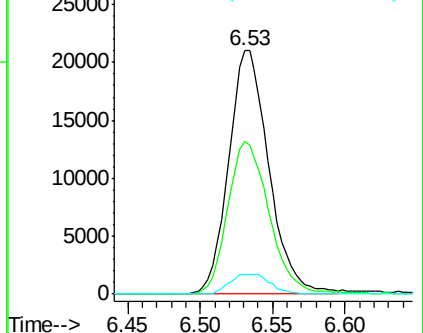
127 8.2 6.6 9.8

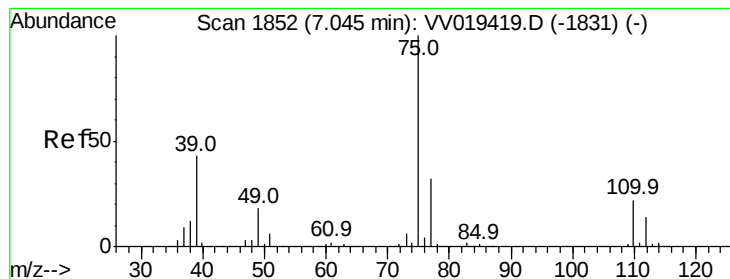


Abundance Ion 83.00 (82.70 to 83.70): VV019418.D (-1677) (-)

Ion 85.00 (84.70 to 85.70): VV019418.D (-1677) (-)

Ion 127.00 (126.70 to 127.70): VV019418.D (-1677) (-)



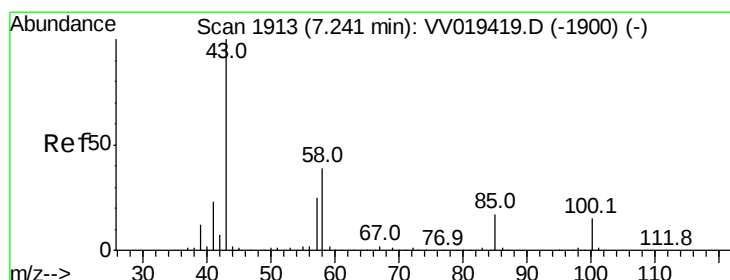
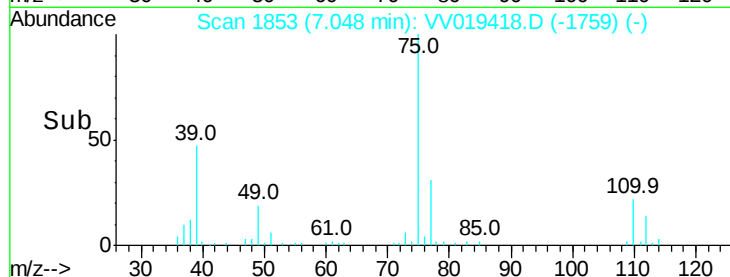
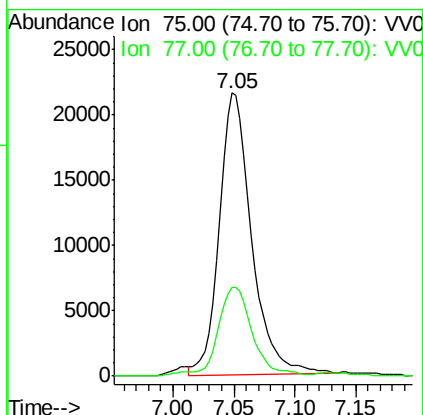
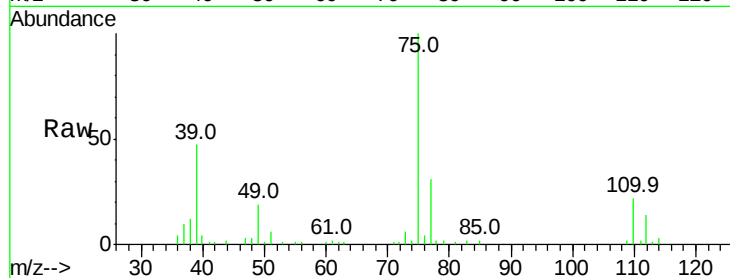


#39

cis-1,3-Dichloropropene
Concen: 10.245 ug/L
RT: 7.05 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VV019418.D
Acq: 23 Nov 2020 12:47

Instrument :
MSVOA_V
ClientSampleId :
VSTD01065

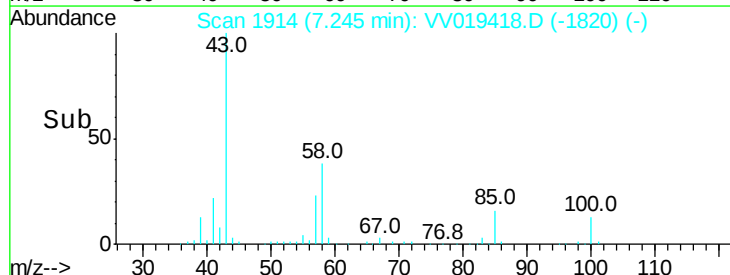
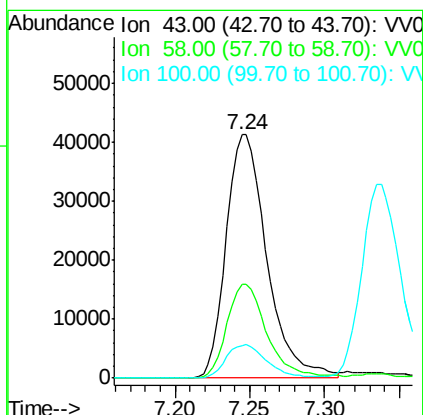
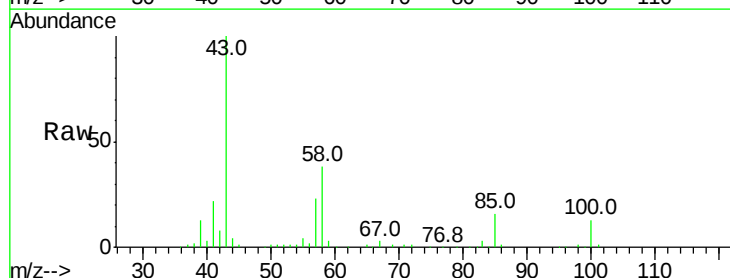
Tgt Ion: 75 Resp: 40060
Ion Ratio Lower Upper
75 100
77 31.2 22.5 41.7

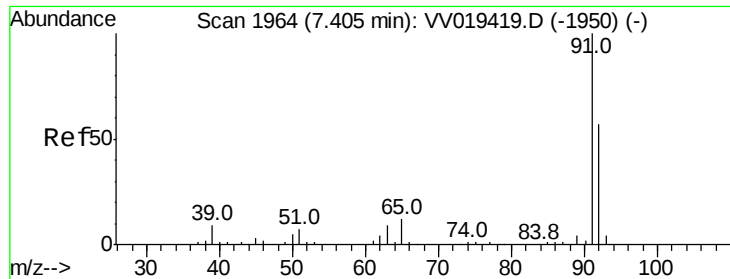


#40

4-Methyl-2-pentanone
Concen: 27.284 ug/L
RT: 7.24 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VV019418.D
Acq: 23 Nov 2020 12:47

Tgt Ion: 43 Resp: 78516
Ion Ratio Lower Upper
43 100
58 37.2 31.0 46.4
100 13.7 11.7 17.5





#42

Toluene

Concen: 10.699 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV019418.D

Acq: 23 Nov 2020 12:47

Instrument :

MSVOA_V

ClientSampleId :

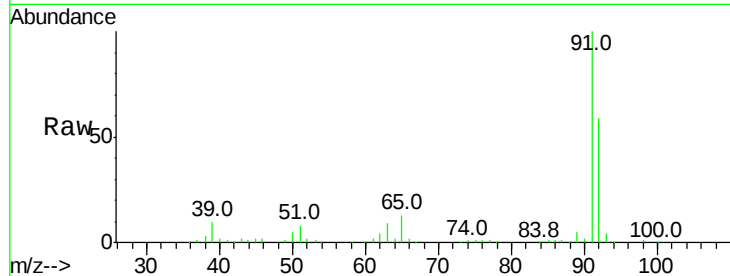
VSTD01065

Tgt Ion: 91 Resp: 112938

Ion Ratio Lower Upper

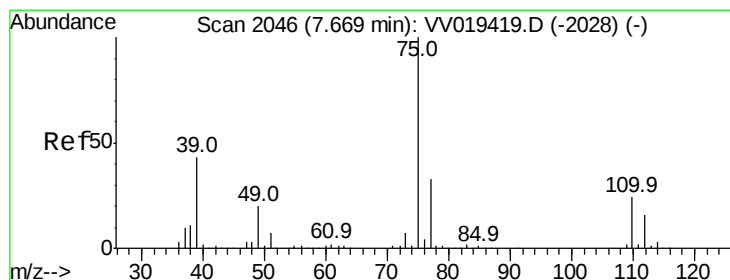
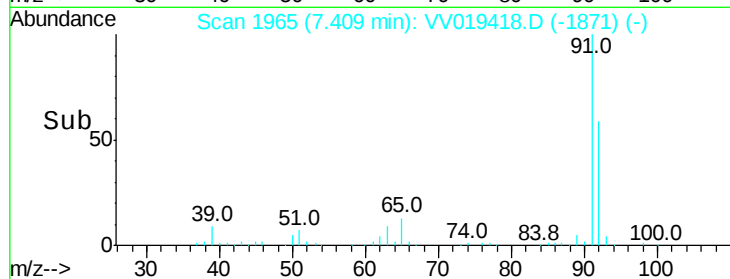
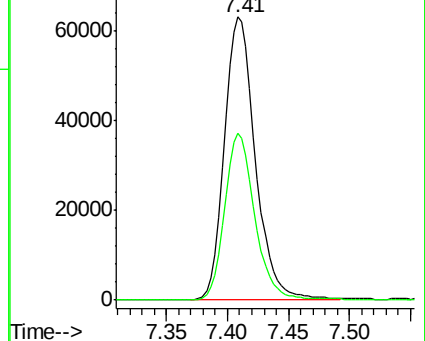
91 100

92 58.9 40.0 74.4



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0



#44

trans-1,3-Dichloropropene

Concen: 9.809 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VV019418.D

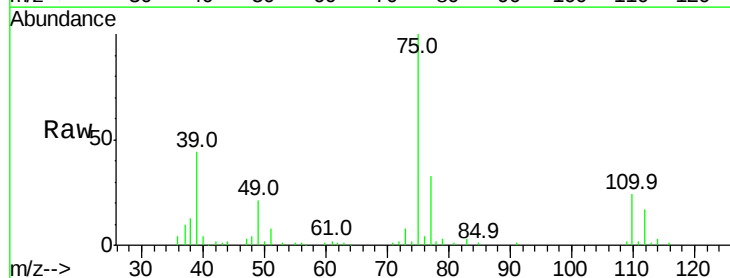
Acq: 23 Nov 2020 12:47

Tgt Ion: 75 Resp: 40851

Ion Ratio Lower Upper

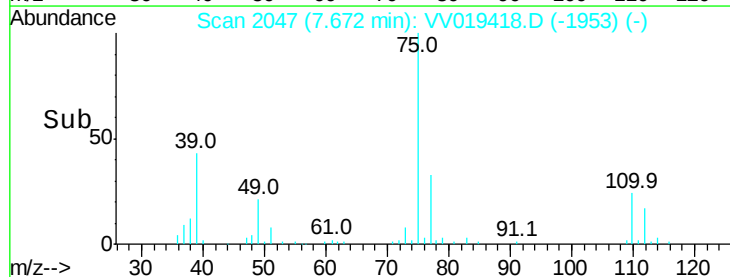
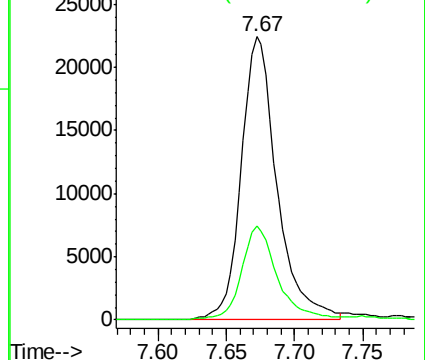
75 100

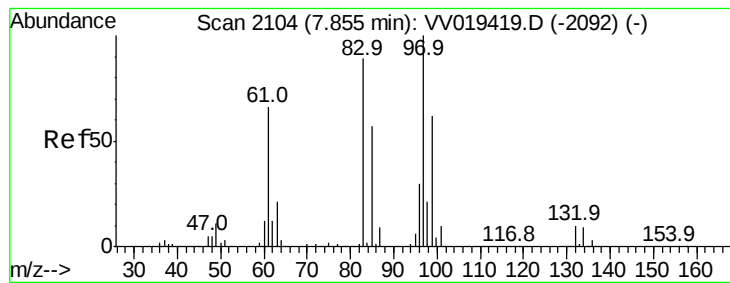
77 33.1 22.8 42.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#45

1,1,2-Trichloroethane

Concen: 11.649 ug/L

RT: 7.86 min Scan# 2105

Delta R.T. 0.00 min

Lab File: VV019418.D

Acq: 23 Nov 2020 12:47

Instrument :

MSVOA_V

ClientSampleId :

VSTD01065

Tgt Ion: 97 Resp: 28817

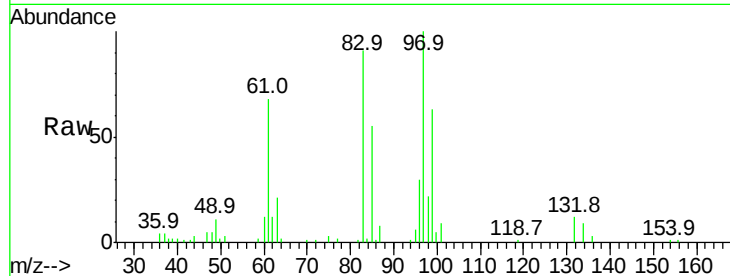
Ion Ratio Lower Upper

97 100

99 62.6 43.7 81.1

83 90.9 62.0 115.2

85 55.3 40.0 74.4



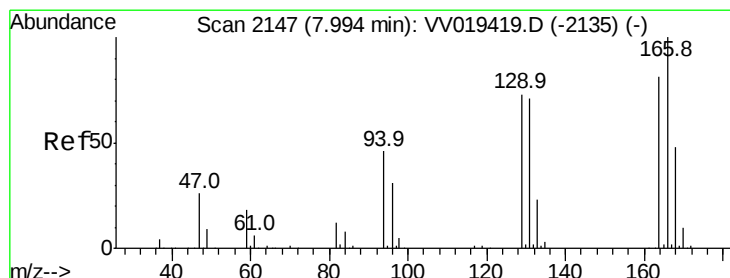
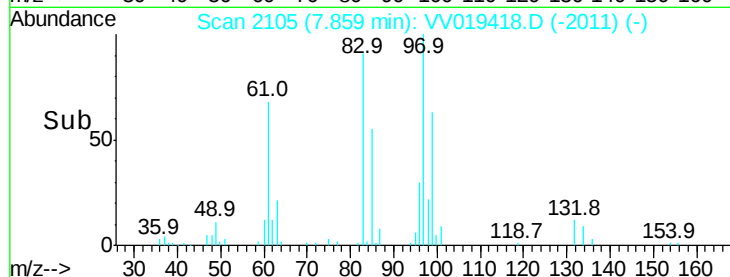
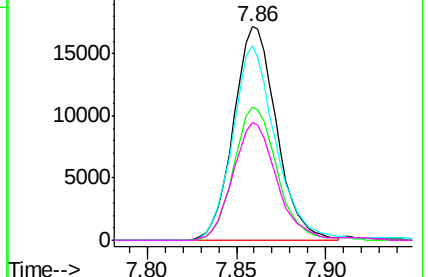
Abundance

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: 8.789 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV019418.D

Acq: 23 Nov 2020 12:47

Tgt Ion: 164 Resp: 21910

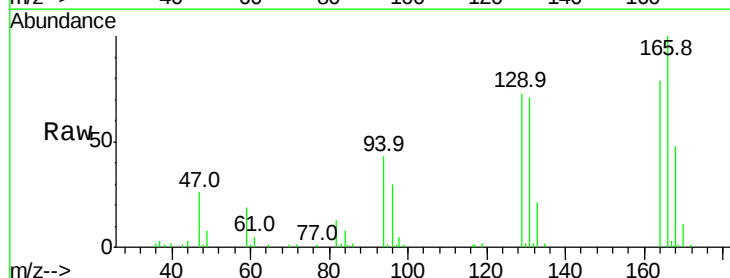
Ion Ratio Lower Upper

164 100

129 91.8 62.9 116.7

131 90.0 61.1 113.5

166 125.9 86.5 160.6



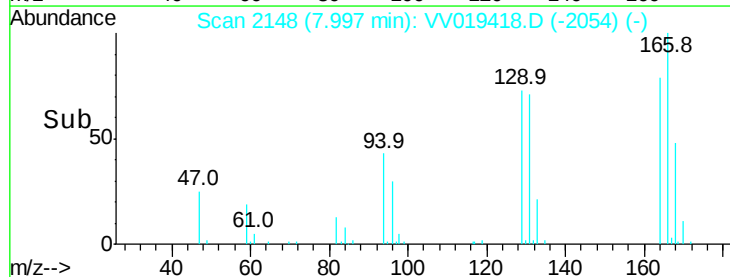
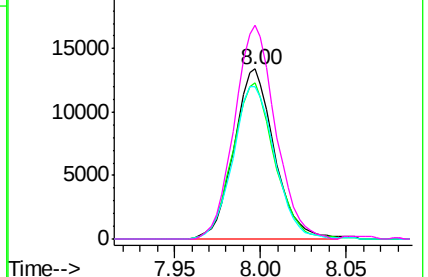
Abundance

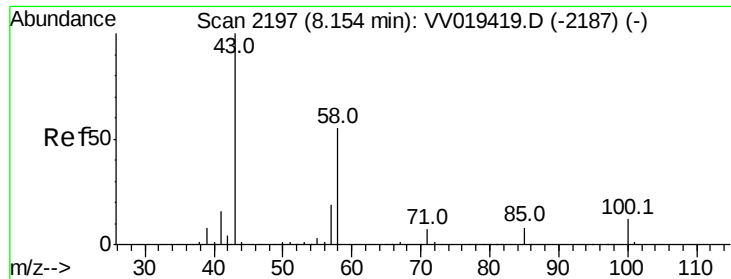
Ion 164.00 (163.70 to 164.70): V

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

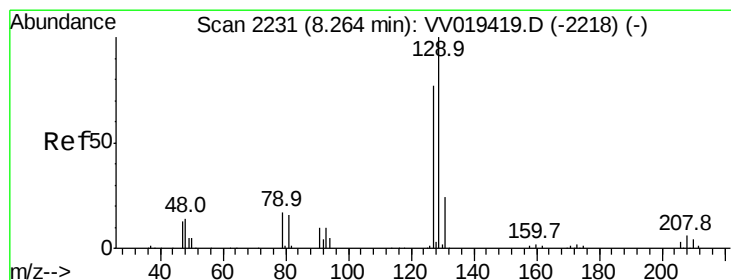
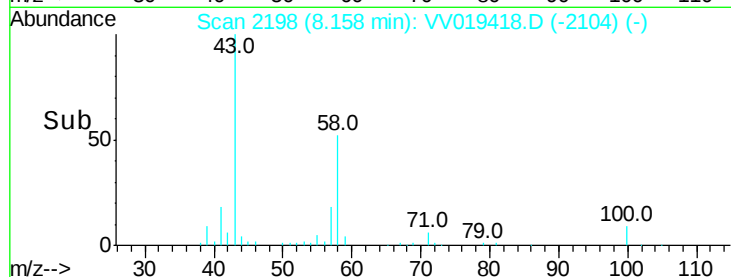
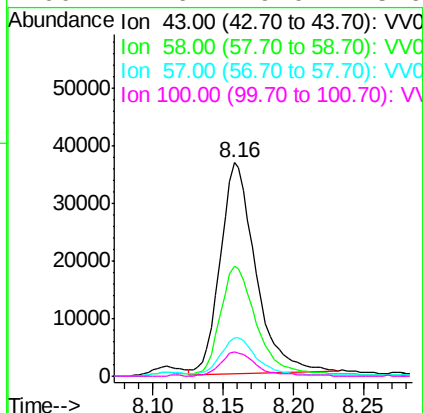
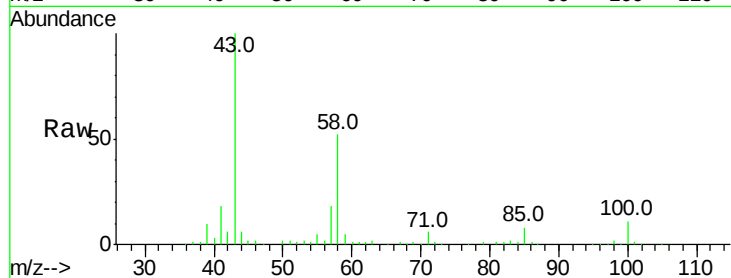




#48
2-Hexanone
Concen: 28.316 ug/L
RT: 8.16 min Scan# 2198
Delta R.T. 0.00 min
Lab File: VV019418.D
Acq: 23 Nov 2020 12:47

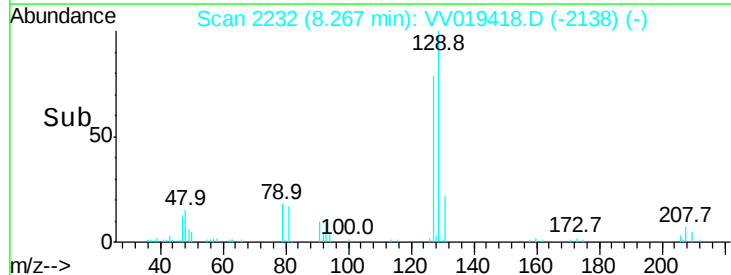
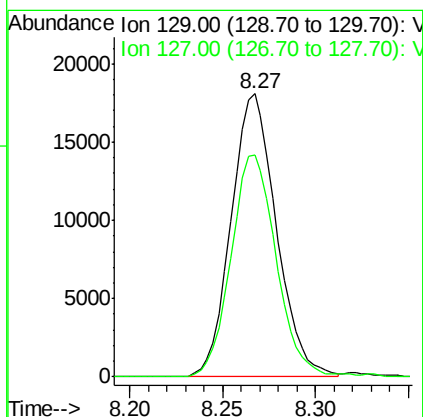
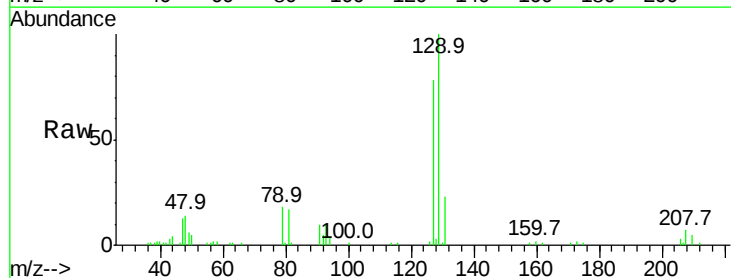
Instrument :
MSVOA_V
ClientSampled :
VSTD01065

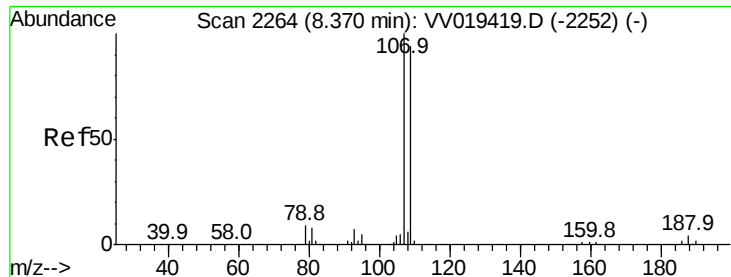
Tgt Ion: 43 Resp: 63860
Ion Ratio Lower Upper
43 100
58 53.9 43.8 65.6
57 19.4 15.4 23.2
100 11.6 9.0 13.6



#49
Dibromochloromethane
Concen: 9.665 ug/L
RT: 8.27 min Scan# 2232
Delta R.T. 0.00 min
Lab File: VV019418.D
Acq: 23 Nov 2020 12:47

Tgt Ion: 129 Resp: 30683
Ion Ratio Lower Upper
129 100
127 78.4 53.5 99.5

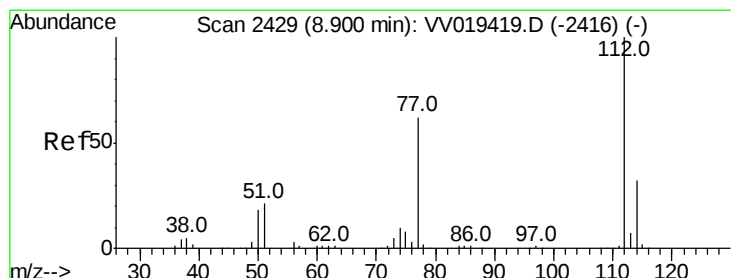
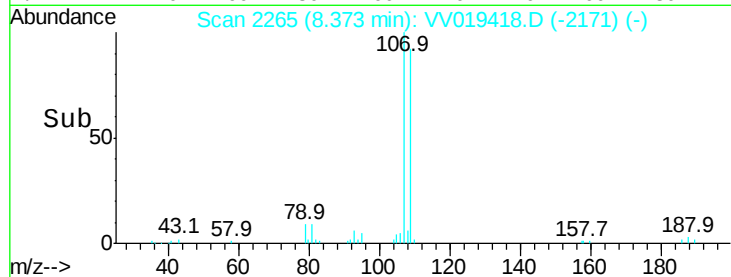
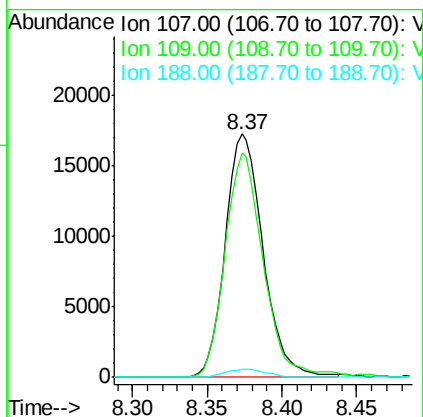
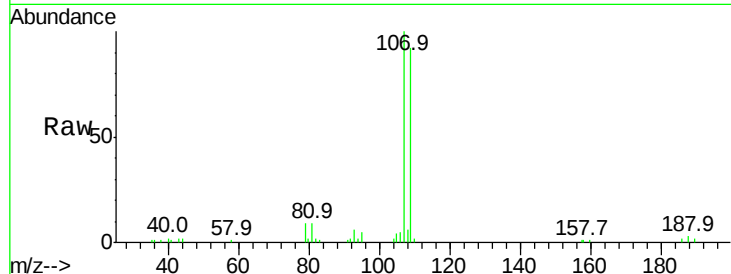




#50
1,2-Dibromoethane
Concen: 11.250 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.00 min
Lab File: VV019418.D
Acq: 23 Nov 2020 12:47

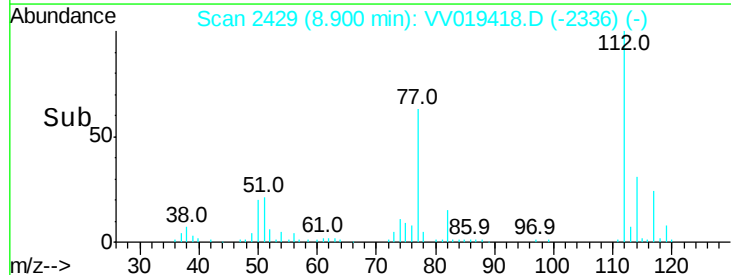
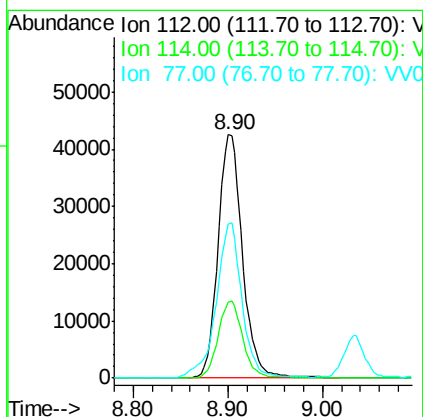
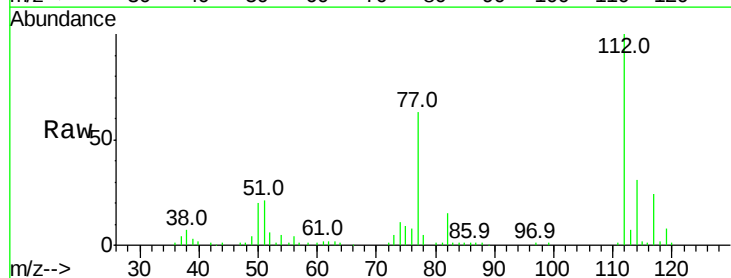
Instrument :
MSVOA_V
ClientSampleId :
VSTD01065

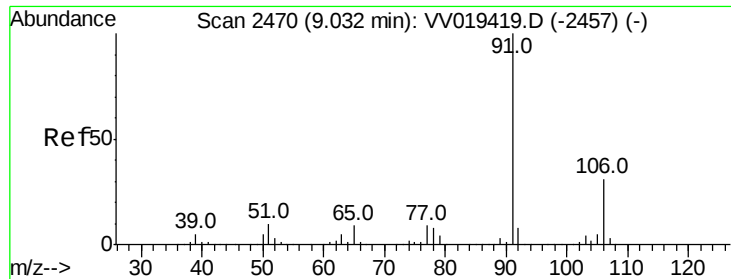
Tgt Ion:107 Resp: 30449
Ion Ratio Lower Upper
107 100
109 92.3 66.1 122.8
188 3.4 3.0 4.4



#51
Chlorobenzene
Concen: 10.548 ug/L
RT: 8.90 min Scan# 2429
Delta R.T. 0.00 min
Lab File: VV019418.D
Acq: 23 Nov 2020 12:47

Tgt Ion:112 Resp: 76570
Ion Ratio Lower Upper
112 100
114 31.0 22.7 42.1
77 63.5 50.3 75.5

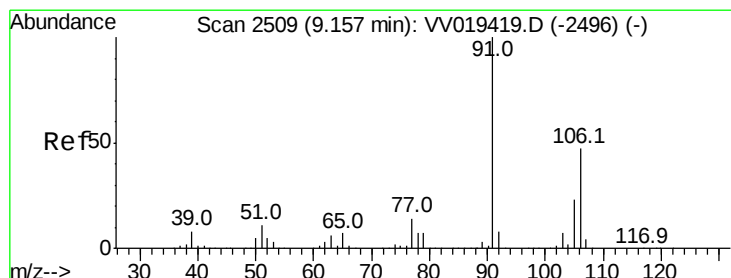
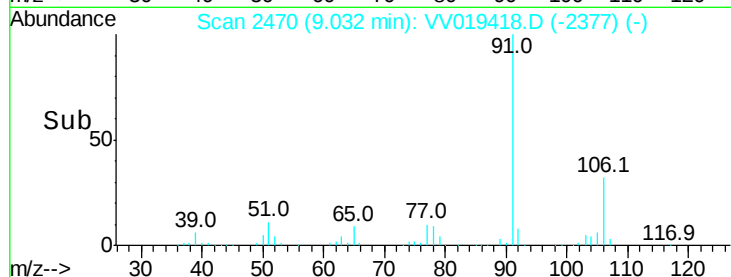
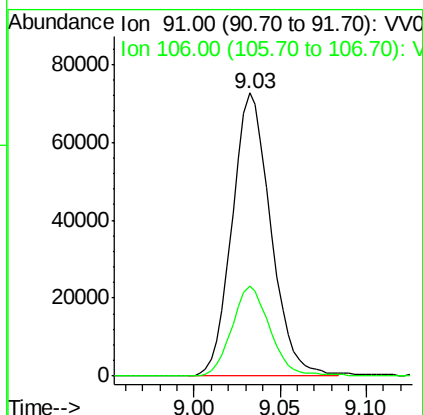
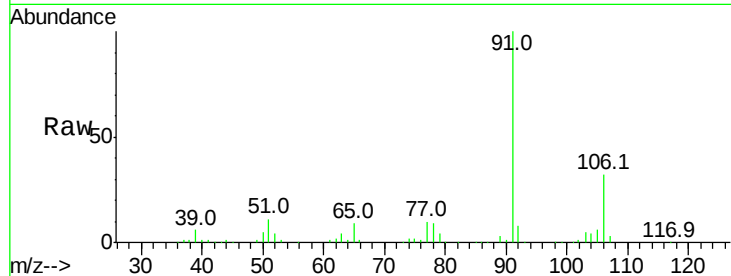




#52
Ethylbenzene
Concen: 9.596 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. 0.00 min
Lab File: VV019418.D
Acq: 23 Nov 2020 12:47

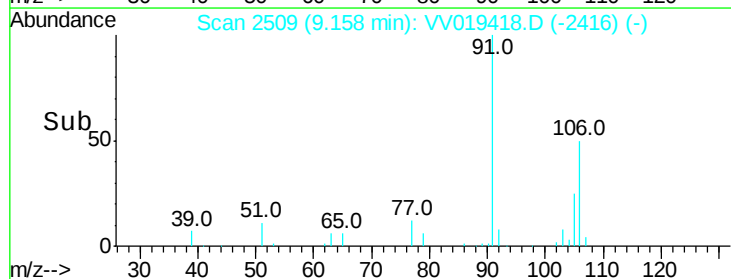
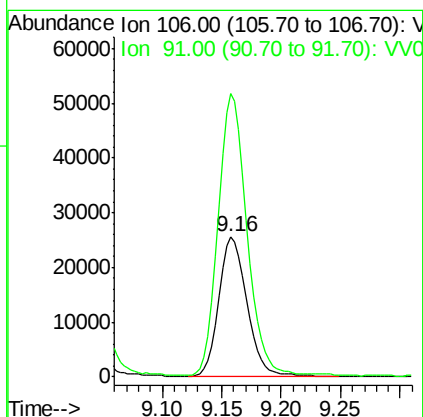
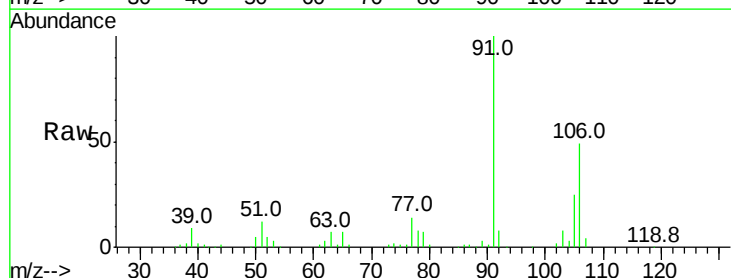
Instrument :
MSVOA_V
ClientSampleId :
VSTD01065

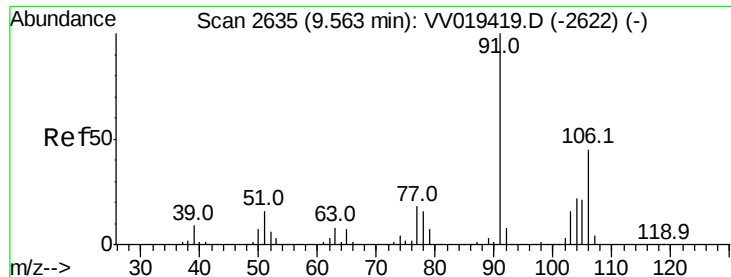
Tgt Ion: 91 Resp: 113275
Ion Ratio Lower Upper
91 100
106 31.6 21.4 39.8



#53
m,p-Xylene
Concen: 9.302 ug/L
RT: 9.16 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VV019418.D
Acq: 23 Nov 2020 12:47

Tgt Ion: 106 Resp: 42523
Ion Ratio Lower Upper
106 100
91 202.1 148.7 276.3





#54

o-xylene

Concen: 8.905 ug/L

RT: 9.56 min Scan# 2635

Delta R.T. 0.00 min

Lab File: VV019418.D

Acq: 23 Nov 2020 12:47

Instrument :

MSVOA_V

ClientSampleId :

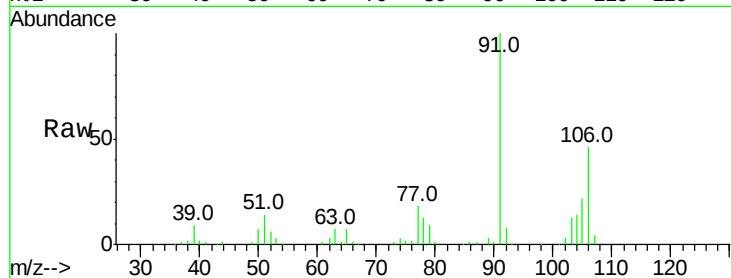
VSTD01065

Tgt Ion:106 Resp: 39364

Ion Ratio Lower Upper

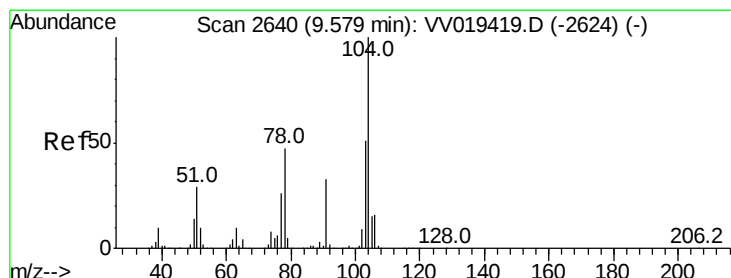
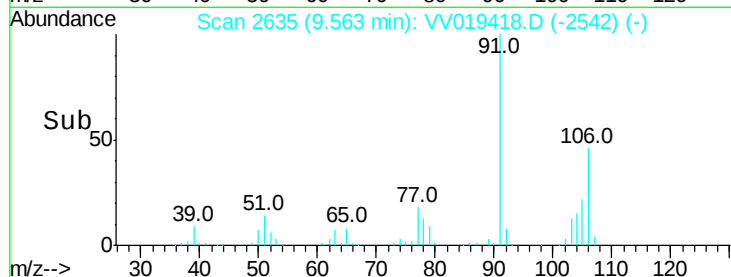
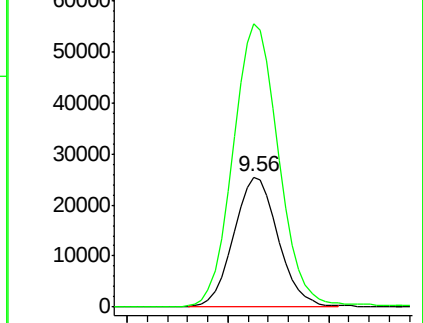
106 100

91 217.4 155.1 288.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

Styrene

Concen: 9.103 ug/L

RT: 9.58 min Scan# 2641

Delta R.T. 0.00 min

Lab File: VV019418.D

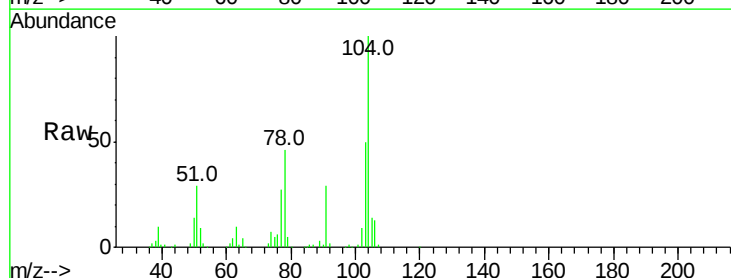
Acq: 23 Nov 2020 12:47

Tgt Ion:104 Resp: 71163

Ion Ratio Lower Upper

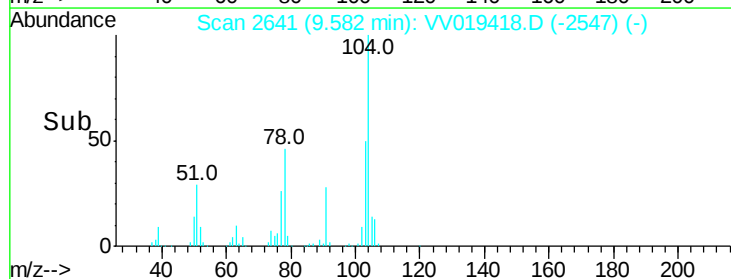
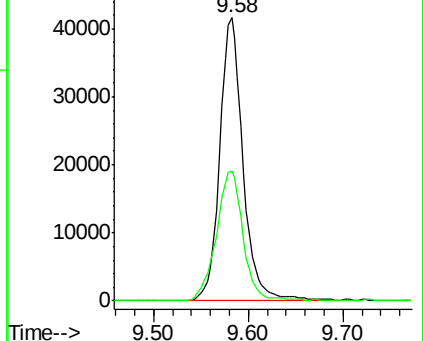
104 100

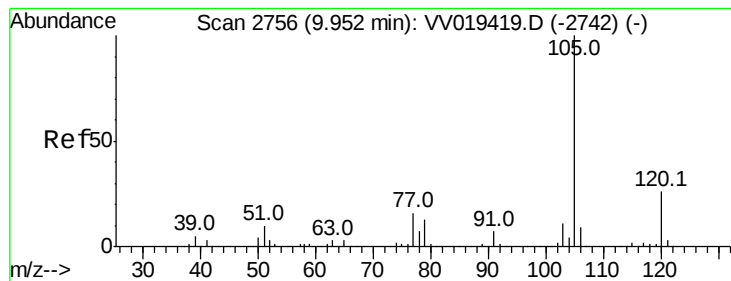
78 45.9 33.0 61.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0





#56

Isopropylbenzene

Concen: 8.888 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VV019418.D

Acq: 23 Nov 2020 12:47

Instrument :

MSVOA_V

ClientSampleId :

VSTD01065

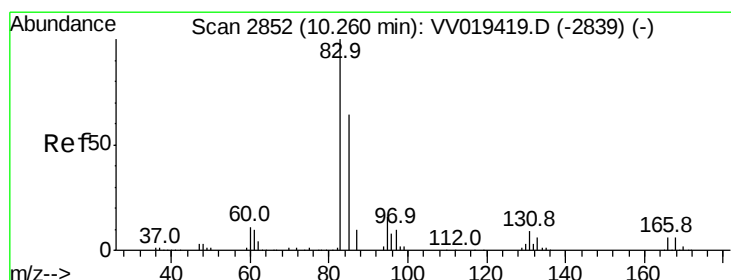
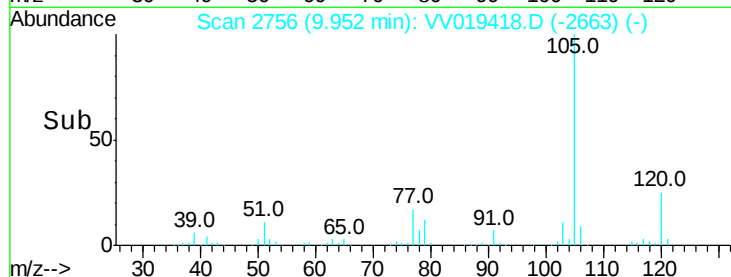
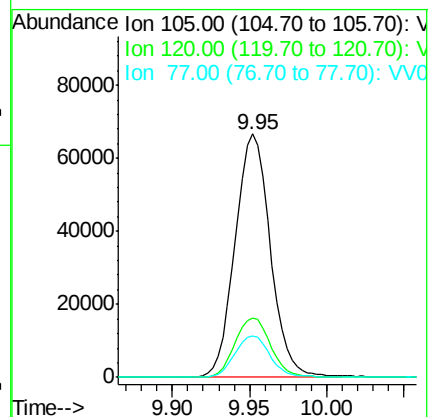
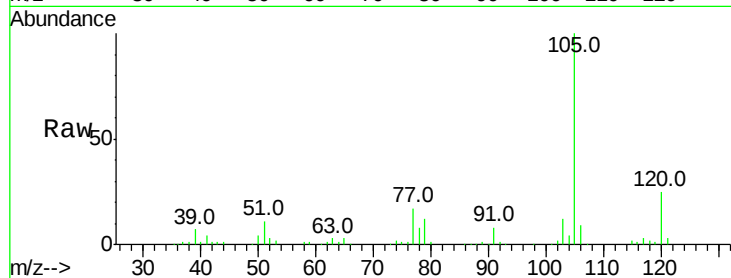
Tgt Ion:105 Resp: 105500

Ion Ratio Lower Upper

105 100

120 24.8 20.8 31.2

77 17.0 13.1 19.7



#58

1,1,2,2-Tetrachloroethane

Concen: 12.177 ug/L

RT: 10.26 min Scan# 2852

Delta R.T. 0.00 min

Lab File: VV019418.D

Acq: 23 Nov 2020 12:47

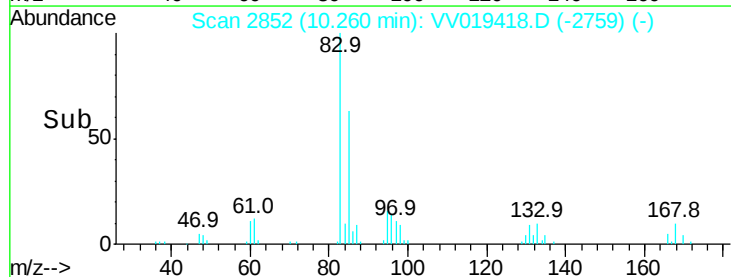
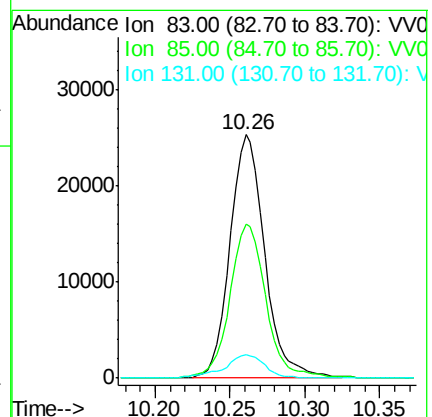
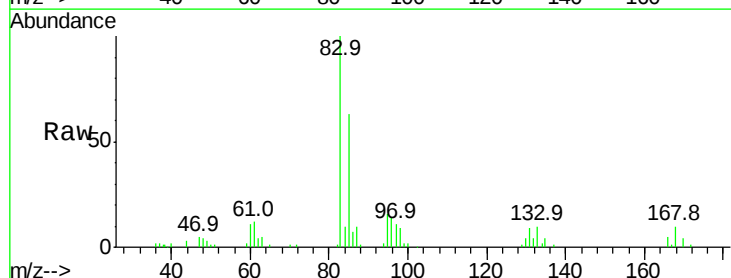
Tgt Ion: 83 Resp: 41162

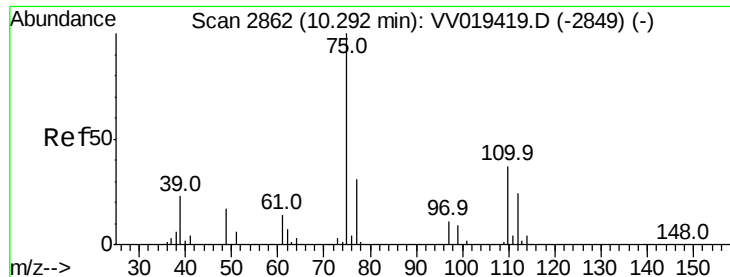
Ion Ratio Lower Upper

83 100

85 63.4 44.8 83.2

131 9.5 7.2 10.8





#59

1,2,3-Trichloropropane

Concen: 13.158 ug/L

RT: 10.30 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VV019418.D

Acq: 23 Nov 2020 12:47

Instrument :

MSVOA_V

ClientSampleId :

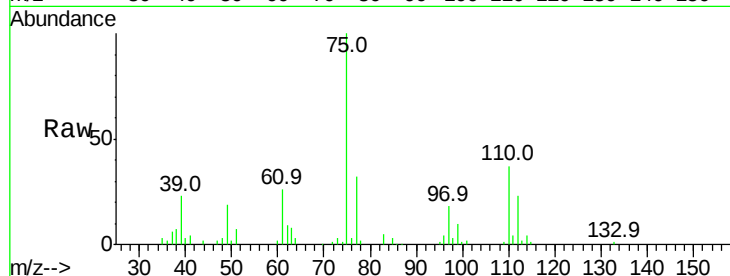
VSTD01065

Tgt Ion: 75 Resp: 40982

Ion Ratio Lower Upper

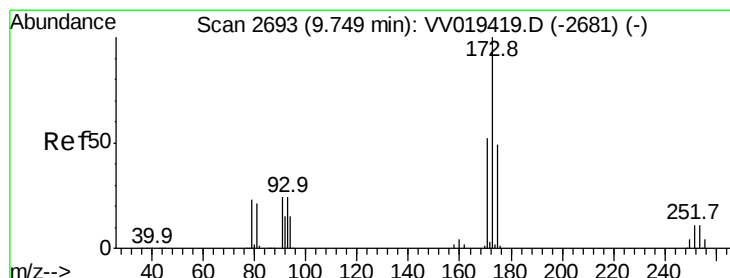
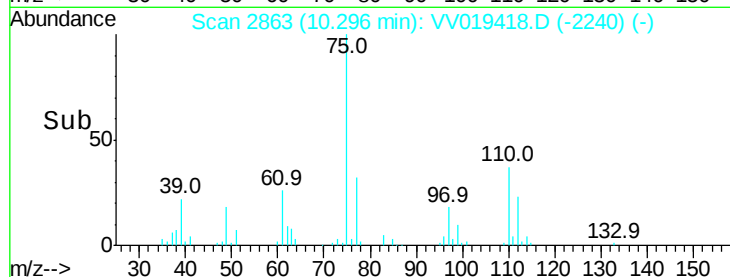
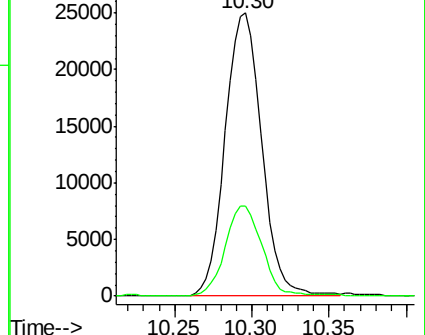
75 100

77 31.9 25.2 37.8



Abundance Ion 75.00 (74.70 to 75.70): VV019419.D (-2849) (-)

Ion 77.00 (76.70 to 77.70): VV019419.D (-2849) (-)



#61

Bromoform

Concen: 9.756 ug/L

RT: 9.75 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VV019418.D

Acq: 23 Nov 2020 12:47

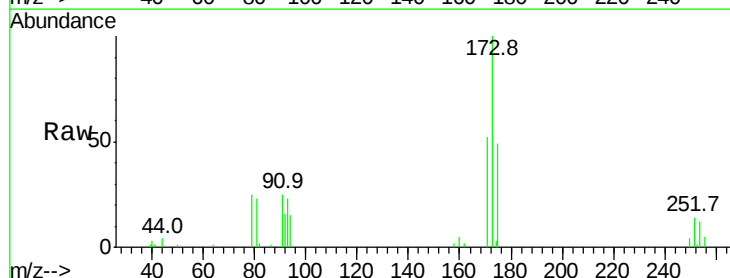
Tgt Ion: 173 Resp: 22162

Ion Ratio Lower Upper

173 100

175 50.1 38.8 58.2

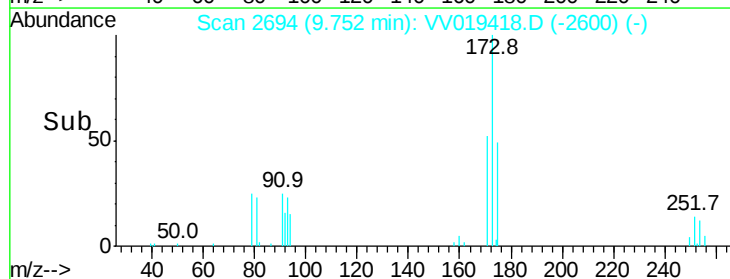
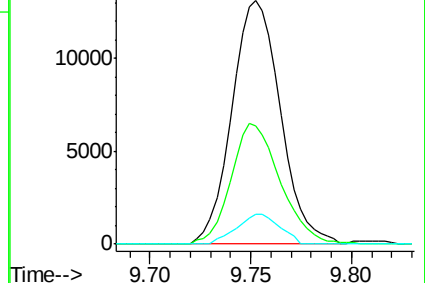
254 10.8 8.6 13.0

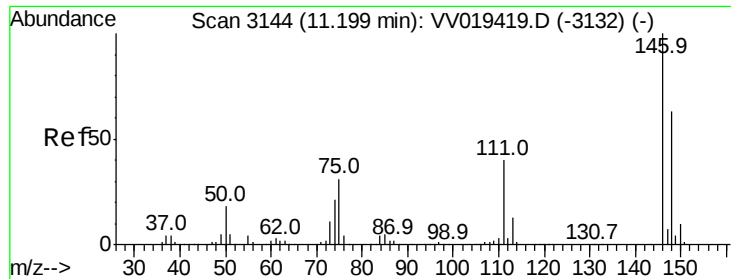


Abundance Ion 173.00 (172.70 to 173.70): VV019419.D (-2681) (-)

Ion 175.00 (174.70 to 175.70): VV019419.D (-2681) (-)

Ion 254.00 (253.70 to 254.70): VV019419.D (-2681) (-)





#62

1,3-Dichlorobenzene

Concen: 10.184 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.00 min

Lab File: VV019418.D

Acq: 23 Nov 2020 12:47

Instrument :

MSVOA_V

ClientSampleId :

VSTD01065

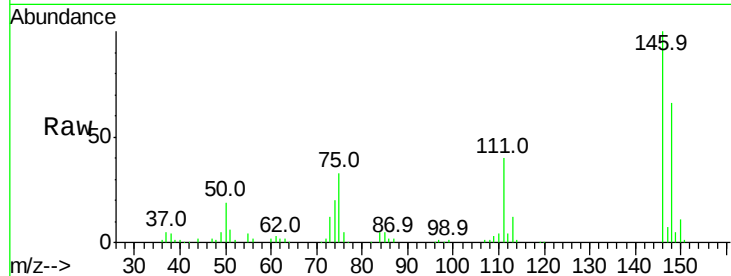
Tgt Ion:146 Resp: 57091

Ion Ratio Lower Upper

146 100

111 40.1 27.9 51.7

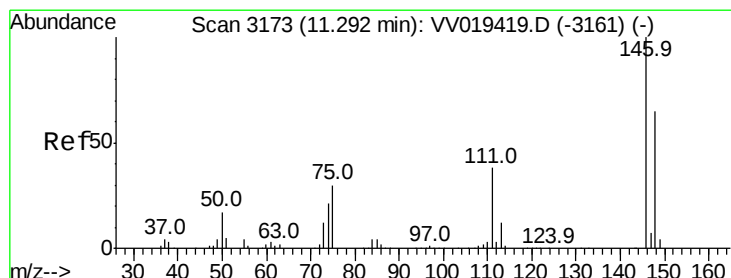
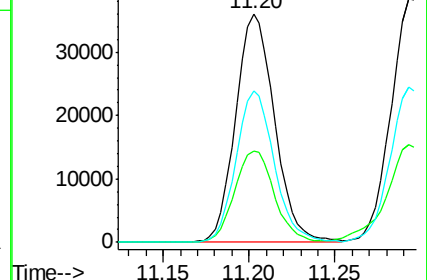
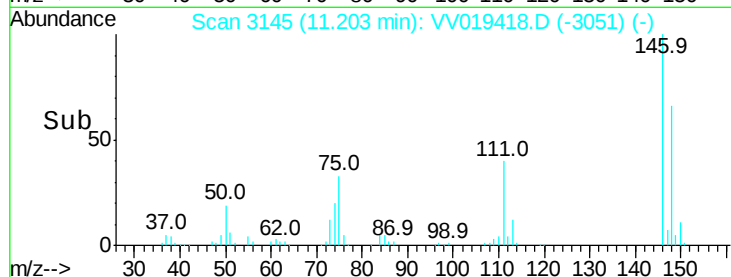
148 66.4 44.4 82.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 10.616 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.00 min

Lab File: VV019418.D

Acq: 23 Nov 2020 12:47

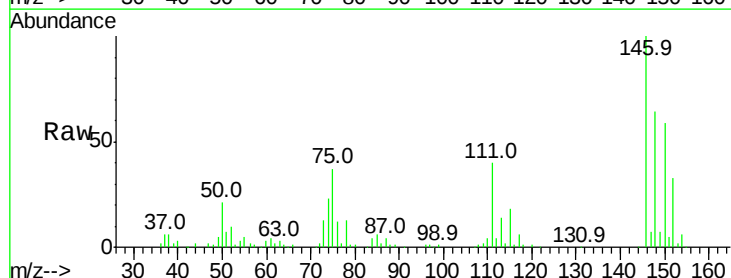
Tgt Ion:146 Resp: 62257

Ion Ratio Lower Upper

146 100

111 40.3 26.7 49.7

148 63.6 45.2 84.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

