

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
 Data File : VV018774.D
 Acq On : 08 Oct 2020 20:17
 Operator : SY/MD
 Sample : VSTD01061
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01061

Quant Time: Oct 08 23:37:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 23:30:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	339242	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	332621	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	173688	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31972	14.67	ug/L	0.00
7) Chloroethane-d5	1.58	69	26850	15.00	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	61010	13.99	ug/L	0.00
21) 2-Butanone-d5	3.91	46	42641	27.69	ug/L	0.00
24) Chloroform-d	4.38	84	59281	13.35	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	37919	13.21	ug/L	0.00
32) Benzene-d6	5.08	84	104506	11.90	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	33407	12.12	ug/L	0.00
41) Toluene-d8	7.34	98	92616	11.31	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	15915	11.14	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	19234	19.20	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	36751	10.55	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	37946	11.09	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	22435	10.021	ug/L	98
3) Chloromethane	1.25	50	30877	12.455	ug/L	99
5) Vinyl chloride	1.32	62	30846	11.789	ug/L	96
6) Bromomethane	1.53	94	18652	10.787	ug/L	96
8) Chloroethane	1.59	64	21469	13.172	ug/L	99
9) Trichlorofluoromethane	1.76	101	46287	11.754	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	25209	11.406	ug/L	97
12) 1,1-Dichloroethene	2.13	96	23963	11.288	ug/L	92
13) Acetone	2.18	43	34700	26.673	ug/L	100
14) Carbon disulfide	2.31	76	71984	10.702	ug/L	99
15) Methyl Acetate	2.45	43	34196	13.550	ug/L	100
16) Methylene chloride	2.52	84	32405	12.755	ug/L	97
17) trans-1,2-Dichloroethene	2.78	96	27250	11.617	ug/L	96
18) Methyl tert-butyl Ether	2.78	73	91947	12.604	ug/L	99
19) 1,1-Dichloroethane	3.21	63	56865	13.430	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	29559	11.792	ug/L	97
22) 2-Butanone	4.00	43	41937	26.301	ug/L	93
23) Bromochloromethane	4.28	128	15383	11.273	ug/L	98
25) Chloroform	4.41	83	56001	12.601	ug/L	98
27) 1,2-Dichloroethane	5.16	62	41007	11.715	ug/L	99
29) Cyclohexane	4.70	56	38906	10.312	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	44463	10.835	ug/L	99
31) Carbon tetrachloride	4.86	117	37617	10.296	ug/L	98
33) Benzene	5.13	78	105125	10.791	ug/L	100
34) Trichloroethene	5.94	95	31549	11.016	ug/L	96
35) Methylcyclohexane	6.15	83	34962	9.197	ug/L	98
37) 1,2-Dichloropropane	6.20	63	29190	11.367	ug/L	99
38) Bromodichloromethane	6.53	83	37737	11.233	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	38682	9.928	ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	75240	23.119	ug/L	99

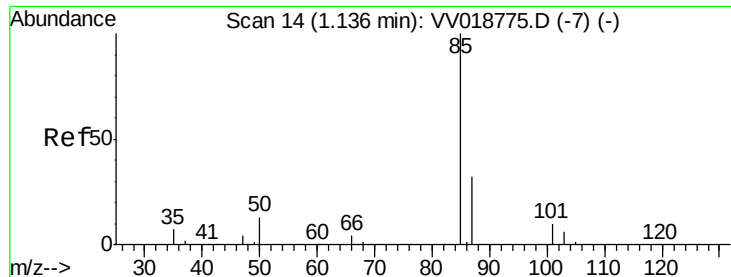
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
 Data File : VV018774.D
 Acq On : 08 Oct 2020 20:17
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 23:30:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	110326	10.531	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	41755	10.836	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	26795	10.899	ug/L	96
46) Tetrachloroethene	8.00	164	23615	10.533	ug/L	99
48) 2-Hexanone	8.16	43	58982	23.203	ug/L	97
49) Dibromochloromethane	8.27	129	28878	10.373	ug/L	99
50) 1,2-Dibromoethane	8.38	107	27786	10.717	ug/L	96
51) Chlorobenzene	8.90	112	74287	10.567	ug/L	99
52) Ethylbenzene	9.03	91	120537	10.288	ug/L	100
53) m,p-Xylene	9.16	106	43627	9.701	ug/L	98
54) o-xylene	9.56	106	41481	9.768	ug/L	99
55) Styrene	9.58	104	73615	9.906	ug/L	99
56) Isopropylbenzene	9.95	105	111577	9.595	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	34615	9.979	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	35137	11.471	ug/L	99
61) Bromoform	9.75	173	18878	9.579	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	58777	10.582	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	59773	10.441	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	59081	10.703	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	7490	10.087	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	38210	10.041	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	33732	9.567	ug/L	99
69) Naphthalene	13.53	128	87528	8.686	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	34640	9.753	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 10.021 ug/L

RT: 1.14 min Scan# 14

Delta R.T. 0.00 min

Lab File: VV018774.D

Acq: 08 Oct 2020 20:17

Instrument :

MSVOA_V

ClientSampleId :

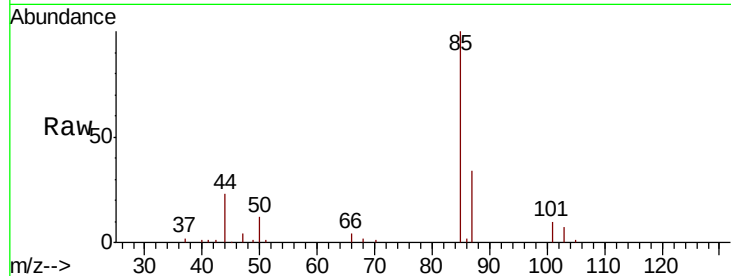
VSTD01061

Tot Ion: 85 Resp: 22435

Ion Ratio Lower Upper

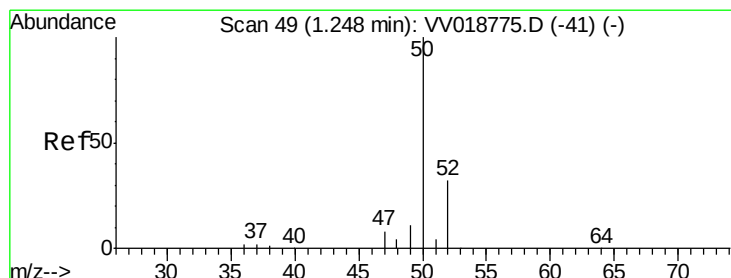
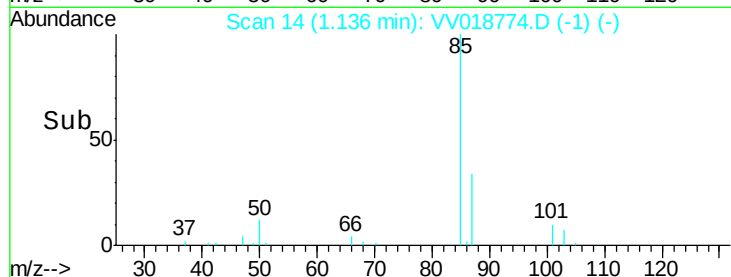
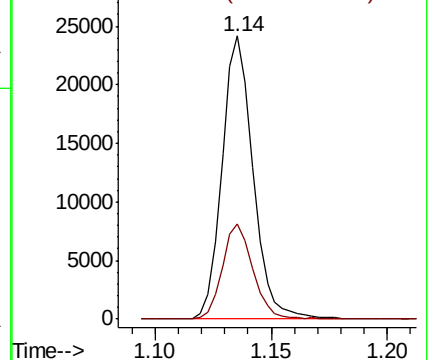
85 100

87 33.0 25.5 38.3



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#3

Chloromethane

Concen: 12.455 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV018774.D

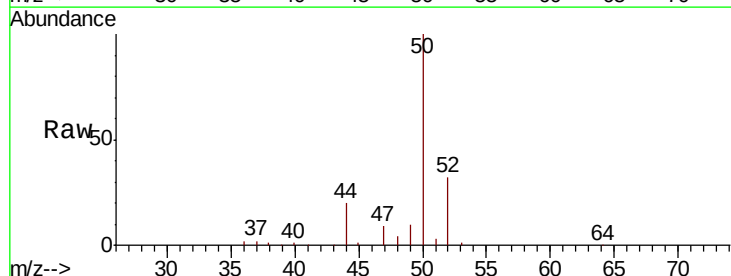
Acq: 08 Oct 2020 20:17

Tgt Ion: 50 Resp: 30877

Ion Ratio Lower Upper

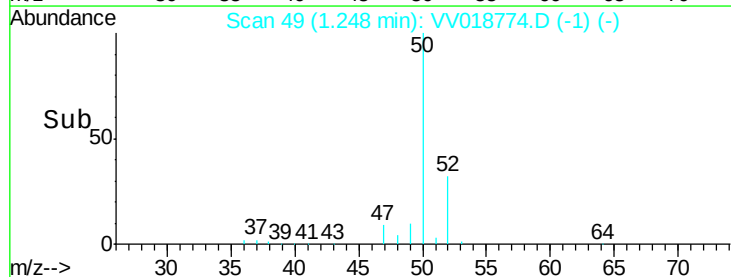
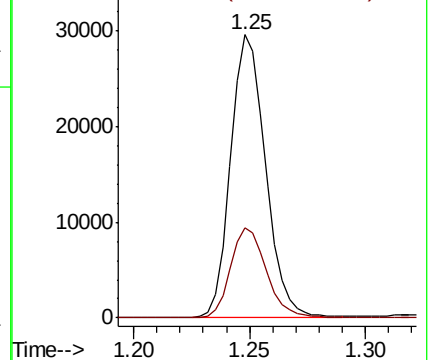
50 100

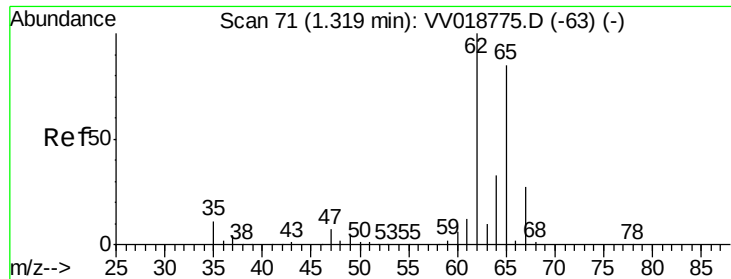
52 31.8 22.7 42.1



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0





#5

Vinyl chloride

Concen: 11.789 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV018774.D

Acq: 08 Oct 2020 20:17

Instrument :

MSVOA_V

ClientSampleId :

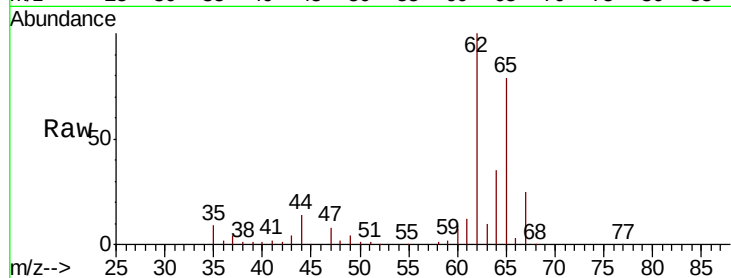
VSTD01061

Tot Ion: 62 Resp: 30846

Ion Ratio Lower Upper

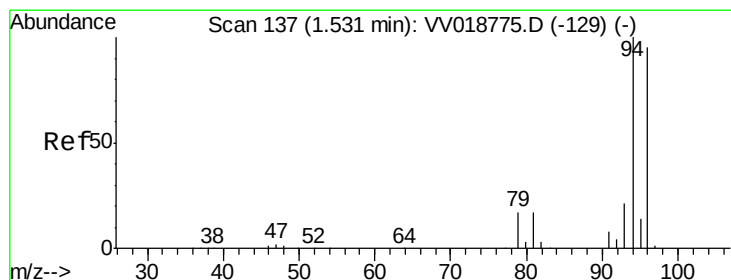
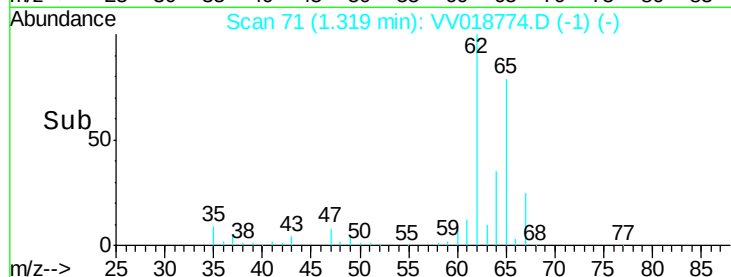
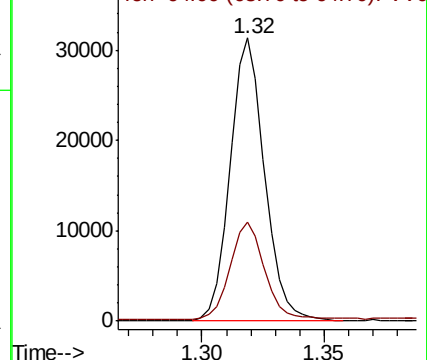
62 100

64 35.1 23.2 43.0



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#6

Bromomethane

Concen: 10.787 ug/L

RT: 1.53 min Scan# 137

Delta R.T. 0.00 min

Lab File: VV018774.D

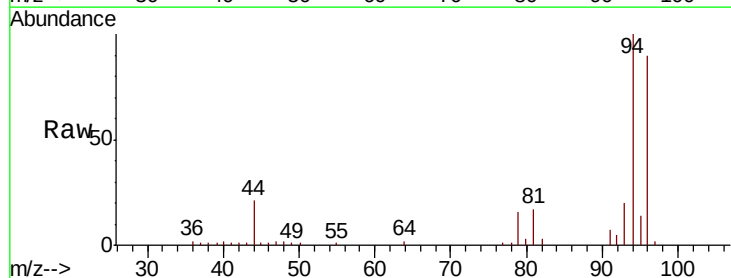
Acq: 08 Oct 2020 20:17

Tgt Ion: 94 Resp: 18652

Ion Ratio Lower Upper

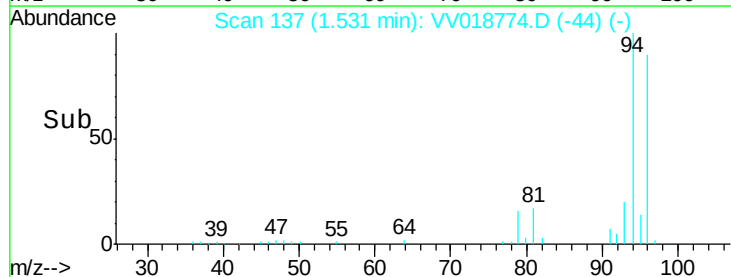
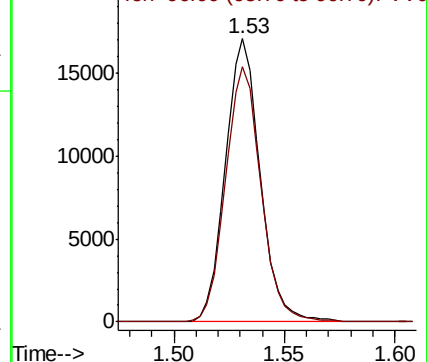
94 100

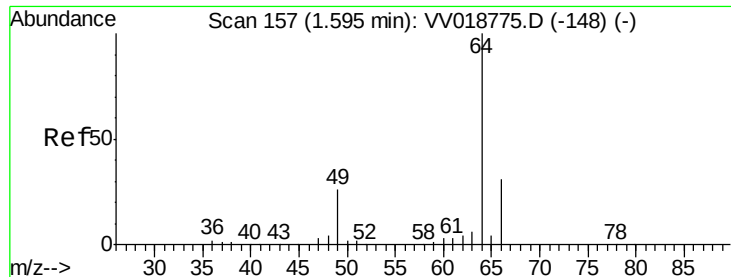
96 90.2 66.2 123.0



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 13.172 ug/L

RT: 1.59 min Scan# 156

Delta R.T. -0.00 min

Lab File: VV018774.D

Acq: 08 Oct 2020 20:17

Instrument :

MSVOA_V

ClientSampleId :

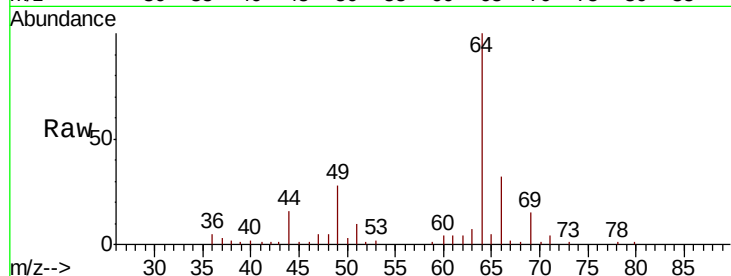
VSTD01061

Tot Ion: 64 Resp: 21469

Ion Ratio Lower Upper

64 100

66 31.5 21.7 40.3



Abundance Ion 64.00 (63.70 to 64.70): VV018775.D (-148) (-)

Ion 66.00 (65.70 to 66.70): VV018775.D (-148) (-)

1.59

20000

15000

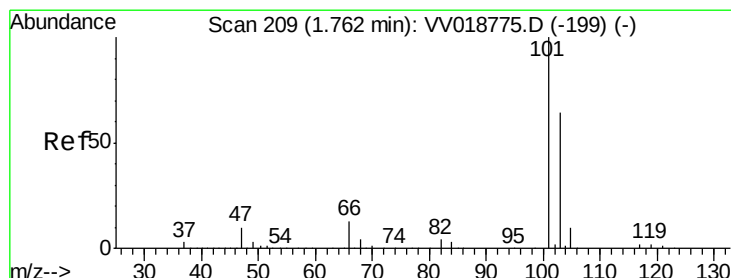
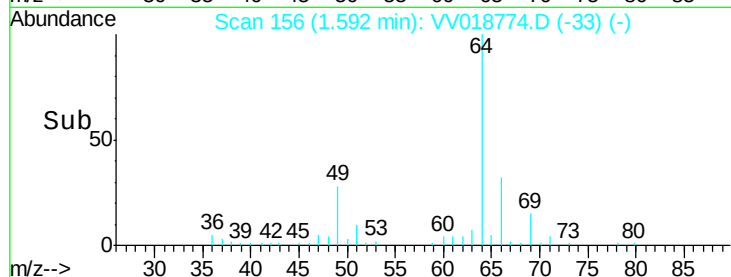
10000

5000

0

Time-->

1.55 1.60 1.65



#9

Trichlorofluoromethane

Concen: 11.754 ug/L

RT: 1.76 min Scan# 209

Delta R.T. 0.00 min

Lab File: VV018774.D

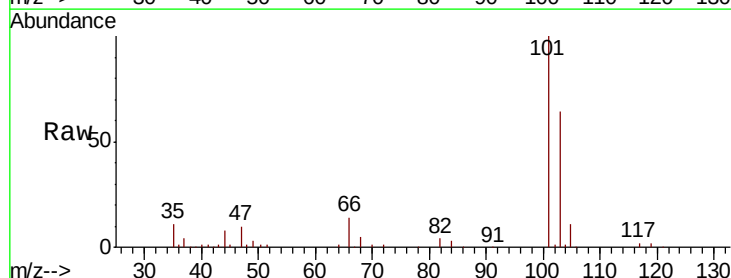
Acq: 08 Oct 2020 20:17

Tgt Ion: 101 Resp: 46287

Ion Ratio Lower Upper

101 100

103 64.3 51.6 77.4



Abundance Ion 101.00 (100.70 to 101.70): VV018775.D (-199) (-)

Ion 103.00 (102.70 to 103.70): VV018775.D (-199) (-)

1.76

40000

30000

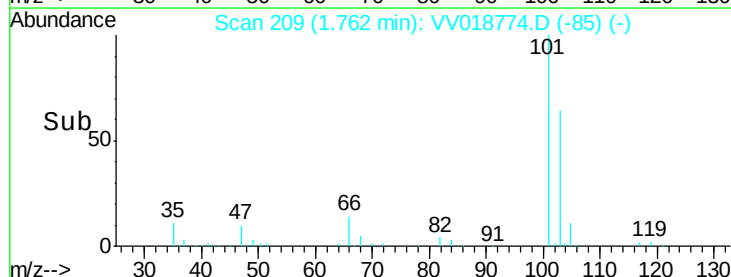
20000

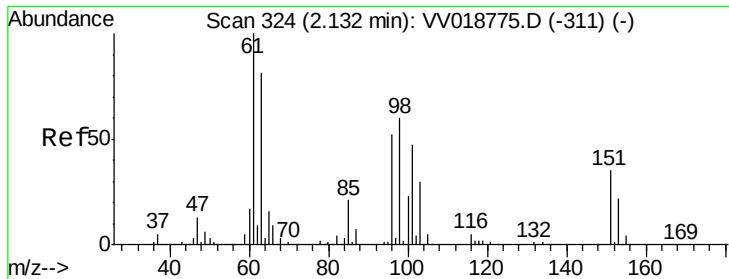
10000

0

Time-->

1.70 1.75 1.80





#10

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

Concen: 11.406 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV018774.D

Acq: 08 Oct 2020 20:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD01061

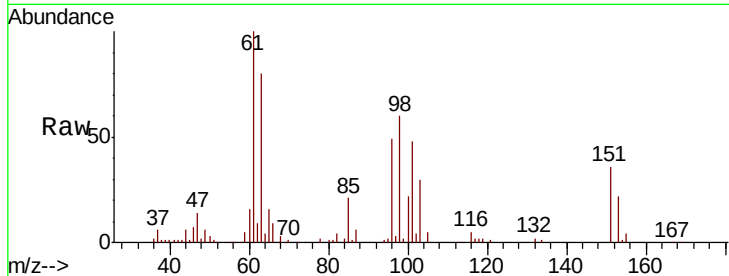
Tot Ion:101 Resp: 25209

Ion Ratio Lower Upper

101 100

85 46.1 35.9 53.9

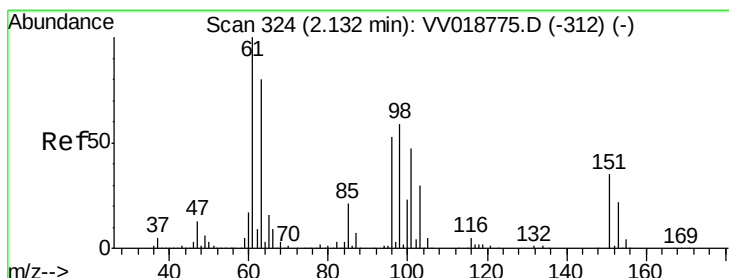
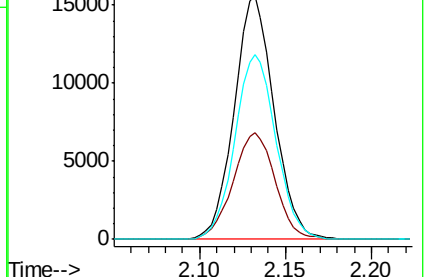
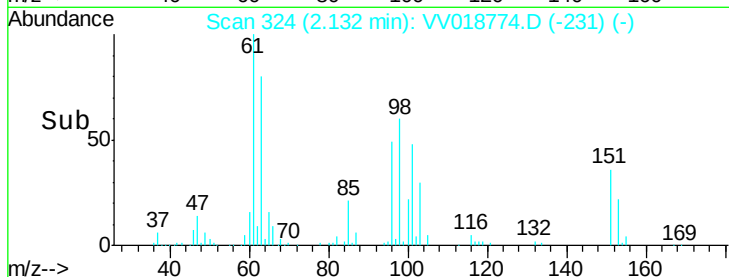
151 77.8 59.8 89.8



Abundance Ion 101.00 (100.70 to 101.70): VV018774.D (-231) (-)

Ion 85.00 (84.70 to 85.70): VV018774.D (-231) (-)

Ion 151.00 (150.70 to 151.70): VV018774.D (-231) (-)



#12

1,1-Dichloroethene

Concen: 11.288 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV018774.D

Acq: 08 Oct 2020 20:17

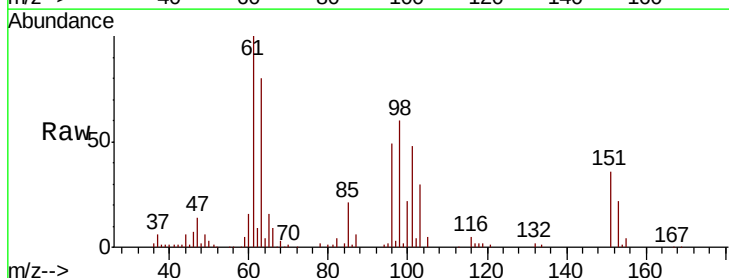
Tgt Ion: 96 Resp: 23963

Ion Ratio Lower Upper

96 100

61 204.0 133.6 248.0

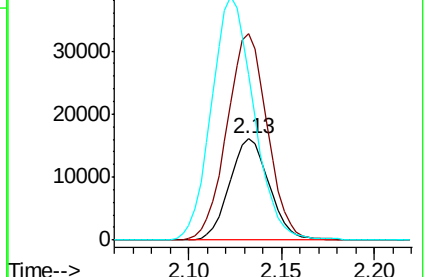
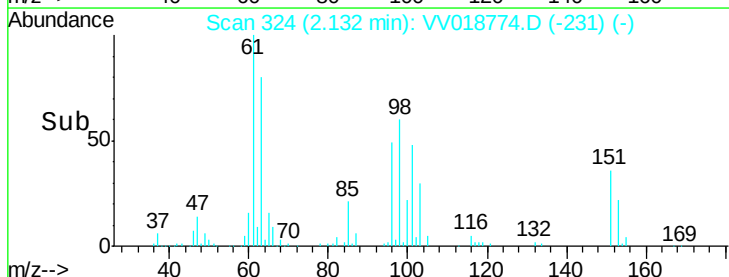
63 163.1 108.4 201.4

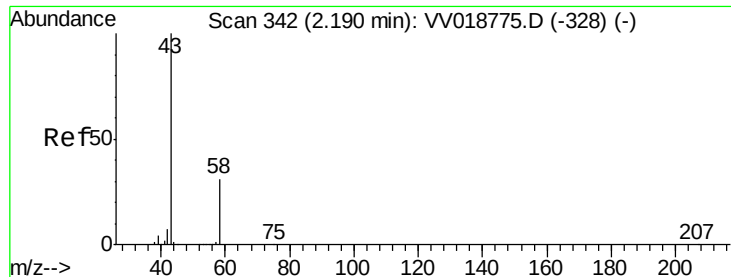


Abundance Ion 96.00 (95.70 to 96.70): VV018774.D (-231) (-)

Ion 61.00 (60.70 to 61.70): VV018774.D (-231) (-)

Ion 63.00 (62.70 to 63.70): VV018774.D (-231) (-)





#13

Acetone

Concen: 26.673 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

Lab File: VV018774.D

Acq: 08 Oct 2020 20:17

Instrument :

MSVOA_V

ClientSampleId :

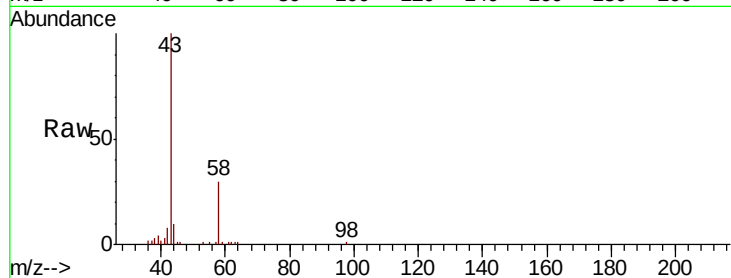
VSTD01061

Tot Ion: 43 Resp: 34700

Ion Ratio Lower Upper

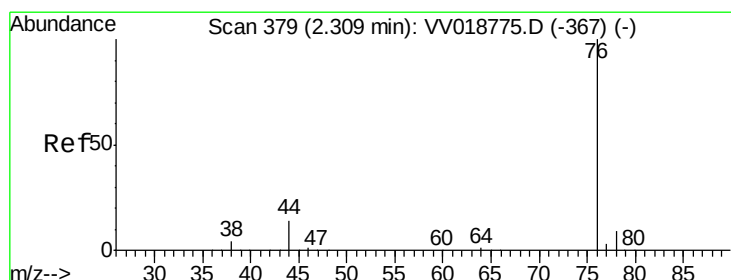
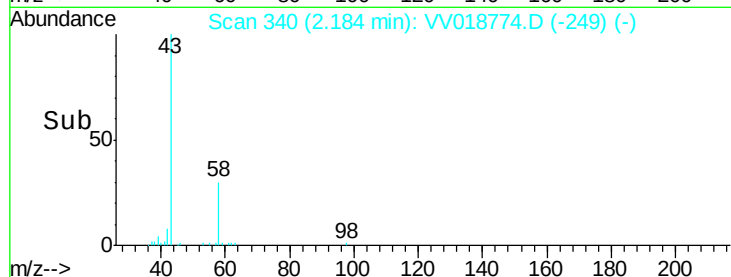
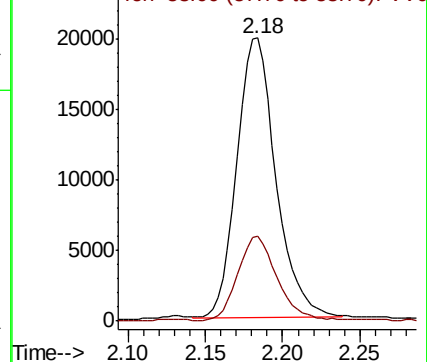
43 100

58 30.6 0.0 61.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#14

Carbon disulfide

Concen: 10.702 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV018774.D

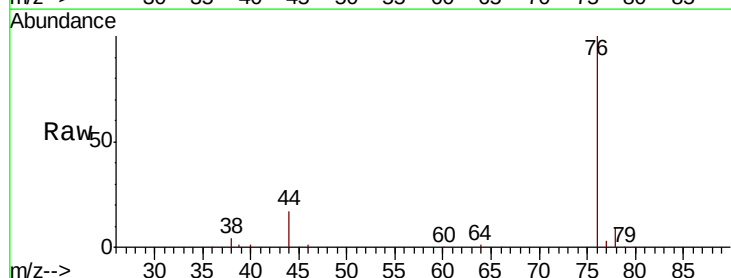
Acq: 08 Oct 2020 20:17

Tgt Ion: 76 Resp: 71984

Ion Ratio Lower Upper

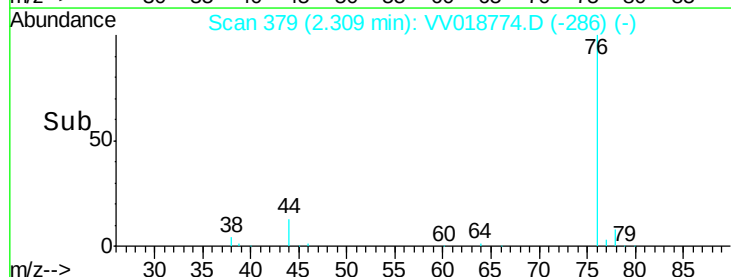
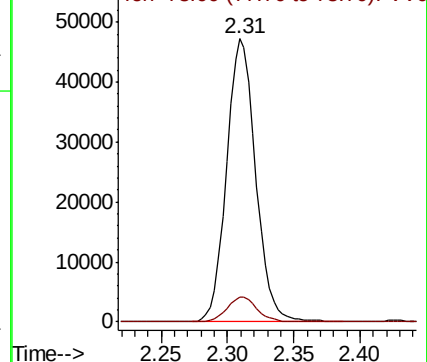
76 100

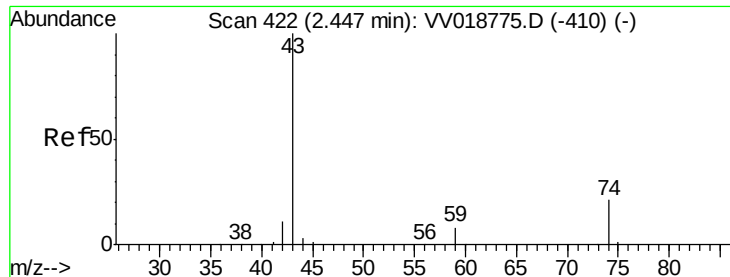
78 8.7 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VV0

Ion 78.00 (77.70 to 78.70): VV0





#15

Methvl Acetate

Concen: 13.550 ug/L

RT: 2.45 min Scan# 422

Delta R.T. 0.00 min

Lab File: VV018774.D

Acq: 08 Oct 2020 20:17

Instrument :

MSVOA_V

ClientSampleId :

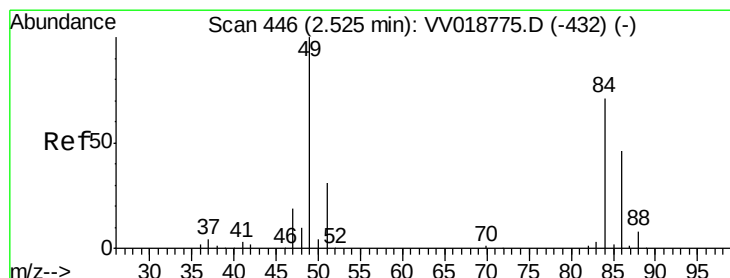
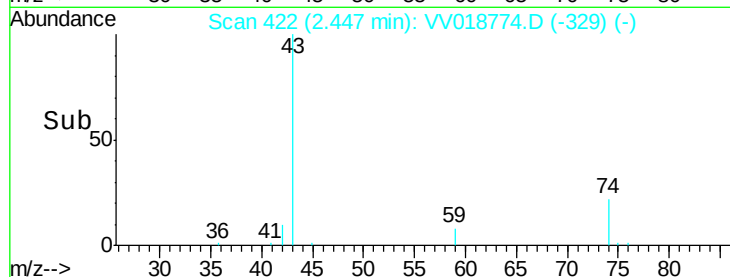
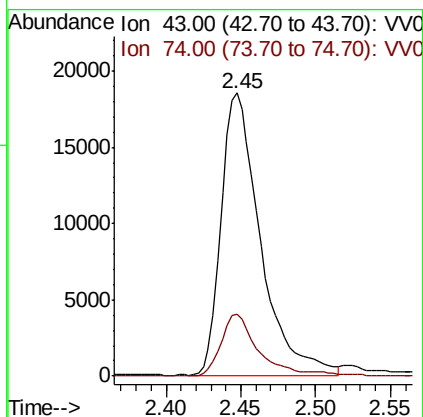
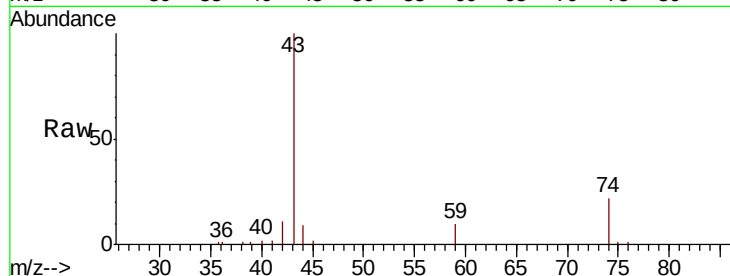
VSTD01061

Tot Ion: 43 Resp: 34196

Ion Ratio Lower Upper

43 100

74 20.9 16.9 25.3



#16

Methylene chloride

Concen: 12.755 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV018774.D

Acq: 08 Oct 2020 20:17

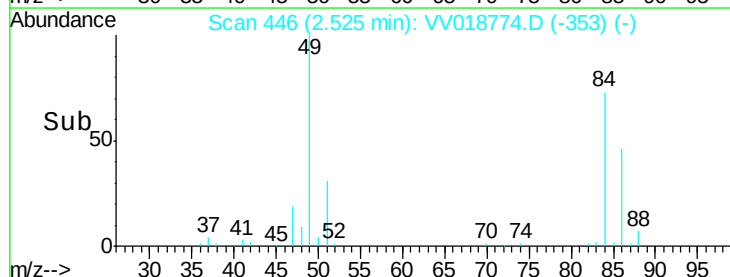
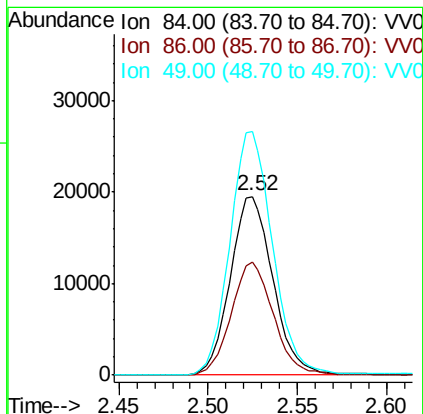
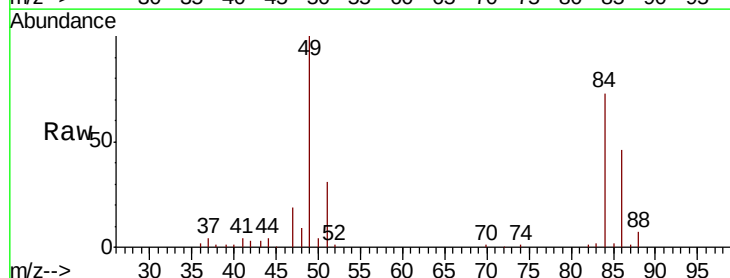
Tgt Ion: 84 Resp: 32405

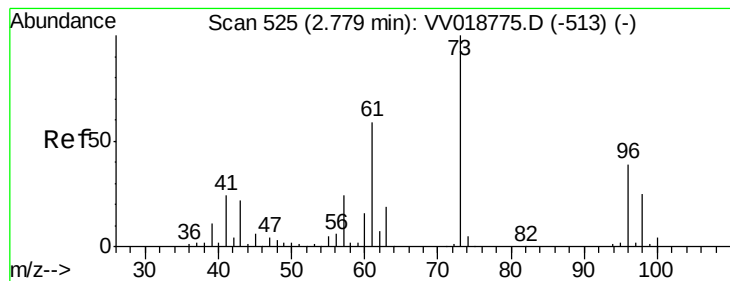
Ion Ratio Lower Upper

84 100

86 63.2 45.2 84.0

49 136.1 97.9 181.9





#17

trans-1,2-Dichloroethene

Concen: 11.617 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV018774.D

Acq: 08 Oct 2020 20:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD01061

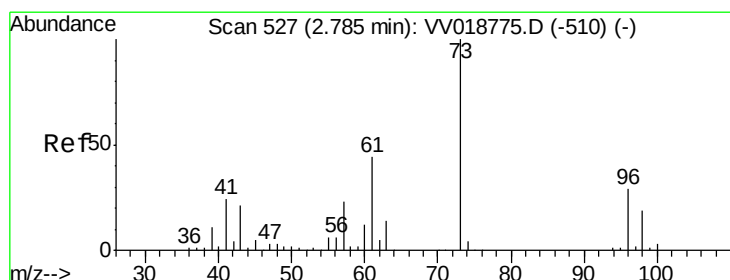
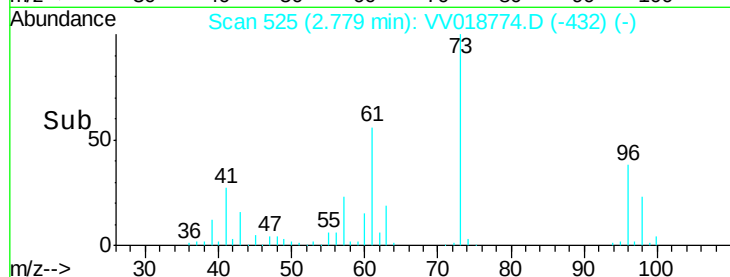
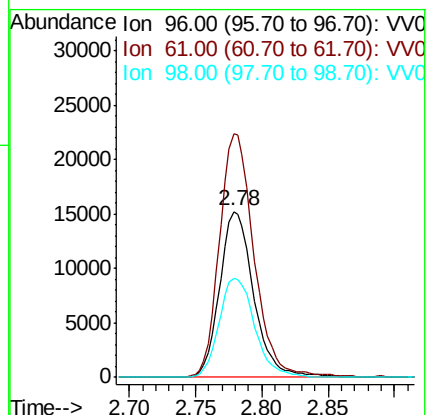
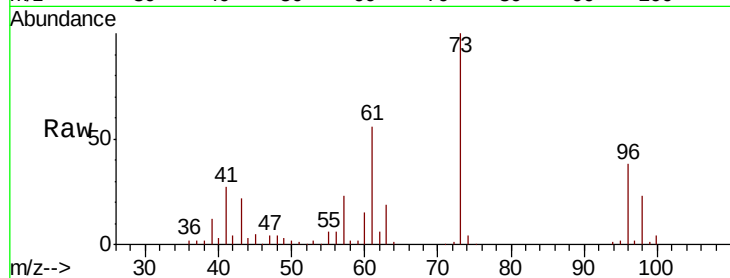
Tot Ion: 96 Resp: 27250

Ion Ratio Lower Upper

96 100

61 147.0 105.7 196.3

98 59.5 44.7 83.1



#18

Methyl tert-butyl Ether

Concen: 12.604 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.00 min

Lab File: VV018774.D

Acq: 08 Oct 2020 20:17

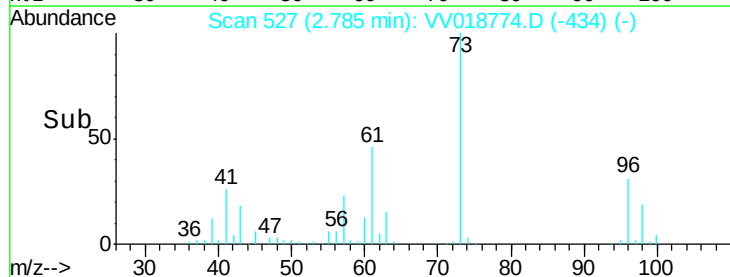
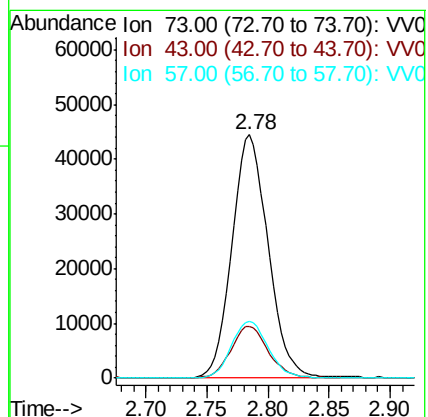
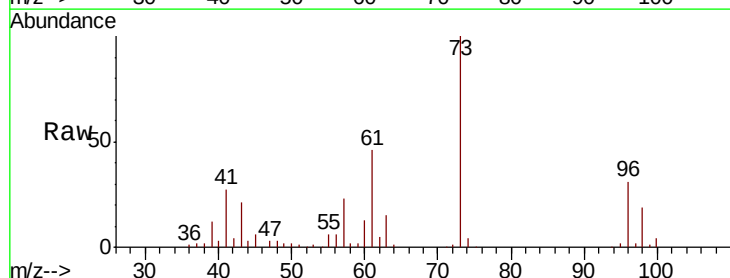
Tgt Ion: 73 Resp: 91947

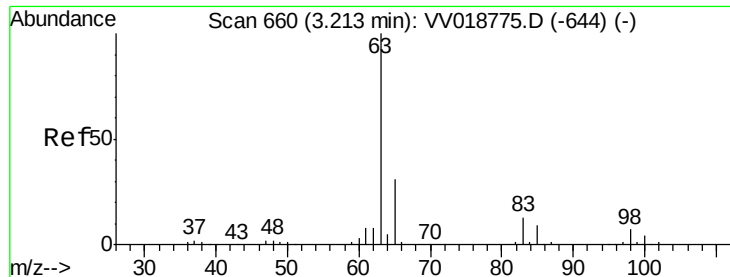
Ion Ratio Lower Upper

73 100

43 21.9 17.3 25.9

57 23.7 18.5 27.7

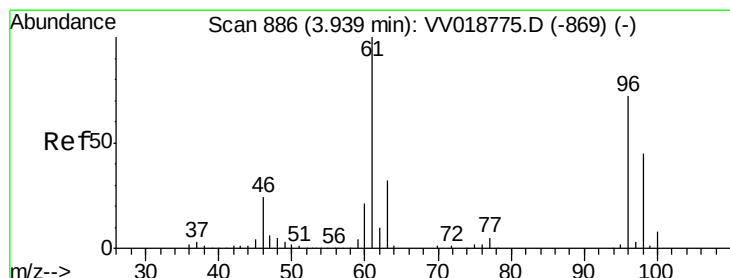
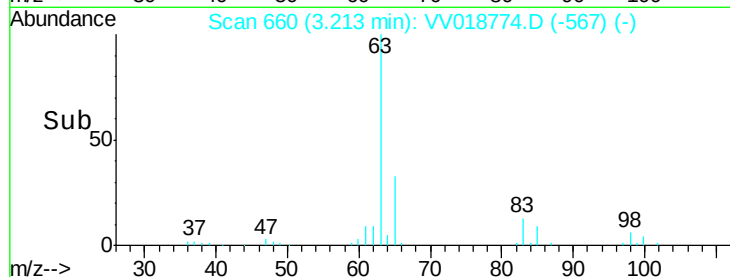
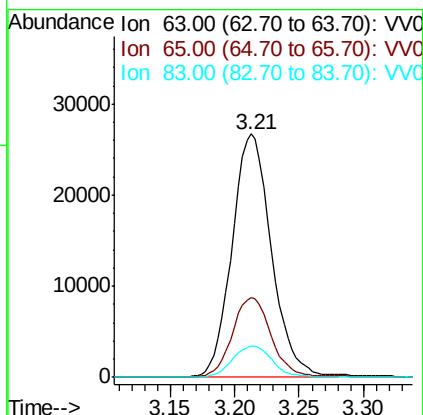
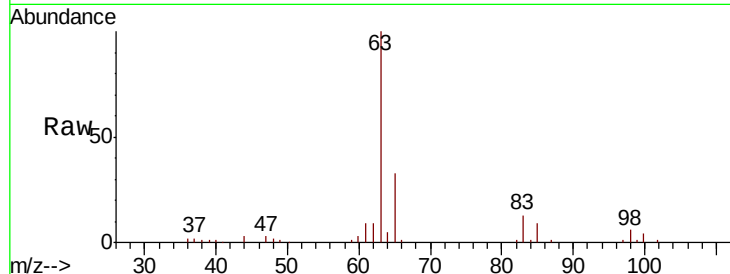




#19
 1,1-Dichloroethane
 Concen: 13.430 ug/L
 RT: 3.21 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: VV018774.D
 Acq: 08 Oct 2020 20:17

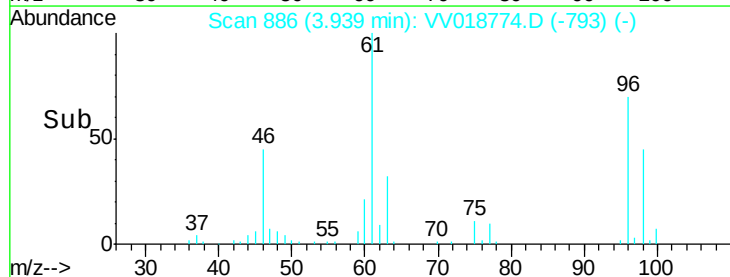
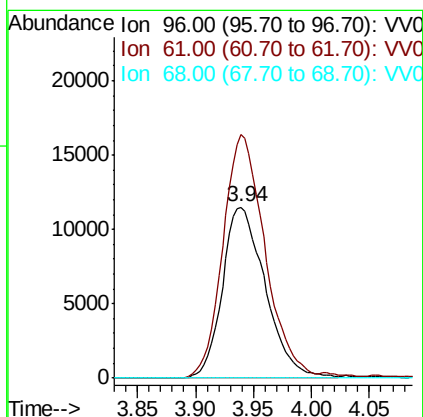
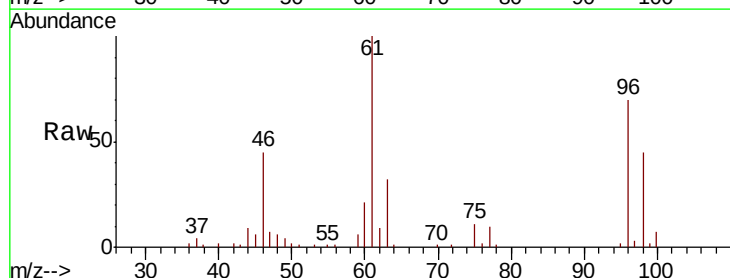
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01061

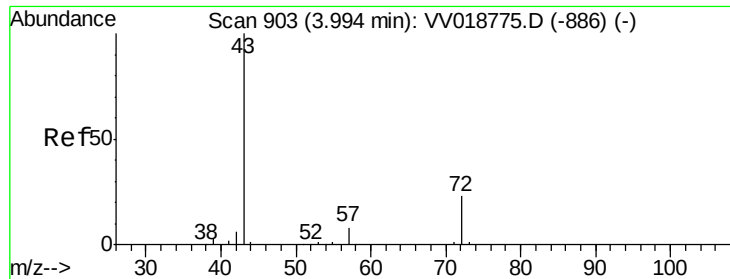
Tot Ion: 63 Resp: 56865
 Ion Ratio Lower Upper
 63 100
 65 32.9 22.0 40.8
 83 12.8 9.2 17.0



#20
 cis-1,2-Dichloroethene
 Concen: 11.792 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV018774.D
 Acq: 08 Oct 2020 20:17

Tgt Ion: 96 Resp: 29559
 Ion Ratio Lower Upper
 96 100
 61 142.4 97.3 180.7
 68 0.0 0.0 0.0





#22

2-Butanone

Concen: 26.301 ug/L

RT: 4.00 min Scan# 904

Delta R.T. 0.00 min

Lab File: VV018774.D

Acq: 08 Oct 2020 20:17

Instrument :

MSVOA_V

ClientSampleId :

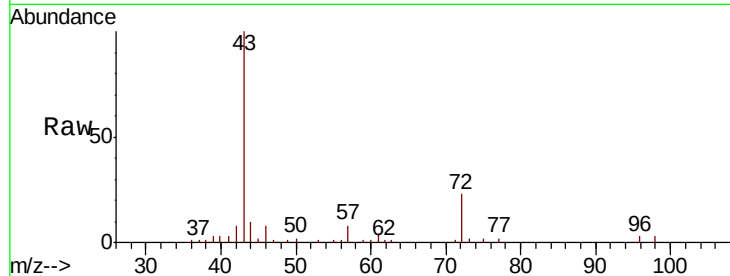
VSTD01061

Tot Ion: 43 Resp: 41937

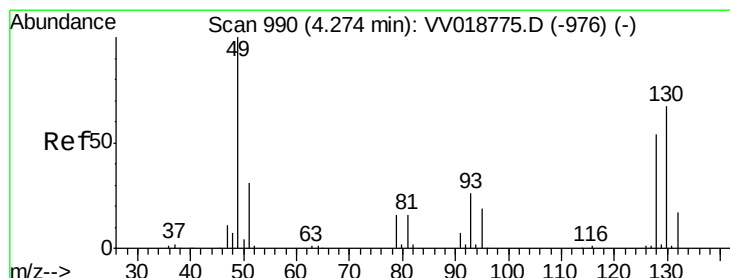
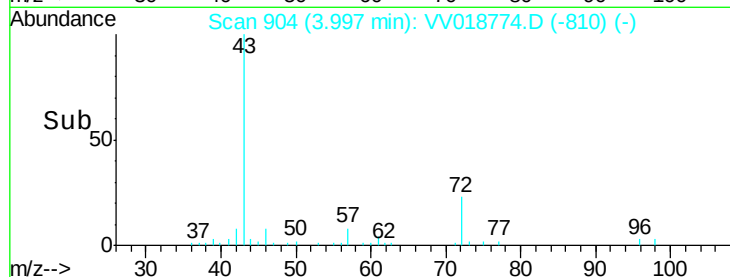
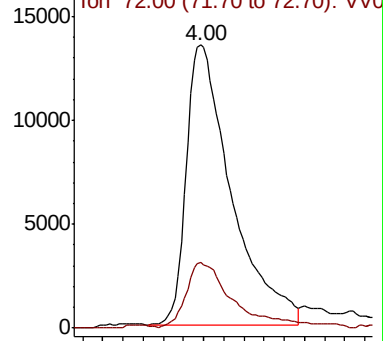
Ion Ratio Lower Upper

43 100

72 24.4 10.5 31.5



Abundance Ion 43.00 (42.70 to 43.70): VV018774.D (-810) (-)



#23

Bromochloromethane

Concen: 11.273 ug/L

RT: 4.28 min Scan# 992

Delta R.T. 0.01 min

Lab File: VV018774.D

Acq: 08 Oct 2020 20:17

Tgt Ion: 128 Resp: 15383

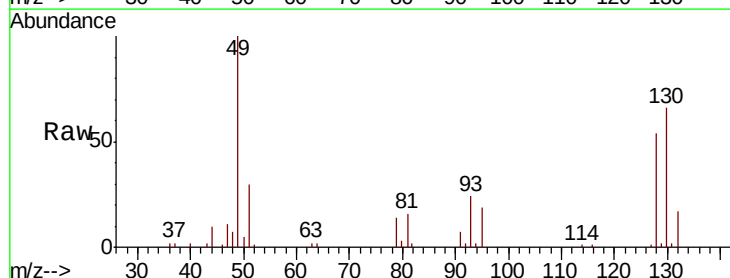
Ion Ratio Lower Upper

128 100

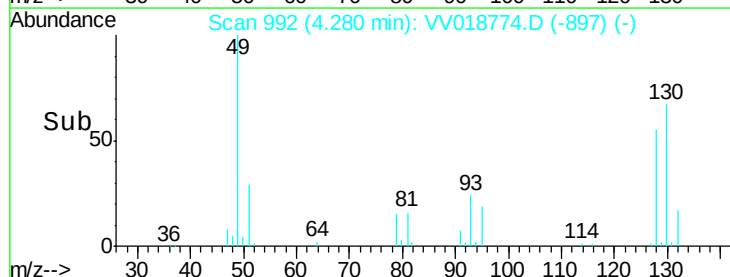
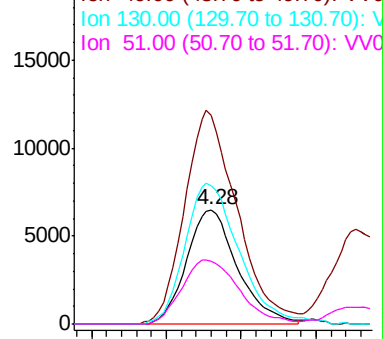
49 183.7 129.7 240.9

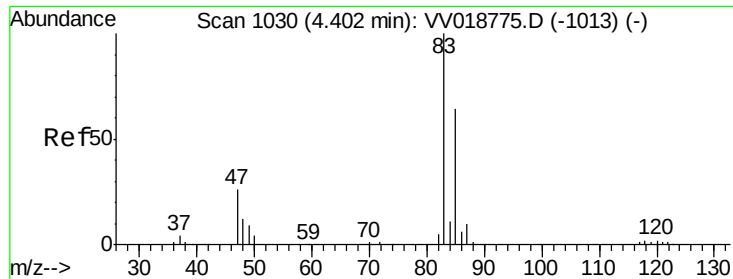
130 121.8 86.7 161.1

51 54.7 45.9 68.9



Abundance Ion 128.00 (127.70 to 128.70): VV018774.D (-897) (-)

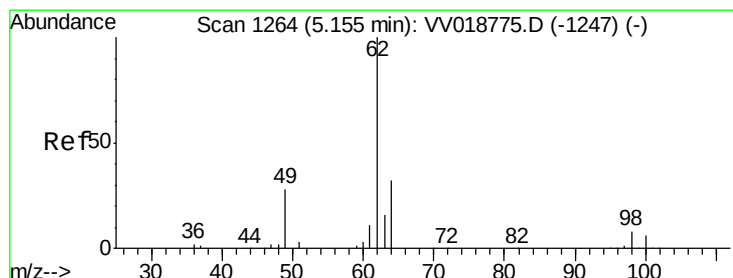
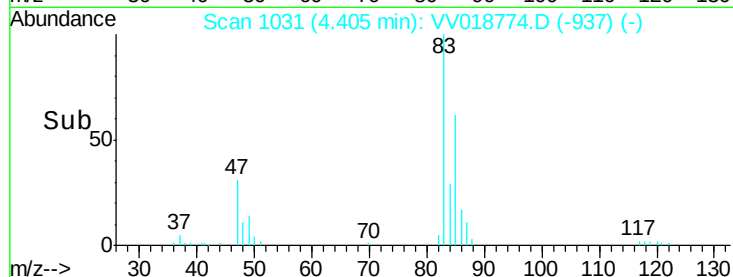
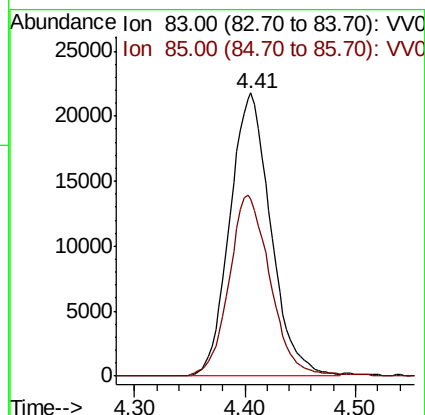
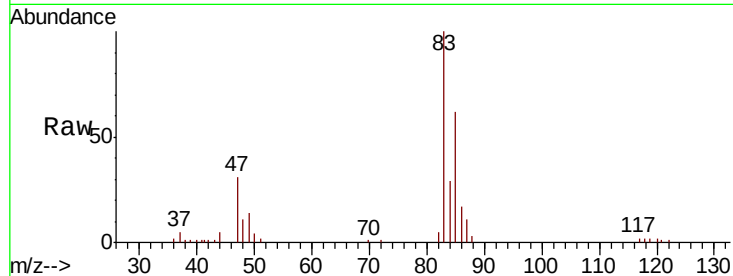




#25
Chloroform
Concen: 12.601 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV018774.D
Acq: 08 Oct 2020 20:17

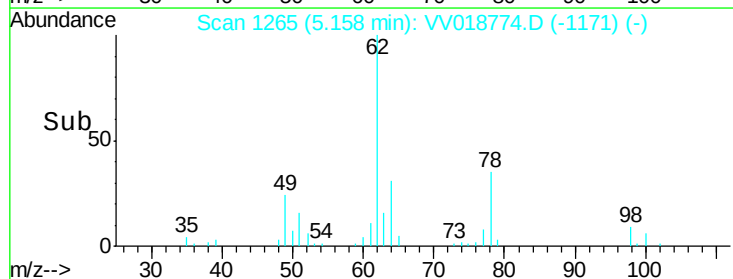
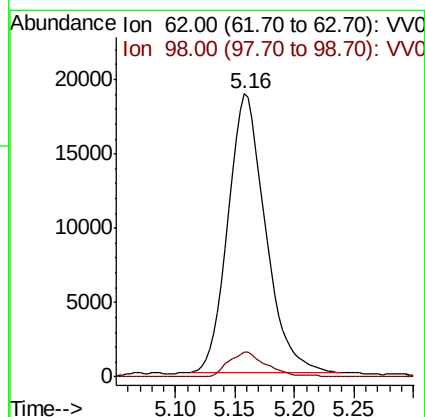
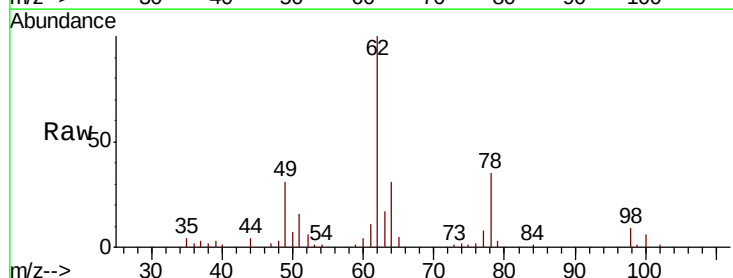
Instrument :
MSVOA_V
ClientSampleId :
VSTD01061

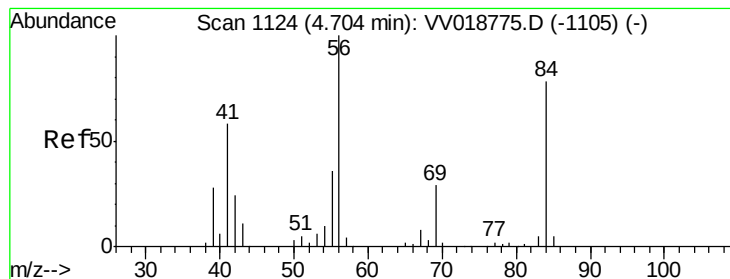
Tot Ion: 83 Resp: 56001
Ion Ratio Lower Upper
83 100
85 62.4 45.0 83.6



#27
1,2-Dichloroethane
Concen: 11.715 ug/L
RT: 5.16 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VV018774.D
Acq: 08 Oct 2020 20:17

Tgt Ion: 62 Resp: 41007
Ion Ratio Lower Upper
62 100
98 8.7 6.6 10.0





#29

Cyclohexane

Concen: 10.312 ug/L

RT: 4.70 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VV018774.D

Acq: 08 Oct 2020 20:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD01061

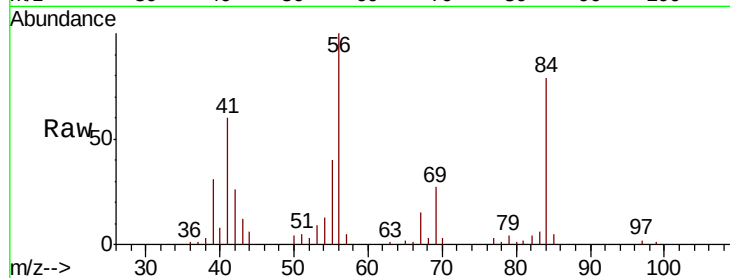
Tot Ion: 56 Resp: 38906

Ion Ratio Lower Upper

56 100

69 28.1 23.1 34.7

84 80.9 65.2 97.8

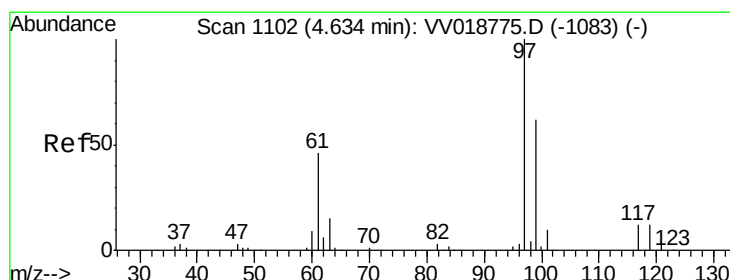
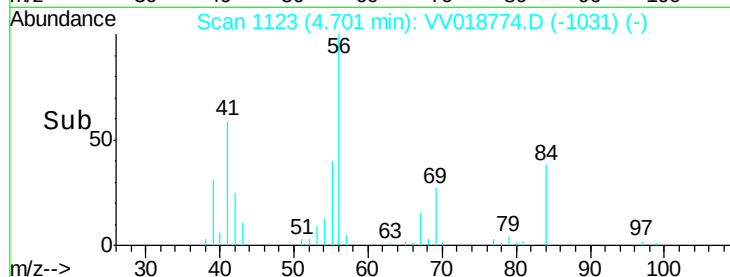
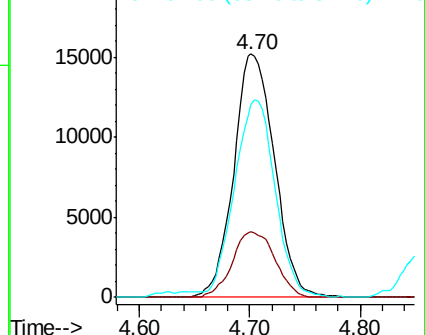


Abundance

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: 10.835 ug/L

RT: 4.63 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VV018774.D

Acq: 08 Oct 2020 20:17

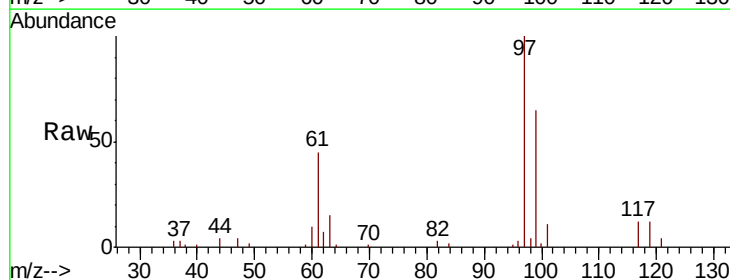
Tgt Ion: 97 Resp: 44463

Ion Ratio Lower Upper

97 100

99 64.9 51.0 76.4

61 46.3 37.0 55.4

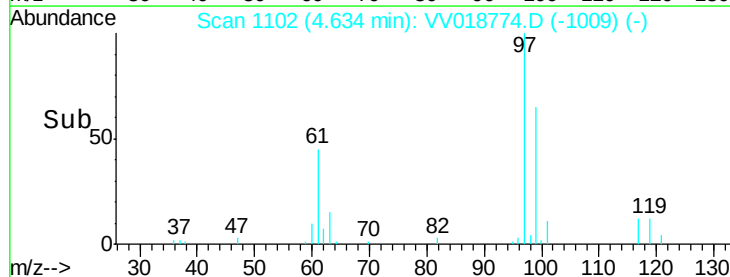
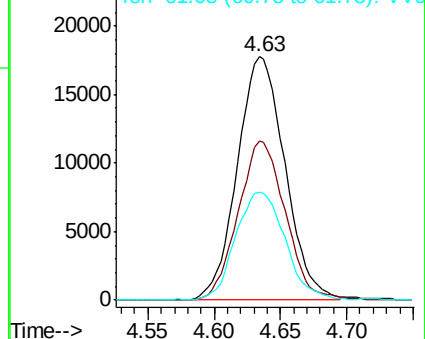


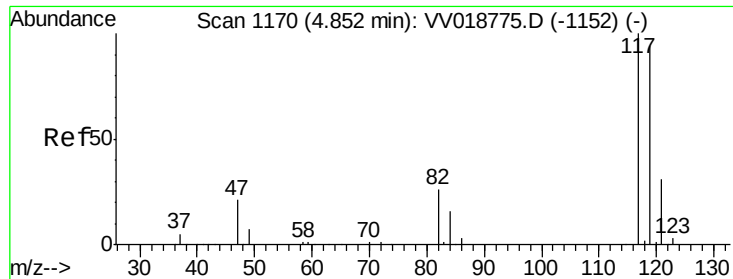
Abundance

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: 10.296 ug/L

RT: 4.86 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VV018774.D

Acq: 08 Oct 2020 20:17

Instrument :

MSVOA_V

ClientSampleId :

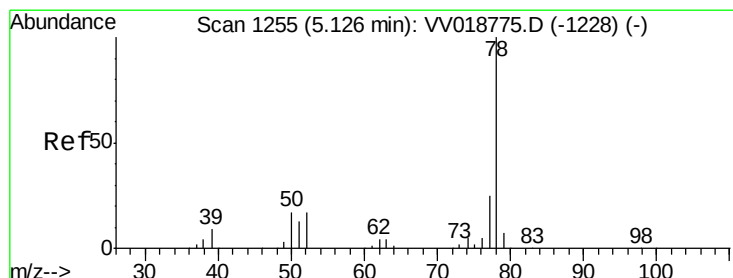
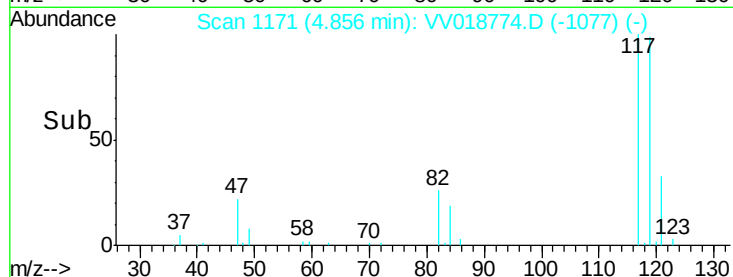
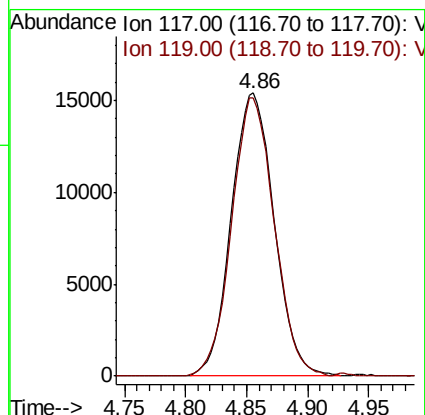
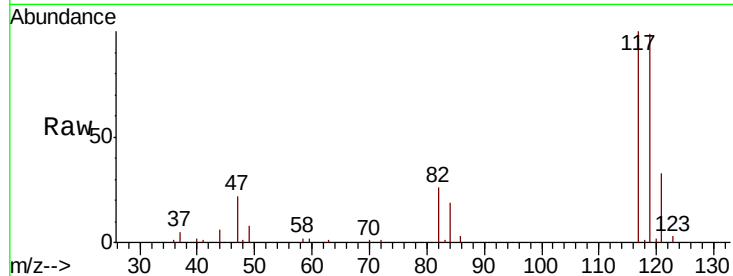
VSTD01061

Tot Ion:117 Resp: 37617

Ion Ratio Lower Upper

117 100

119 97.3 76.3 114.5



#33

Benzene

Concen: 10.791 ug/L

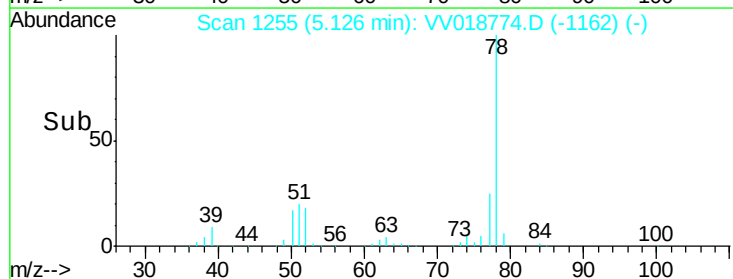
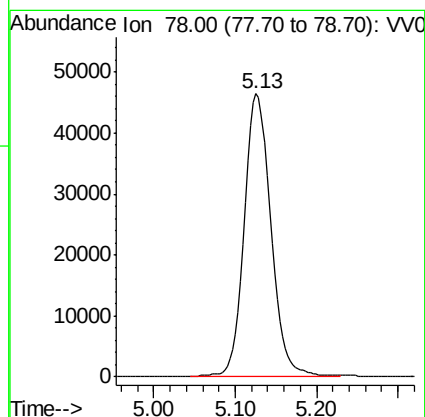
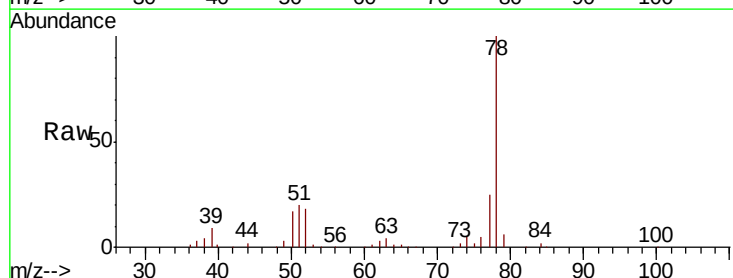
RT: 5.13 min Scan# 1255

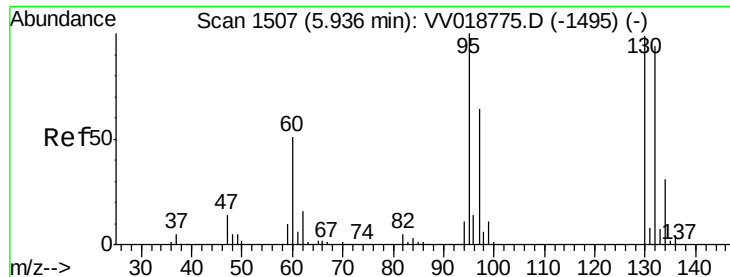
Delta R.T. 0.00 min

Lab File: VV018774.D

Acq: 08 Oct 2020 20:17

Tgt Ion: 78 Resp: 105125





#34

Trichloroethene

Concen: 11.016 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018774.D

Acq: 08 Oct 2020 20:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD01061

Tot Ion: 95 Resp: 31549

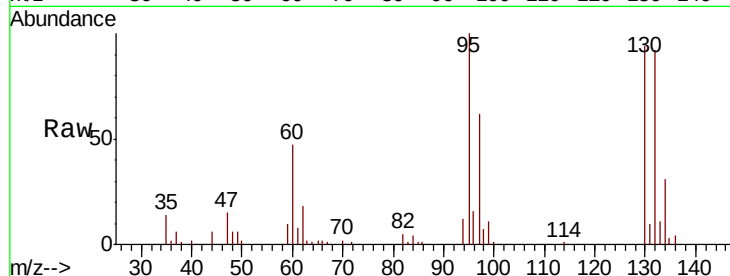
Ion Ratio Lower Upper

95 100

97 61.9 45.1 83.9

132 91.6 66.2 123.0

130 94.5 69.1 128.3



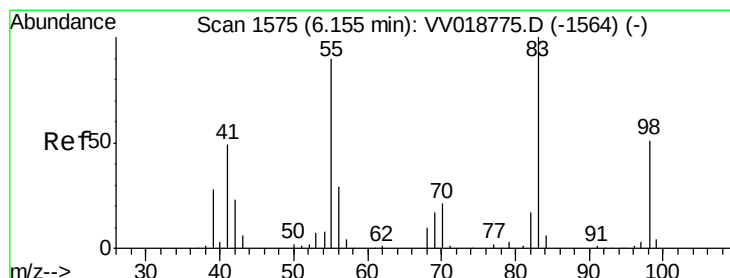
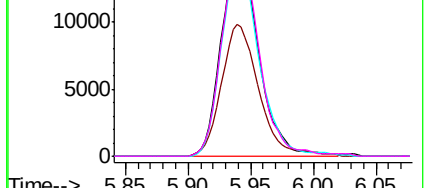
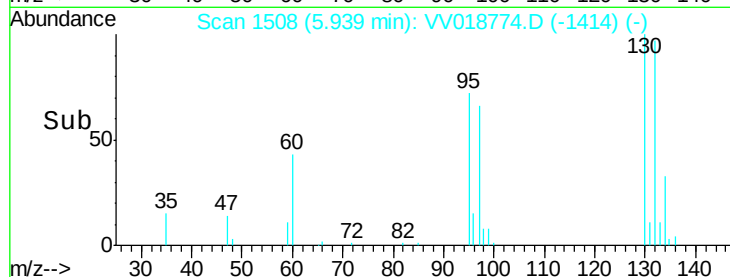
Abundance Ion 95.00 (94.70 to 95.70): VV018775.D (-1495) (-)

Ion 97.00 (96.70 to 97.70): VV018775.D (-1495) (-)

Ion 132.00 (131.70 to 132.70): VV018775.D (-1495) (-)

Ion 130.00 (129.70 to 130.70): VV018775.D (-1495) (-)

Time-->



#35

Methylcyclohexane

Concen: 9.197 ug/L

RT: 6.15 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VV018774.D

Acq: 08 Oct 2020 20:17

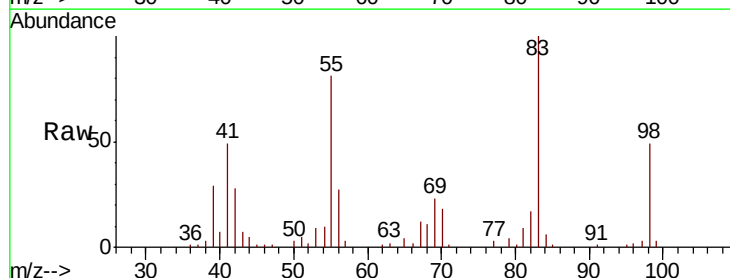
Tgt Ion: 83 Resp: 34962

Ion Ratio Lower Upper

83 100

55 81.1 67.0 100.4

98 47.5 38.8 58.2

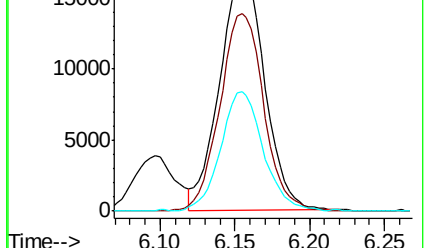
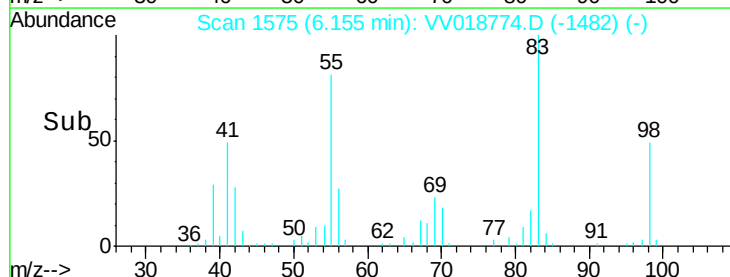


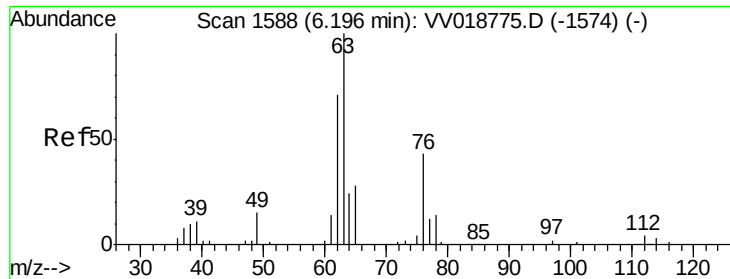
Abundance Ion 83.00 (82.70 to 83.70): VV018775.D (-1564) (-)

Ion 55.00 (54.70 to 55.70): VV018775.D (-1564) (-)

Ion 98.00 (97.70 to 98.70): VV018775.D (-1564) (-)

Time-->

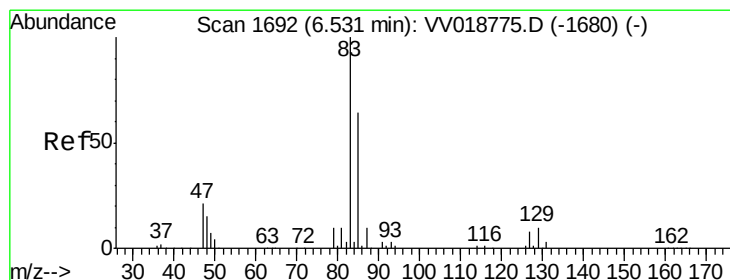
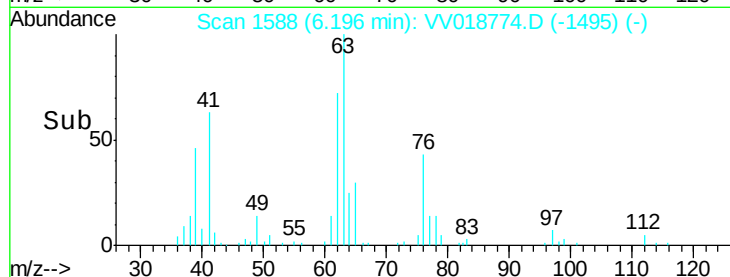
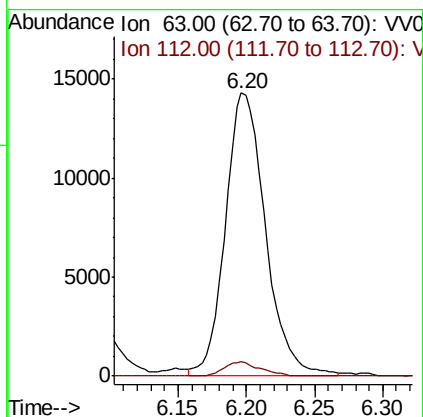
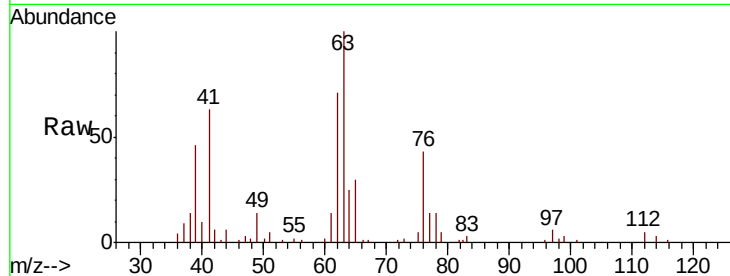




#37
 1,2-Dichloropropane
 Concen: 11.367 ug/L
 RT: 6.20 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: VV018774.D
 Acq: 08 Oct 2020 20:17

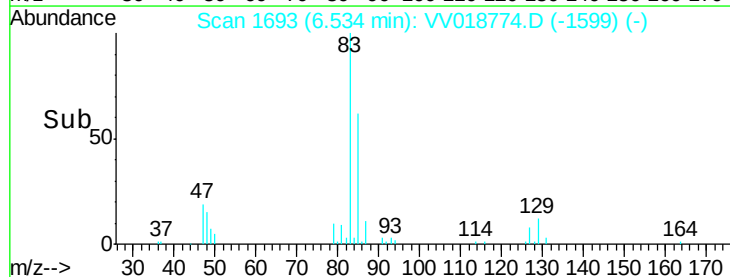
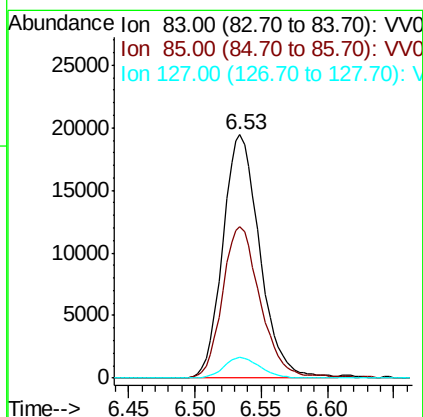
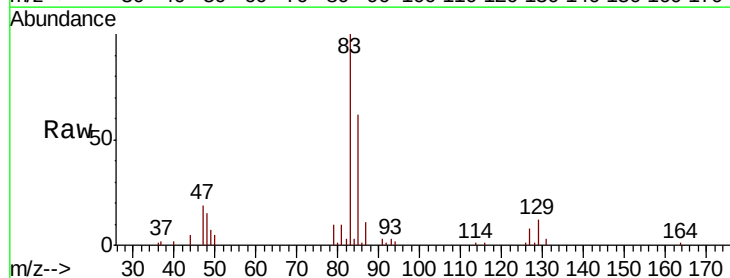
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01061

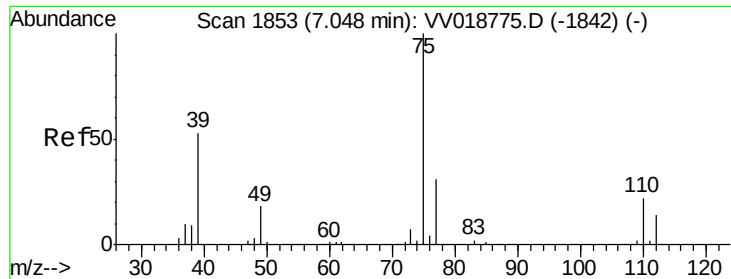
Tot Ion: 63 Resp: 29190
 Ion Ratio Lower Upper
 63 100
 112 4.5 3.4 5.2



#38
 Bromodichloromethane
 Concen: 11.233 ug/L
 RT: 6.53 min Scan# 1693
 Delta R.T. 0.00 min
 Lab File: VV018774.D
 Acq: 08 Oct 2020 20:17

Tgt Ion: 83 Resp: 37737
 Ion Ratio Lower Upper
 83 100
 85 62.3 45.1 83.7
 127 8.4 6.6 10.0

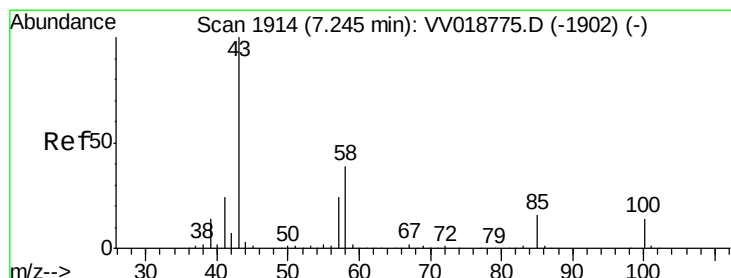
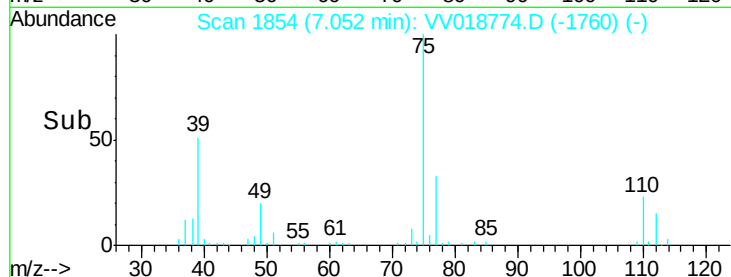
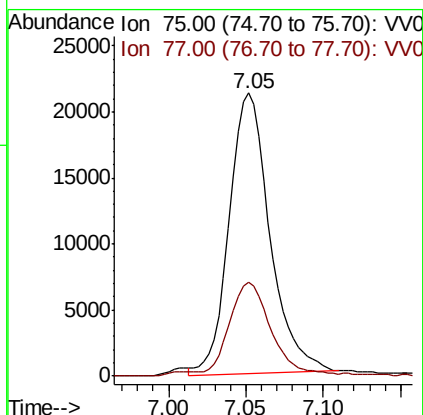
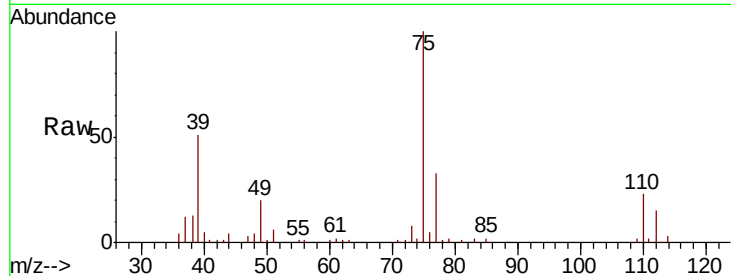




#39
 cis-1,3-Dichloropropene
 Concen: 9.928 ug/L
 RT: 7.05 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VV018774.D
 Acq: 08 Oct 2020 20:17

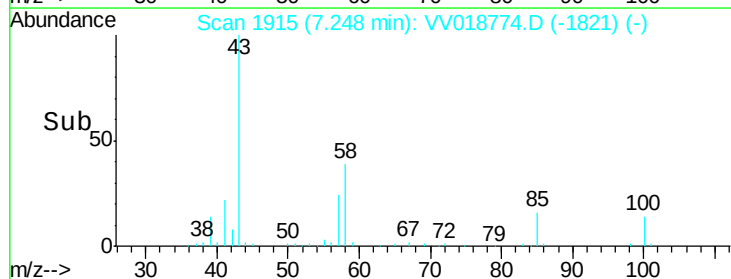
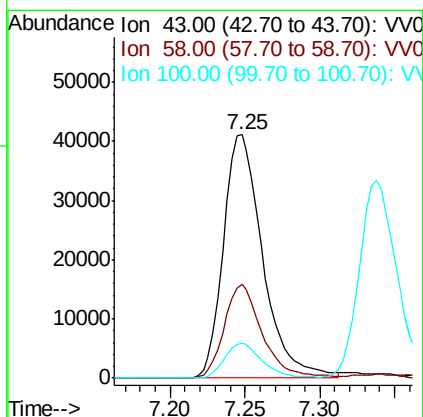
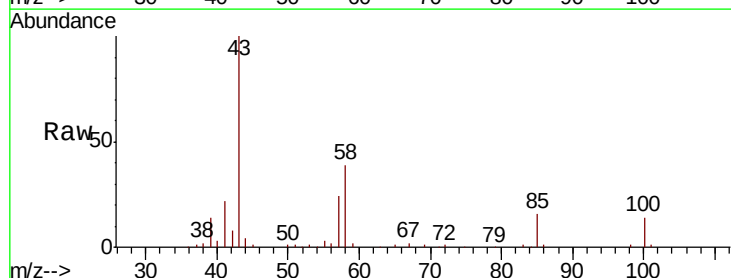
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01061

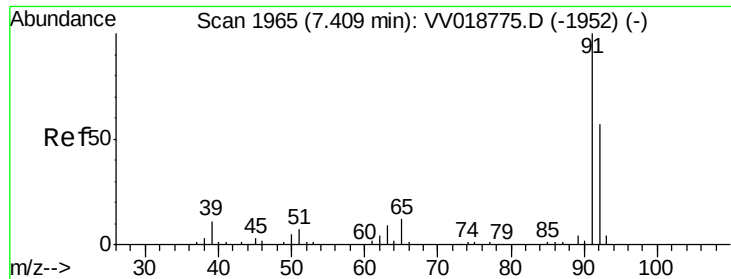
Tot Ion: 75 Resp: 38682
 Ion Ratio Lower Upper
 75 100
 77 33.1 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 23.119 ug/L
 RT: 7.25 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VV018774.D
 Acq: 08 Oct 2020 20:17

Tgt Ion: 43 Resp: 75240
 Ion Ratio Lower Upper
 43 100
 58 37.3 30.2 45.4
 100 13.6 11.4 17.2





#42

Toluene

Concen: 10.531 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV018774.D

Acq: 08 Oct 2020 20:17

Instrument :

MSVOA_V

ClientSampleId :

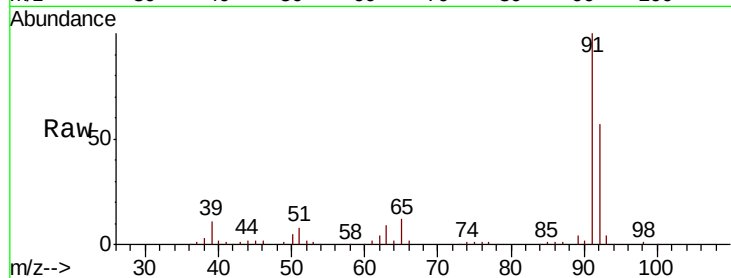
VSTD01061

Tot Ion: 91 Resp: 110326

Ion Ratio Lower Upper

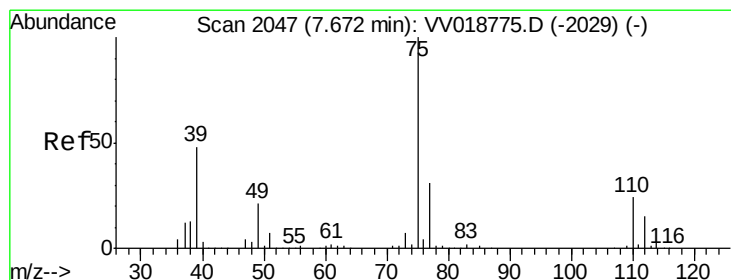
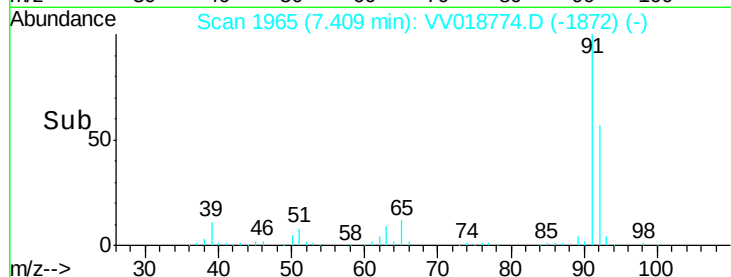
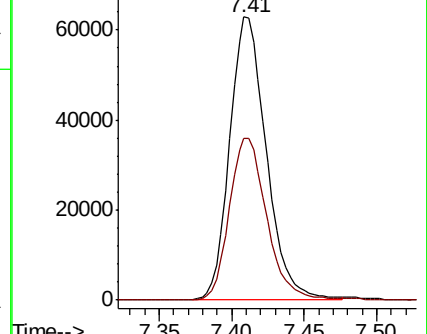
91 100

92 57.3 39.8 74.0



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: 10.836 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. -0.00 min

Lab File: VV018774.D

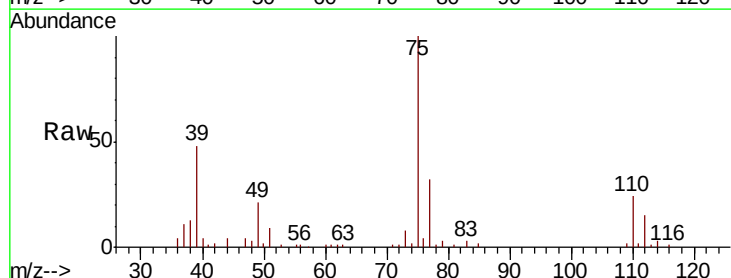
Acq: 08 Oct 2020 20:17

Tgt Ion: 75 Resp: 41755

Ion Ratio Lower Upper

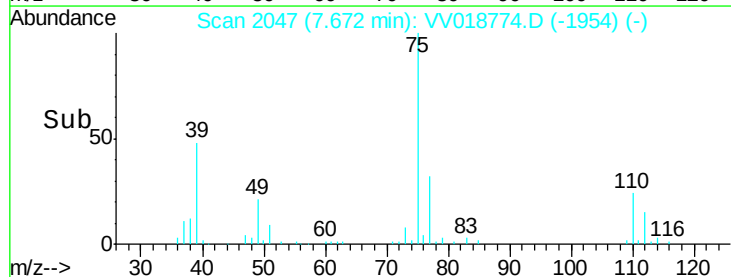
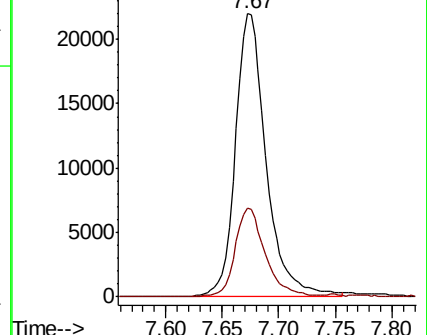
75 100

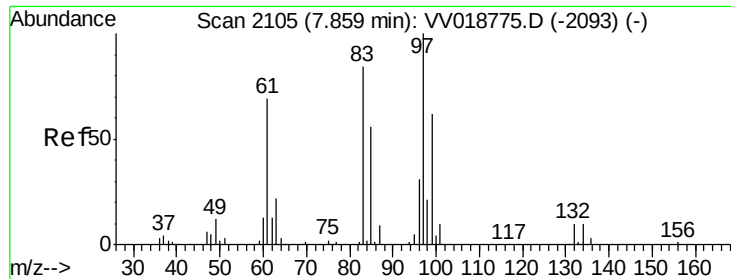
77 31.5 21.8 40.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

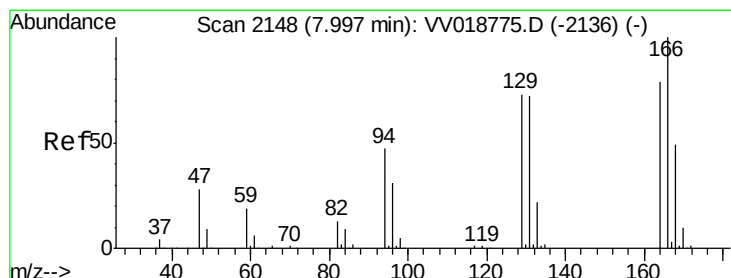
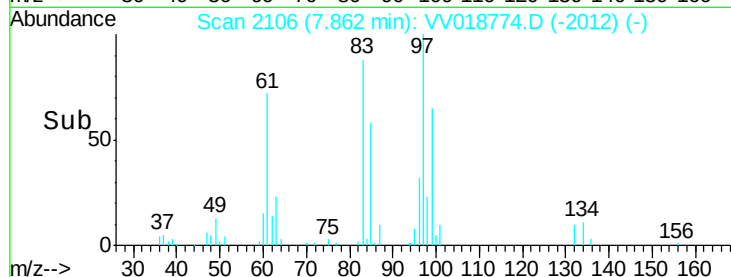
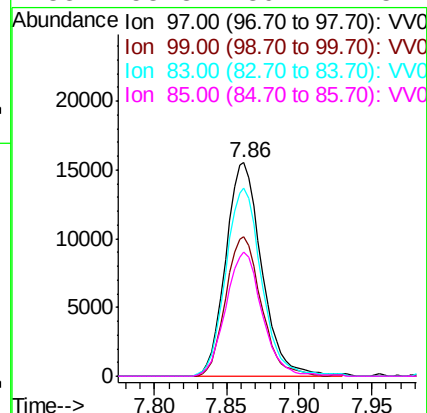
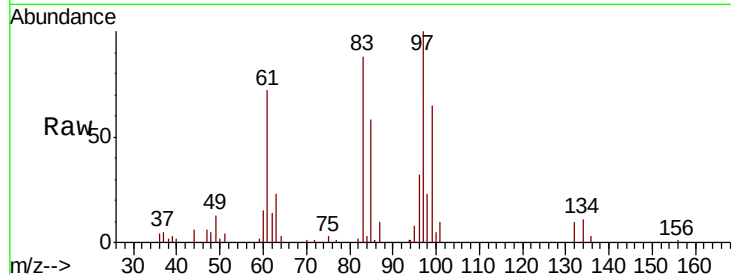




#45
1,1,2-Trichloroethane
Concen: 10.899 ug/L
RT: 7.86 min Scan# 2106
Delta R.T. 0.00 min
Lab File: VV018774.D
Acq: 08 Oct 2020 20:17

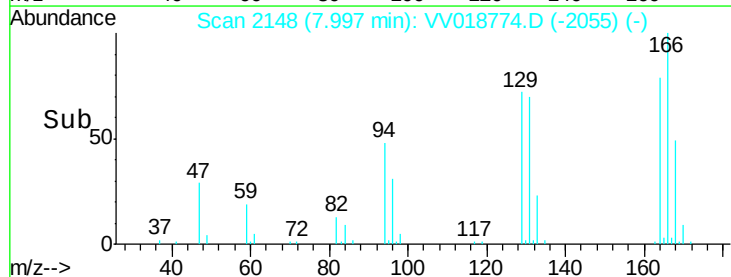
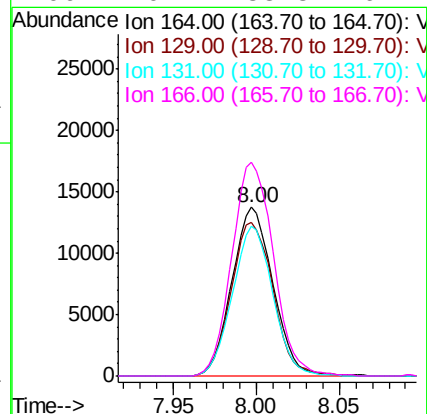
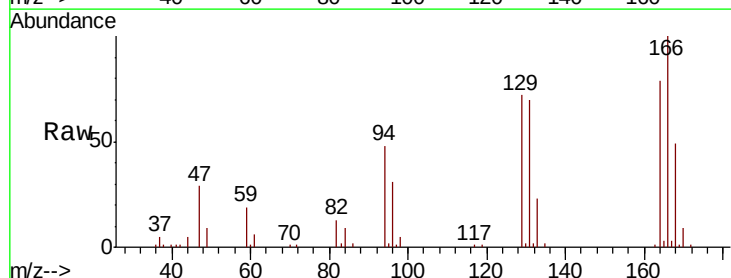
Instrument :
MSVOA_V
ClientSampleId :
VSTD01061

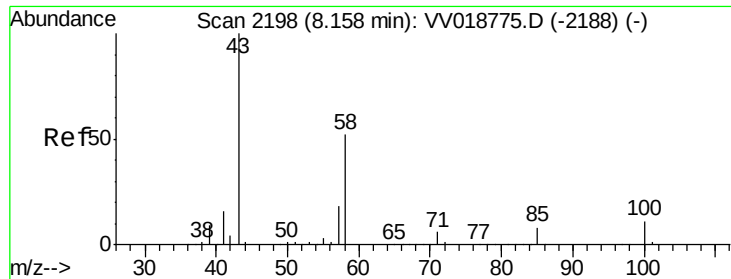
Tot Ion:	97	Resp:	26795
Ion	Ratio	Lower	Upper
97	100		
99	65.2	43.4	80.6
83	87.9	58.7	108.9
85	58.3	39.4	73.2



#46
Tetrachloroethene
Concen: 10.533 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV018774.D
Acq: 08 Oct 2020 20:17

Tgt Ion:	164	Resp:	23615
Ion	Ratio	Lower	Upper
164	100		
129	91.2	64.6	120.0
131	88.5	63.6	118.0
166	126.7	88.3	164.1

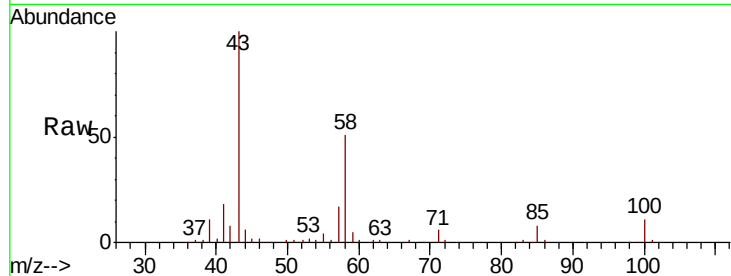




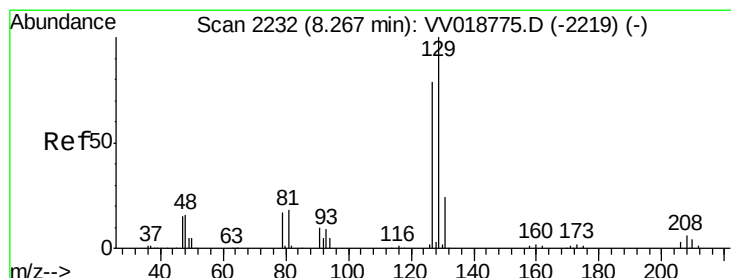
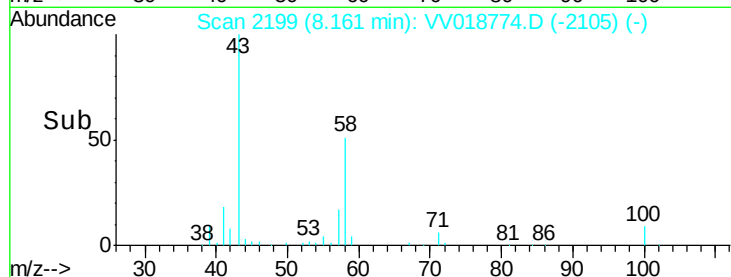
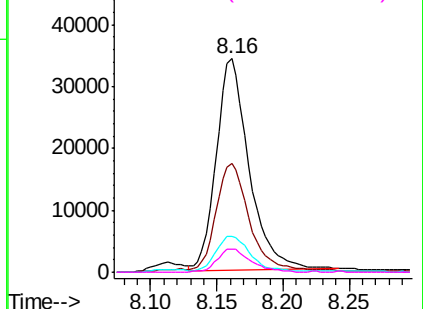
#48
2-Hexanone
Concen: 23.203 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV018774.D
Acq: 08 Oct 2020 20:17

Instrument :
MSVOA_V
ClientSampleId :
VSTD01061

Tot Ion: 43 Resp: 58982
Ion Ratio Lower Upper
43 100
58 50.3 41.8 62.8
57 16.0 14.9 22.3
100 11.2 9.2 13.8

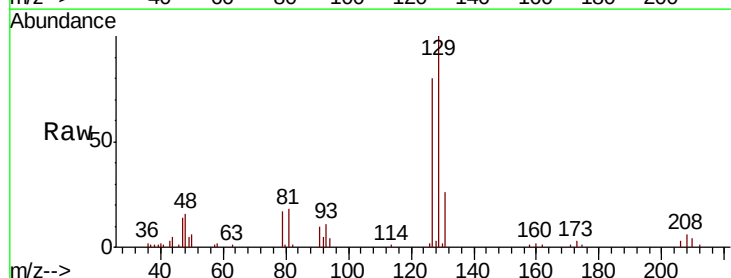


Abundance Ion 43.00 (42.70 to 43.70): VV018774.D (-2188) (-)
Ion 58.00 (57.70 to 58.70): VV018774.D (-2188) (-)
Ion 57.00 (56.70 to 57.70): VV018774.D (-2188) (-)
Ion 100.00 (99.70 to 100.70): VV018774.D (-2188) (-)

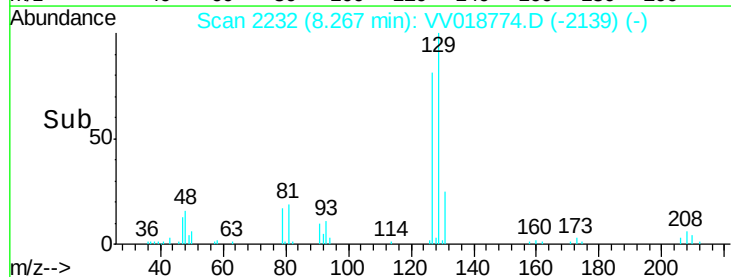
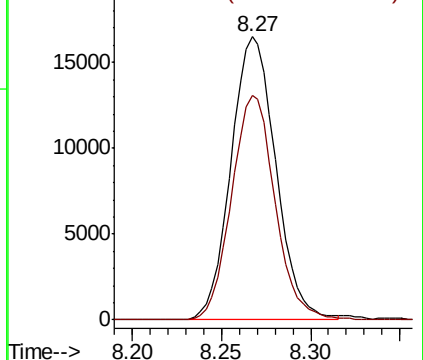


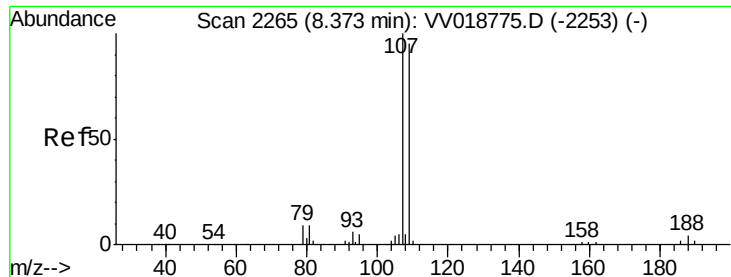
#49
Dibromochloromethane
Concen: 10.373 ug/L
RT: 8.27 min Scan# 2232
Delta R.T. 0.00 min
Lab File: VV018774.D
Acq: 08 Oct 2020 20:17

Tgt Ion: 129 Resp: 28878
Ion Ratio Lower Upper
129 100
127 79.5 55.3 102.7



Abundance Ion 129.00 (128.70 to 129.70): VV018774.D (-2219) (-)
Ion 127.00 (126.70 to 127.70): VV018774.D (-2219) (-)

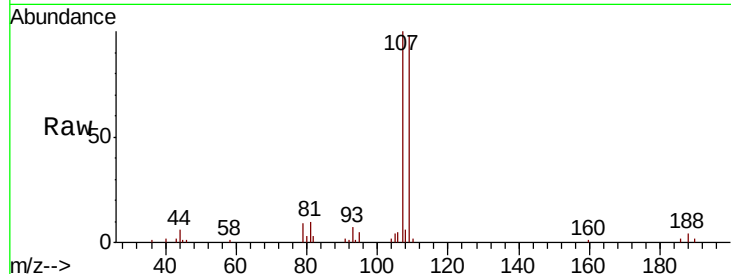




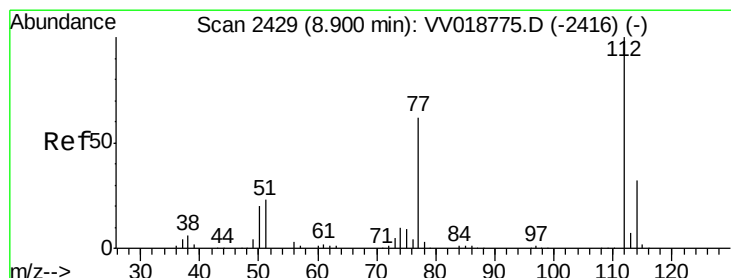
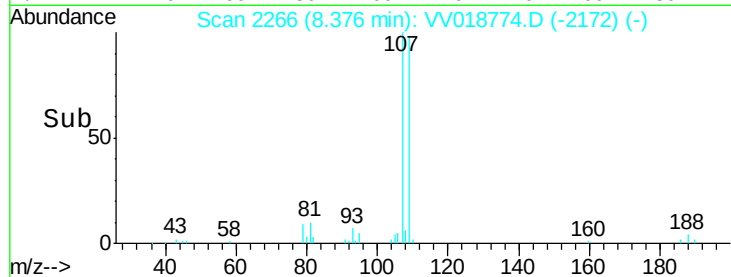
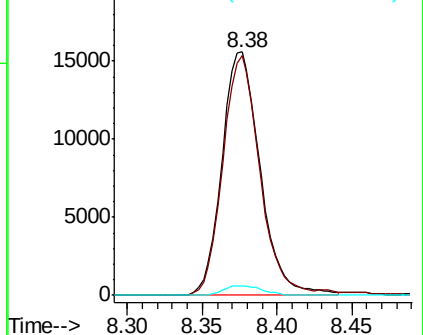
#50
1,2-Dibromoethane
Concen: 10.717 ug/L
RT: 8.38 min Scan# 2266
Delta R.T. 0.00 min
Lab File: VV018774.D
Acq: 08 Oct 2020 20:17

Instrument :
MSVOA_V
ClientSampleId :
VSTD01061

Tot Ion:107 Resp: 27786
Ion Ratio Lower Upper
107 100
109 98.3 66.4 123.2
188 4.0 3.1 4.7

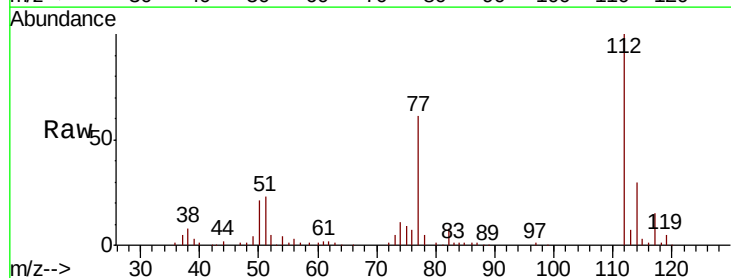


Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V
Ion 188.00 (187.70 to 188.70): V

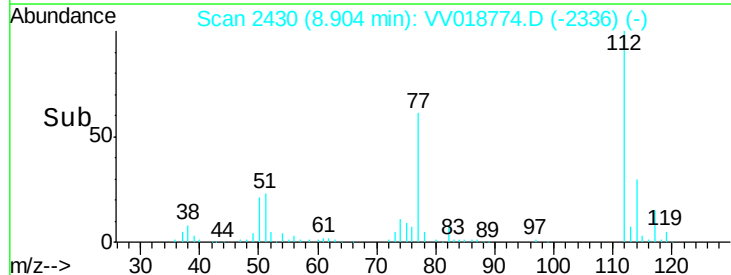
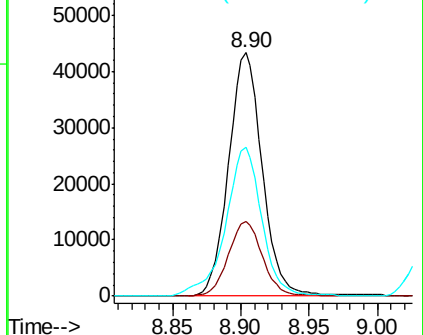


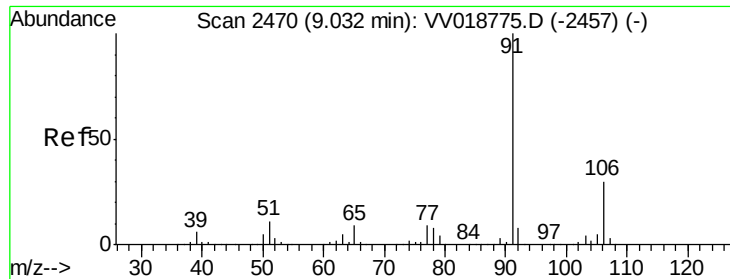
#51
Chlorobenzene
Concen: 10.567 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV018774.D
Acq: 08 Oct 2020 20:17

Tgt Ion:112 Resp: 74287
Ion Ratio Lower Upper
112 100
114 30.4 22.0 41.0
77 61.3 49.8 74.6



Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V





#52

Ethylbenzene

Concen: 10.288 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. 0.00 min

Lab File: VV018774.D

Acq: 08 Oct 2020 20:17

Instrument :

MSVOA_V

ClientSampleId :

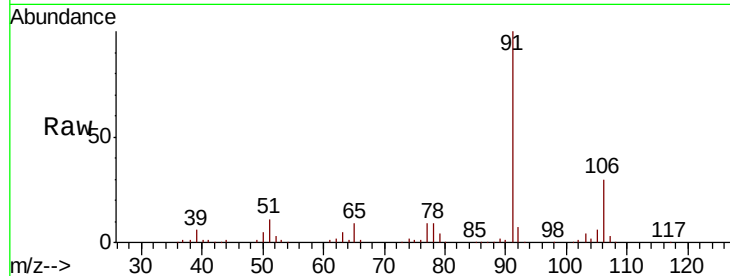
VSTD01061

Tot Ion: 91 Resp: 120537

Ion Ratio Lower Upper

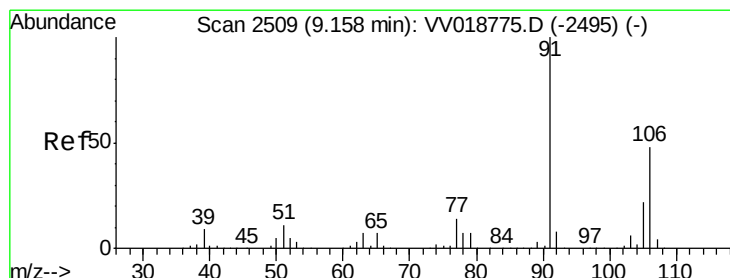
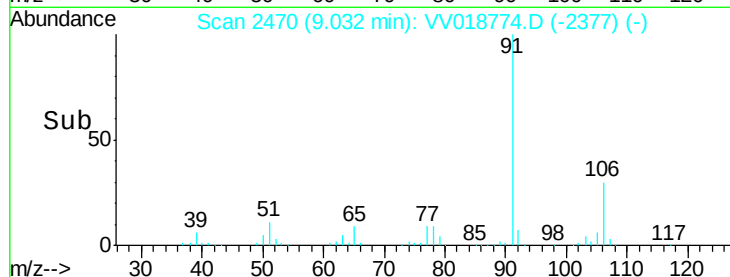
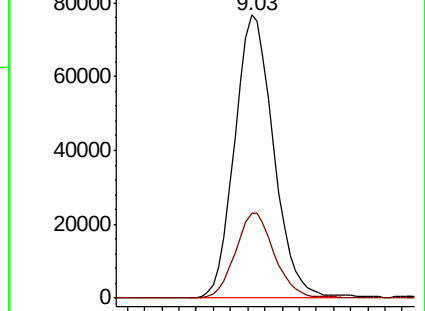
91 100

106 30.0 20.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VV018775.D (-2457) (-)

Ion 106.00 (105.70 to 106.70): VV018775.D (-2457) (-)



#53

m,p-Xylene

Concen: 9.701 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV018774.D

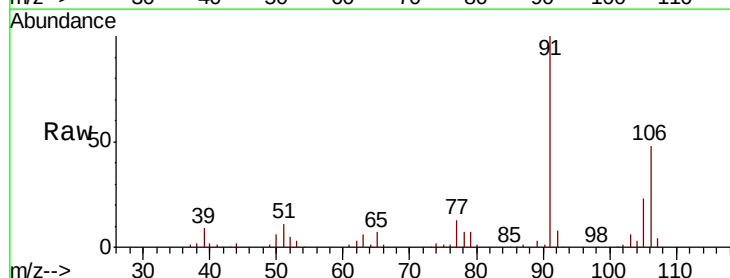
Acq: 08 Oct 2020 20:17

Tgt Ion: 106 Resp: 43627

Ion Ratio Lower Upper

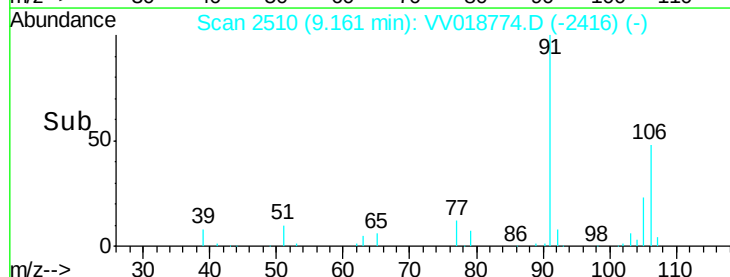
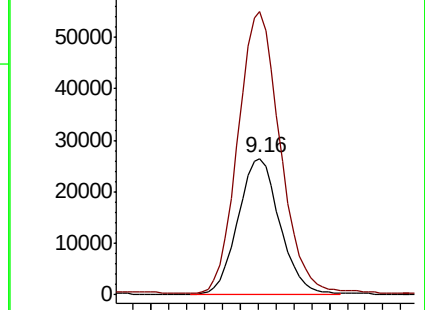
106 100

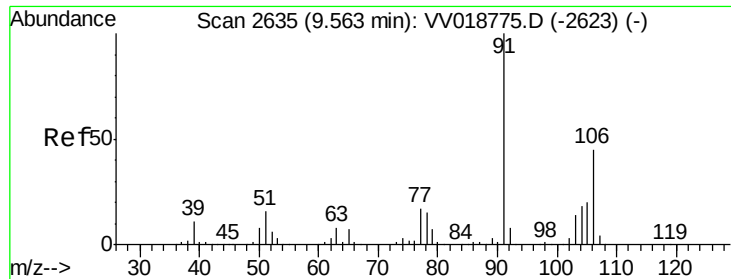
91 207.1 147.1 273.1



Abundance Ion 106.00 (105.70 to 106.70): VV018775.D (-2495) (-)

Ion 91.00 (90.70 to 91.70): VV018775.D (-2495) (-)

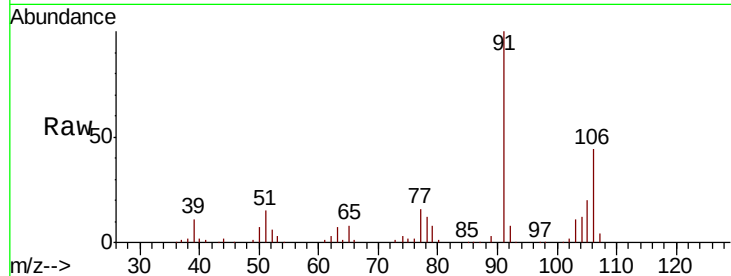




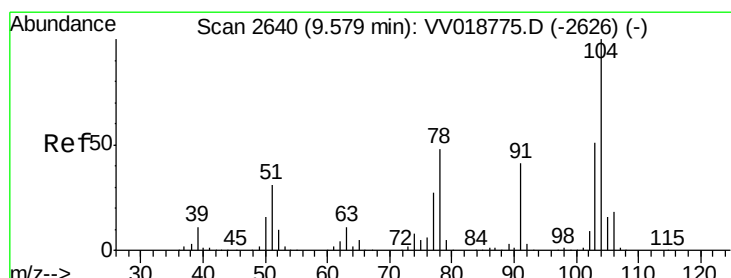
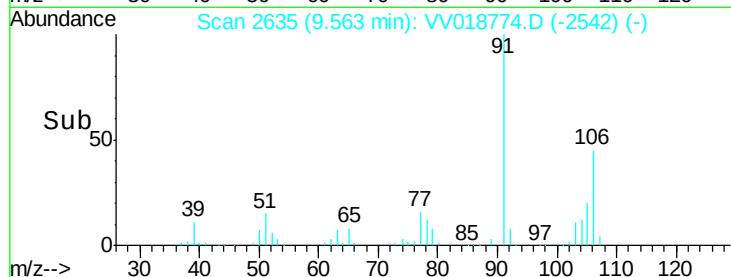
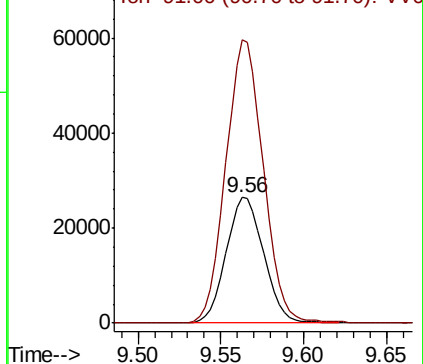
#54
o-xylene
Concen: 9.768 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. 0.00 min
Lab File: VV018774.D
Acq: 08 Oct 2020 20:17

Instrument :
MSVOA_V
ClientSampleId :
VSTD01061

Tot Ion:106 Resp: 41481
Ion Ratio Lower Upper
106 100
91 225.0 156.8 291.2

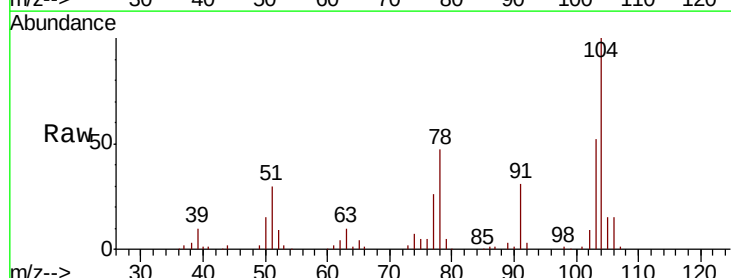


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

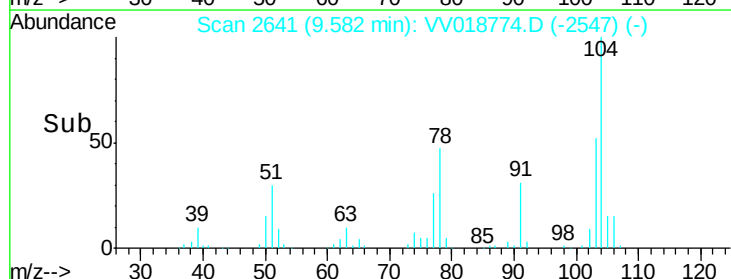
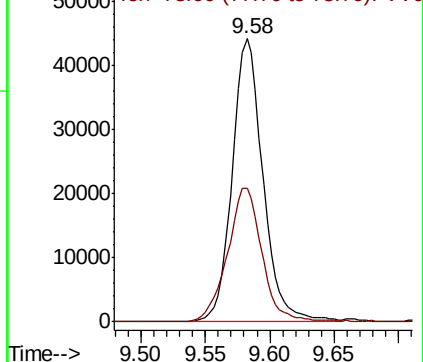


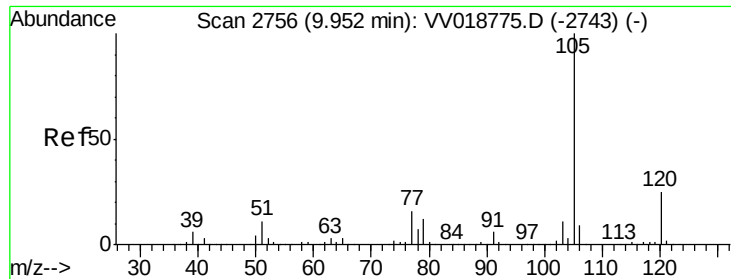
#55
Styrene
Concen: 9.906 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. 0.00 min
Lab File: VV018774.D
Acq: 08 Oct 2020 20:17

Tgt Ion:104 Resp: 73615
Ion Ratio Lower Upper
104 100
78 47.3 33.5 62.3



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





#56

Isopropylbenzene

Concen: 9.595 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VV018774.D

Acq: 08 Oct 2020 20:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD01061

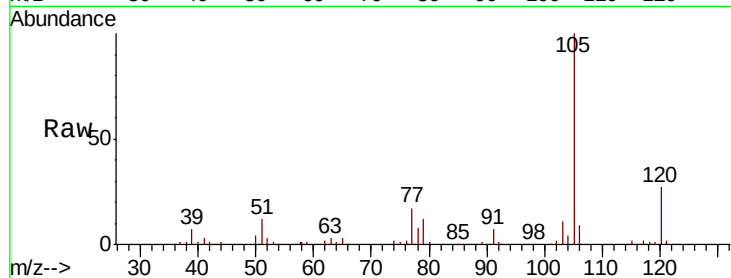
Tot Ion:105 Resp: 111577

Ion Ratio Lower Upper

105 100

120 26.1 20.4 30.6

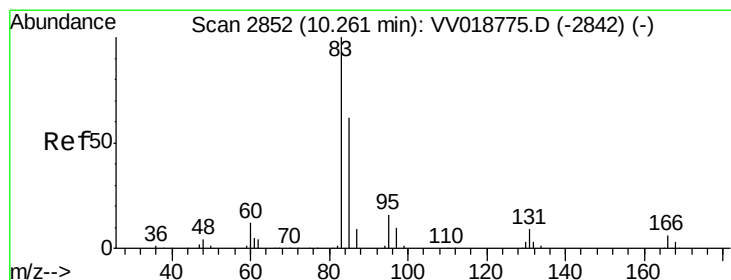
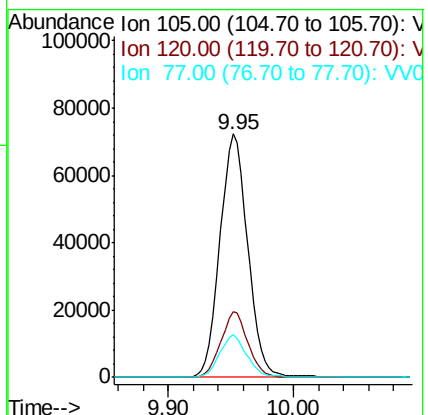
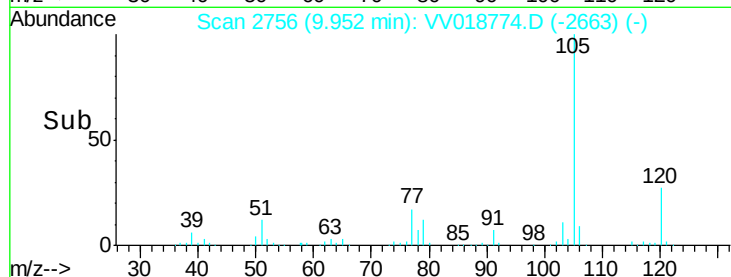
77 17.1 13.0 19.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 9.979 ug/L

RT: 10.26 min Scan# 2853

Delta R.T. 0.00 min

Lab File: VV018774.D

Acq: 08 Oct 2020 20:17

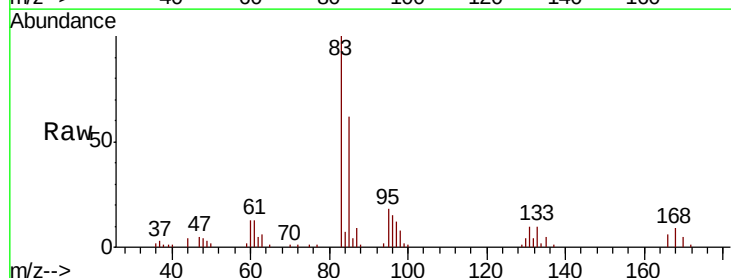
Tgt Ion: 83 Resp: 34615

Ion Ratio Lower Upper

83 100

85 62.4 44.5 82.7

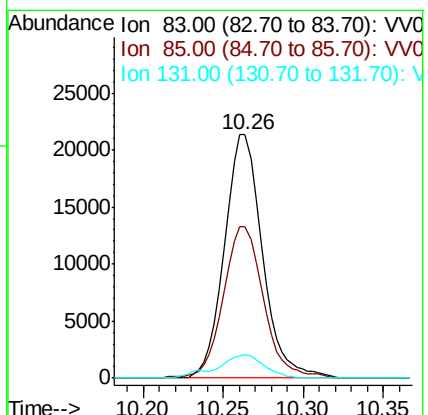
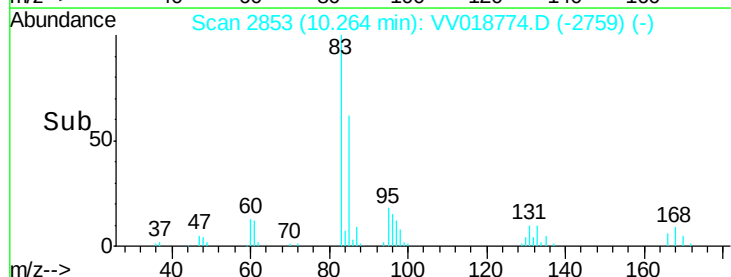
131 9.6 8.0 12.0

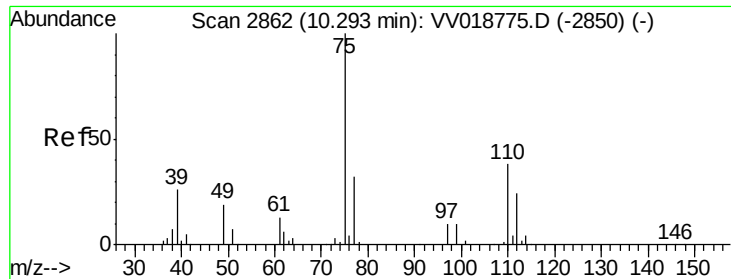


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 11.471 ug/L

RT: 10.30 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VV018774.D

Acq: 08 Oct 2020 20:17

Instrument :

MSVOA_V

ClientSampleId :

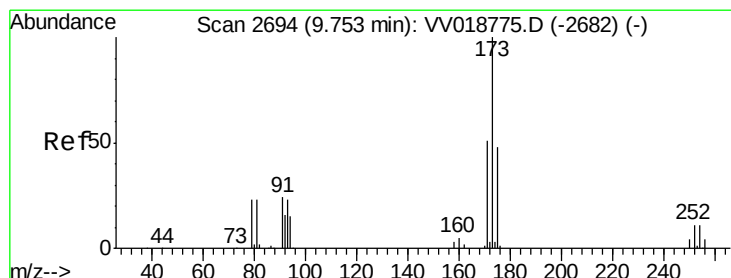
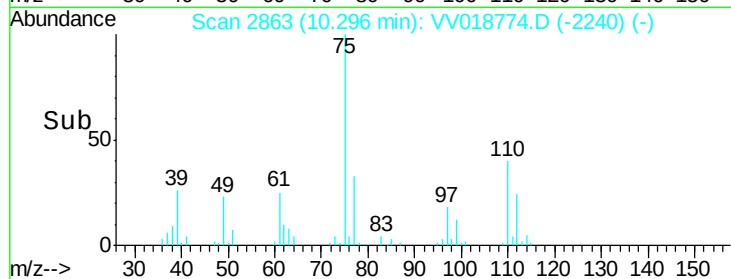
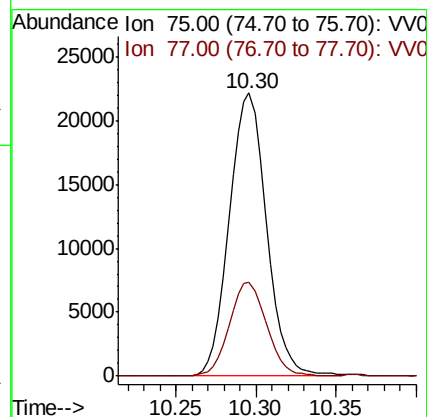
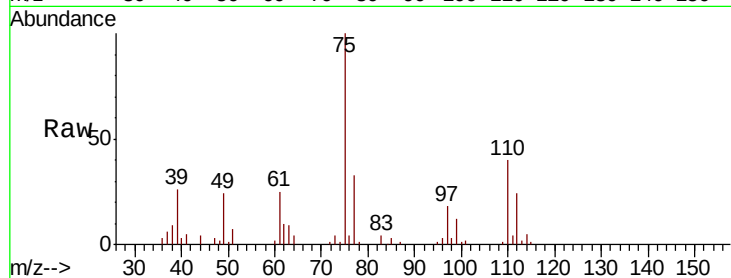
VSTD01061

Tot Ion: 75 Resp: 35137

Ion Ratio Lower Upper

75 100

77 33.1 25.9 38.9



#61

Bromoform

Concen: 9.579 ug/L

RT: 9.75 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VV018774.D

Acq: 08 Oct 2020 20:17

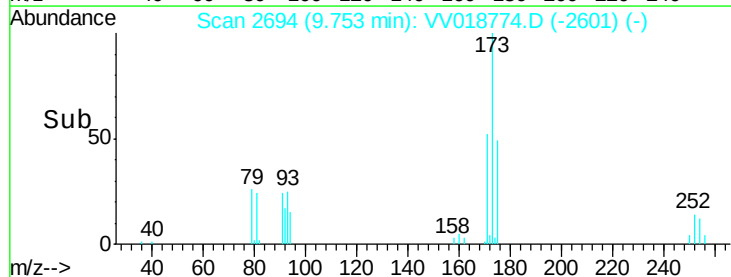
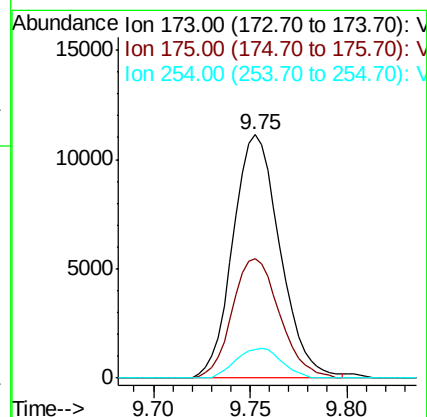
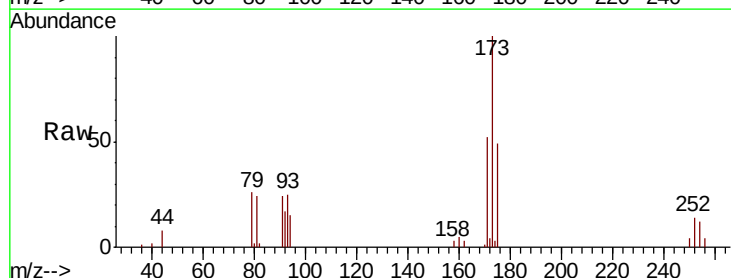
Tgt Ion: 173 Resp: 18878

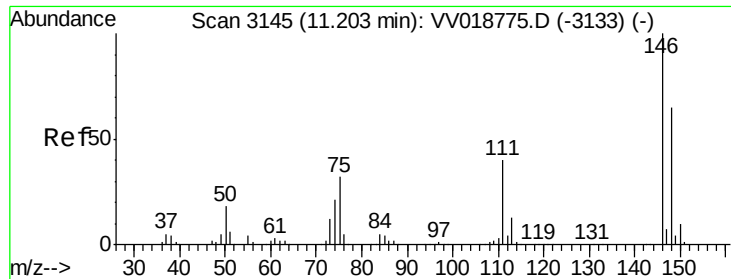
Ion Ratio Lower Upper

173 100

175 49.3 38.7 58.1

254 11.9 8.2 12.4





#62

1,3-Dichlorobenzene

Concen: 10.582 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.00 min

Lab File: VV018774.D

Acq: 08 Oct 2020 20:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD01061

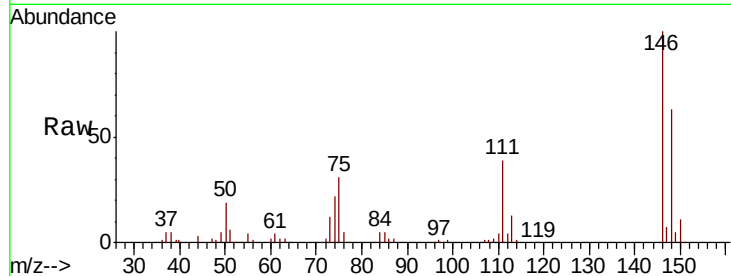
Tot Ion:146 Resp: 58777

Ion Ratio Lower Upper

146 100

111 38.6 27.8 51.6

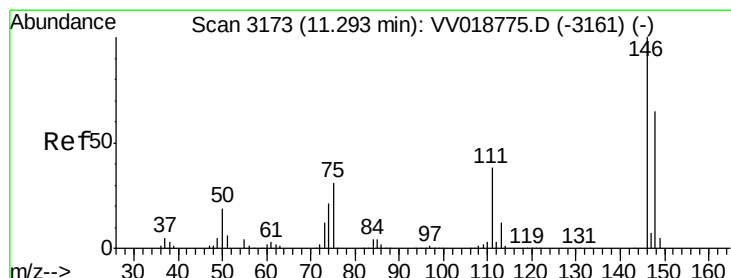
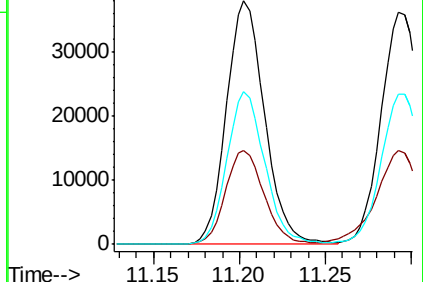
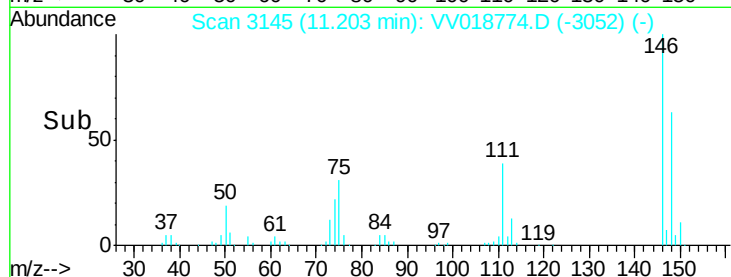
148 62.9 45.4 84.4



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: 10.441 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.00 min

Lab File: VV018774.D

Acq: 08 Oct 2020 20:17

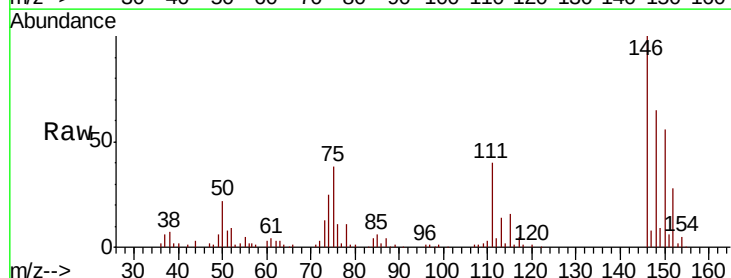
Tgt Ion:146 Resp: 59773

Ion Ratio Lower Upper

146 100

111 40.5 27.1 50.3

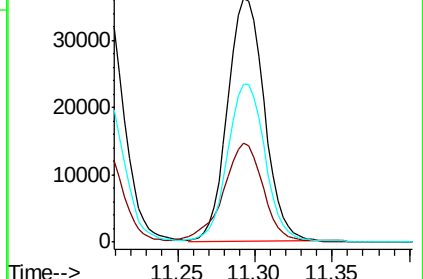
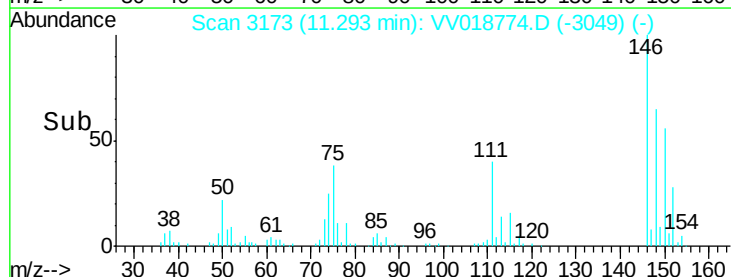
148 64.7 45.4 84.4

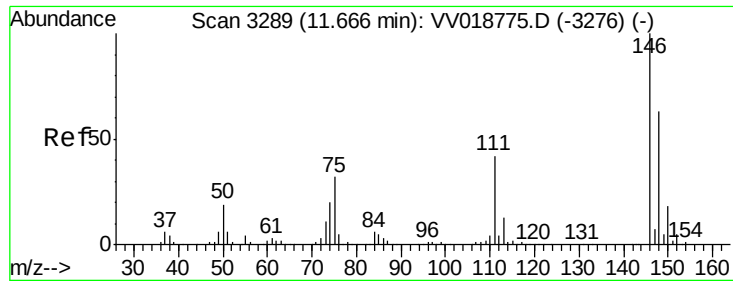


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 10.703 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV018774.D

Acq: 08 Oct 2020 20:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD01061

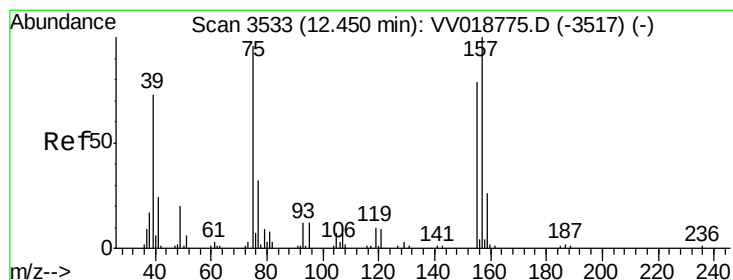
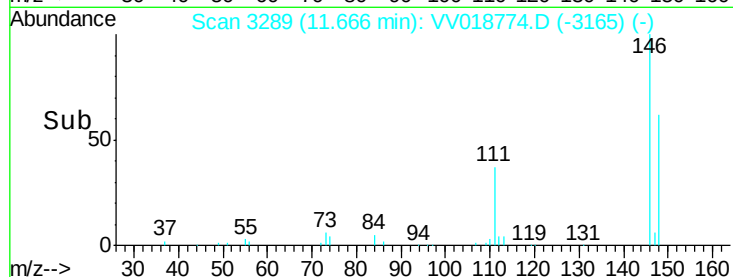
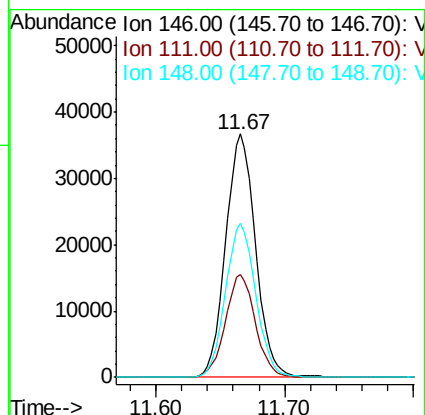
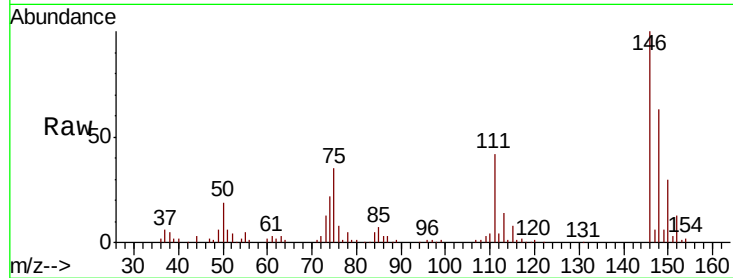
Tot Ion:146 Resp: 59081

Ion Ratio Lower Upper

146 100

111 42.3 33.8 50.6

148 63.3 50.3 75.5



#66

1,2-Dibromo-3-chloropropane

Concen: 10.087 ug/L

RT: 12.45 min Scan# 3533

Delta R.T. 0.00 min

Lab File: VV018774.D

Acq: 08 Oct 2020 20:17

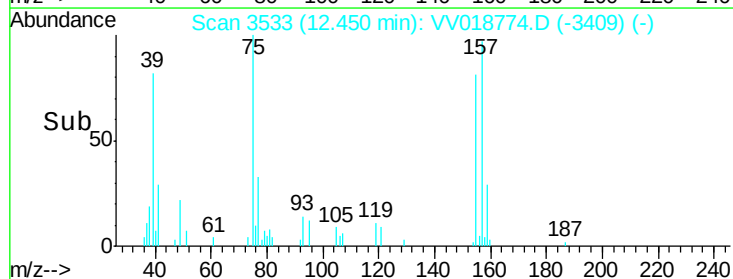
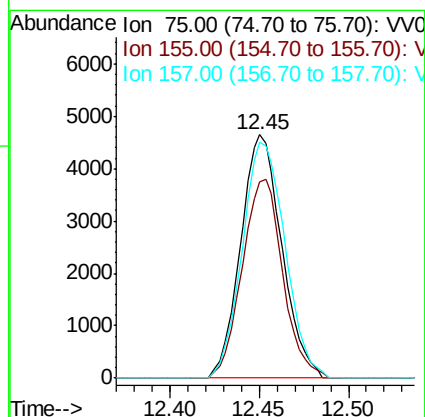
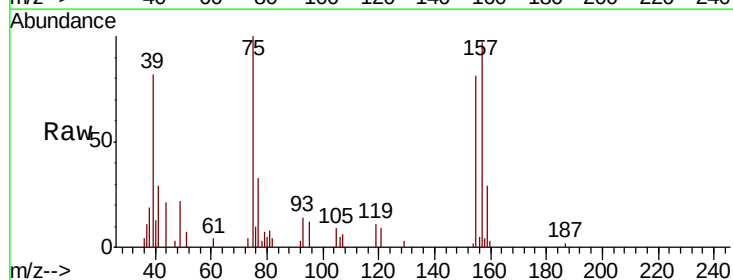
Tgt Ion: 75 Resp: 7490

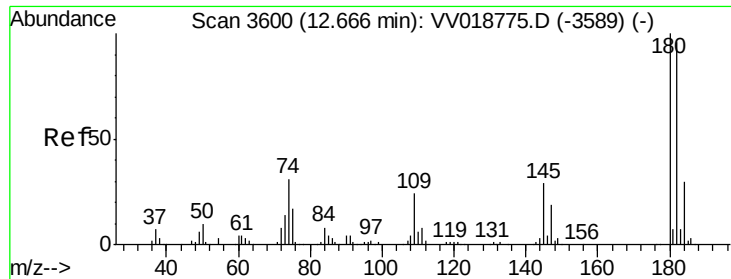
Ion Ratio Lower Upper

75 100

155 80.9 65.8 98.8

157 96.9 83.0 124.6

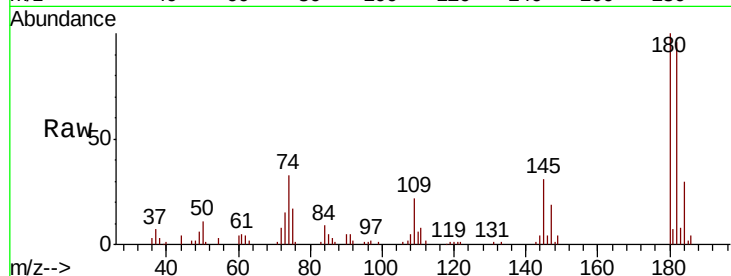




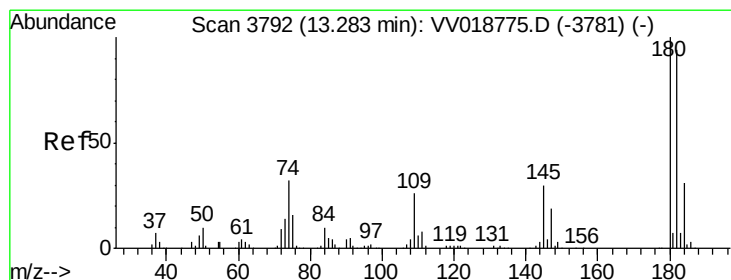
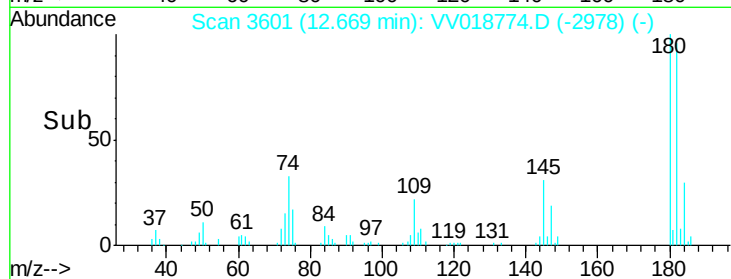
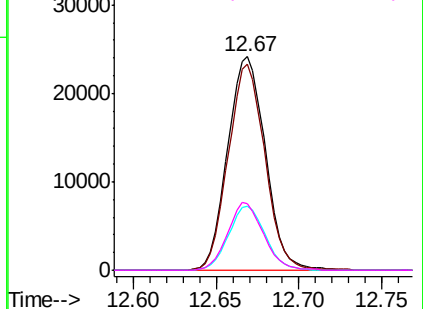
#67
 1,3,5-Trichlorobenzene
 Concen: 10.041 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. 0.00 min
 Lab File: VV018774.D
 Acq: 08 Oct 2020 20:17

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01061

Tot Ion:180 Resp: 38210
 Ion Ratio Lower Upper
 180 100
 182 94.0 77.0 115.6
 184 29.0 24.6 37.0
 145 30.1 23.4 35.0

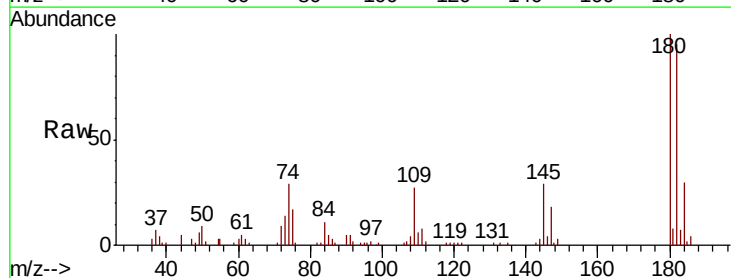


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

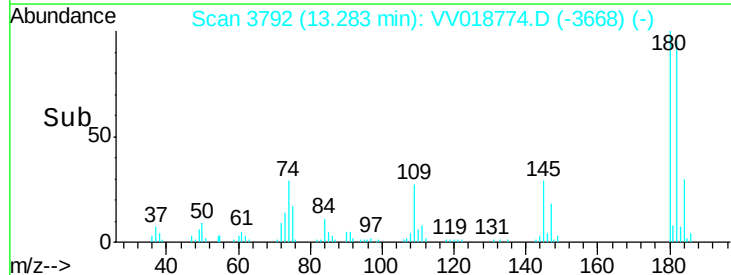
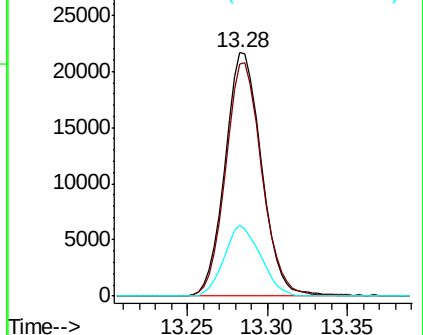


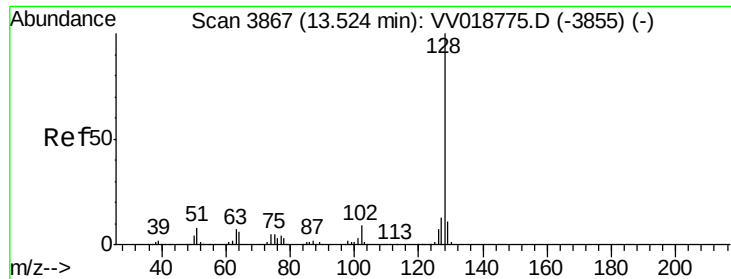
#68
 1,2,4-trichlorobenzene
 Concen: 9.567 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.00 min
 Lab File: VV018774.D
 Acq: 08 Oct 2020 20:17

Tgt Ion:180 Resp: 33732
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.7 115.1
 145 28.9 24.0 36.0



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





#69

Naphthalene

Concen: 8.686 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.00 min

Lab File: VV018774.D

Acq: 08 Oct 2020 20:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD01061

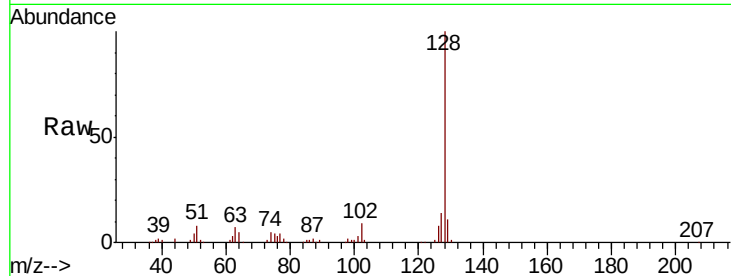
Tot Ion:128 Resp: 87528

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

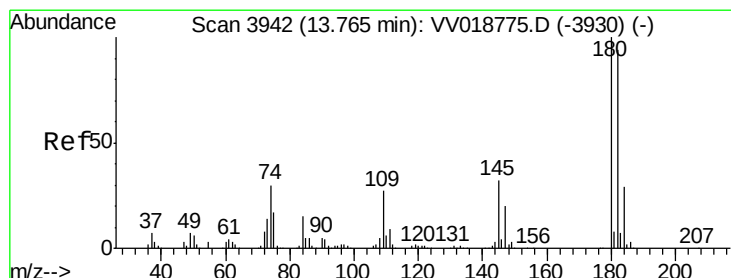
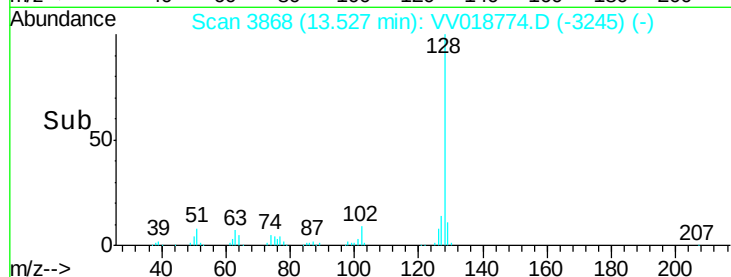
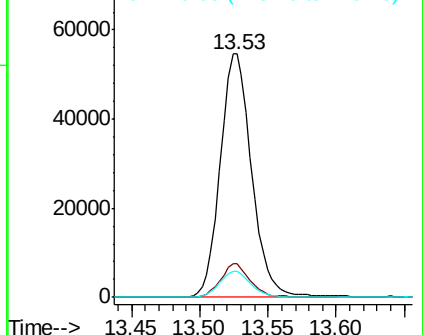
129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 9.753 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. 0.00 min

Lab File: VV018774.D

Acq: 08 Oct 2020 20:17

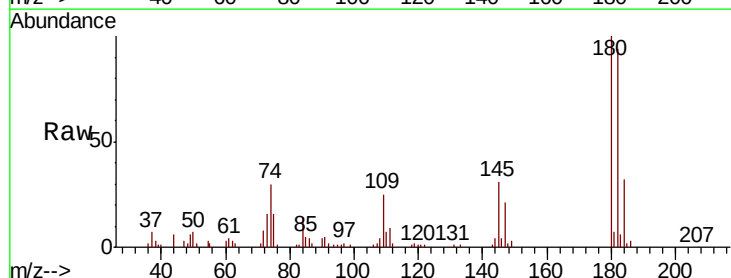
Tgt Ion:180 Resp: 34640

Ion Ratio Lower Upper

180 100

182 93.6 75.9 113.9

145 31.7 25.2 37.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

