

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111821\
 Data File : VW023630.D
 Acq On : 19 Nov 2021 01:38
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 19 04:12:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 03:51:44 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	117419	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	118579	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64773	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	35572	4.836	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.800%
7) Chloroethane-d5	1.568	69	29425	4.908	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.108	63	66469	4.827	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.600%
20) 2-Butanone-d5	3.902	46	35934	28.355	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	56.720%
24) Chloroform-d	4.349	84	68631	4.378	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.037	65	34733	4.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.050	84	134503	4.421	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.069	67	39631	4.425	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.317	98	131612	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	7.625	79	14670	4.320	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.092	63	57508	46.025	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.040%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29930	4.647	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	49266	4.568	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	47032	4.108	ug/L	98
3) Chloromethane	1.240	50	40234	4.133	ug/L	98
5) Vinyl chloride	1.311	62	42208	4.341	ug/L	97
6) Bromomethane	1.520	94	20406	3.284	ug/L	97
8) Chloroethane	1.584	64	26562	4.734	ug/L	98
9) Trichlorofluoromethane	1.751	101	71563	4.899	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	35419	4.816	ug/L	95
12) 1,1-Dichloroethene	2.118	96	32771	4.680	ug/L	95
13) Acetone	2.188	43	27404	35.390	ug/L	99
14) Carbon disulfide	2.294	76	102778	3.890	ug/L	100
15) Methyl Acetate	2.439	43	11019	5.028	ug/L #	88
16) Methylene chloride	2.507	84	45064	4.410	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	73250	4.752	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	37707	4.381	ug/L	98
19) 1,1-Dichloroethane	3.188	63	67617	4.653	ug/L	98
21) 2-Butanone	3.992	43	46073	36.802	ug/L	99
22) cis-1,2-Dichloroethene	3.912	96	38546	4.653	ug/L #	91
23) Bromochloromethane	4.253	128	18508	4.845	ug/L #	79
25) Chloroform	4.375	83	77636	5.012	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111821\
 Data File : VV023630.D
 Acq On : 19 Nov 2021 01:38
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 19 04:12:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 03:51:44 2021
 Response via : Initial Calibration

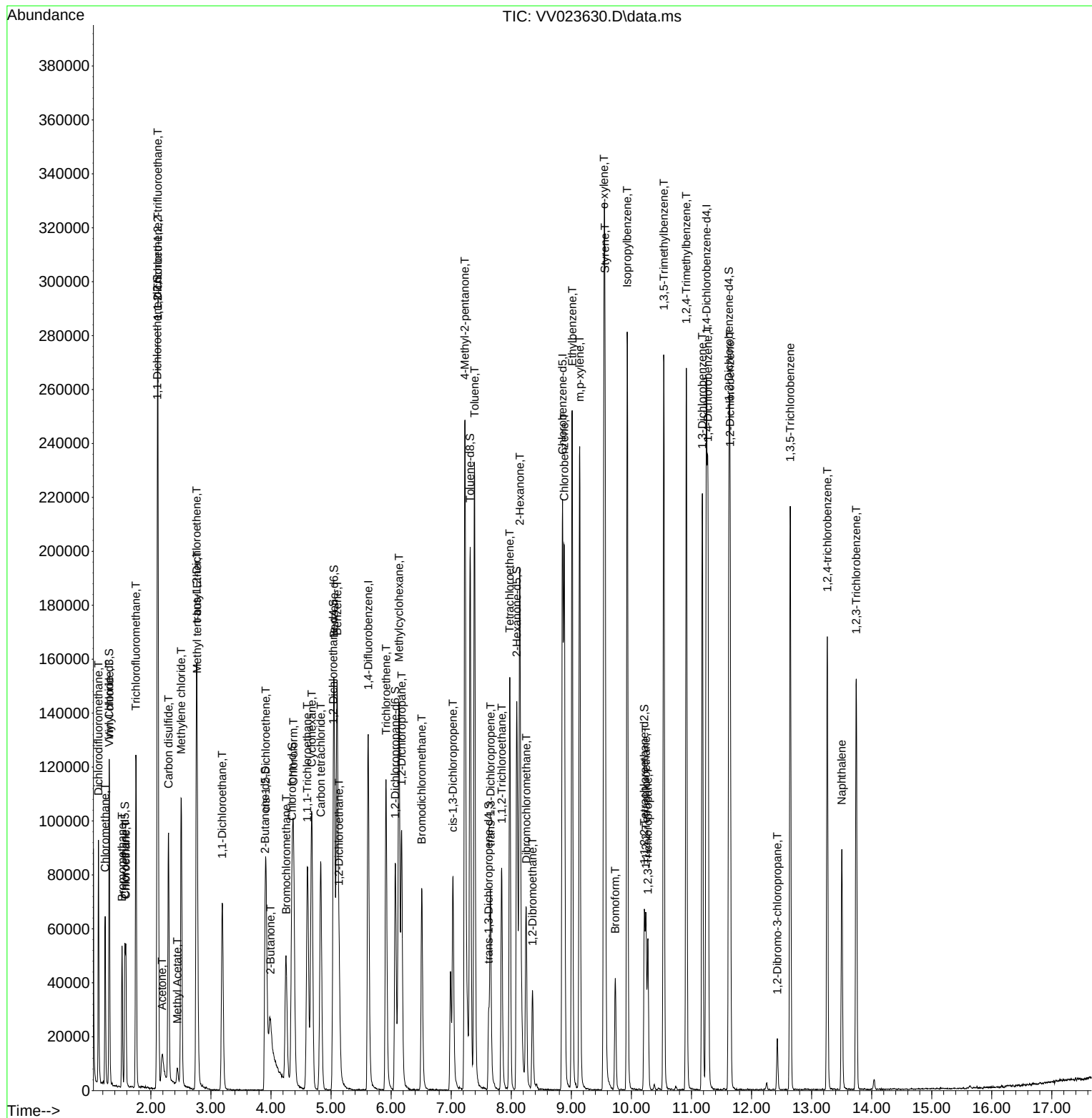
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	39909	4.843	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	67097	4.659	ug/L	99
30) Cyclohexane	4.677	56	51797	4.014	ug/L	96
31) Carbon tetrachloride	4.828	117	61141	4.727	ug/L	98
33) Benzene	5.101	78	152303	4.595	ug/L	100
34) Trichloroethene	5.915	95	39498	4.481	ug/L	98
35) Methylcyclohexane	6.133	83	57538	4.136	ug/L	96
37) 1,2-Dichloropropane	6.175	63	36993	4.781	ug/L	98
38) Bromodichloromethane	6.510	83	49575	4.781	ug/L	95
39) cis-1,3-Dichloropropene	7.031	75	48656	4.372	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	187001	52.111	ug/L	98
42) Toluene	7.387	91	169887	4.792	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	42748	4.629	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	26417	4.752	ug/L	97
47) Tetrachloroethene	7.976	164	34286	4.489	ug/L	96
48) 2-Hexanone	8.143	43	136323	54.214	ug/L	96
49) Dibromochloromethane	8.249	129	34914	4.956	ug/L	98
50) 1,2-Dibromoethane	8.352	107	25099	4.872	ug/L #	97
51) Chlorobenzene	8.883	112	109277	4.638	ug/L	99
52) Ethylbenzene	9.014	91	173167	4.632	ug/L	98
53) m,p-xylene	9.140	106	69385	4.729	ug/L	94
54) o-xylene	9.545	106	67010	4.868	ug/L	97
55) Styrene	9.561	104	115145	4.883	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.243	83	29181	4.791	ug/L	99
59) Bromoform	9.731	173	19509	5.043	ug/L	99
60) Isopropylbenzene	9.931	105	177164	4.766	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	20769	4.827	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	143888	4.669	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	145541	4.745	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	91064	4.795	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	89785	4.629	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	82560	4.858	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4664	5.088	ug/L	97
69) 1,3,5-Trichlorobenzene	12.645	180	68030	4.575	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	49288	4.139	ug/L	99
71) Naphthalene	13.503	128	70420	4.011	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	46715	4.484	ug/L	99

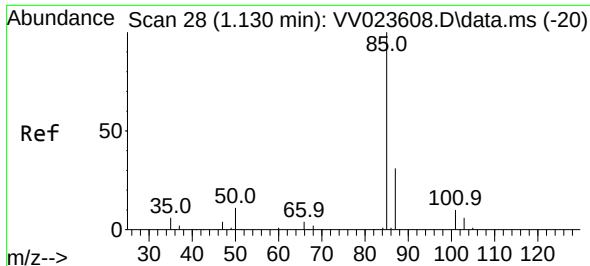
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111821\
 Data File : VV023630.D
 Acq On : 19 Nov 2021 01:38
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 19 04:12:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 03:51:44 2021
 Response via : Initial Calibration

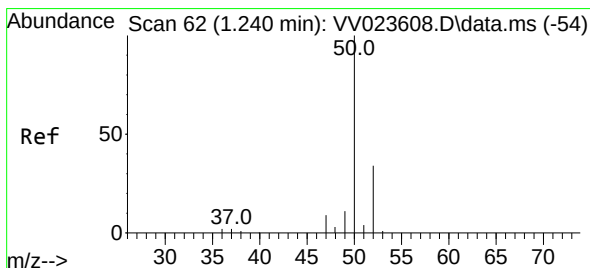
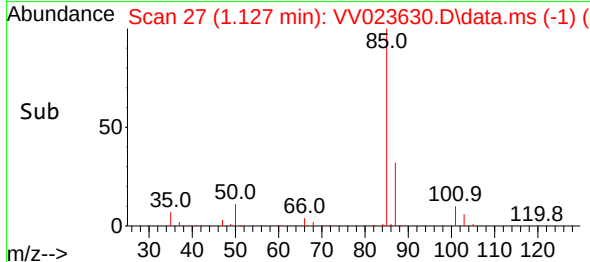
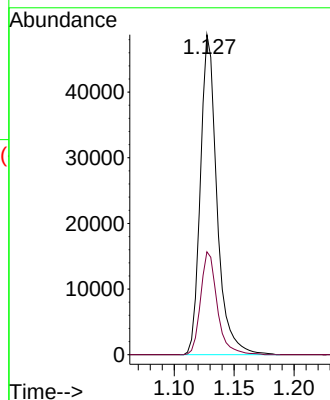
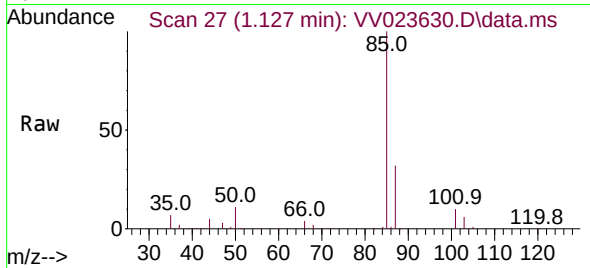




#2
 Dichlorodifluoromethane
 Concen: 4.108 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV023630.D
 Acq: 19 Nov 2021 01:38

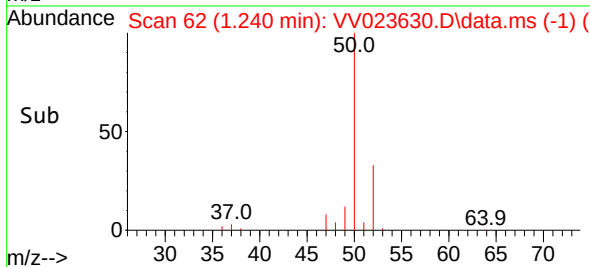
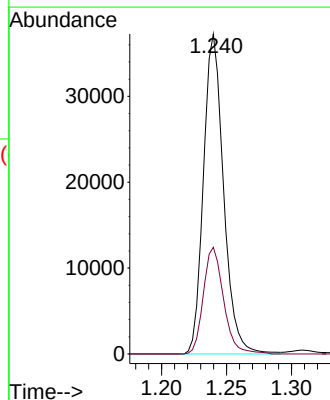
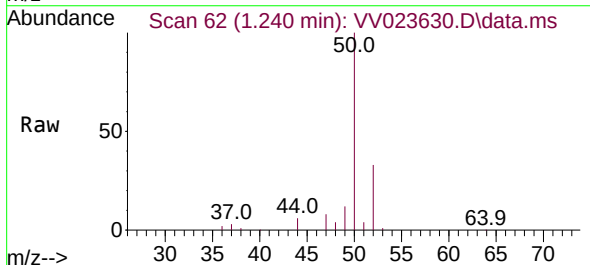
Instrument :
 MSVOA_V
 ClientSampleId :

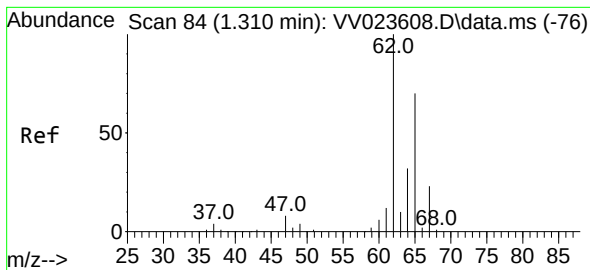
Tgt Ion: 85 Resp: 47032
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.6 39.8



#3
 Chloromethane
 Concen: 4.133 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023630.D
 Acq: 19 Nov 2021 01:38

Tgt Ion: 50 Resp: 40234
 Ion Ratio Lower Upper
 50 100
 52 33.4 24.3 45.1





#5

Vinyl chloride

Concen: 4.341 ug/L

RT: 1.311 min Scan# 84

Delta R.T. 0.000 min

Lab File: VV023630.D

Acq: 19 Nov 2021 01:38

Instrument :

MSVOA_V

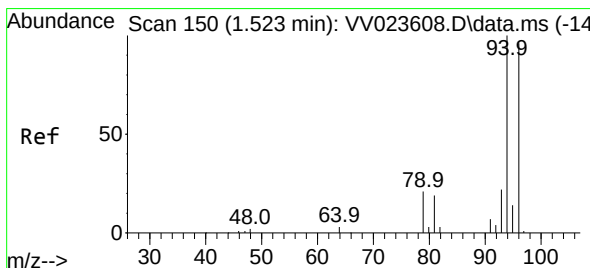
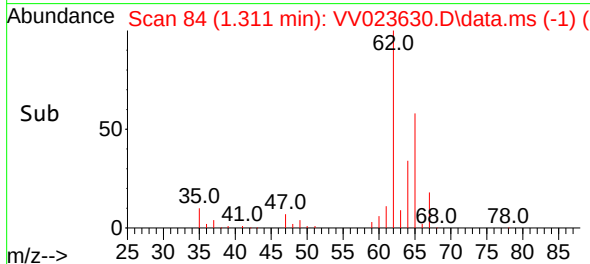
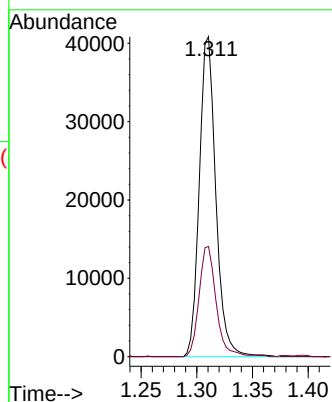
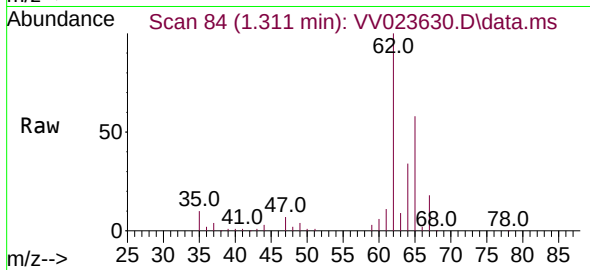
ClientSampleId :

Tgt Ion: 62 Resp: 42208

Ion Ratio Lower Upper

62 100

64 34.5 23.1 42.9



#6

Bromomethane

Concen: 3.284 ug/L

RT: 1.520 min Scan# 149

Delta R.T. -0.003 min

Lab File: VV023630.D

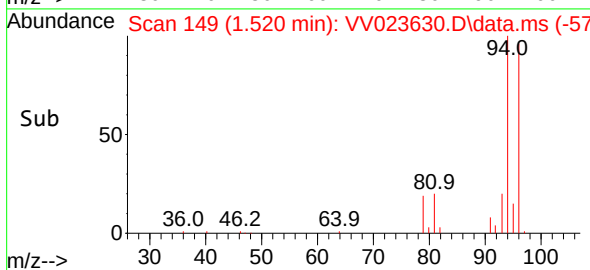
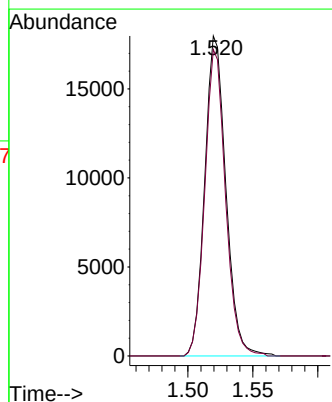
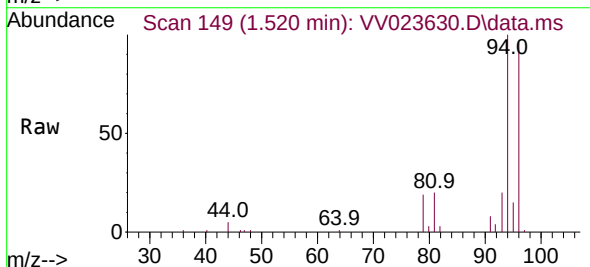
Acq: 19 Nov 2021 01:38

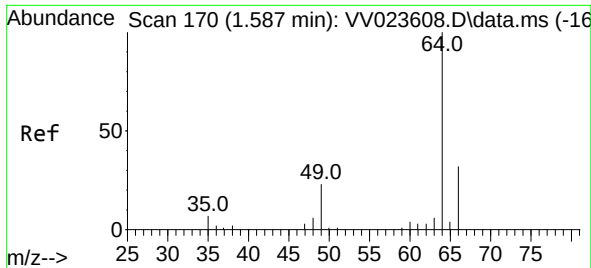
Tgt Ion: 94 Resp: 20406

Ion Ratio Lower Upper

94 100

96 95.7 65.0 120.8

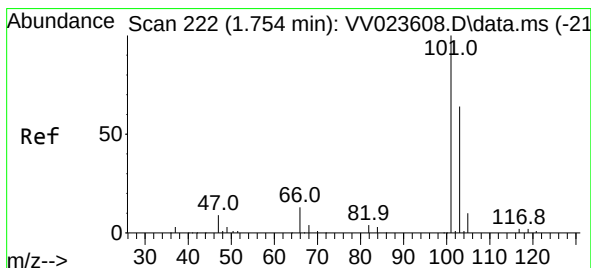
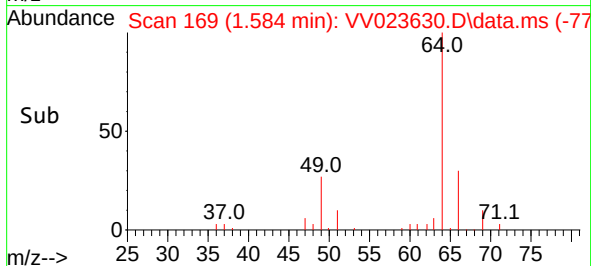
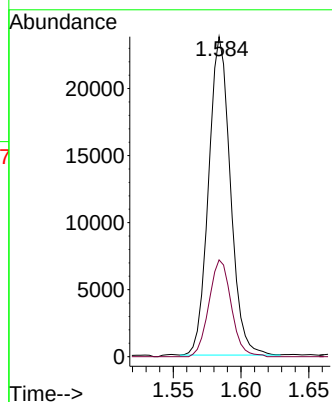
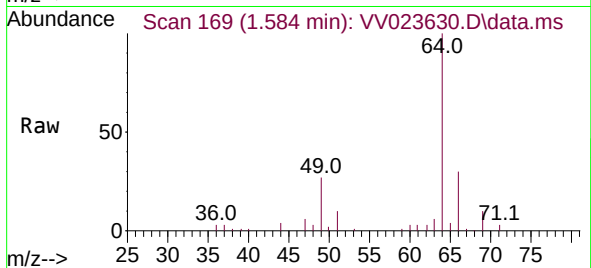




#8
Chloroethane
Concen: 4.734 ug/L
RT: 1.584 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV023630.D
Acq: 19 Nov 2021 01:38

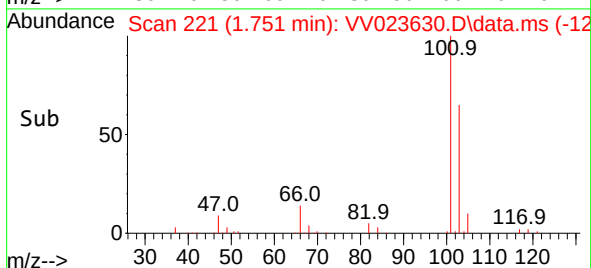
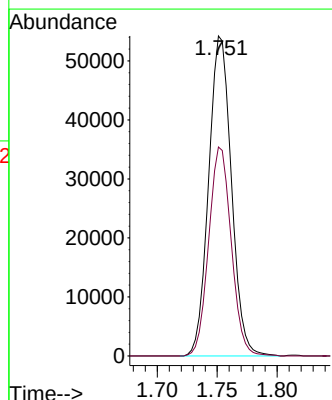
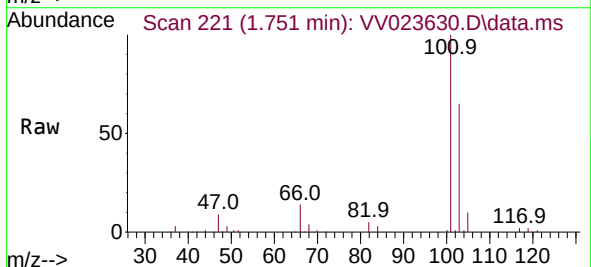
Instrument :
MSVOA_V
ClientSampleId :

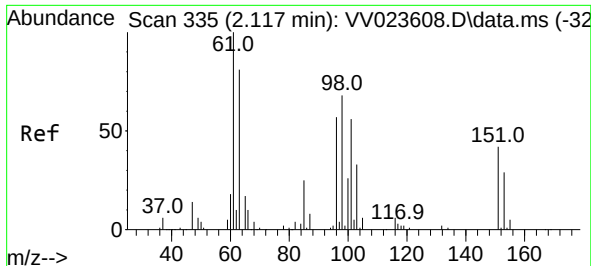
Tgt Ion: 64 Resp: 26562
Ion Ratio Lower Upper
64 100
66 30.3 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.899 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV023630.D
Acq: 19 Nov 2021 01:38

Tgt Ion:101 Resp: 71563
Ion Ratio Lower Upper
101 100
103 64.5 52.6 79.0

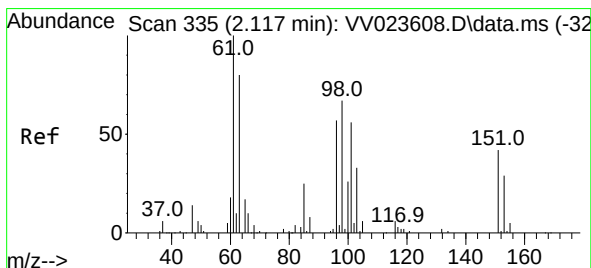
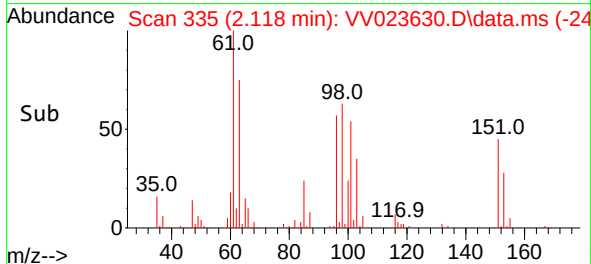
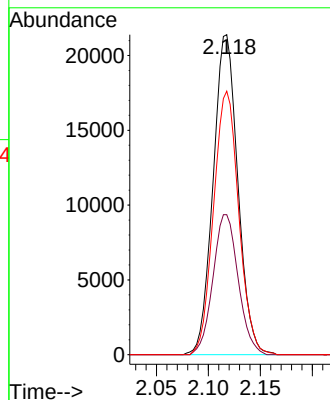
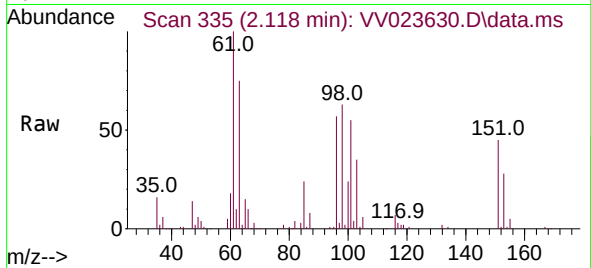




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.816 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV023630.D
 Acq: 19 Nov 2021 01:38

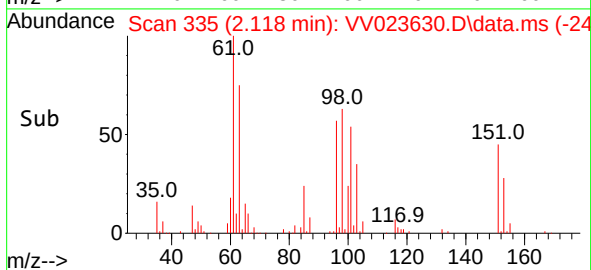
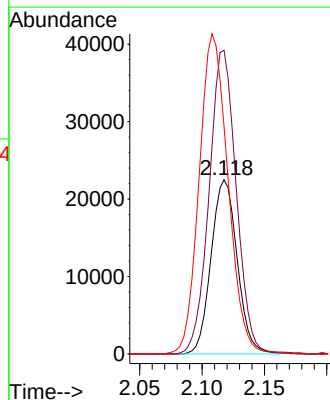
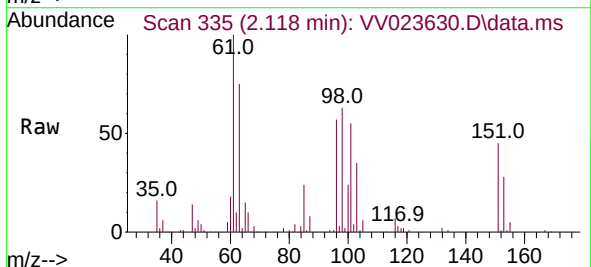
Instrument :
 MSVOA_V
 ClientSampleId :

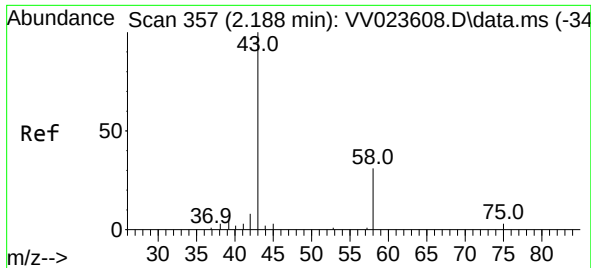
Tgt Ion:101 Resp: 35419
 Ion Ratio Lower Upper
 101 100
 85 44.7 35.3 52.9
 151 83.8 62.2 93.2



#12
 1,1-Dichloroethene
 Concen: 4.680 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV023630.D
 Acq: 19 Nov 2021 01:38

Tgt Ion: 96 Resp: 32771
 Ion Ratio Lower Upper
 96 100
 61 174.3 121.5 225.7
 63 130.5 99.6 185.0





#13

Acetone

Concen: 35.390 ug/L

RT: 2.188 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV023630.D

Acq: 19 Nov 2021 01:38

Instrument :

MSVOA_V

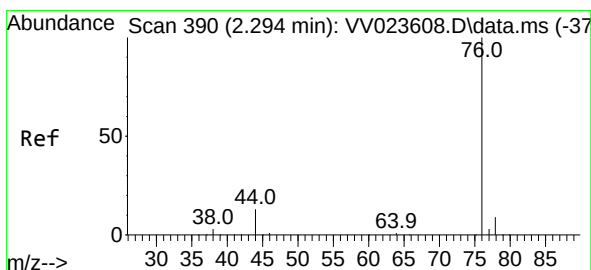
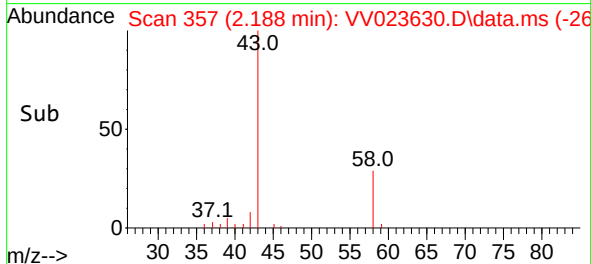
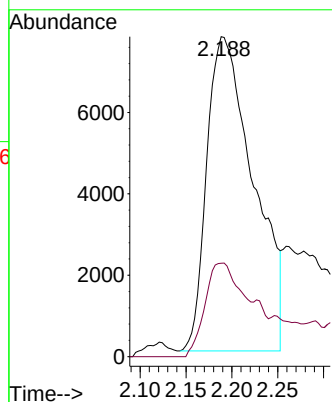
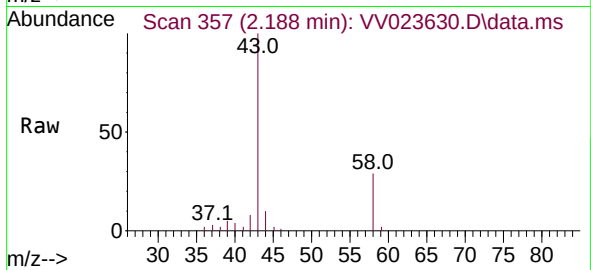
ClientSampleId :

Tgt Ion: 43 Resp: 27404

Ion Ratio Lower Upper

43 100

58 28.4 0.0 55.4



#14

Carbon disulfide

Concen: 3.890 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV023630.D

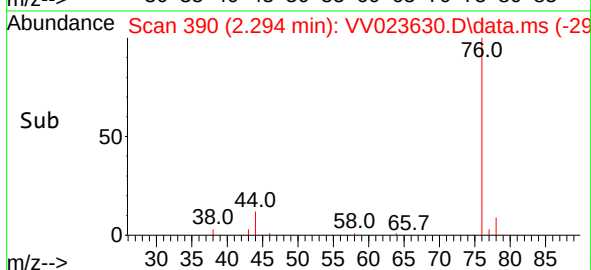
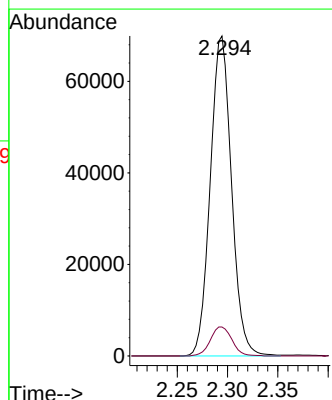
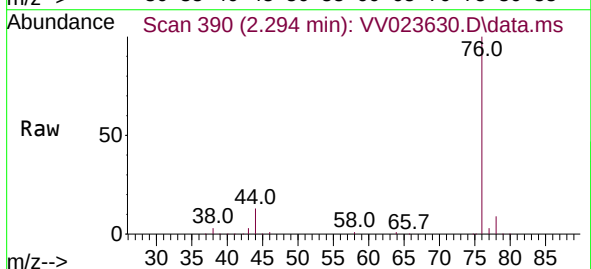
Acq: 19 Nov 2021 01:38

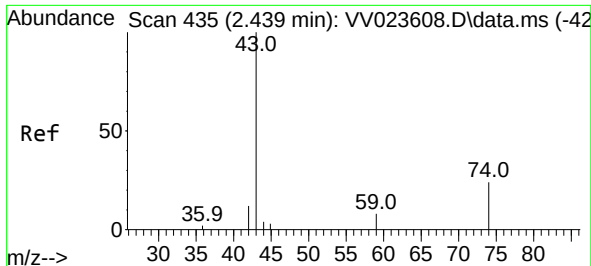
Tgt Ion: 76 Resp: 102778

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

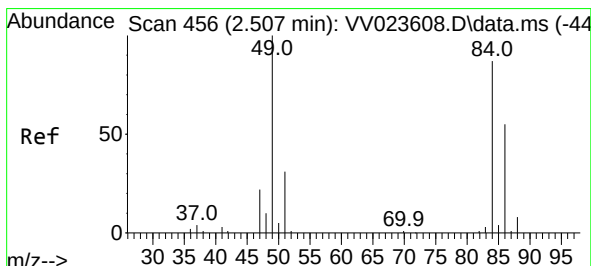
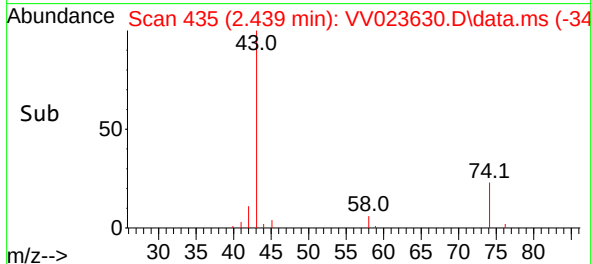
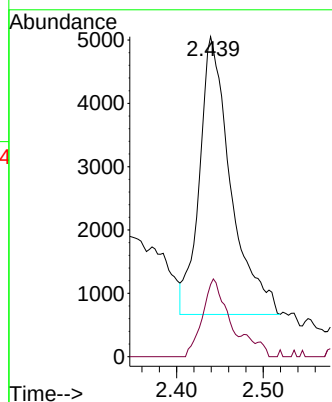
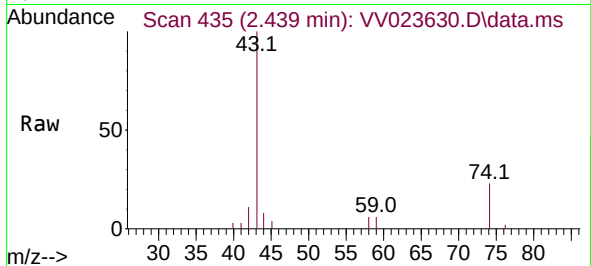




#15
Methyl Acetate
Concen: 5.028 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV023630.D
Acq: 19 Nov 2021 01:38

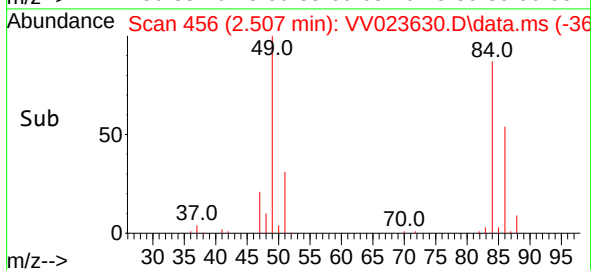
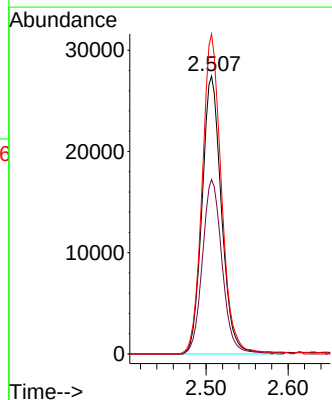
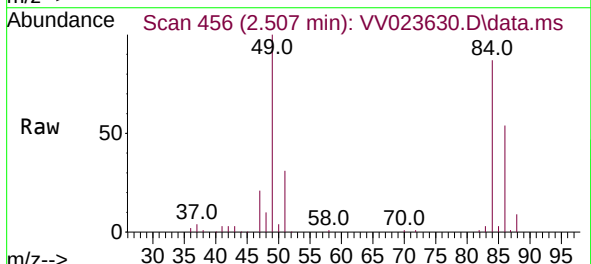
Instrument :
MSVOA_V
ClientSampleId :

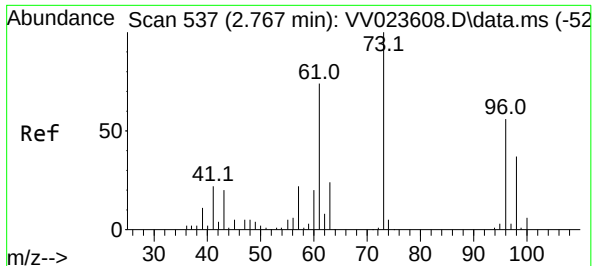
Tgt Ion: 43 Resp: 11019
Ion Ratio Lower Upper
43 100
74 21.6 22.2 33.2#



#16
Methylene chloride
Concen: 4.410 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV023630.D
Acq: 19 Nov 2021 01:38

Tgt Ion: 84 Resp: 45064
Ion Ratio Lower Upper
84 100
86 62.7 42.3 78.5
49 115.1 79.7 148.1

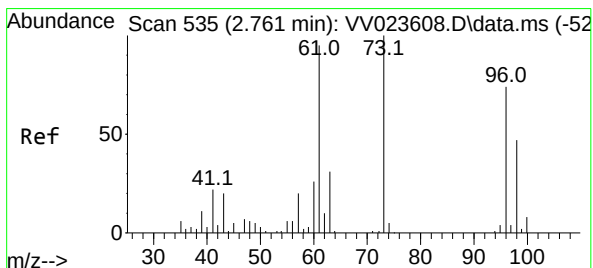
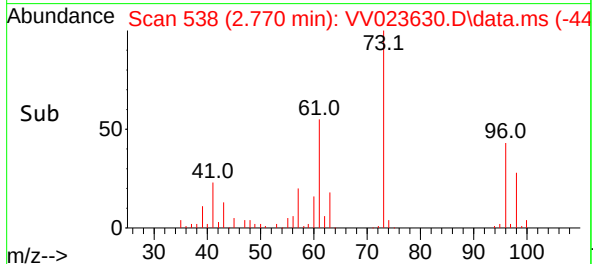
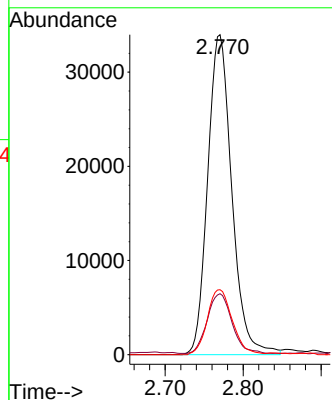
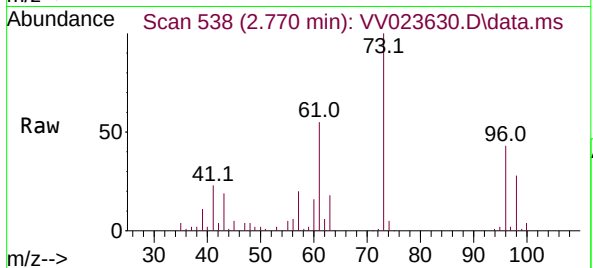




#17
Methyl tert-butyl Ether
Concen: 4.752 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023630.D
Acq: 19 Nov 2021 01:38

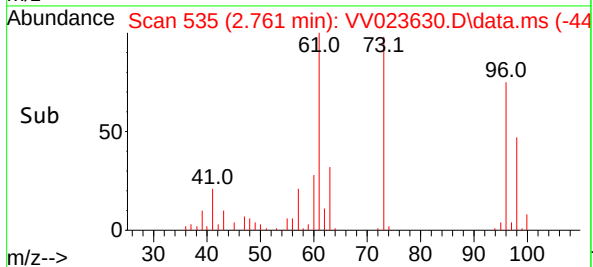
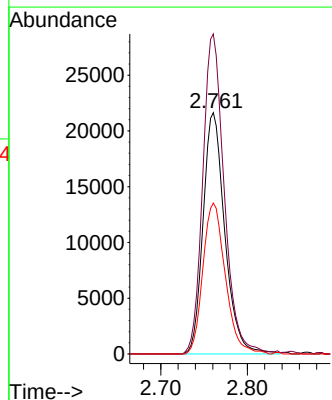
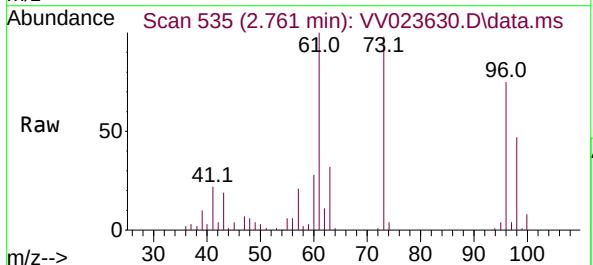
Instrument :
MSVOA_V
ClientSampleId :

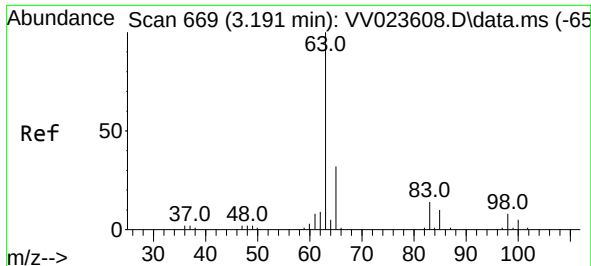
Tgt Ion: 73 Resp: 73250
Ion Ratio Lower Upper
73 100
43 19.0 17.4 26.0
57 21.0 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 4.381 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV023630.D
Acq: 19 Nov 2021 01:38

Tgt Ion: 96 Resp: 37707
Ion Ratio Lower Upper
96 100
61 132.6 93.2 173.2
98 62.5 47.0 87.2





#19

1,1-Dichloroethane

Concen: 4.653 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV023630.D

Acq: 19 Nov 2021 01:38

Instrument :

MSVOA_V

ClientSampleId :

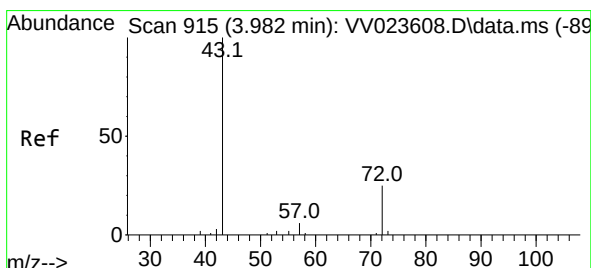
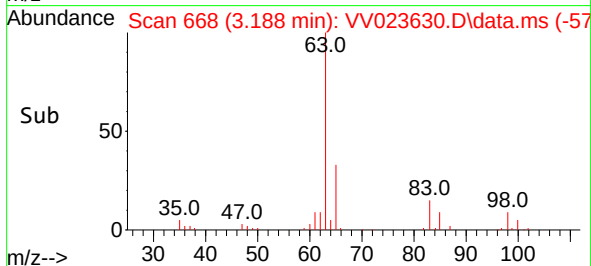
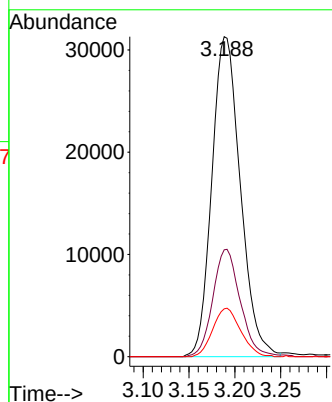
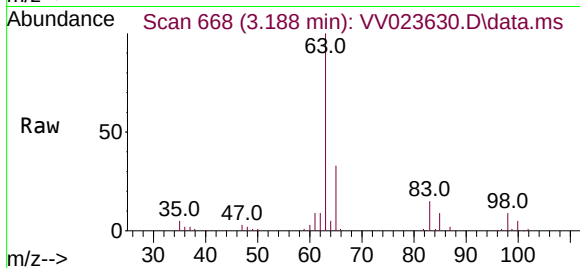
Tgt Ion: 63 Resp: 67617

Ion Ratio Lower Upper

63 100

65 33.4 22.6 42.0

83 15.0 11.1 20.7



#21

2-Butanone

Concen: 36.802 ug/L

RT: 3.992 min Scan# 918

Delta R.T. 0.010 min

Lab File: VV023630.D

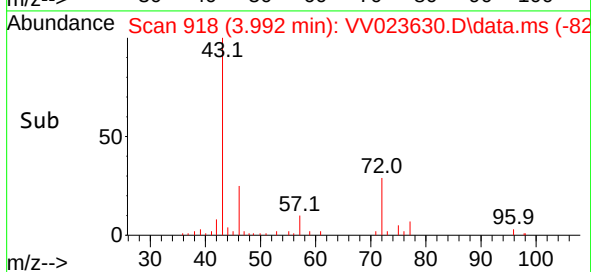
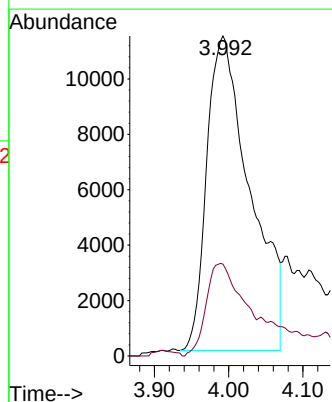
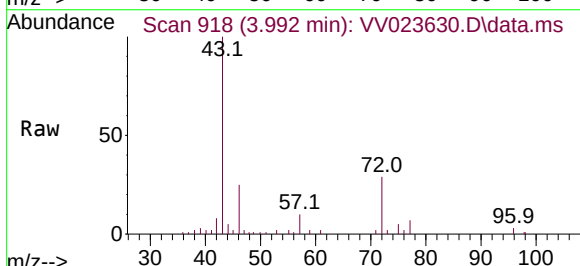
Acq: 19 Nov 2021 01:38

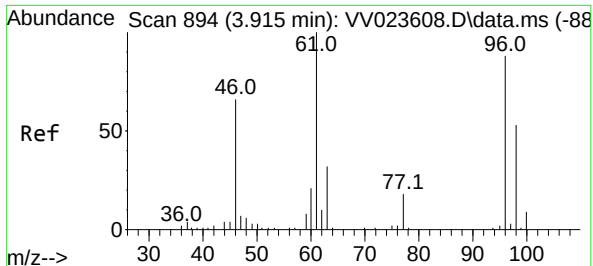
Tgt Ion: 43 Resp: 46073

Ion Ratio Lower Upper

43 100

72 24.3 11.9 35.9





#22

cis-1,2-Dichloroethene

Concen: 4.653 ug/L

RT: 3.912 min Scan# 894

Delta R.T. -0.003 min

Lab File: VV023630.D

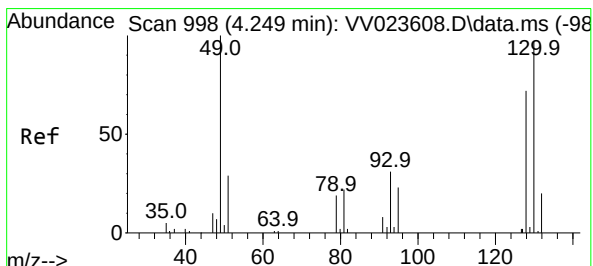
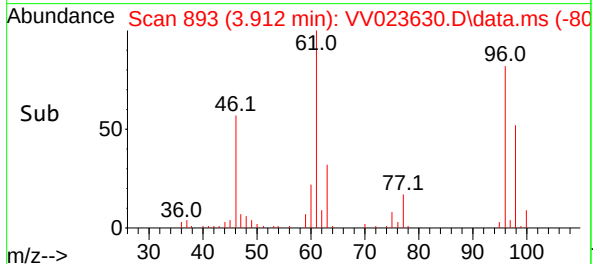
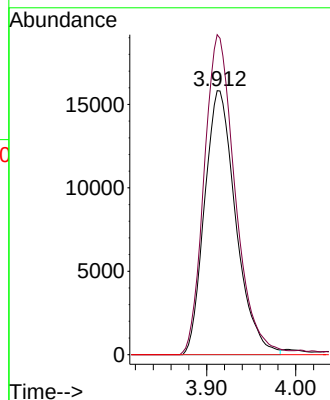
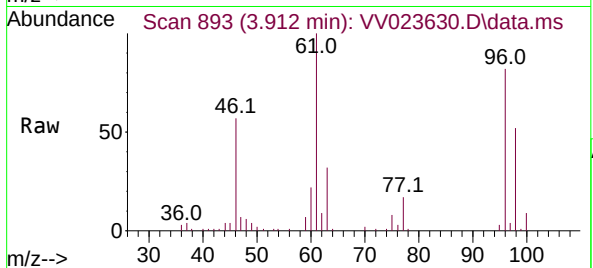
Acq: 19 Nov 2021 01:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	96	Resp:	38546
Ion	Ratio	Lower	Upper
96	100		
61	121.2	92.3	171.3
68	0.0	0.4	0.8



#23

Bromochloromethane

Concen: 4.845 ug/L

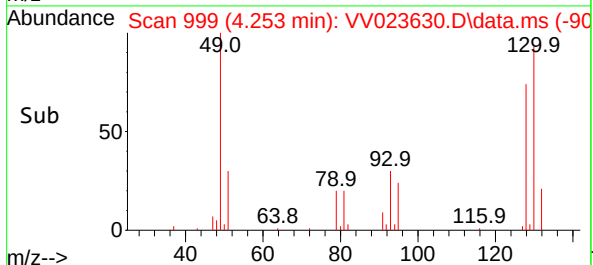
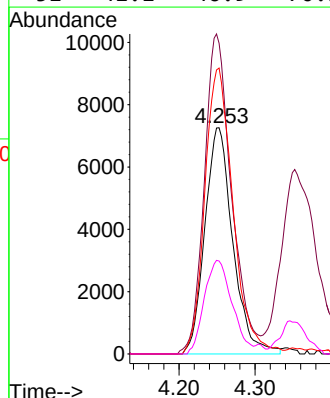
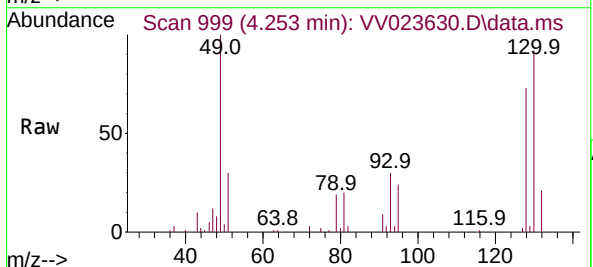
RT: 4.253 min Scan# 999

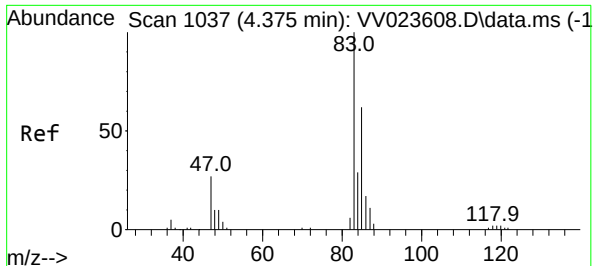
Delta R.T. 0.003 min

Lab File: VV023630.D

Acq: 19 Nov 2021 01:38

Tgt Ion:	128	Resp:	18508
Ion	Ratio	Lower	Upper
128	100		
49	137.4	126.1	234.3
130	126.4	95.2	176.8
51	41.1	46.9	70.3





#25

Chloroform

Concen: 5.012 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VV023630.D

Acq: 19 Nov 2021 01:38

Instrument :

MSVOA_V

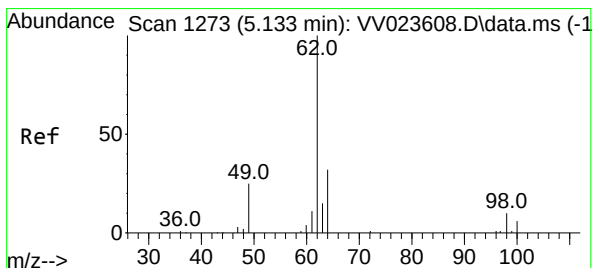
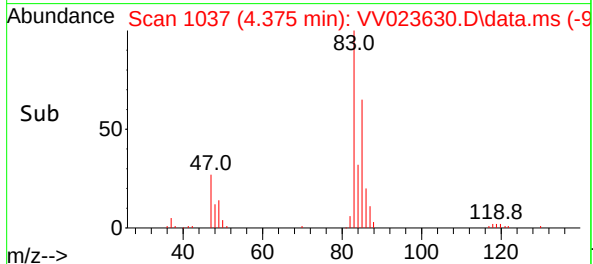
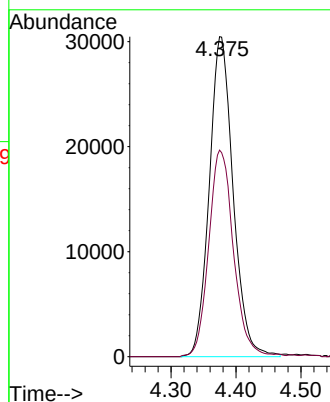
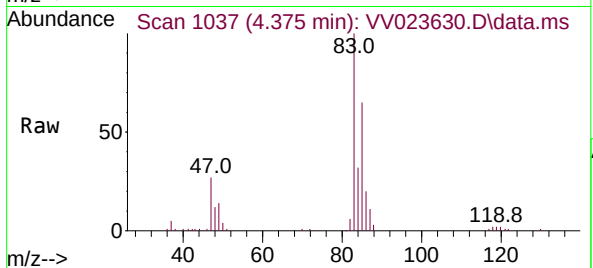
ClientSampleId :

Tgt Ion: 83 Resp: 77636

Ion Ratio Lower Upper

83 100

85 64.6 46.8 86.8



#27

1,2-Dichloroethane

Concen: 4.843 ug/L

RT: 5.134 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VV023630.D

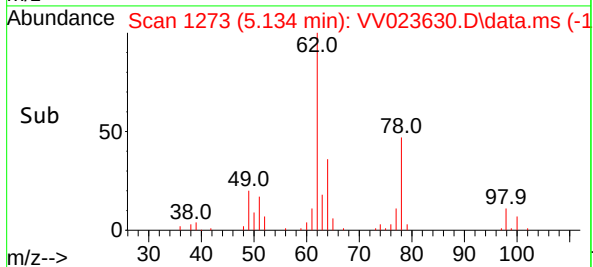
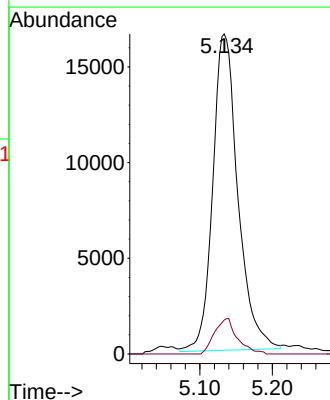
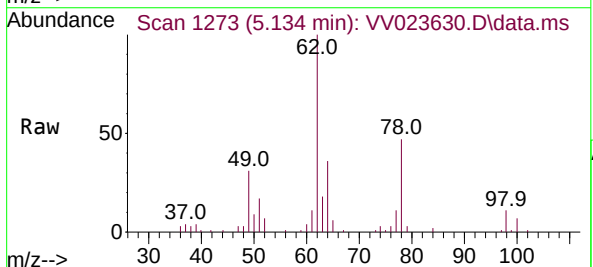
Acq: 19 Nov 2021 01:38

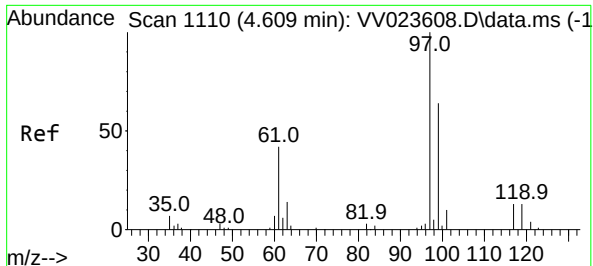
Tgt Ion: 62 Resp: 39909

Ion Ratio Lower Upper

62 100

98 10.6 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 4.659 ug/L

RT: 4.606 min Scan# 1110

Delta R.T. -0.003 min

Lab File: VV023630.D

Acq: 19 Nov 2021 01:38

Instrument :

MSVOA_V

ClientSampleId :

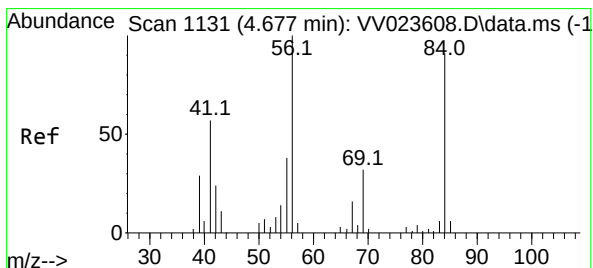
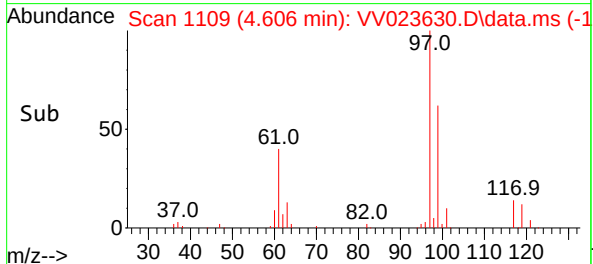
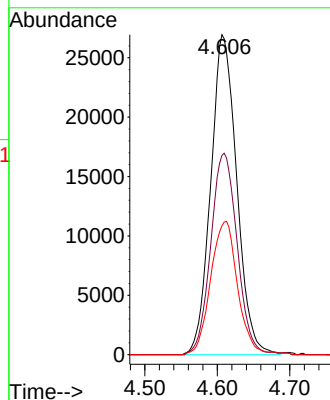
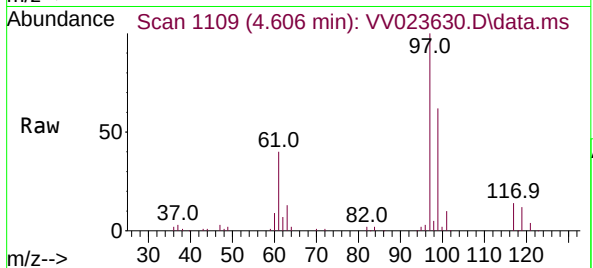
Tgt Ion: 97 Resp: 67097

Ion Ratio Lower Upper

97 100

99 63.8 51.0 76.4

61 43.3 34.1 51.1



#30

Cyclohexane

Concen: 4.014 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VV023630.D

Acq: 19 Nov 2021 01:38

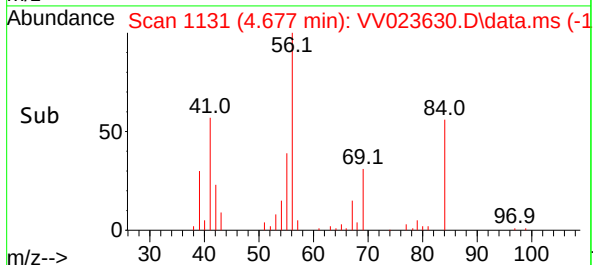
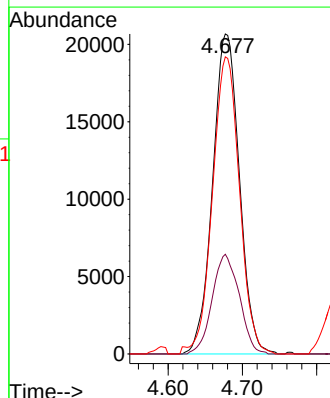
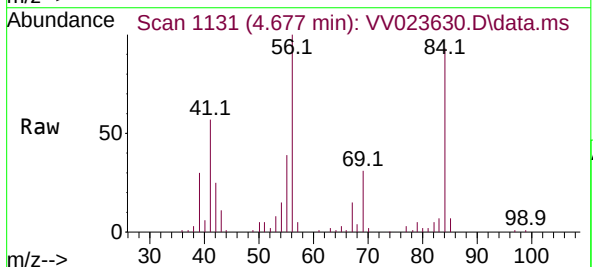
Tgt Ion: 56 Resp: 51797

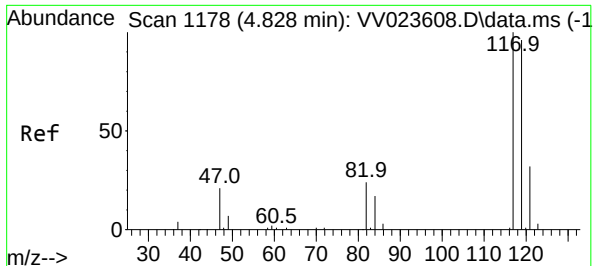
Ion Ratio Lower Upper

56 100

69 31.5 23.5 35.3

84 93.6 71.6 107.4

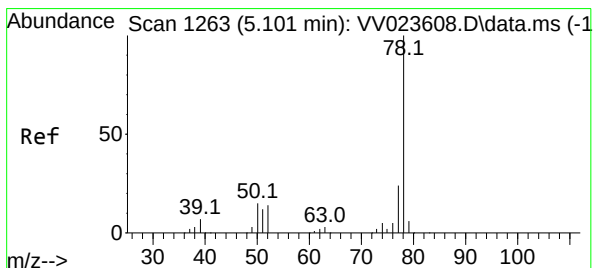
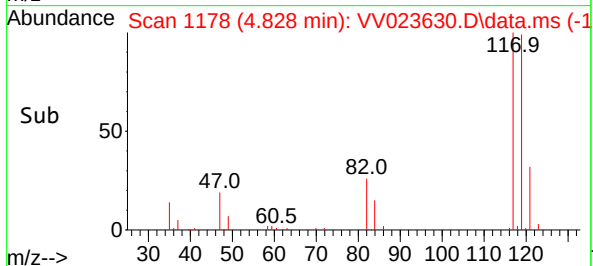
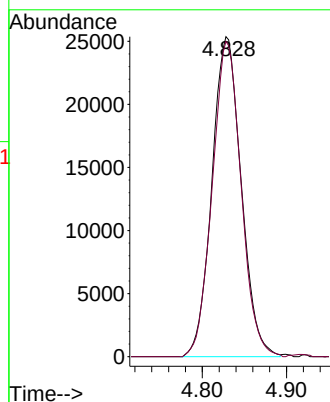
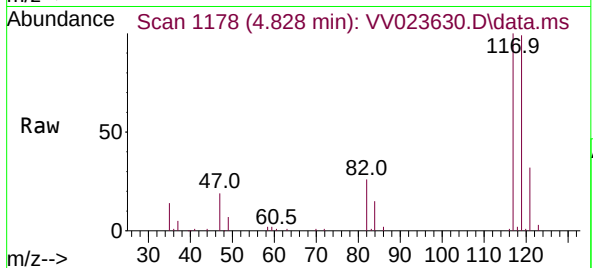




#31
Carbon tetrachloride
Concen: 4.727 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV023630.D
Acq: 19 Nov 2021 01:38

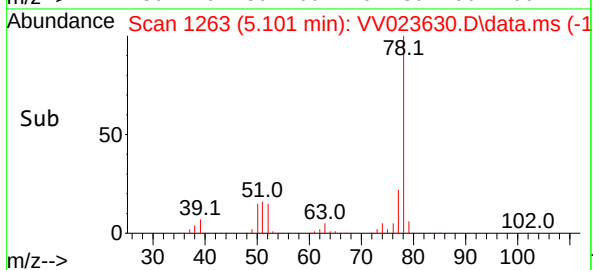
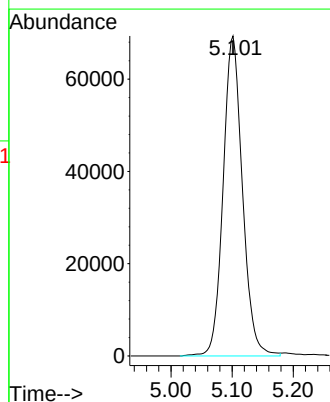
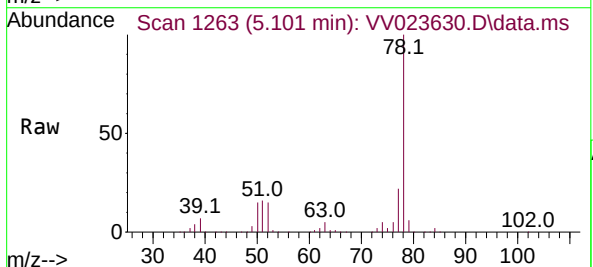
Instrument :
MSVOA_V
ClientSampleId :

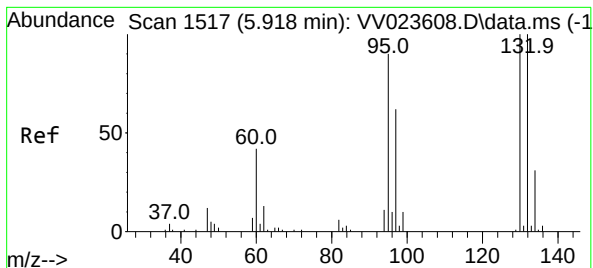
Tgt Ion:117 Resp: 61141
Ion Ratio Lower Upper
117 100
119 97.0 78.8 118.2



#33
Benzene
Concen: 4.595 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV023630.D
Acq: 19 Nov 2021 01:38

Tgt Ion: 78 Resp: 152303





#34

Trichloroethene

Concen: 4.481 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. -0.003 min

Lab File: VV023630.D

Acq: 19 Nov 2021 01:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 39498

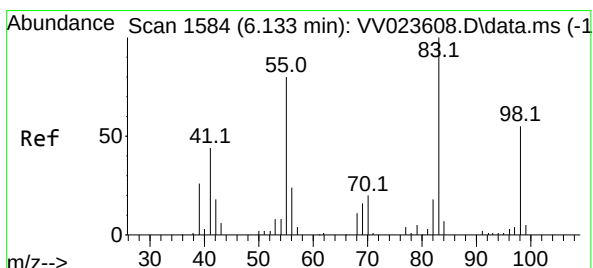
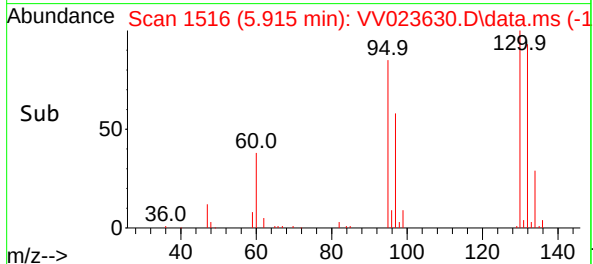
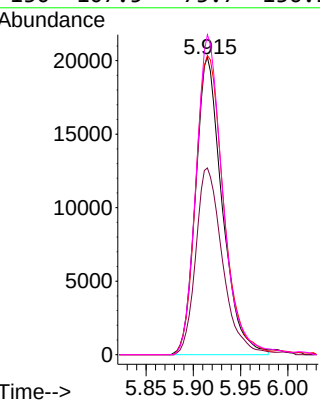
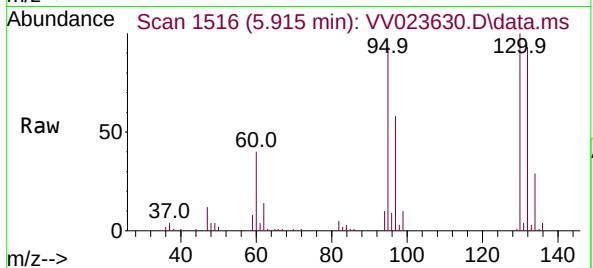
Ion Ratio Lower Upper

95 100

97 62.8 45.0 83.6

132 100.6 69.7 129.4

130 107.5 73.7 136.9



#35

Methylcyclohexane

Concen: 4.136 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.000 min

Lab File: VV023630.D

Acq: 19 Nov 2021 01:38

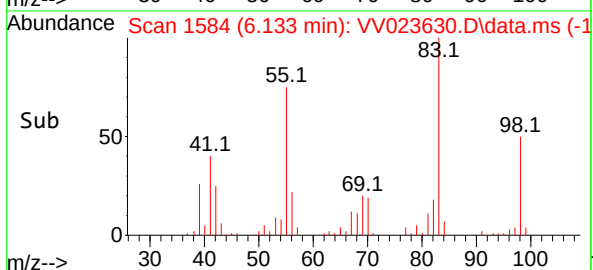
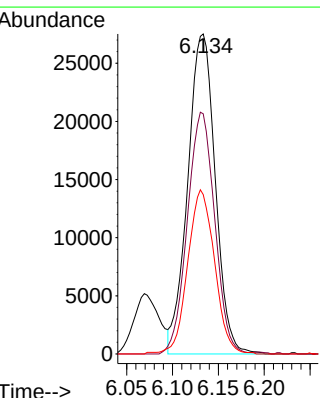
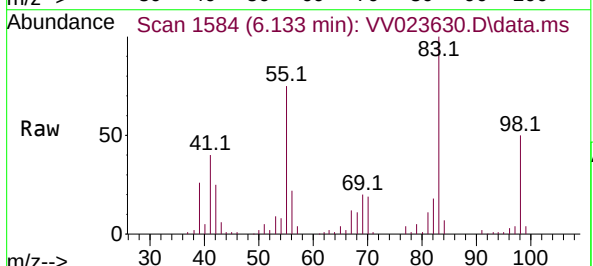
Tgt Ion: 83 Resp: 57538

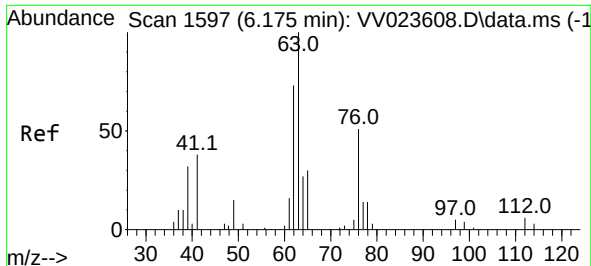
Ion Ratio Lower Upper

83 100

55 75.0 62.8 94.2

98 50.1 37.9 56.9





#37

1,2-Dichloropropane

Concen: 4.781 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV023630.D

Acq: 19 Nov 2021 01:38

Instrument :

MSVOA_V

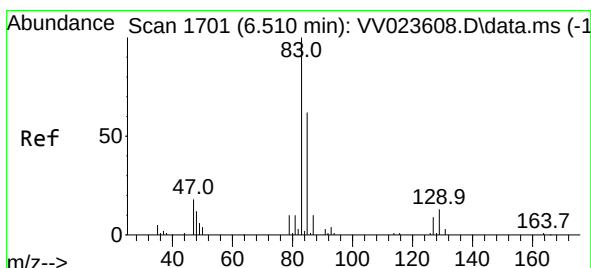
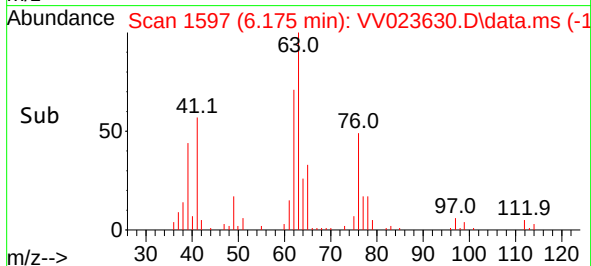
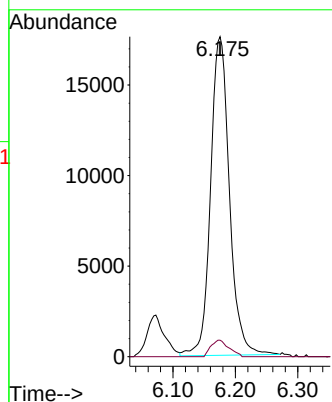
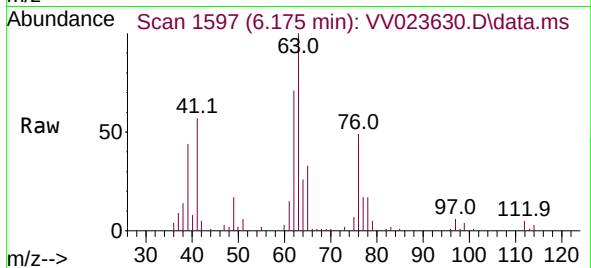
ClientSampleId :

Tgt Ion: 63 Resp: 36993

Ion Ratio Lower Upper

63 100

112 4.9 4.6 6.8



#38

Bromodichloromethane

Concen: 4.781 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV023630.D

Acq: 19 Nov 2021 01:38

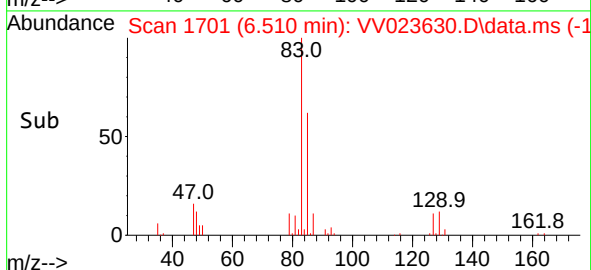
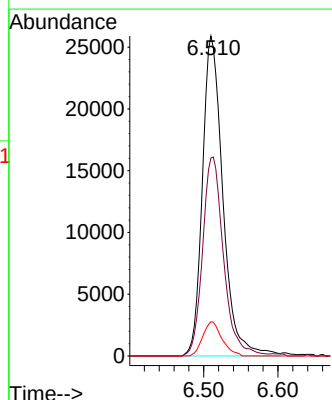
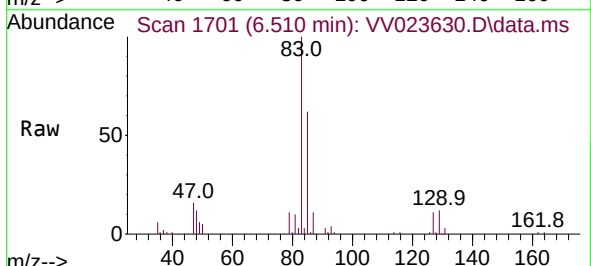
Tgt Ion: 83 Resp: 49575

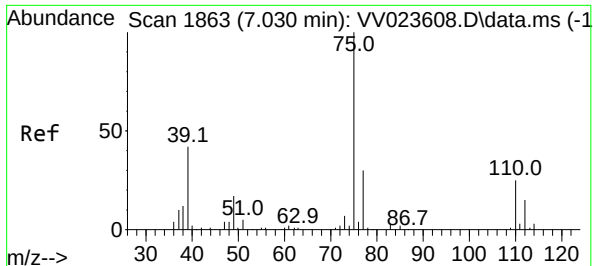
Ion Ratio Lower Upper

83 100

85 61.9 46.1 85.7

127 10.7 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.372 ug/L

RT: 7.031 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV023630.D

Acq: 19 Nov 2021 01:38

Instrument :

MSVOA_V

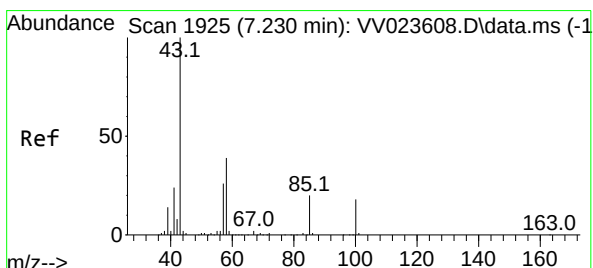
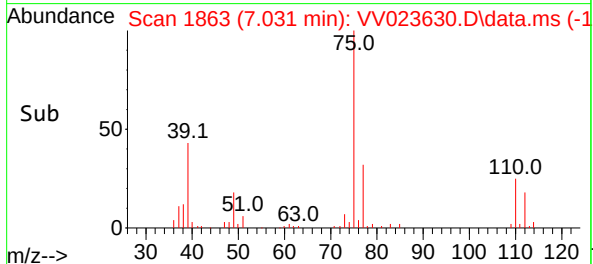
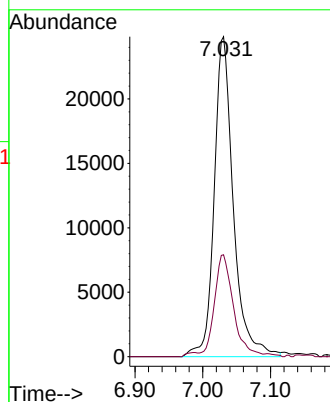
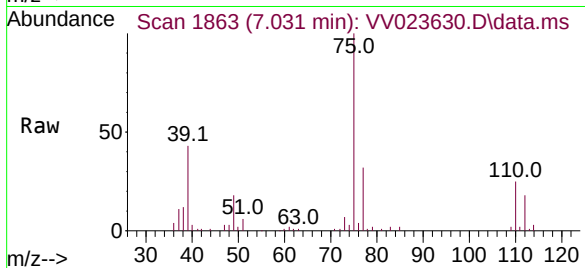
ClientSampleId :

Tgt Ion: 75 Resp: 48656

Ion Ratio Lower Upper

75 100

77 31.9 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 52.111 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.003 min

Lab File: VV023630.D

Acq: 19 Nov 2021 01:38

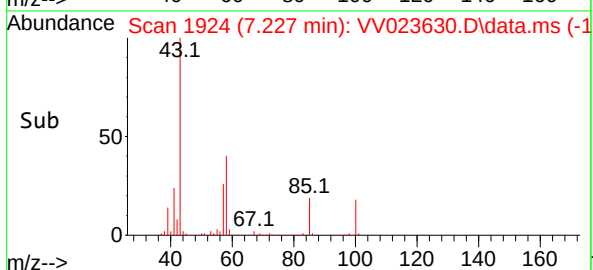
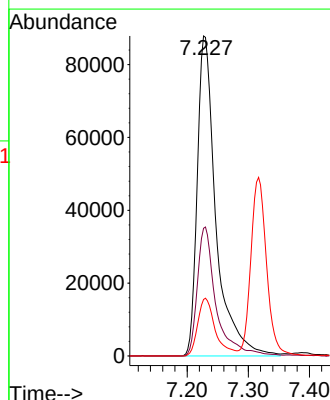
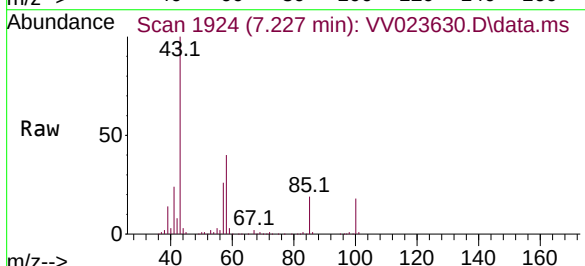
Tgt Ion: 43 Resp: 187001

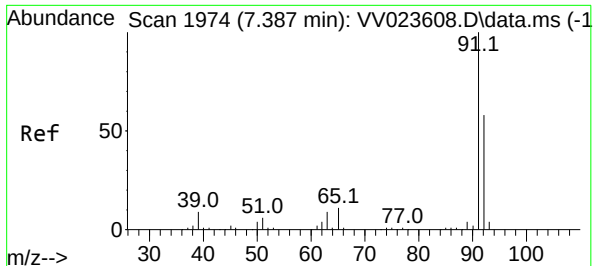
Ion Ratio Lower Upper

43 100

58 40.2 31.1 46.7

100 16.9 12.6 19.0





#42

Toluene

Concen: 4.792 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV023630.D

Acq: 19 Nov 2021 01:38

Instrument :

MSVOA_V

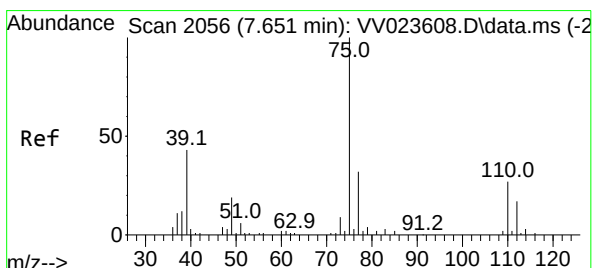
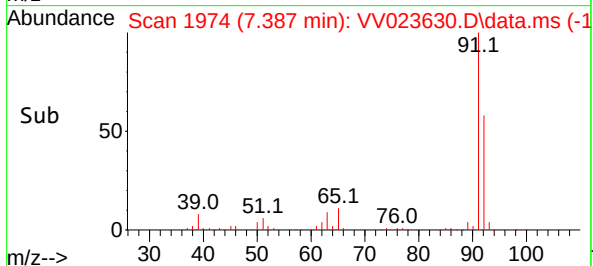
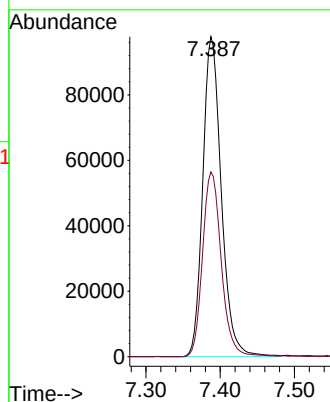
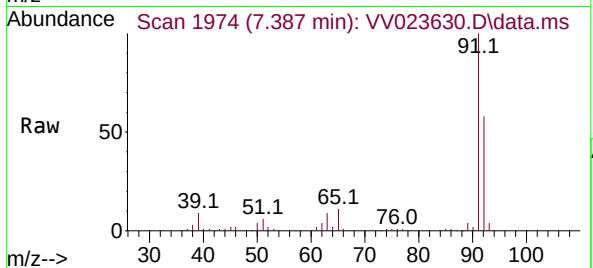
ClientSampleId :

Tgt Ion: 91 Resp: 169887

Ion Ratio Lower Upper

91 100

92 57.7 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 4.629 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV023630.D

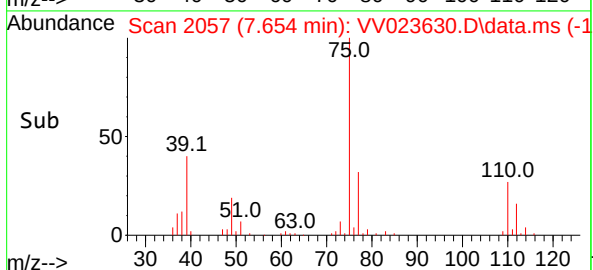
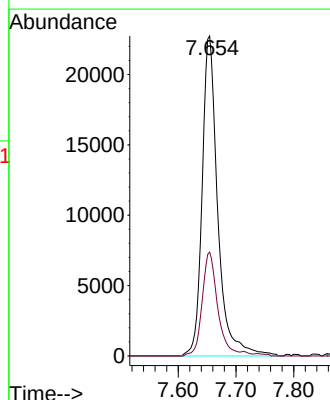
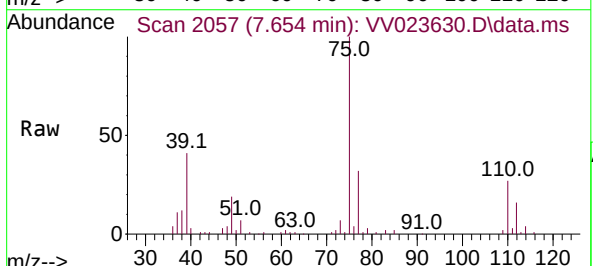
Acq: 19 Nov 2021 01:38

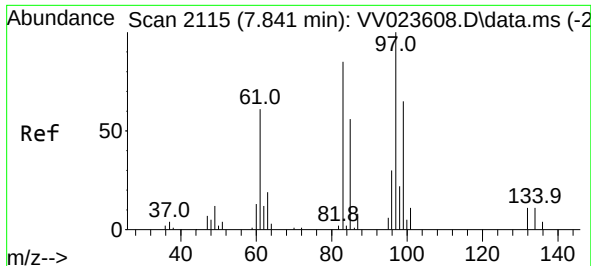
Tgt Ion: 75 Resp: 42748

Ion Ratio Lower Upper

75 100

77 32.5 22.5 41.7

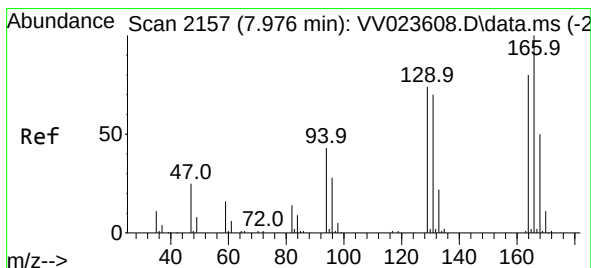
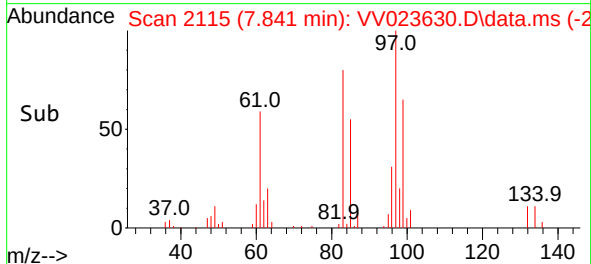
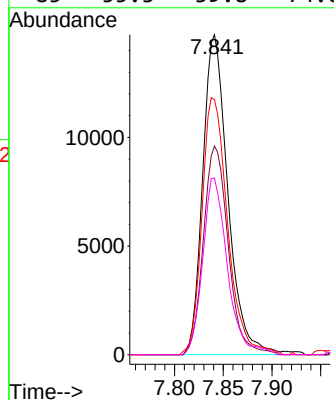
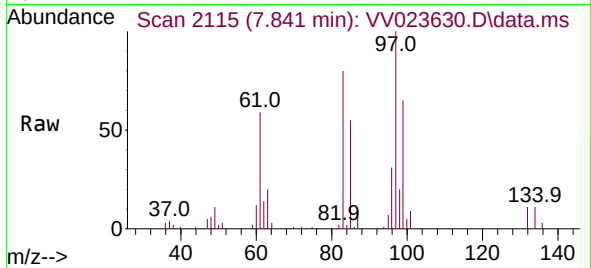




#45
1,1,2-Trichloroethane
Concen: 4.752 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV023630.D
Acq: 19 Nov 2021 01:38

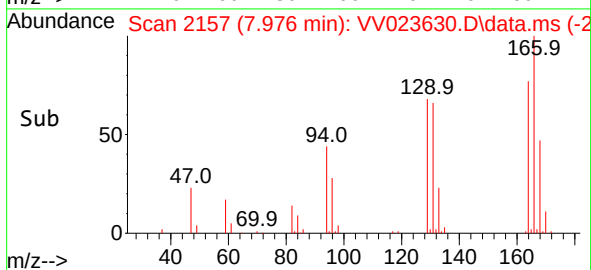
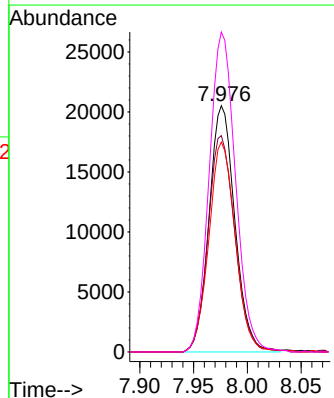
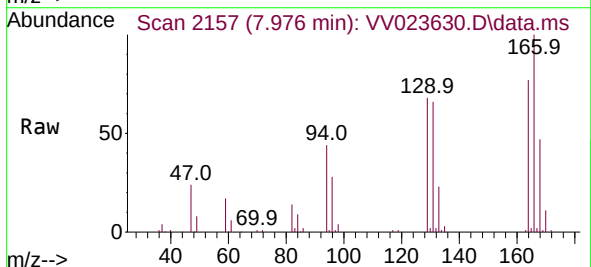
Instrument :
MSVOA_V
ClientSampleId :

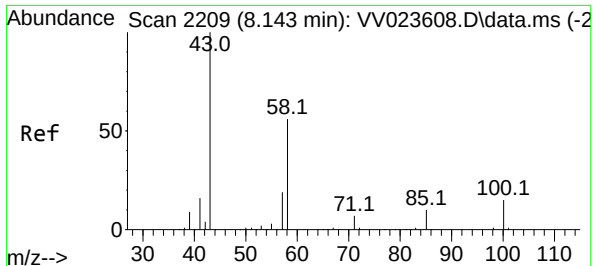
Tgt Ion: 97	Resp: 26417
Ion Ratio	Lower Upper
97 100	
99 65.2	43.6 81.0
83 79.7	58.4 108.4
85 55.3	39.8 74.0



#47
Tetrachloroethene
Concen: 4.489 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV023630.D
Acq: 19 Nov 2021 01:38

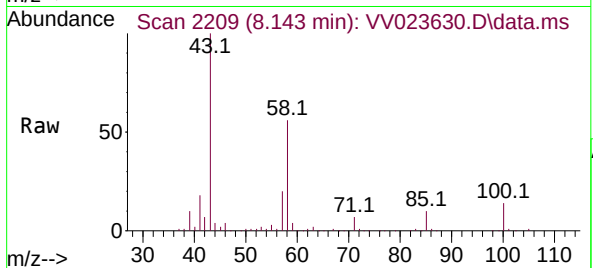
Tgt Ion:164	Resp: 34286
Ion Ratio	Lower Upper
164 100	
129 87.9	64.0 119.0
131 85.3	63.4 117.8
166 130.0	89.3 165.9



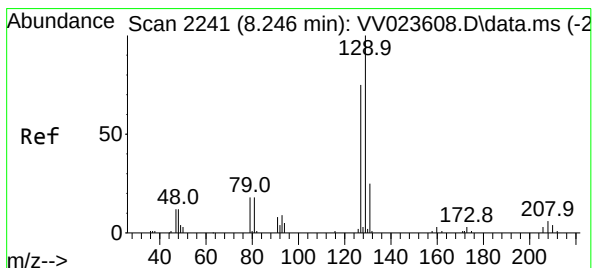
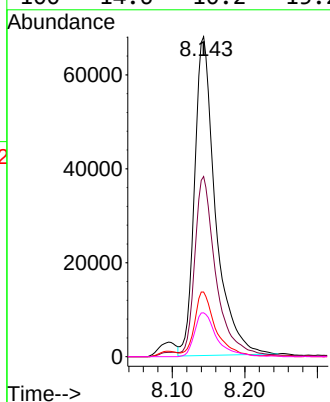
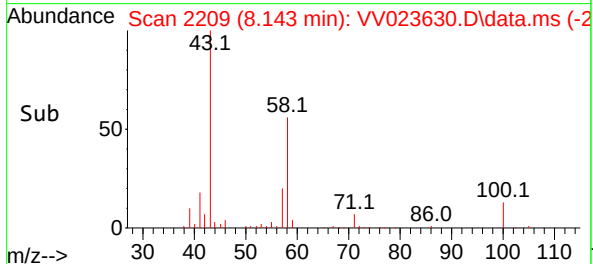


#48
2-Hexanone
Concen: 54.214 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023630.D
Acq: 19 Nov 2021 01:38

Instrument :
MSVOA_V
ClientSampleId :

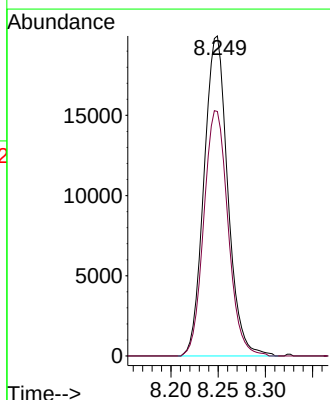
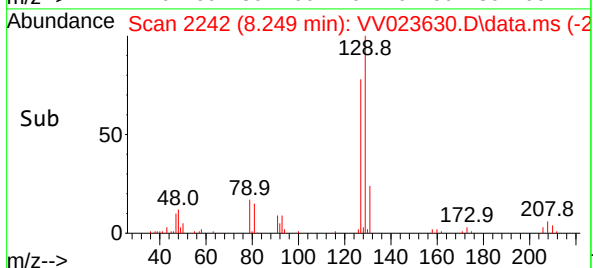
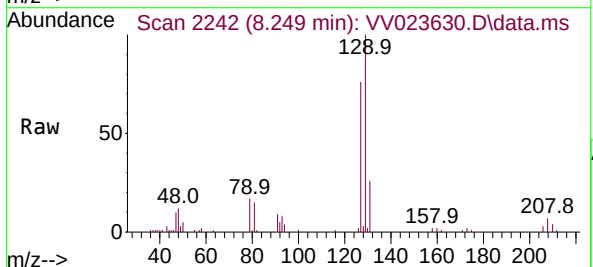


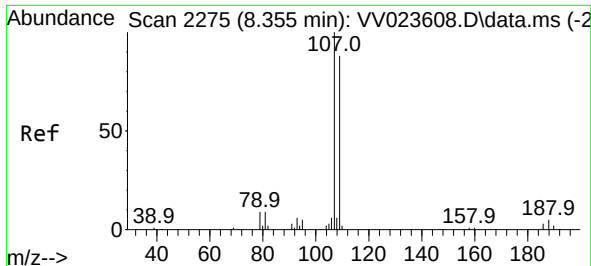
Tgt Ion: 43 Resp: 136323
Ion Ratio Lower Upper
43 100
58 57.0 43.7 65.5
57 19.8 14.1 21.1
100 14.6 10.2 15.2



#49
Dibromochloromethane
Concen: 4.956 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV023630.D
Acq: 19 Nov 2021 01:38

Tgt Ion:129 Resp: 34914
Ion Ratio Lower Upper
129 100
127 76.4 54.7 101.7





#50

1,2-Dibromoethane

Concen: 4.872 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV023630.D

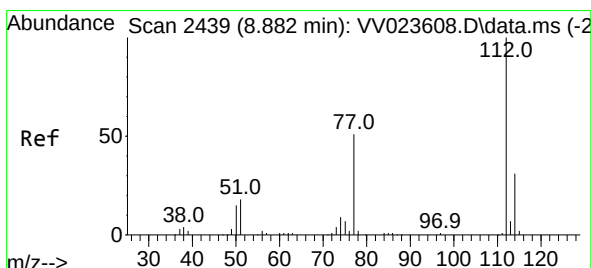
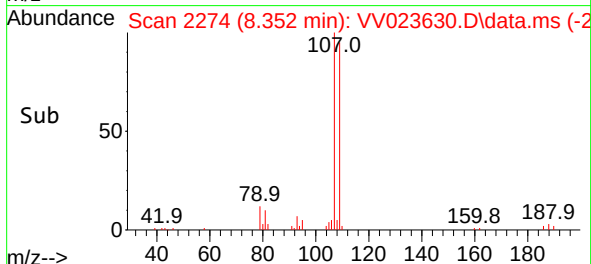
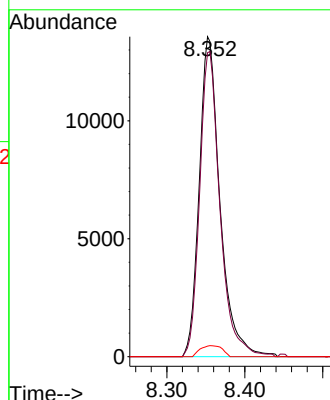
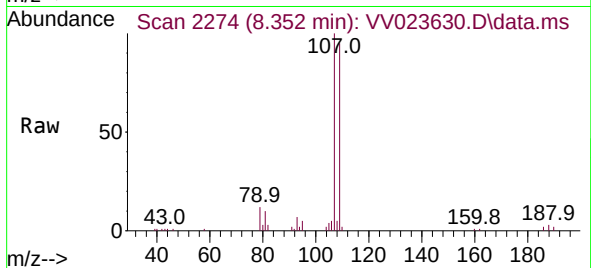
Acq: 19 Nov 2021 01:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	25099
Ion Ratio	Lower	Upper
107	100	
109	95.0	64.7 120.1
188	3.3	3.6 5.4#



#51

Chlorobenzene

Concen: 4.638 ug/L

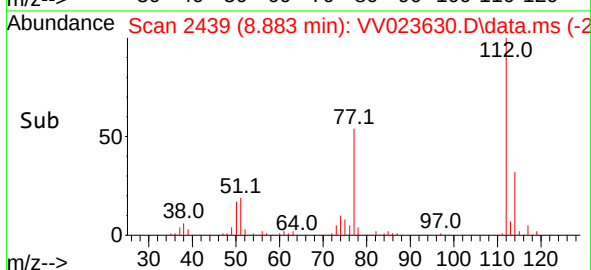
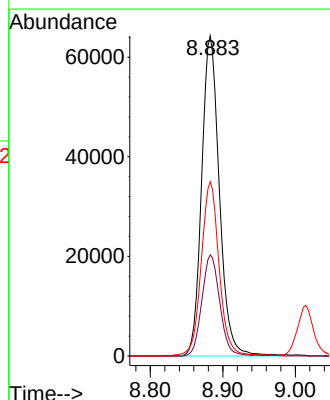
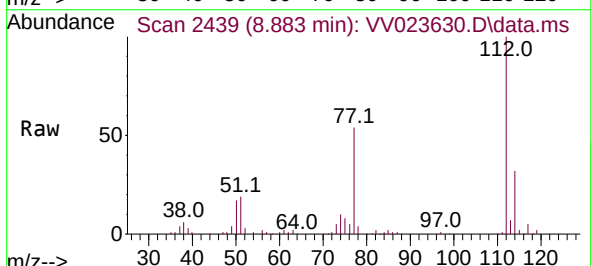
RT: 8.883 min Scan# 2439

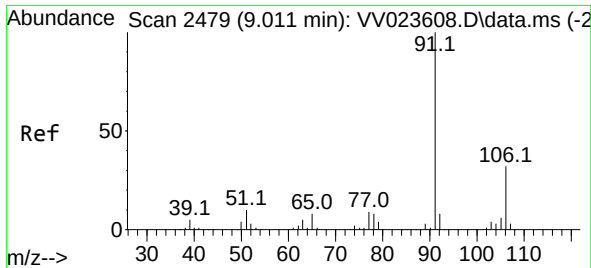
Delta R.T. 0.000 min

Lab File: VV023630.D

Acq: 19 Nov 2021 01:38

Tgt Ion:112	Resp:	109277
Ion Ratio	Lower	Upper
112	100	
114	31.6	22.0 40.8
77	54.5	44.4 66.6

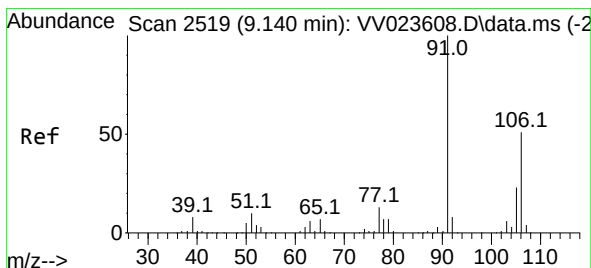
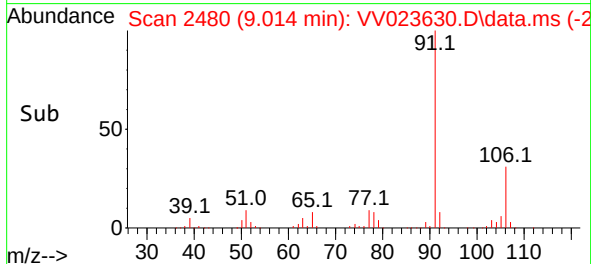
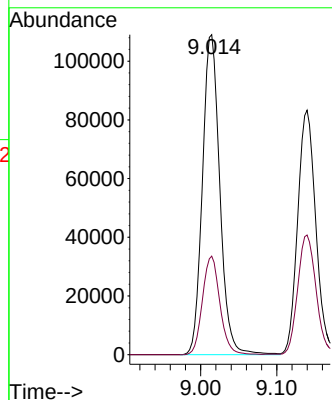
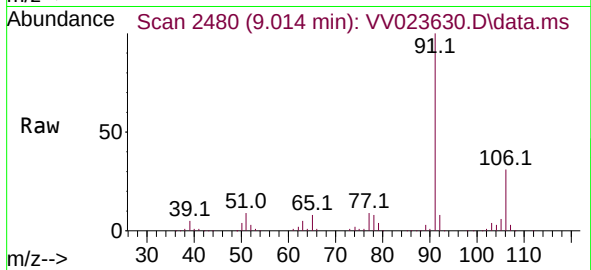




#52
Ethylbenzene
Concen: 4.632 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV023630.D
Acq: 19 Nov 2021 01:38

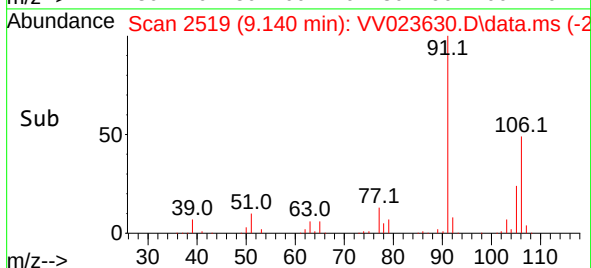
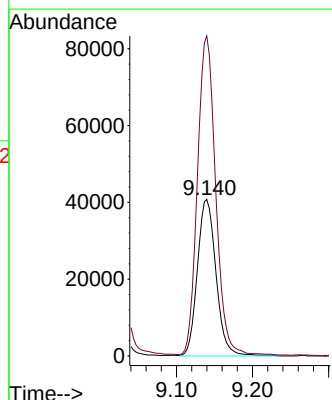
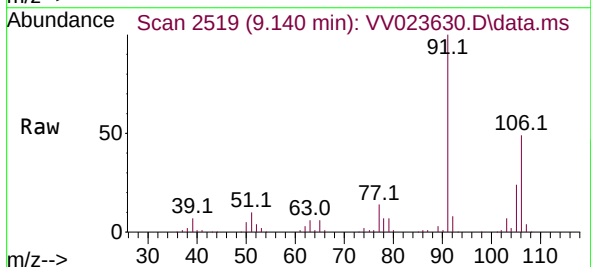
Instrument :
MSVOA_V
ClientSampleId :

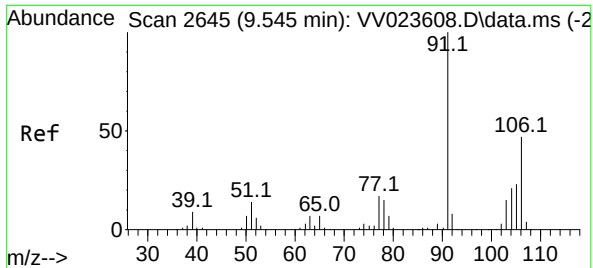
Tgt Ion: 91 Resp: 173167
Ion Ratio Lower Upper
91 100
106 30.8 22.5 41.9



#53
m,p-xylene
Concen: 4.729 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV023630.D
Acq: 19 Nov 2021 01:38

Tgt Ion: 106 Resp: 69385
Ion Ratio Lower Upper
106 100
91 204.4 137.2 254.8

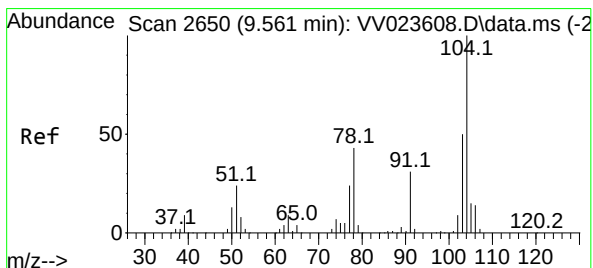
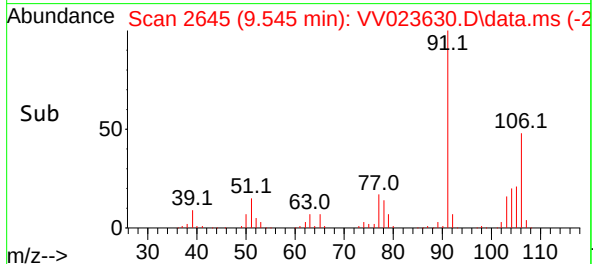
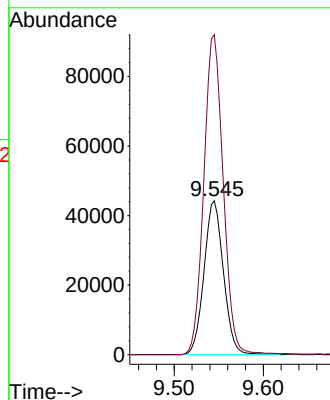
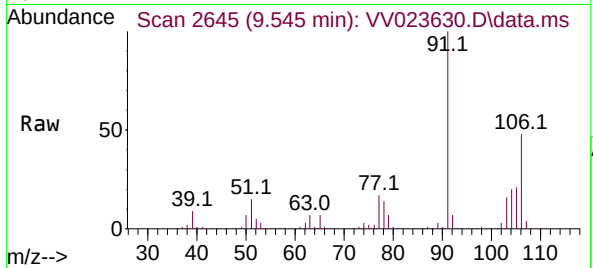




#54
o-xylene
Concen: 4.868 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV023630.D
Acq: 19 Nov 2021 01:38

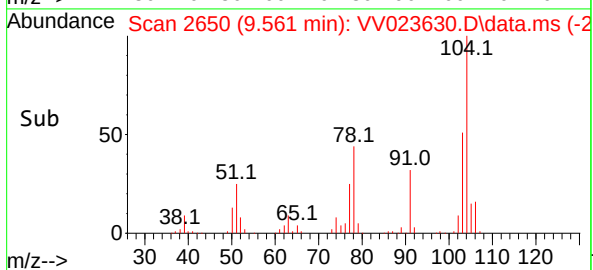
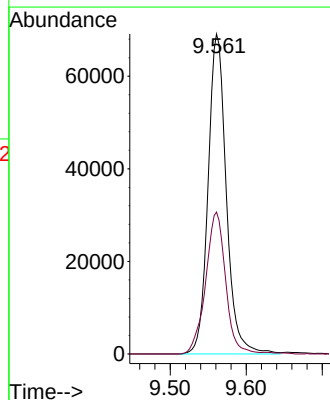
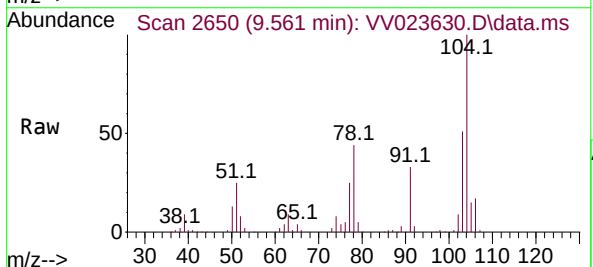
Instrument :
MSVOA_V
ClientSampleId :

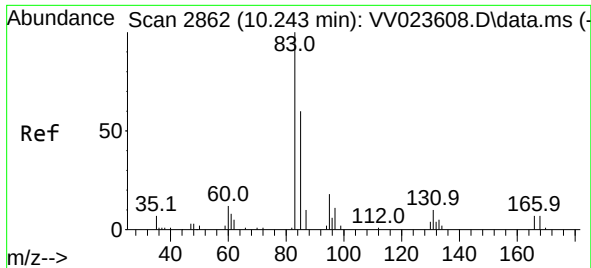
Tgt Ion:106 Resp: 67010
Ion Ratio Lower Upper
106 100
91 207.9 148.3 275.5



#55
Styrene
Concen: 4.883 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV023630.D
Acq: 19 Nov 2021 01:38

Tgt Ion:104 Resp: 115145
Ion Ratio Lower Upper
104 100
78 44.4 29.3 54.3

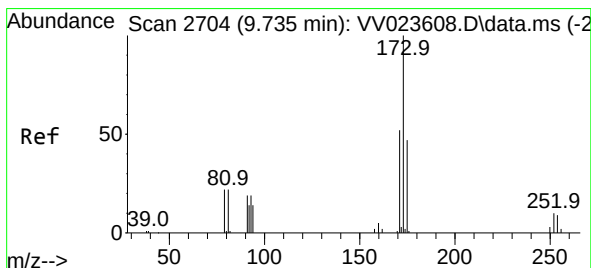
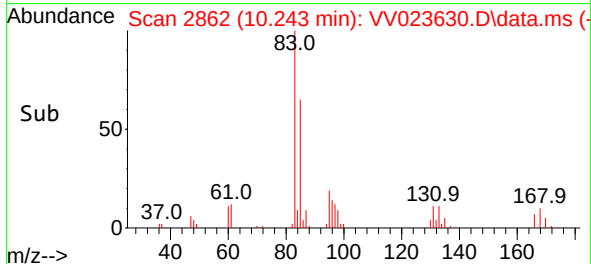
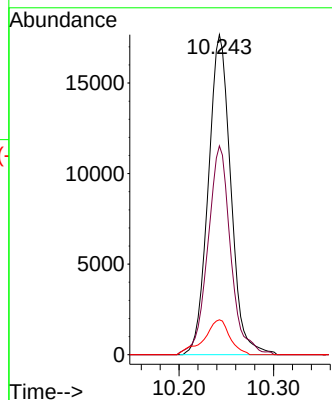
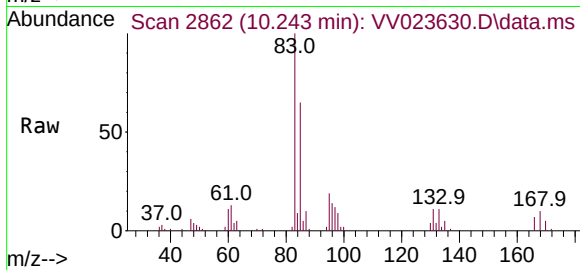




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.791 ug/L
 RT: 10.243 min Scan# 2862
 Delta R.T. 0.000 min
 Lab File: VV023630.D
 Acq: 19 Nov 2021 01:38

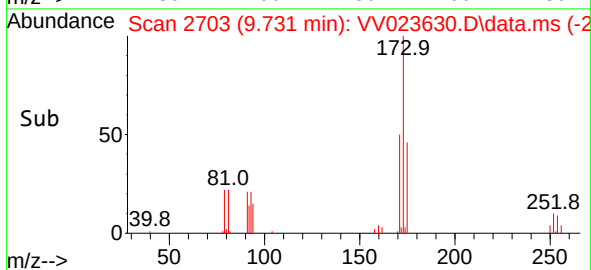
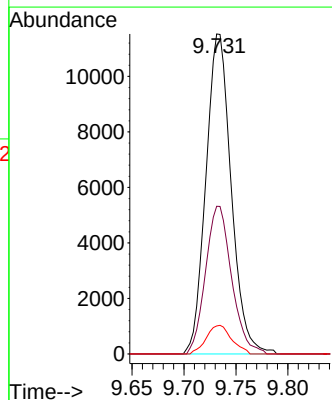
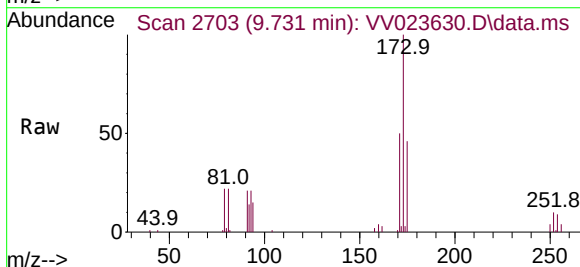
Instrument :
 MSVOA_V
 ClientSampleId :

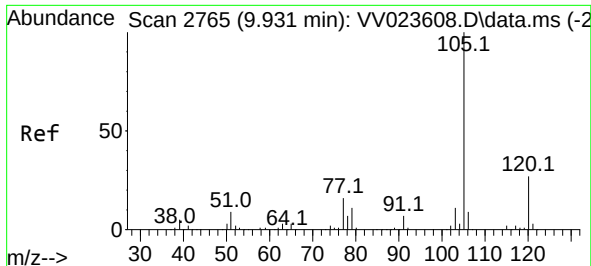
Tgt Ion: 83	Resp:	29181
Ion Ratio	Lower	Upper
83	100	
85	65.3	45.1 83.9
131	10.9	7.8 11.6



#59
 Bromoform
 Concen: 5.043 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. -0.003 min
 Lab File: VV023630.D
 Acq: 19 Nov 2021 01:38

Tgt Ion: 173	Resp:	19509
Ion Ratio	Lower	Upper
173	100	
175	47.5	38.2 57.2
254	8.9	6.2 9.2

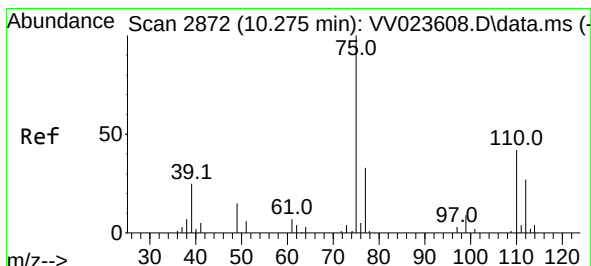
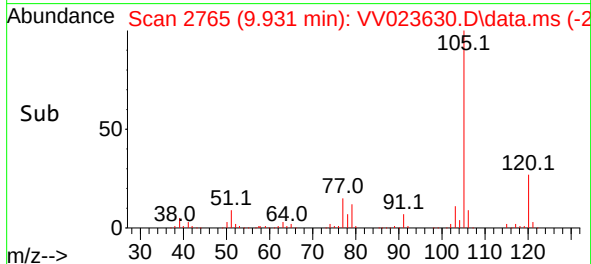
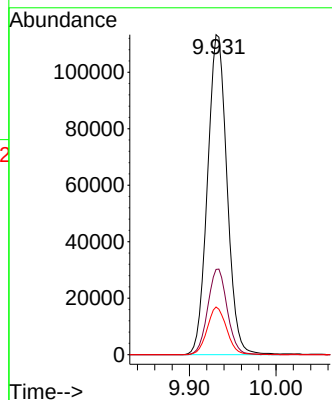
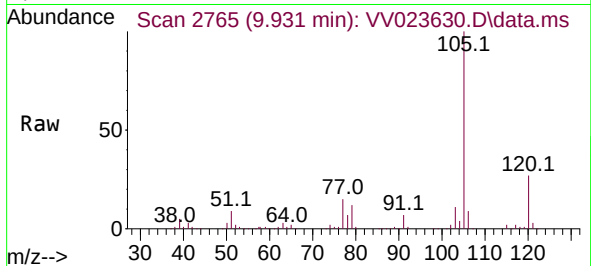




#60
Isopropylbenzene
Concen: 4.766 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023630.D
Acq: 19 Nov 2021 01:38

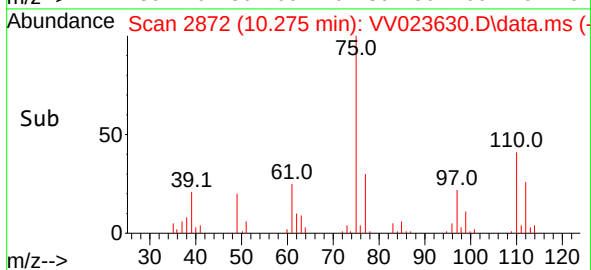
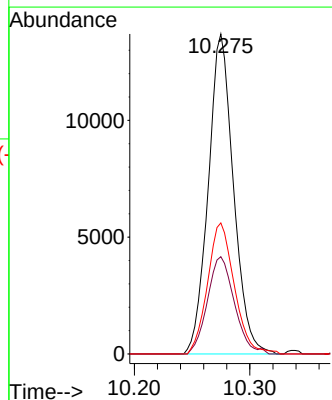
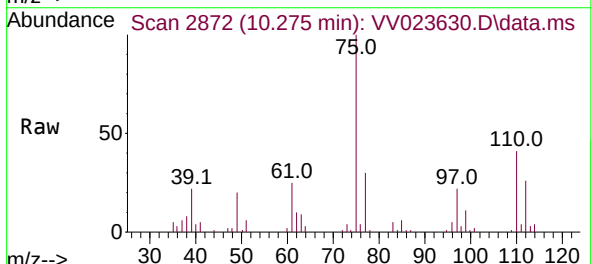
Instrument :
MSVOA_V
ClientSampleId :

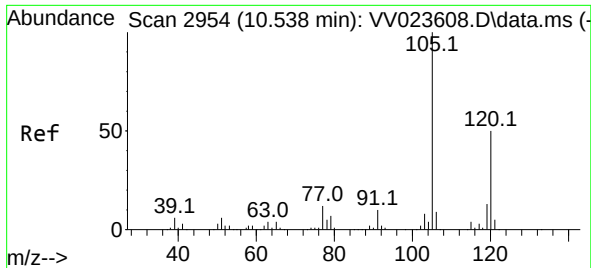
Tgt Ion:105 Resp: 177164
Ion Ratio Lower Upper
105 100
120 26.7 21.7 32.5
77 14.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.827 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV023630.D
Acq: 19 Nov 2021 01:38

Tgt Ion: 75 Resp: 20769
Ion Ratio Lower Upper
75 100
77 32.5 26.6 39.8
110 43.5 31.8 47.6

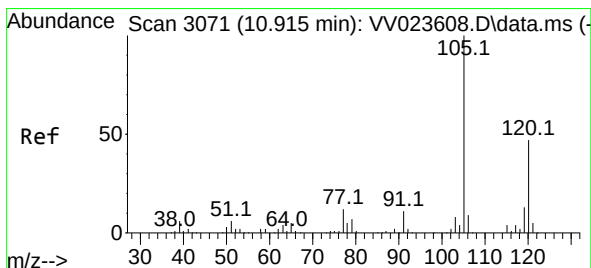
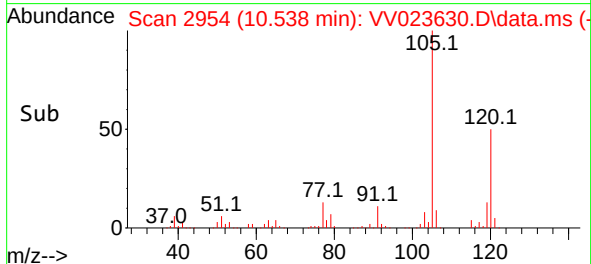
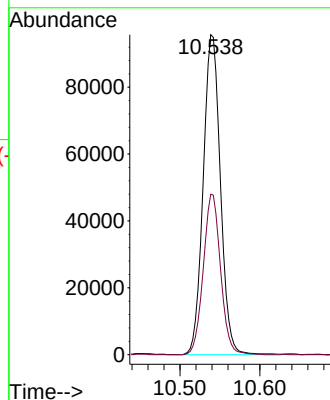
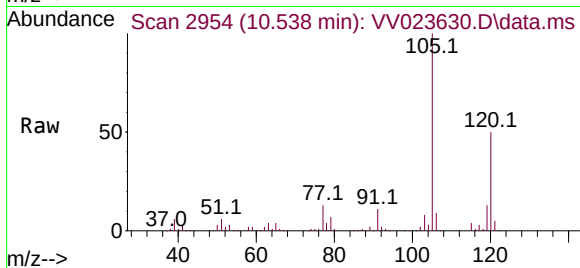




#62
 1,3,5-Trimethylbenzene
 Concen: 4.669 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV023630.D
 Acq: 19 Nov 2021 01:38

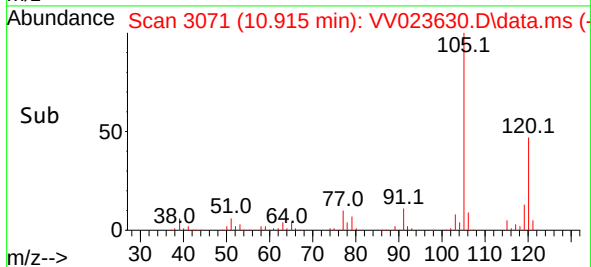
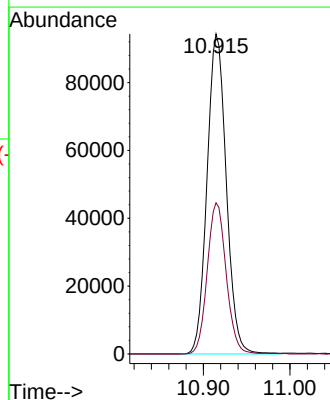
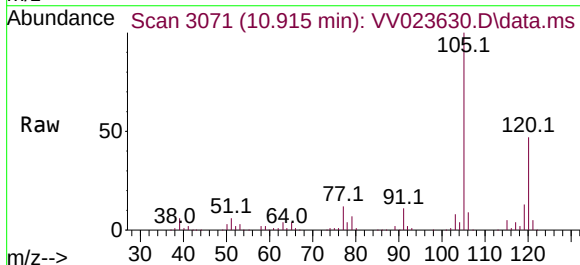
Instrument :
 MSVOA_V
 ClientSampleId :

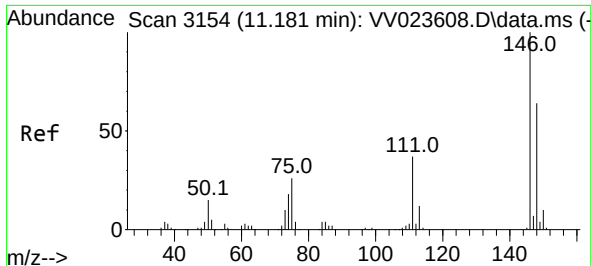
Tgt Ion:105 Resp: 143888
 Ion Ratio Lower Upper
 105 100
 120 50.2 39.7 59.5



#63
 1,2,4-Trimethylbenzene
 Concen: 4.745 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV023630.D
 Acq: 19 Nov 2021 01:38

Tgt Ion:105 Resp: 145541
 Ion Ratio Lower Upper
 105 100
 120 46.6 37.4 56.2

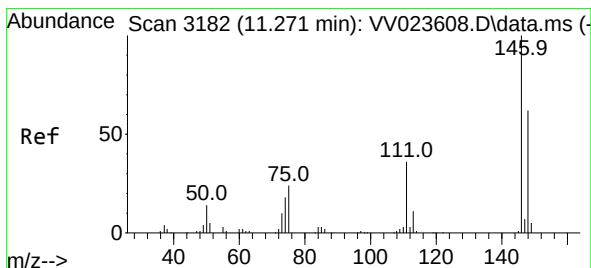
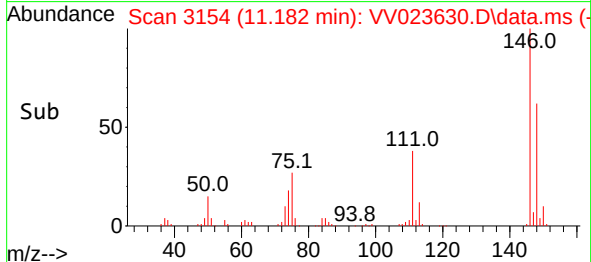
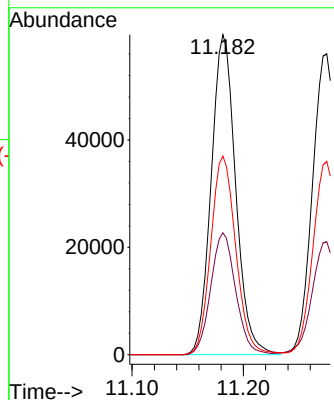
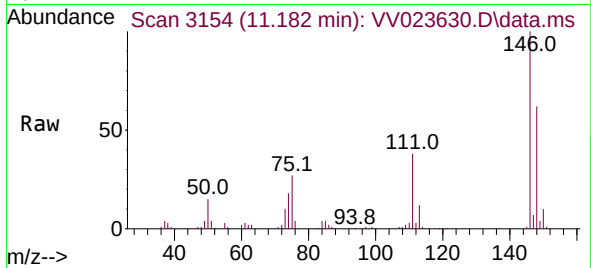




#64
1,3-Dichlorobenzene
Concen: 4.795 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV023630.D
Acq: 19 Nov 2021 01:38

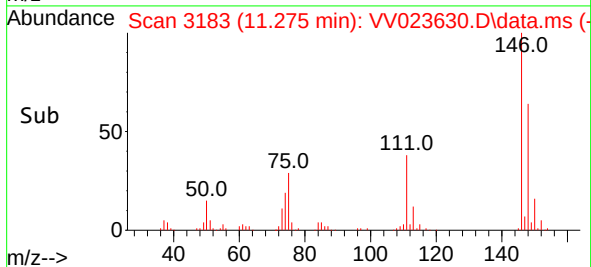
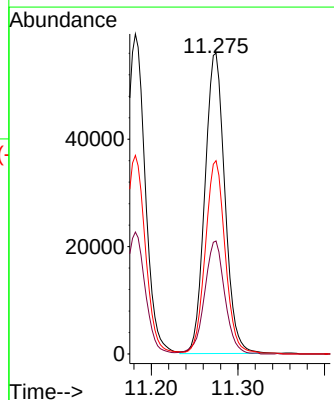
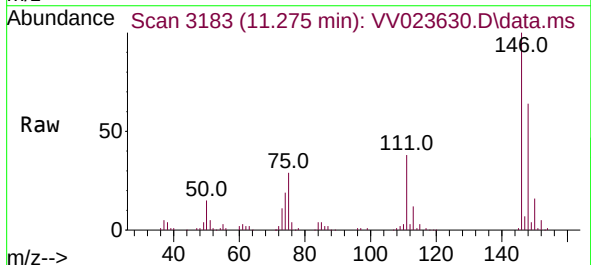
Instrument :
MSVOA_V
ClientSampleId :

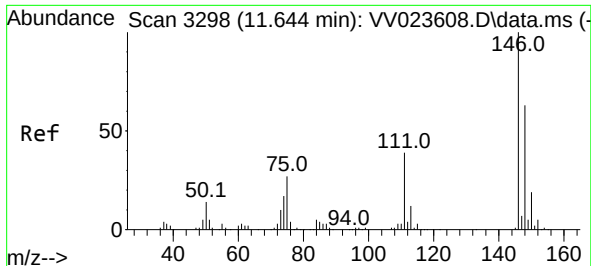
Tgt Ion:146 Resp: 91064
Ion Ratio Lower Upper
146 100
111 38.1 26.7 49.7
148 62.0 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 4.629 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV023630.D
Acq: 19 Nov 2021 01:38

Tgt Ion:146 Resp: 89785
Ion Ratio Lower Upper
146 100
111 37.5 26.2 48.8
148 64.3 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 4.858 ug/L

RT: 11.645 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV023630.D

Acq: 19 Nov 2021 01:38

Instrument :

MSVOA_V

ClientSampleId :

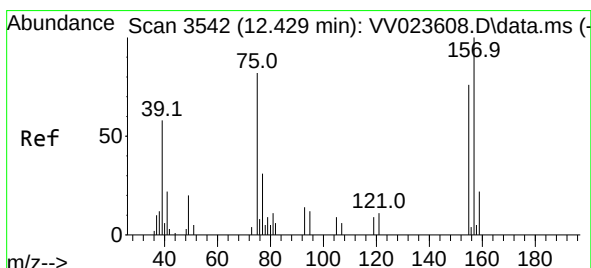
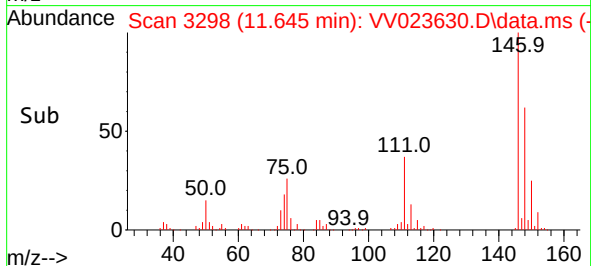
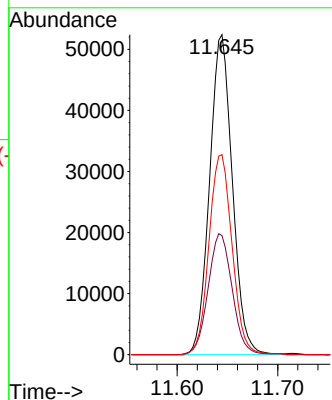
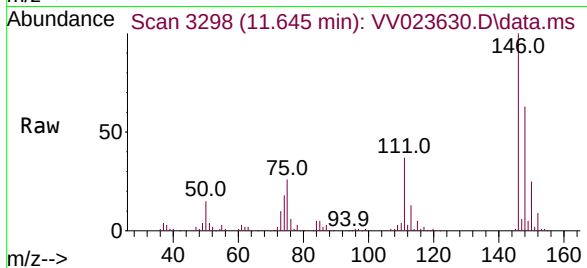
Tgt Ion:146 Resp: 82560

Ion Ratio Lower Upper

146 100

111 37.3 31.6 47.4

148 62.5 51.0 76.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.088 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.000 min

Lab File: VV023630.D

Acq: 19 Nov 2021 01:38

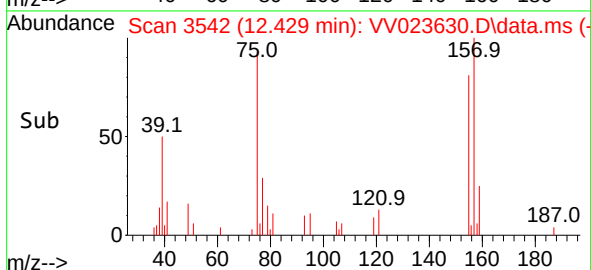
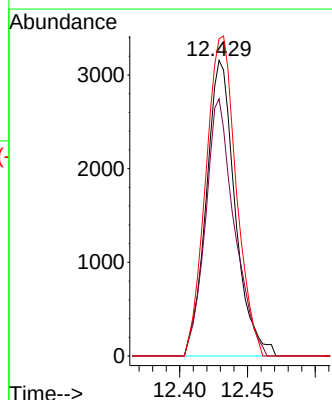
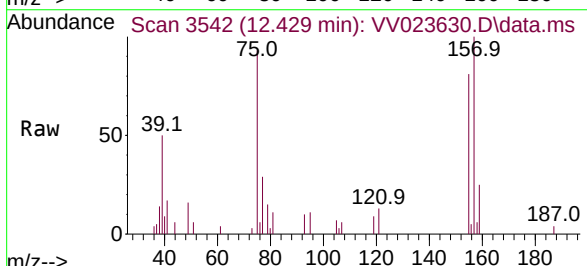
Tgt Ion: 75 Resp: 4664

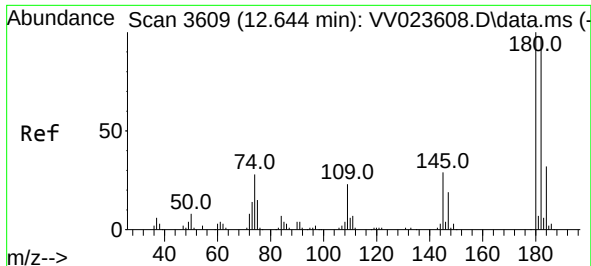
Ion Ratio Lower Upper

75 100

155 87.0 67.7 101.5

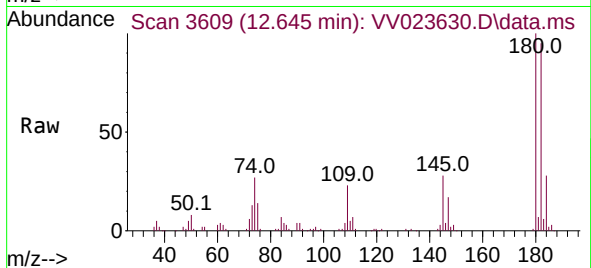
157 107.3 87.9 131.9



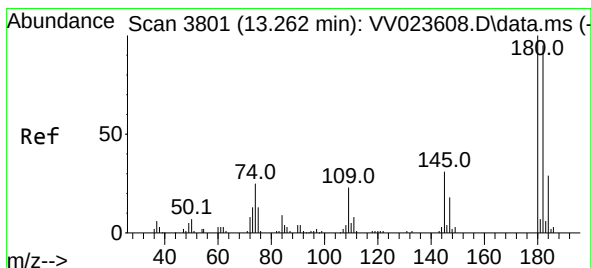
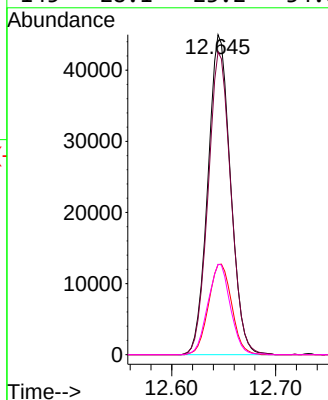
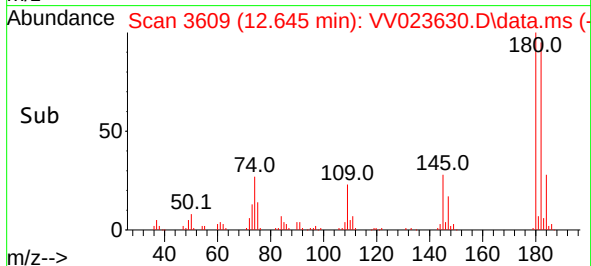


#69
 1,3,5-Trichlorobenzene
 Concen: 4.575 ug/L
 RT: 12.645 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV023630.D
 Acq: 19 Nov 2021 01:38

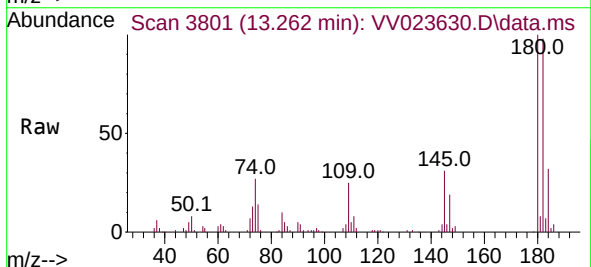
Instrument :
 MSVOA_V
 ClientSampleId :



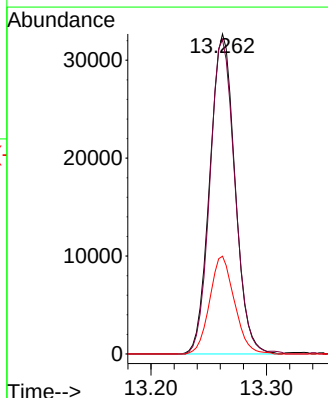
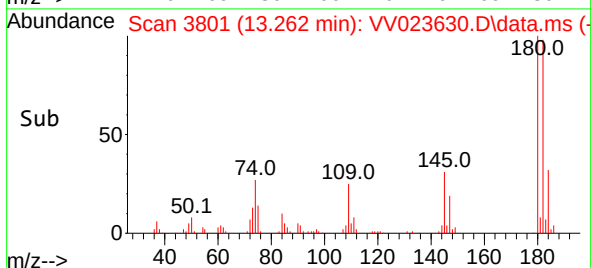
Tgt Ion:180 Resp: 68030
 Ion Ratio Lower Upper
 180 100
 182 95.1 74.9 112.3
 184 28.9 23.8 35.8
 145 28.1 23.2 34.8

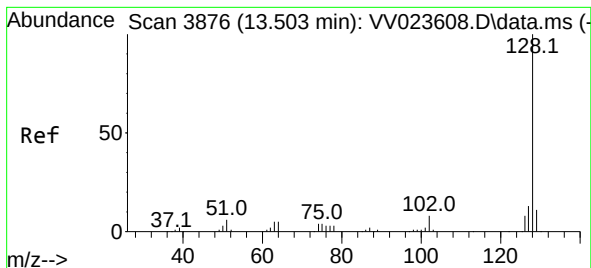


#70
 1,2,4-trichlorobenzene
 Concen: 4.139 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.000 min
 Lab File: VV023630.D
 Acq: 19 Nov 2021 01:38



Tgt Ion:180 Resp: 49288
 Ion Ratio Lower Upper
 180 100
 182 97.7 76.9 115.3
 145 30.2 24.4 36.6





#71

Naphthalene

Concen: 4.011 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.000 min

Lab File: VV023630.D

Acq: 19 Nov 2021 01:38

Instrument :

MSVOA_V

ClientSampleId :

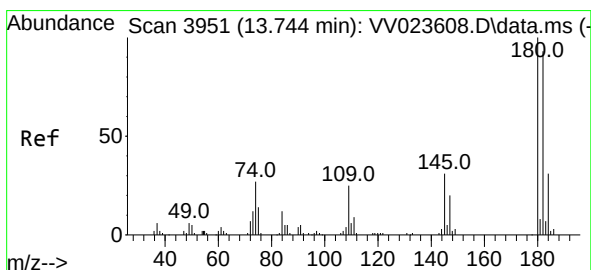
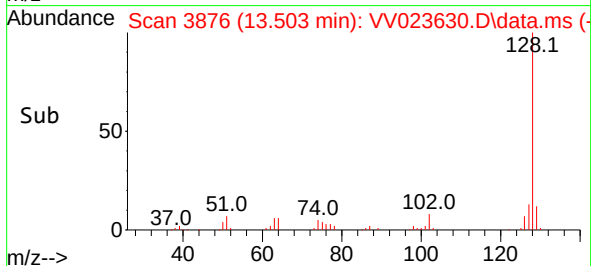
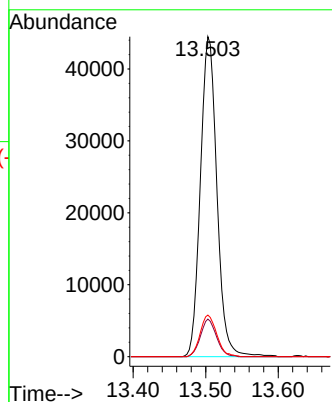
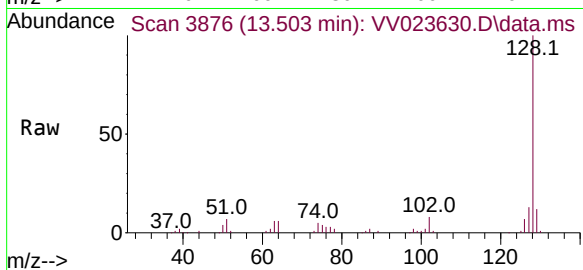
Tgt Ion:128 Resp: 70420

Ion Ratio Lower Upper

128 100

129 11.4 8.6 13.0

127 13.1 10.5 15.7



#72

1,2,3-Trichlorobenzene

Concen: 4.484 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.000 min

Lab File: VV023630.D

Acq: 19 Nov 2021 01:38

Tgt Ion:180 Resp: 46715

Ion Ratio Lower Upper

180 100

182 96.5 76.7 115.1

145 32.0 25.7 38.5

