

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111921\
 Data File : VW023651.D
 Acq On : 19 Nov 2021 18:15
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 22 01:50:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 22 01:44:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	115519	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	115630	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63892	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	26011	3.594	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.568	69	23115	3.919	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.400%
11) 1,1-Dichloroethene-d2	2.111	63	54233	4.003	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	3.908	46	50271	40.321	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.640%
24) Chloroform-d	4.349	84	63312	4.105	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
26) 1,2-Dichloroethane-d4	5.034	65	30084	4.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
32) Benzene-d6	5.050	84	107464	3.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.400%
36) 1,2-Dichloropropane-d6	6.072	67	33189	3.800	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.000%
41) Toluene-d8	7.317	98	99207	3.568	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.400%
43) trans-1,3-Dichloroprop...	7.625	79	12905	3.897	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.000%
46) 2-Hexanone-d5	8.091	63	55788	45.787	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.580%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28081	4.471	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	41577	3.908	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	47088	4.180	ug/L	100
3) Chloromethane	1.240	50	40829	4.263	ug/L	96
5) Vinyl chloride	1.310	62	42760	4.471	ug/L	99
6) Bromomethane	1.523	94	22839	3.736	ug/L	97
8) Chloroethane	1.584	64	26131	4.734	ug/L	97
9) Trichlorofluoromethane	1.754	101	71468	4.973	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	36766	5.082	ug/L	96
12) 1,1-Dichloroethene	2.117	96	33584	4.875	ug/L	88
13) Acetone	2.188	43	29281	38.436	ug/L	93
14) Carbon disulfide	2.294	76	101855	3.918	ug/L	99
15) Methyl Acetate	2.442	43	9024	4.185	ug/L	92
16) Methylene chloride	2.507	84	39571	3.936	ug/L	93
17) Methyl tert-butyl Ether	2.770	73	74199	4.893	ug/L	95
18) trans-1,2-Dichloroethene	2.761	96	37657	4.447	ug/L	97
19) 1,1-Dichloroethane	3.191	63	68764	4.809	ug/L	98
21) 2-Butanone	3.992	43	49138	39.895	ug/L	90
22) cis-1,2-Dichloroethene	3.915	96	39146	4.803	ug/L #	91
23) Bromochloromethane	4.252	128	18944	5.041	ug/L #	75
25) Chloroform	4.378	83	75542	4.957	ug/L	100

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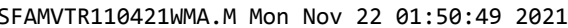
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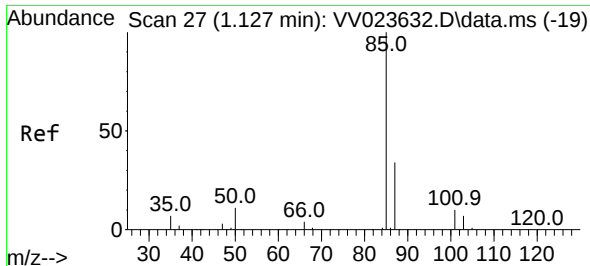
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	41578	5.129	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	69281	4.933	ug/L	99
30) Cyclohexane	4.677	56	52462	4.169	ug/L	94
31) Carbon tetrachloride	4.828	117	62319	4.941	ug/L	98
33) Benzene	5.101	78	152710	4.725	ug/L	100
34) Trichloroethene	5.915	95	40517	4.714	ug/L	97
35) Methylcyclohexane	6.130	83	58867	4.340	ug/L	96
37) 1,2-Dichloropropane	6.172	63	36398	4.824	ug/L	99
38) Bromodichloromethane	6.510	83	51582	5.102	ug/L	97
39) cis-1,3-Dichloropropene	7.030	75	49780	4.587	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	190006	54.298	ug/L	98
42) Toluene	7.387	91	172009	4.976	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	44172	4.906	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	27158	5.010	ug/L	98
47) Tetrachloroethene	7.976	164	35665	4.788	ug/L	98
48) 2-Hexanone	8.143	43	135099	55.098	ug/L	96
49) Dibromochloromethane	8.246	129	35902	5.227	ug/L	96
50) 1,2-Dibromoethane	8.352	107	24780	4.932	ug/L	97
51) Chlorobenzene	8.882	112	109917	4.784	ug/L	99
52) Ethylbenzene	9.011	91	174798	4.794	ug/L	100
53) m,p-xylene	9.140	106	70147	4.903	ug/L	98
54) o-xylene	9.545	106	66556	4.958	ug/L	99
55) Styrene	9.561	104	118140	5.138	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	30468	5.130	ug/L	99
59) Bromoform	9.731	173	20091	5.265	ug/L	99
60) Isopropylbenzene	9.931	105	181336	4.946	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	21620	5.094	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	147781	4.861	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	149715	4.948	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	92513	4.938	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	90930	4.753	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	82860	4.943	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	4509	4.987	ug/L	99
69) 1,3,5-Trichlorobenzene	12.644	180	69253	4.721	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	52348	4.457	ug/L	99
71) Naphthalene	13.503	128	70952	4.097	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	48679	4.737	ug/L	97

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

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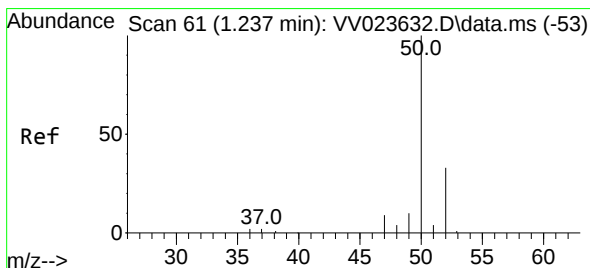
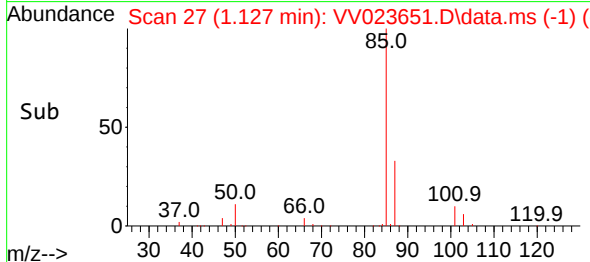
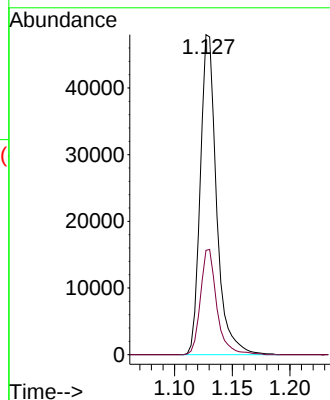
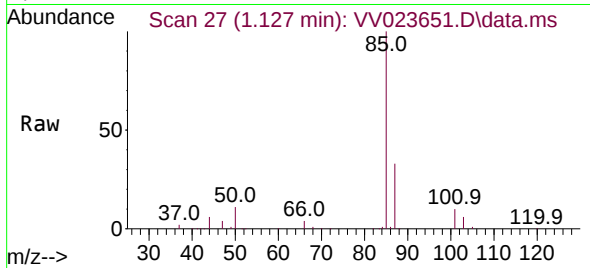




#2
 Dichlorodifluoromethane
 Concen: 4.180 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV023651.D
 Acq: 19 Nov 2021 18:15

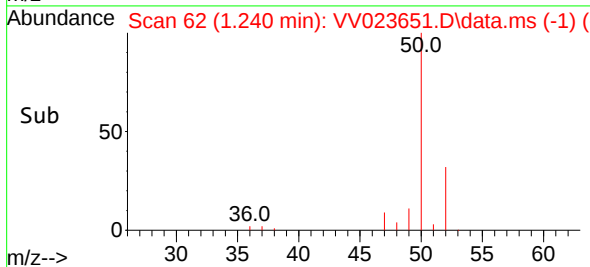
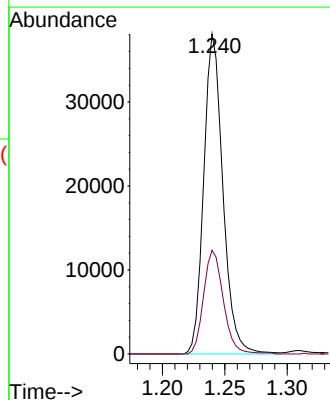
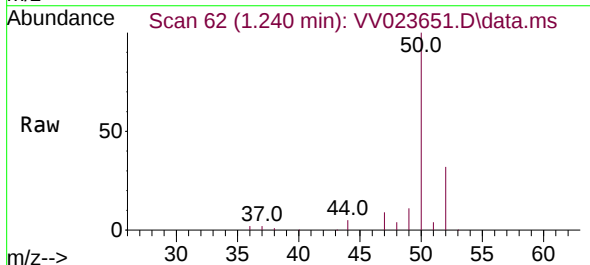
Instrument :
 MSVOA_V
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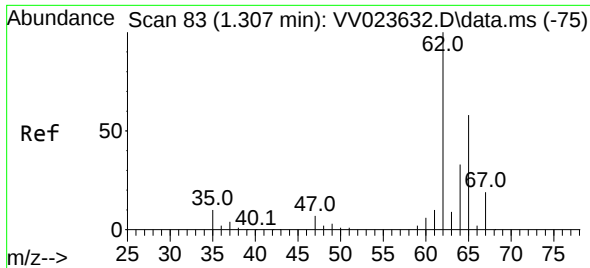
Tgt Ion: 85 Resp: 47088
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.6 39.8



#3
 Chloromethane
 Concen: 4.263 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV023651.D
 Acq: 19 Nov 2021 18:15

Tgt Ion: 50 Resp: 40829
 Ion Ratio Lower Upper
 50 100
 52 32.4 24.3 45.1

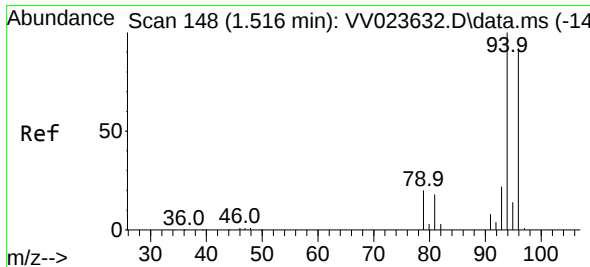
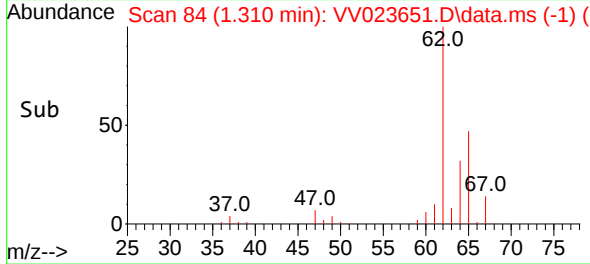
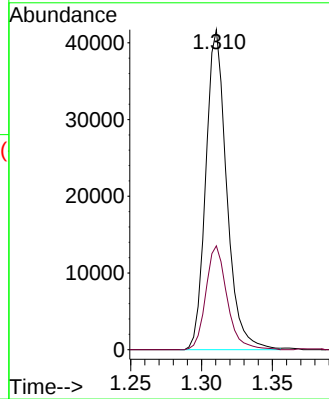
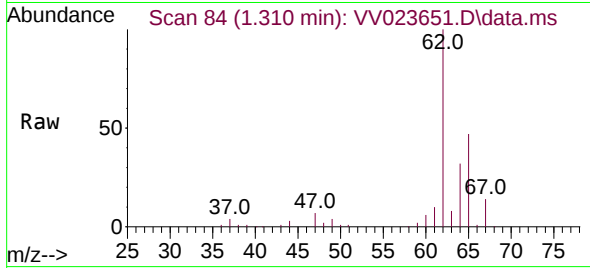




#5
 Vinyl chloride
 Concen: 4.471 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023651.D
 Acq: 19 Nov 2021 18:15

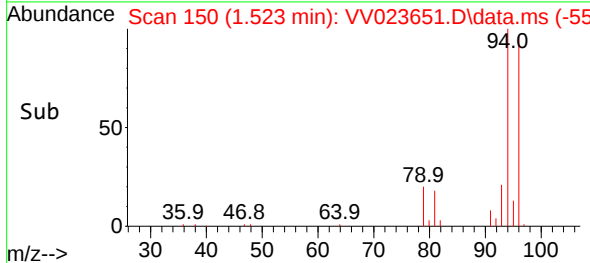
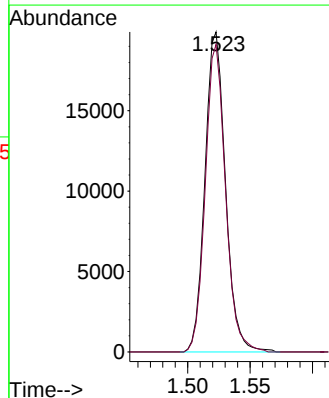
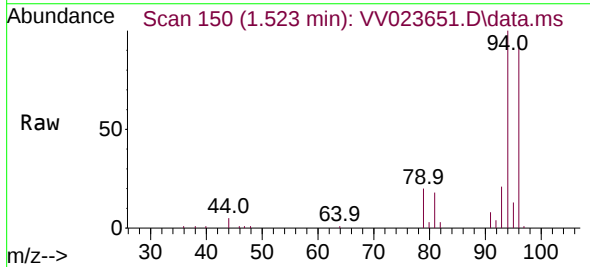
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 ClientSampleId :

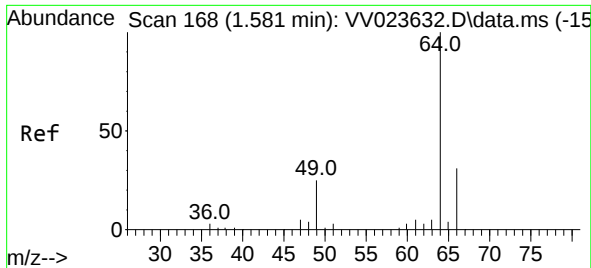
Tgt Ion: 62 Resp: 42760
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.1 42.9



#6
 Bromomethane
 Concen: 3.736 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.006 min
 Lab File: VV023651.D
 Acq: 19 Nov 2021 18:15

Tgt Ion: 94 Resp: 22839
 Ion Ratio Lower Upper
 94 100
 96 96.1 65.0 120.8

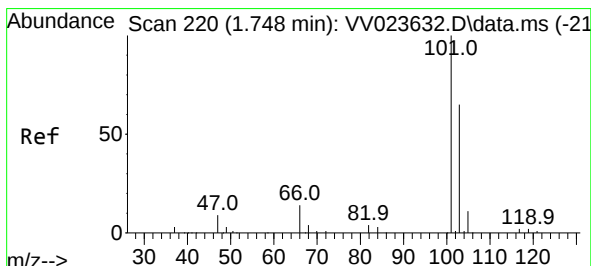
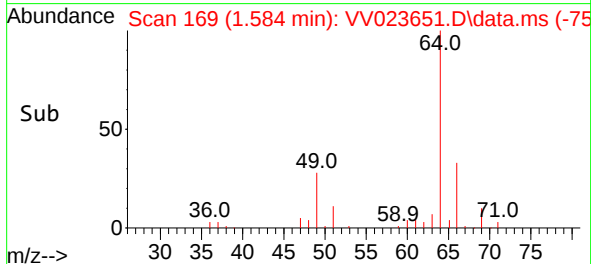
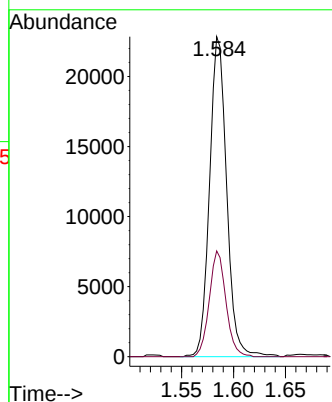
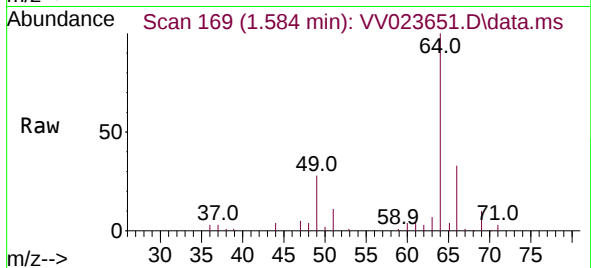




#8
Chloroethane
Concen: 4.734 ug/L
RT: 1.584 min Scan# 168
Delta R.T. 0.003 min
Lab File: VV023651.D
Acq: 19 Nov 2021 18:15

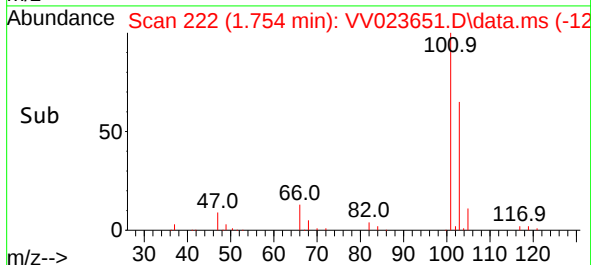
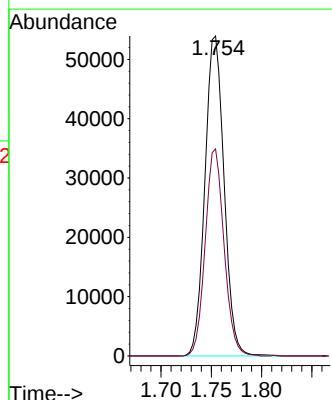
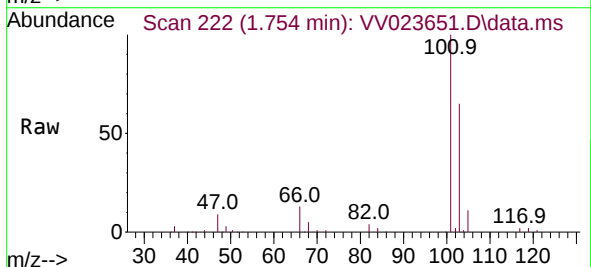
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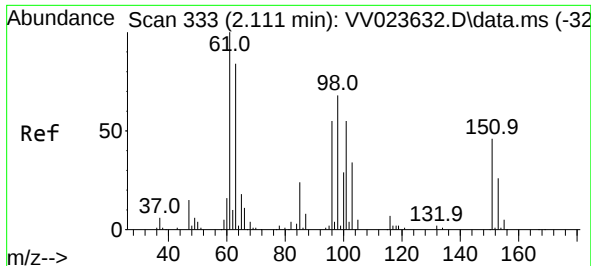
Tgt Ion: 64 Resp: 26131
Ion Ratio Lower Upper
64 100
66 33.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.973 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.006 min
Lab File: VV023651.D
Acq: 19 Nov 2021 18:15

Tgt Ion:101 Resp: 71468
Ion Ratio Lower Upper
101 100
103 63.7 52.6 79.0

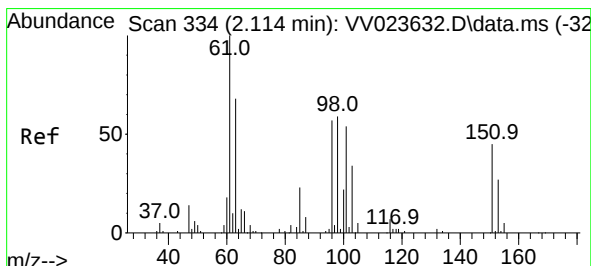
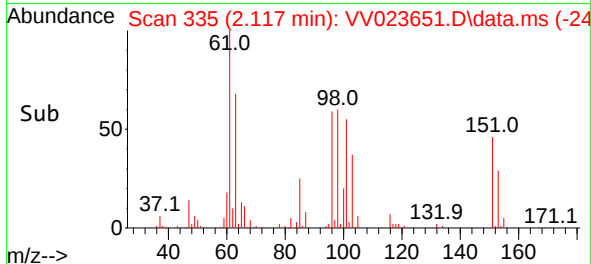
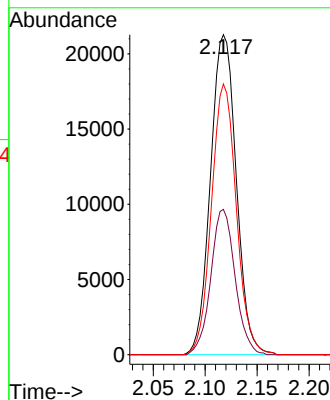
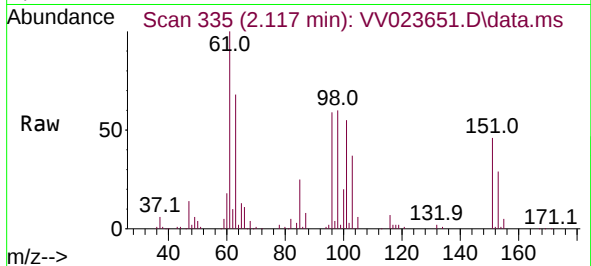




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.082 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.006 min
 Lab File: VV023651.D
 Acq: 19 Nov 2021 18:15

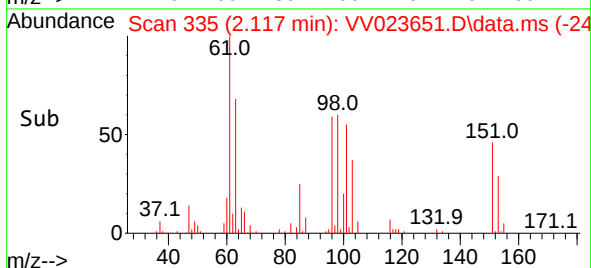
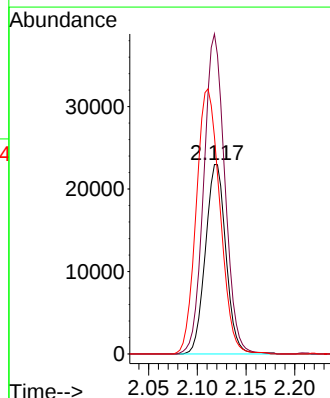
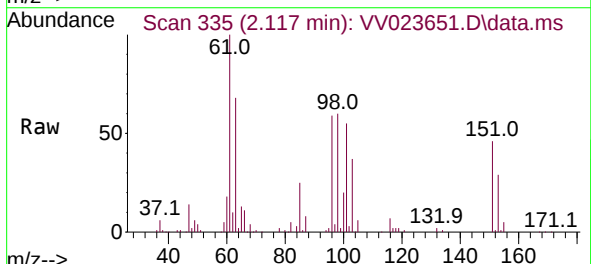
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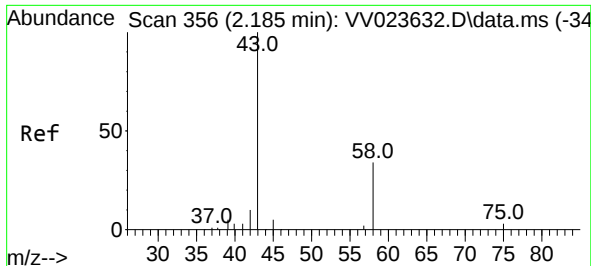
Tgt Ion:101 Resp: 36766
 Ion Ratio Lower Upper
 101 100
 85 42.7 35.3 52.9
 151 81.7 62.2 93.2



#12
 1,1-Dichloroethene
 Concen: 4.875 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV023651.D
 Acq: 19 Nov 2021 18:15

Tgt Ion: 96 Resp: 33584
 Ion Ratio Lower Upper
 96 100
 61 169.0 121.5 225.7
 63 114.8 99.6 185.0





#13

Acetone

Concen: 38.436 ug/L

RT: 2.188 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV023651.D

Acq: 19 Nov 2021 18:15

Instrument :

MSVOA_V

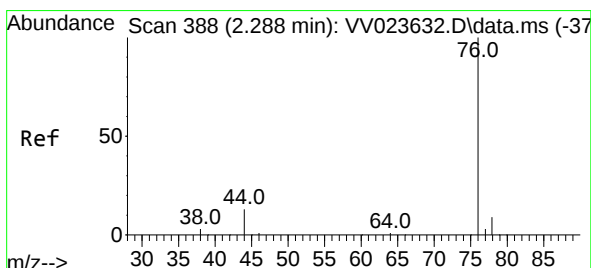
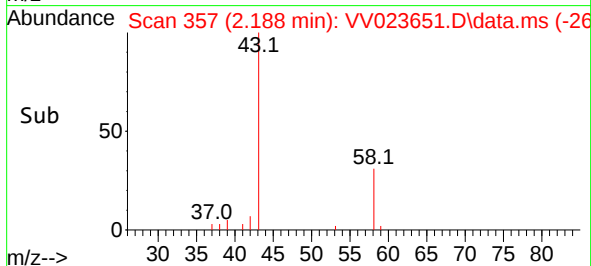
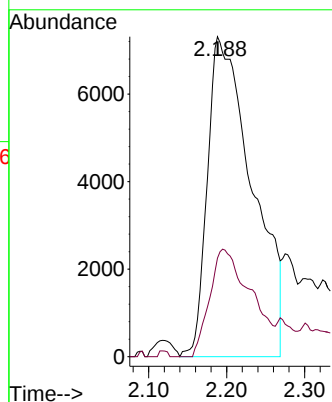
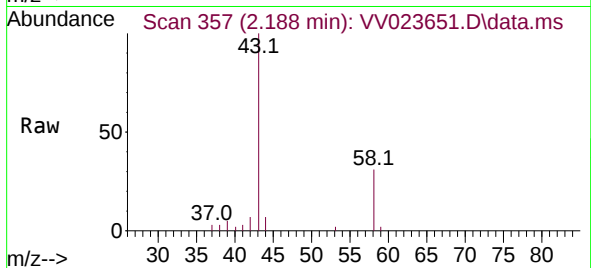
ClientSampleId :

Tgt Ion: 43 Resp: 29281

Ion Ratio Lower Upper

43 100

58 31.1 0.0 55.4



#14

Carbon disulfide

Concen: 3.918 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.006 min

Lab File: VV023651.D

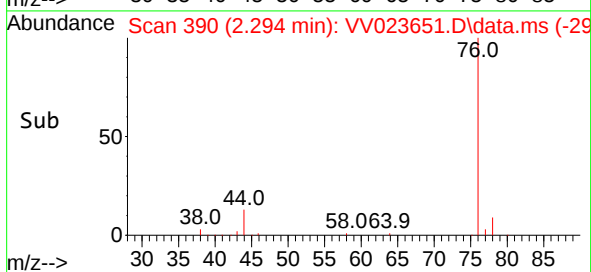
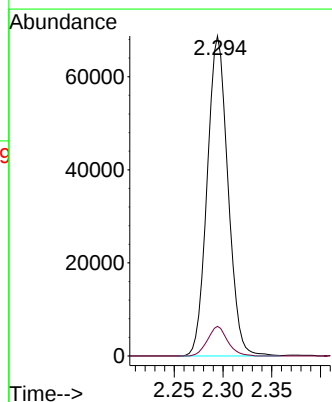
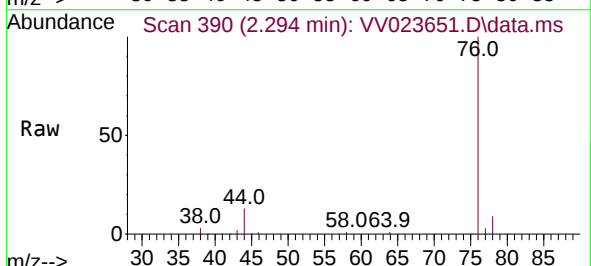
Acq: 19 Nov 2021 18:15

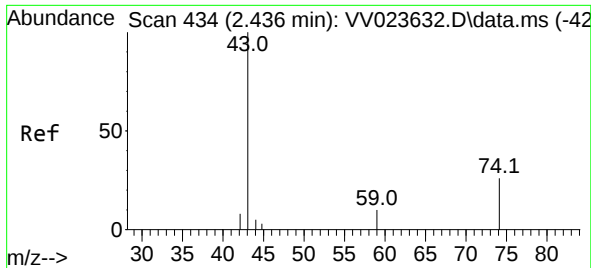
Tgt Ion: 76 Resp: 101855

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8





#15

Methyl Acetate

Concen: 4.185 ug/L

RT: 2.442 min Scan# 41

Delta R.T. 0.006 min

Lab File: VV023651.D

Acq: 19 Nov 2021 18:15

Instrument :

MSVOA_V

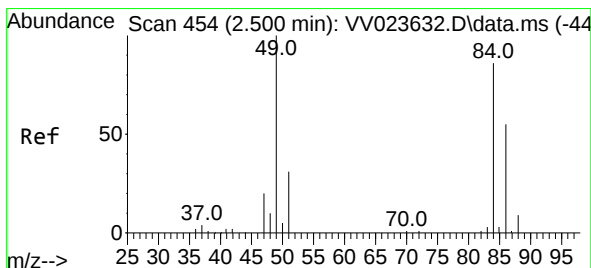
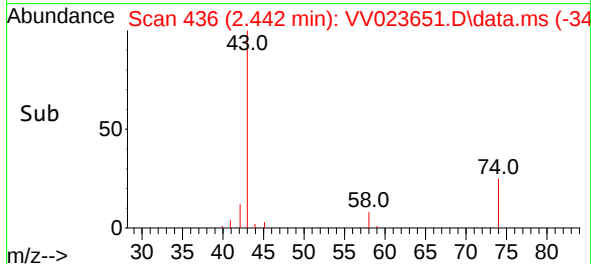
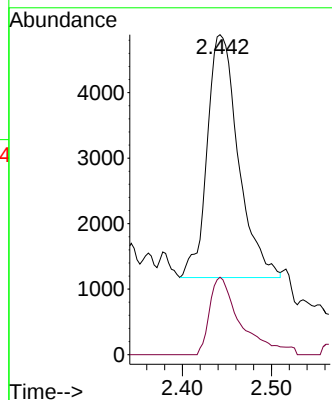
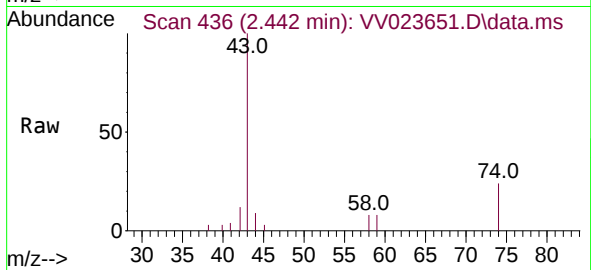
ClientSampleId :

Tgt Ion: 43 Resp: 9024

Ion Ratio Lower Upper

43 100

74 31.9 22.2 33.2



#16

Methylene chloride

Concen: 3.936 ug/L

RT: 2.507 min Scan# 456

Delta R.T. 0.006 min

Lab File: VV023651.D

Acq: 19 Nov 2021 18:15

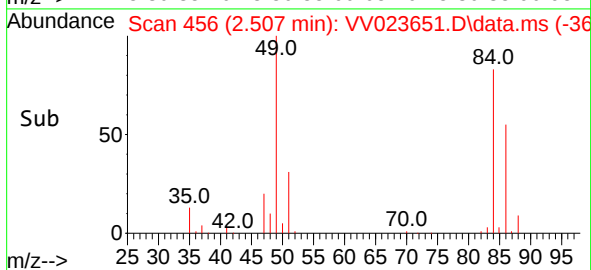
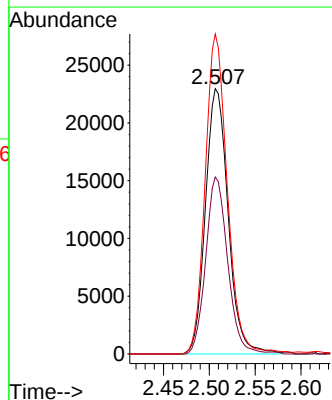
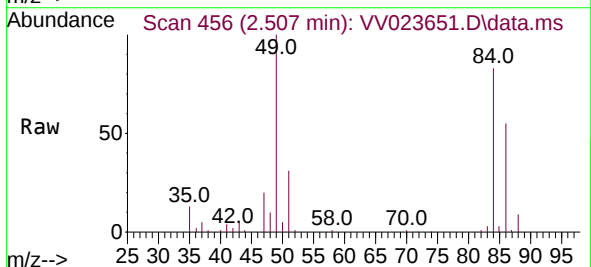
Tgt Ion: 84 Resp: 39571

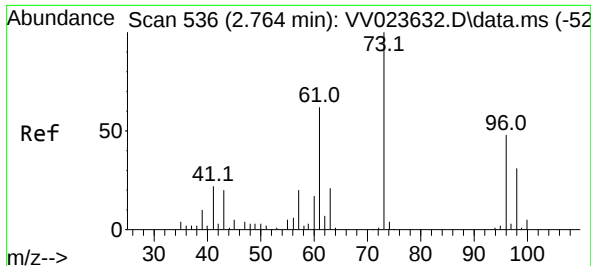
Ion Ratio Lower Upper

84 100

86 66.7 42.3 78.5

49 120.6 79.7 148.1

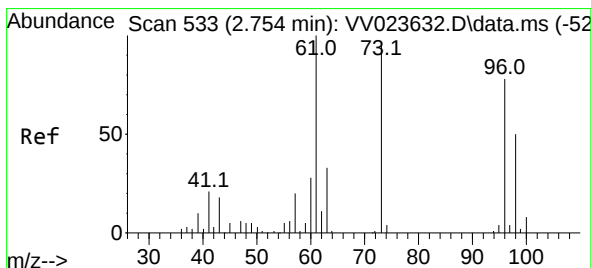
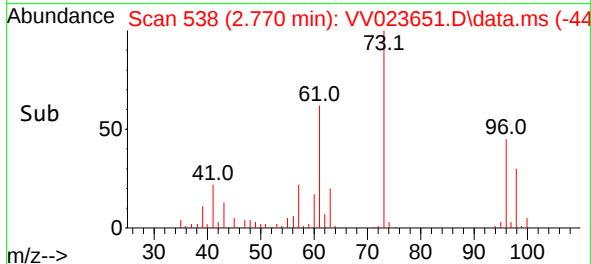
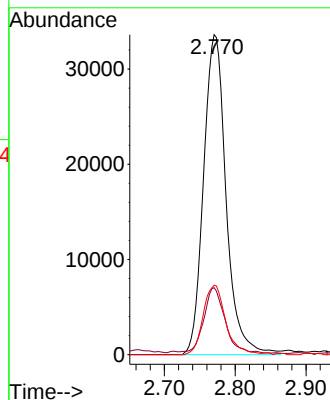
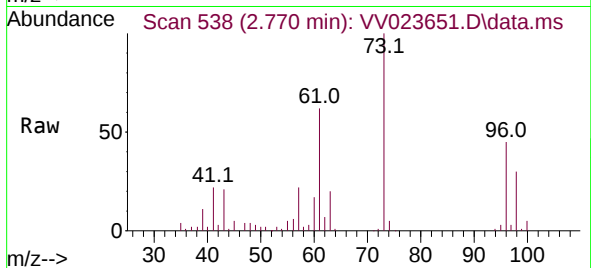




#17
Methyl tert-butyl Ether
Concen: 4.893 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV023651.D
Acq: 19 Nov 2021 18:15

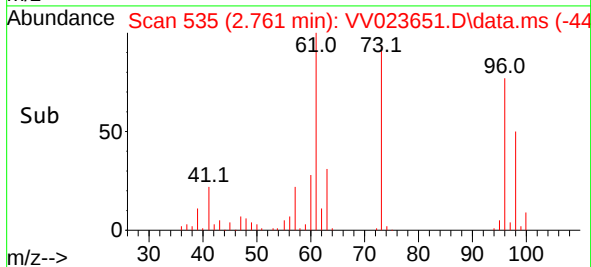
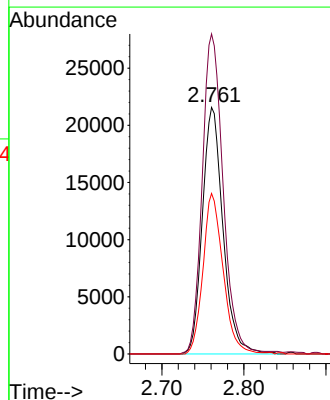
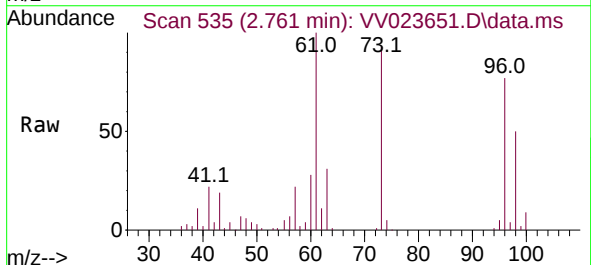
Instrument :
MSVOA_V
ClientSampleId :

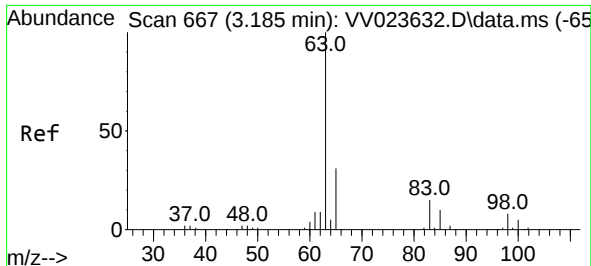
Tgt Ion: 73 Resp: 74199
Ion Ratio Lower Upper
73 100
43 17.8 17.4 26.0
57 21.7 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 4.447 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.006 min
Lab File: VV023651.D
Acq: 19 Nov 2021 18:15

Tgt Ion: 96 Resp: 37657
Ion Ratio Lower Upper
96 100
61 129.8 93.2 173.2
98 65.1 47.0 87.2





#19

1,1-Dichloroethane

Concen: 4.809 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV023651.D

Acq: 19 Nov 2021 18:15

Instrument :

MSVOA_V

ClientSampleId :

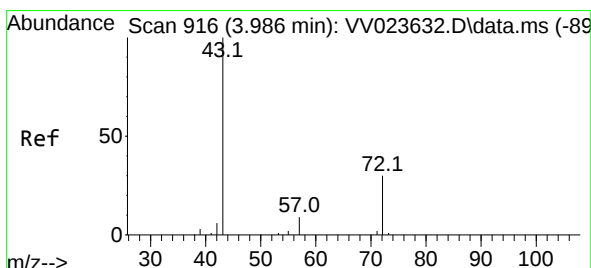
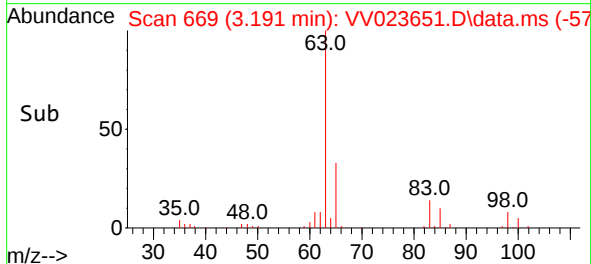
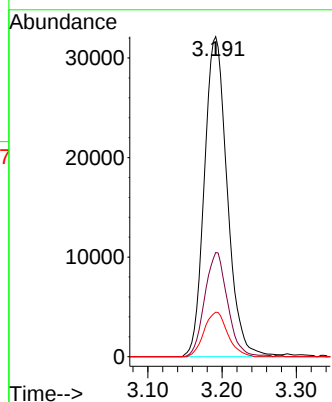
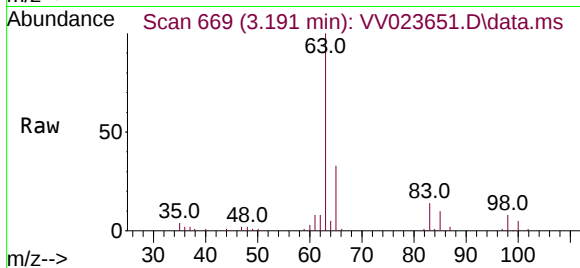
Tgt Ion: 63 Resp: 68764

Ion Ratio Lower Upper

63 100

65 32.5 22.6 42.0

83 13.9 11.1 20.7



#21

2-Butanone

Concen: 39.895 ug/L

RT: 3.992 min Scan# 918

Delta R.T. 0.006 min

Lab File: VV023651.D

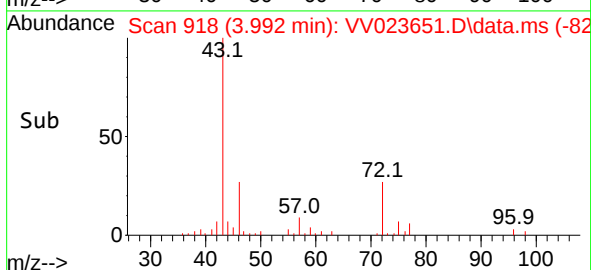
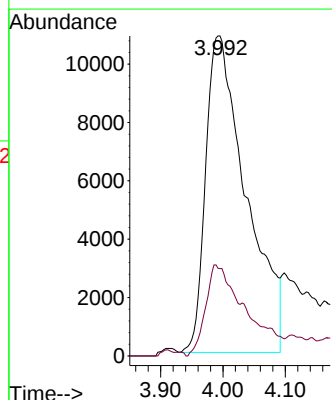
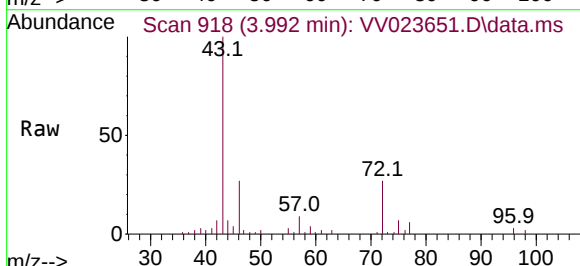
Acq: 19 Nov 2021 18:15

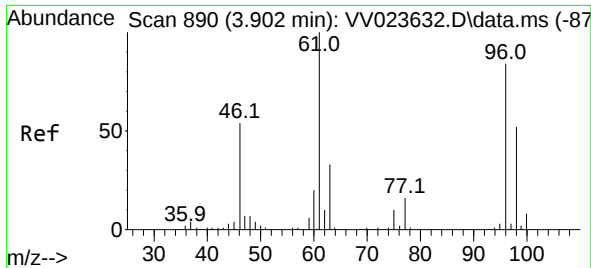
Tgt Ion: 43 Resp: 49138

Ion Ratio Lower Upper

43 100

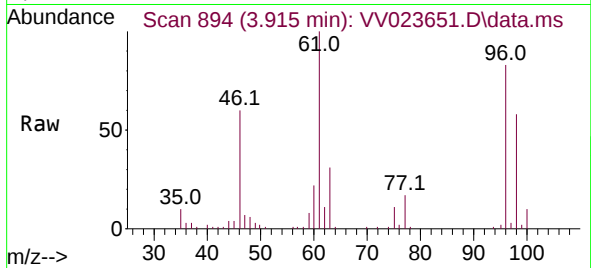
72 28.6 11.9 35.9



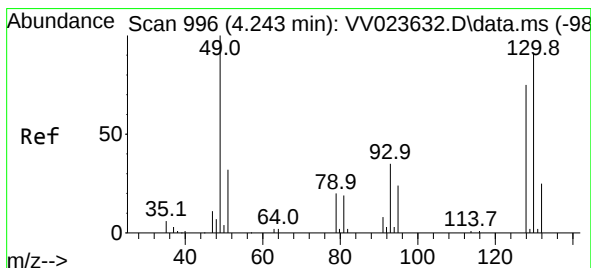
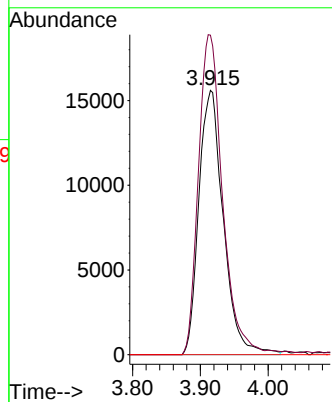
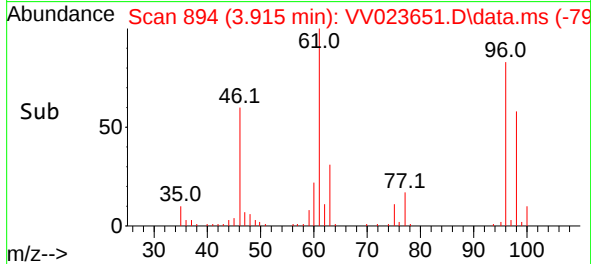


#22
 cis-1,2-Dichloroethene
 Concen: 4.803 ug/L
 RT: 3.915 min Scan# 891
 Delta R.T. 0.013 min
 Lab File: VV023651.D
 Acq: 19 Nov 2021 18:15

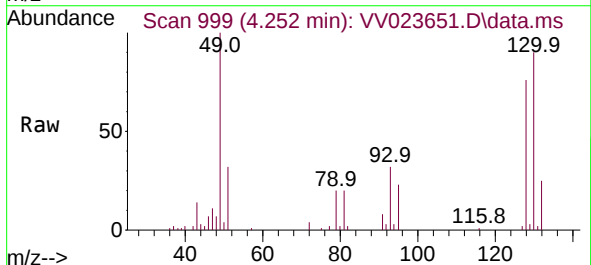
Instrument :
 MSVOA_V
 ClientSampleId :



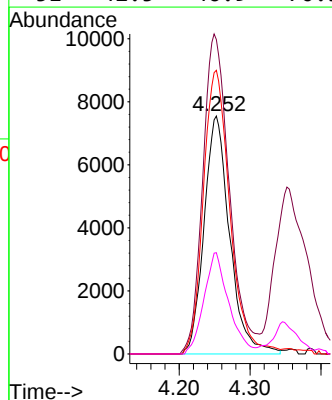
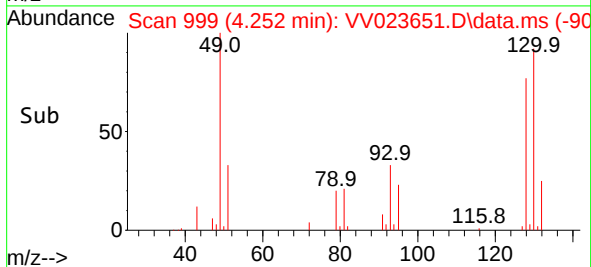
Tgt Ion: 96 Resp: 39146
 Ion Ratio Lower Upper
 96 100
 61 120.9 92.3 171.3
 68 0.0 0.4 0.8#

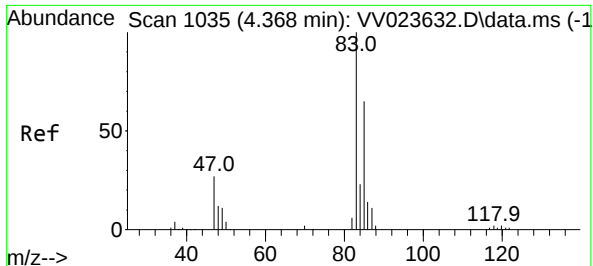


#23
 Bromochloromethane
 Concen: 5.041 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. 0.010 min
 Lab File: VV023651.D
 Acq: 19 Nov 2021 18:15



Tgt Ion: 128 Resp: 18944
 Ion Ratio Lower Upper
 128 100
 49 132.2 126.1 234.3
 130 119.2 95.2 176.8
 51 42.5 46.9 70.3#





#25

Chloroform

Concen: 4.957 ug/L

RT: 4.378 min Scan# 1035

Delta R.T. 0.010 min

Lab File: VV023651.D

Acq: 19 Nov 2021 18:15

Instrument :

MSVOA_V

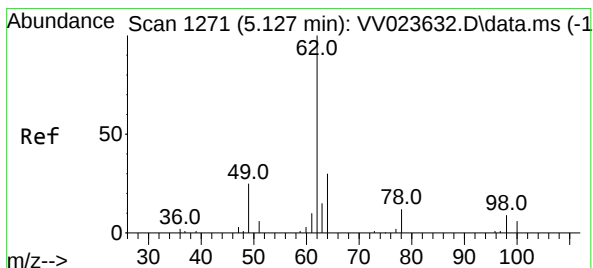
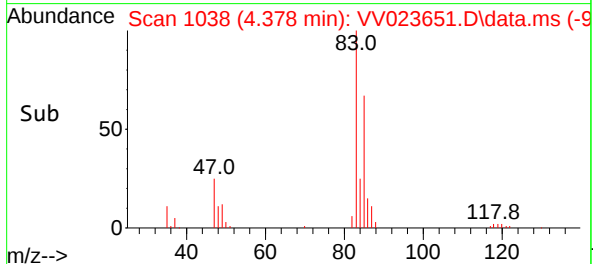
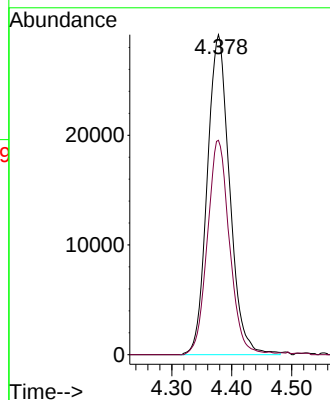
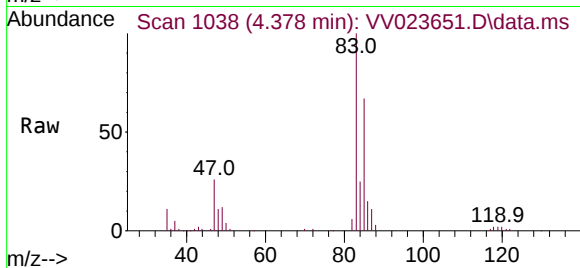
ClientSampleId :

Tgt Ion: 83 Resp: 75542

Ion Ratio Lower Upper

83 100

85 67.0 46.8 86.8



#27

1,2-Dichloroethane

Concen: 5.129 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VV023651.D

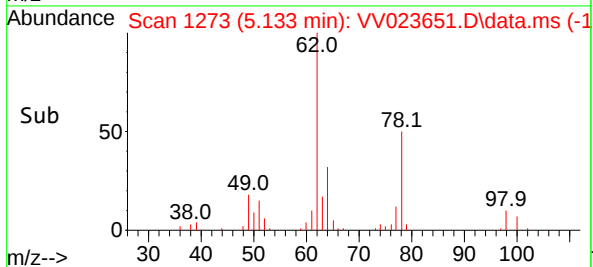
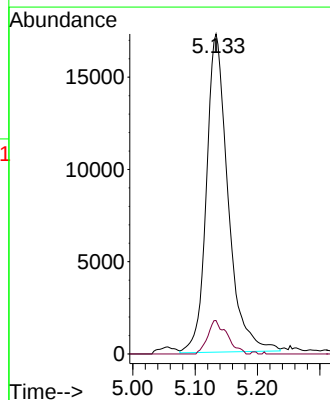
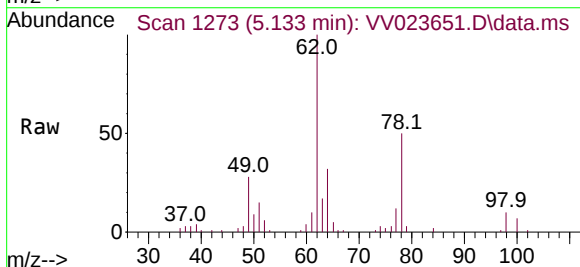
Acq: 19 Nov 2021 18:15

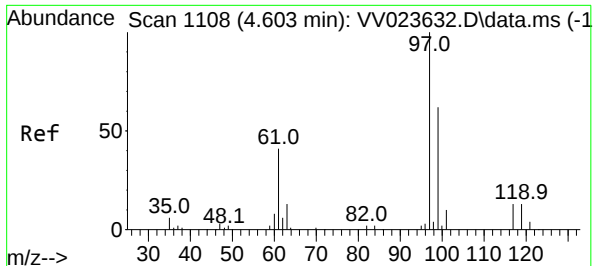
Tgt Ion: 62 Resp: 41578

Ion Ratio Lower Upper

62 100

98 10.5 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 4.933 ug/L

RT: 4.609 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VV023651.D

Acq: 19 Nov 2021 18:15

Instrument :

MSVOA_V

ClientSampleId :

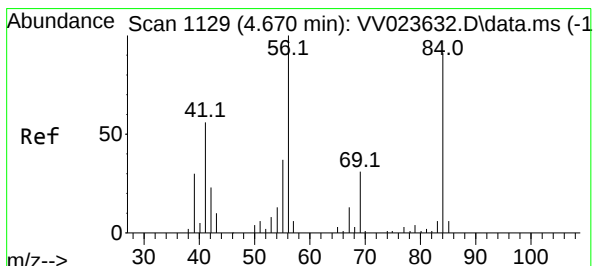
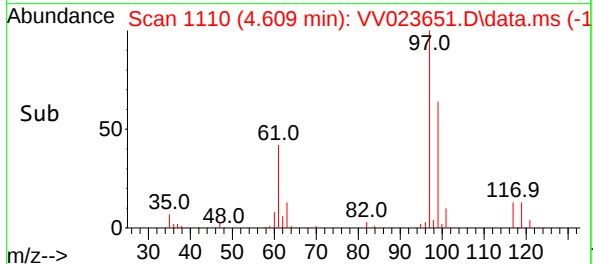
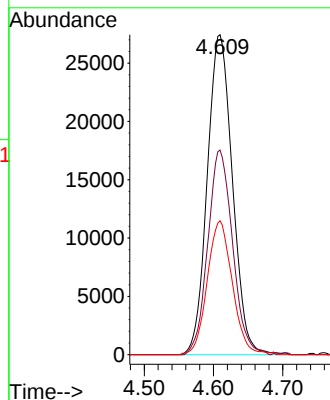
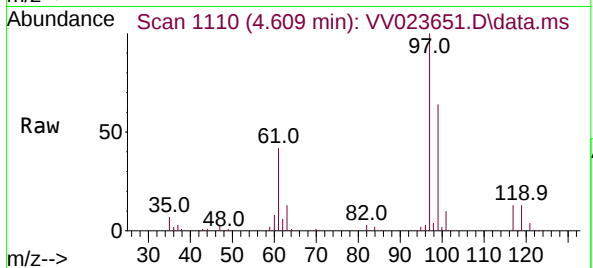
Tgt Ion: 97 Resp: 69281

Ion Ratio Lower Upper

97 100

99 62.9 51.0 76.4

61 41.7 34.1 51.1



#30

Cyclohexane

Concen: 4.169 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VV023651.D

Acq: 19 Nov 2021 18:15

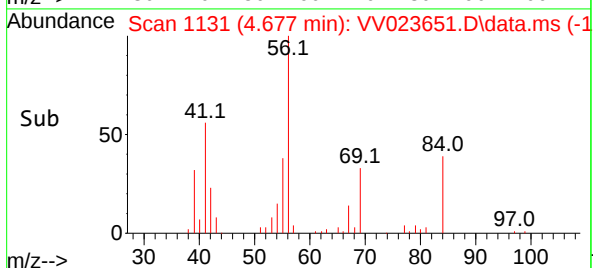
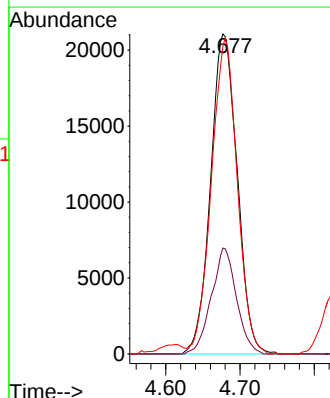
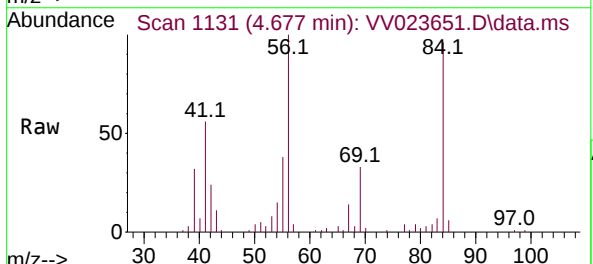
Tgt Ion: 56 Resp: 52462

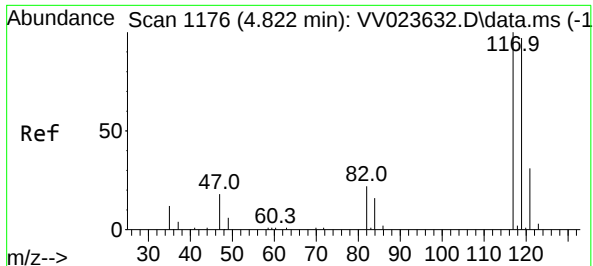
Ion Ratio Lower Upper

56 100

69 31.2 23.5 35.3

84 95.7 71.6 107.4

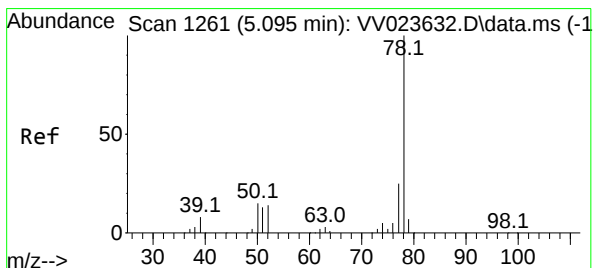
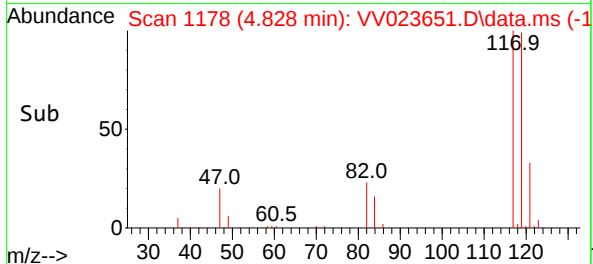
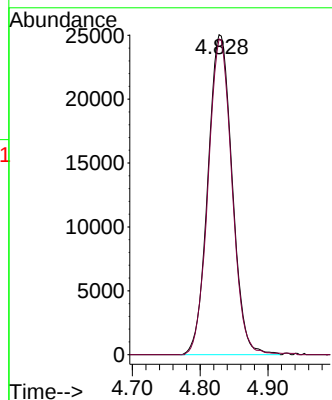
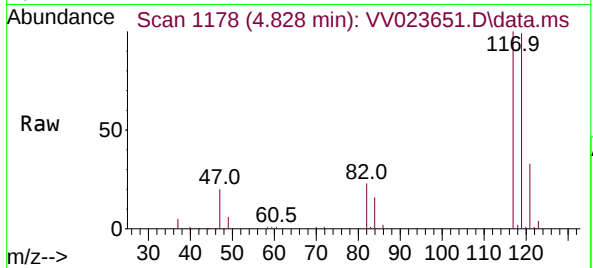




#31
Carbon tetrachloride
Concen: 4.941 ug/L
RT: 4.828 min Scan# 1176
Delta R.T. 0.006 min
Lab File: VV023651.D
Acq: 19 Nov 2021 18:15

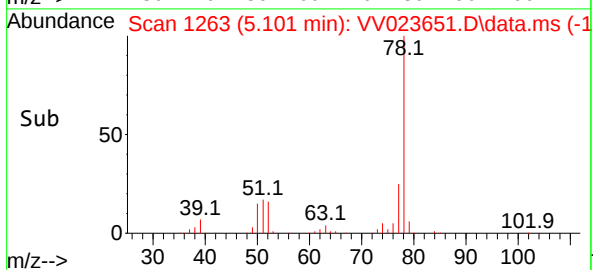
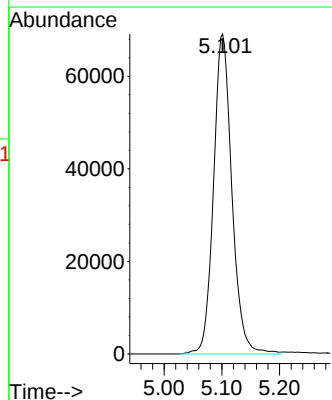
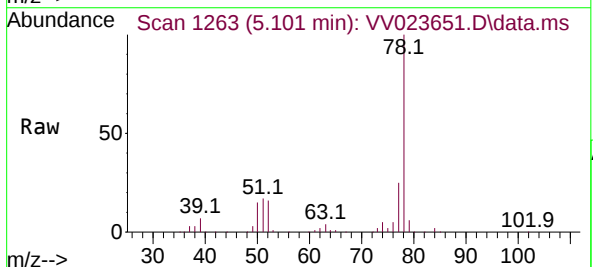
Instrument :
MSVOA_V
ClientSampleId :

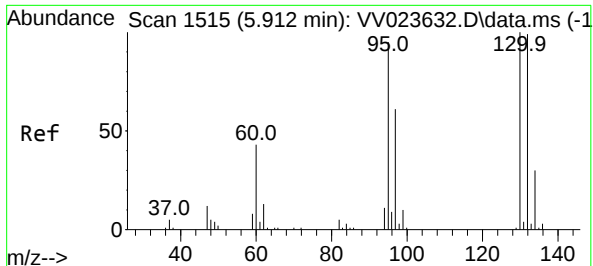
Tgt Ion:117 Resp: 62319
Ion Ratio Lower Upper
117 100
119 96.5 78.8 118.2



#33
Benzene
Concen: 4.725 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV023651.D
Acq: 19 Nov 2021 18:15

Tgt Ion: 78 Resp: 152710

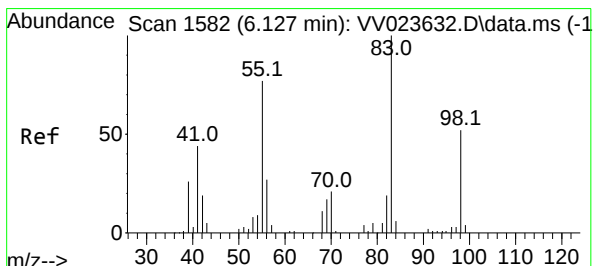
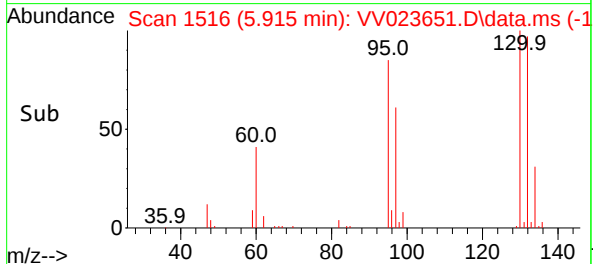
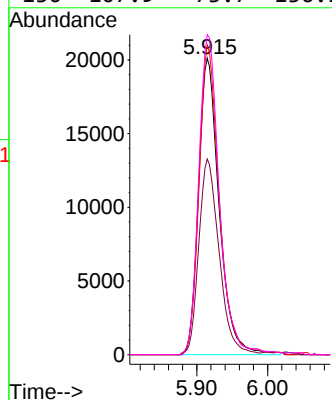
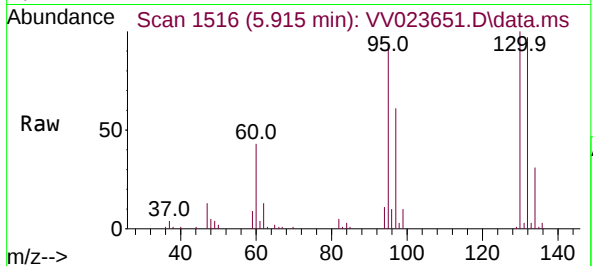




#34
Trichloroethene
Concen: 4.714 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV023651.D
Acq: 19 Nov 2021 18:15

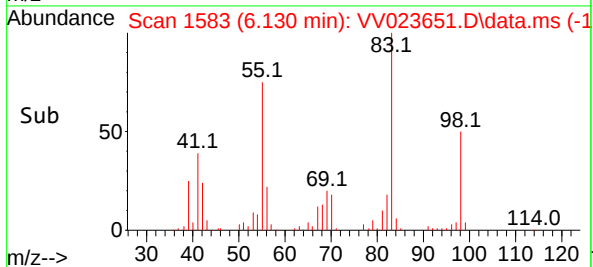
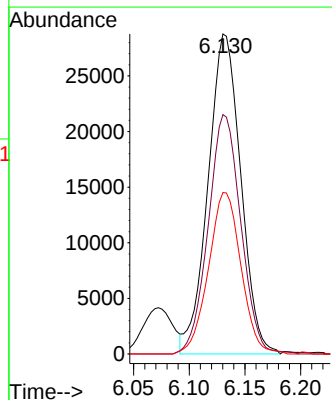
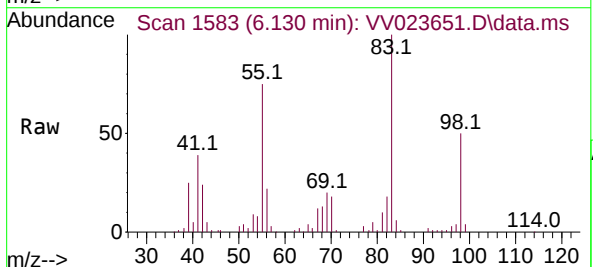
Instrument :
MSVOA_V
ClientSampleId :

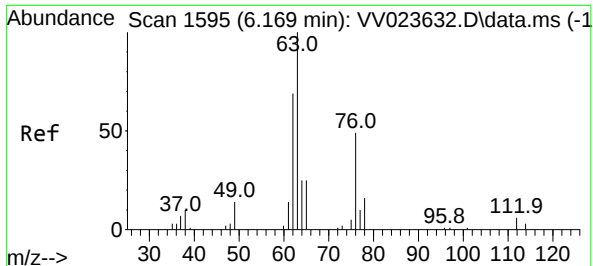
Tgt Ion: 95 Resp: 40517
Ion Ratio Lower Upper
95 100
97 66.0 45.0 83.6
132 104.5 69.7 129.4
130 107.9 73.7 136.9



#35
Methylcyclohexane
Concen: 4.340 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV023651.D
Acq: 19 Nov 2021 18:15

Tgt Ion: 83 Resp: 58867
Ion Ratio Lower Upper
83 100
55 74.6 62.8 94.2
98 50.1 37.9 56.9





#37

1,2-Dichloropropane

Concen: 4.824 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV023651.D

Acq: 19 Nov 2021 18:15

Instrument :

MSVOA_V

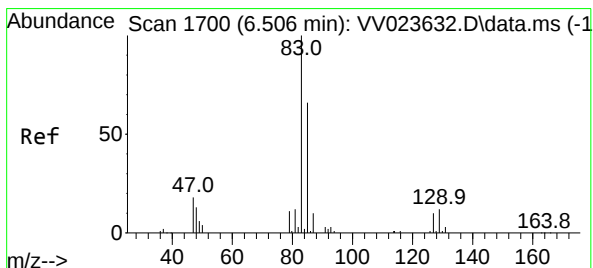
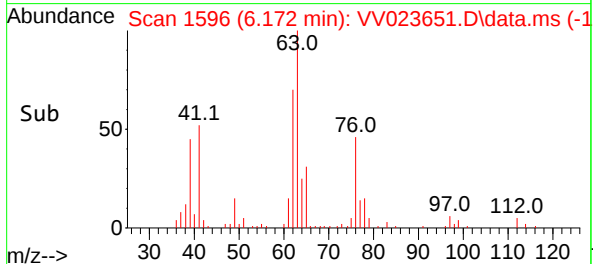
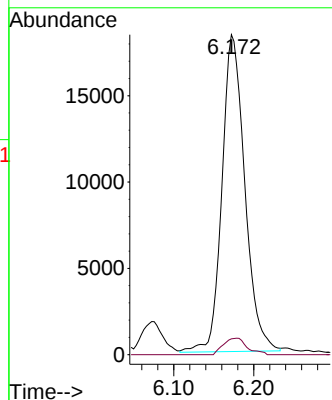
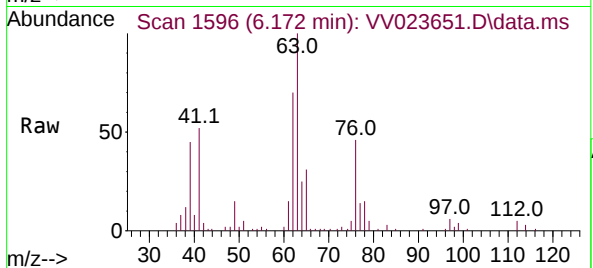
ClientSampleId :

Tgt Ion: 63 Resp: 36398

Ion Ratio Lower Upper

63 100

112 5.4 4.6 6.8



#38

Bromodichloromethane

Concen: 5.102 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV023651.D

Acq: 19 Nov 2021 18:15

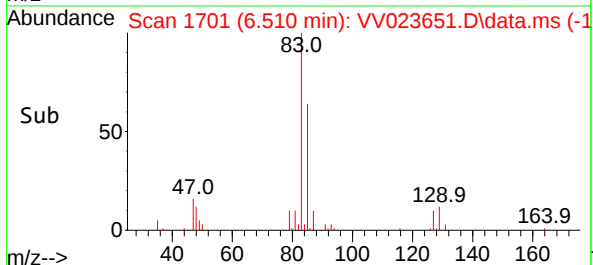
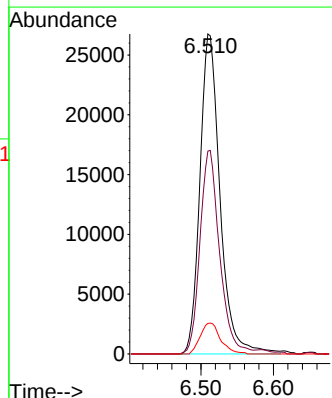
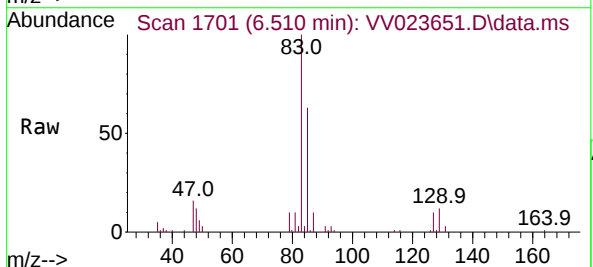
Tgt Ion: 83 Resp: 51582

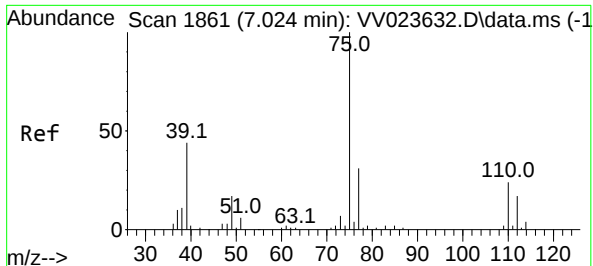
Ion Ratio Lower Upper

83 100

85 63.4 46.1 85.7

127 9.6 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.587 ug/L

RT: 7.030 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV023651.D

Acq: 19 Nov 2021 18:15

Instrument :

MSVOA_V

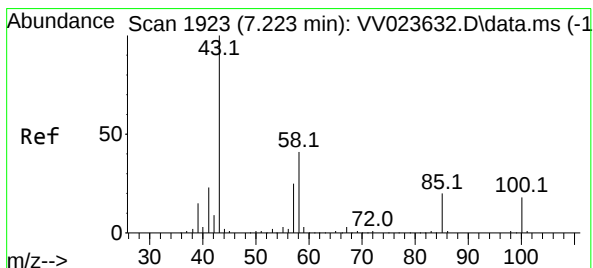
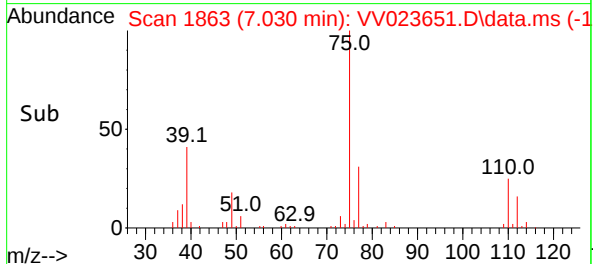
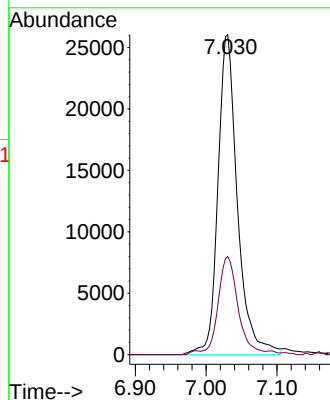
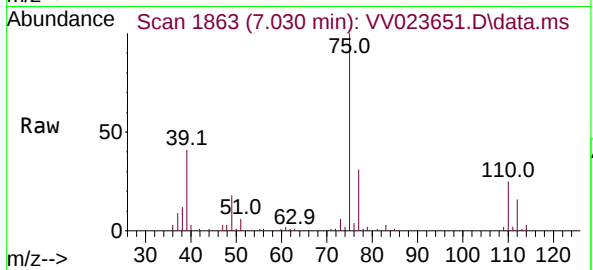
ClientSampleId :

Tgt Ion: 75 Resp: 49780

Ion Ratio Lower Upper

75 100

77 30.7 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 54.298 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.006 min

Lab File: VV023651.D

Acq: 19 Nov 2021 18:15

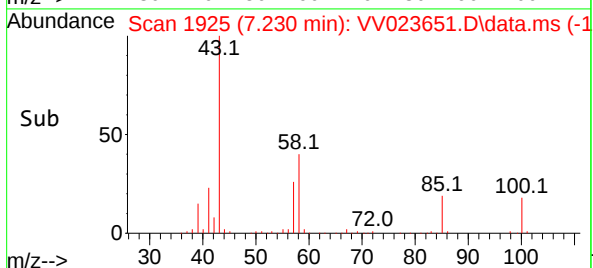
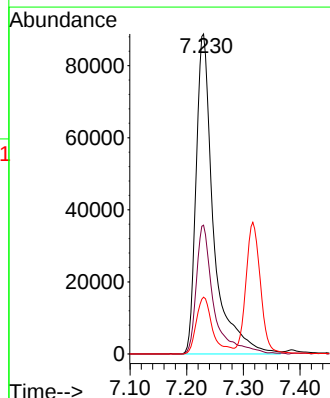
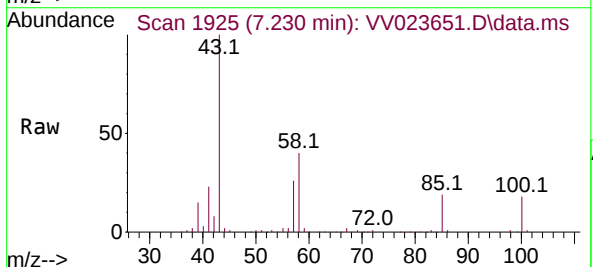
Tgt Ion: 43 Resp: 190006

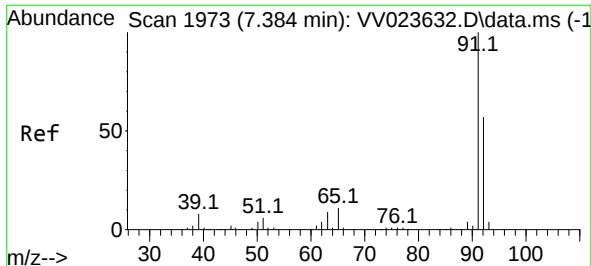
Ion Ratio Lower Upper

43 100

58 40.0 31.1 46.7

100 16.6 12.6 19.0

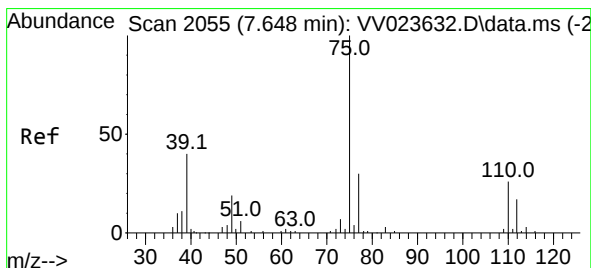
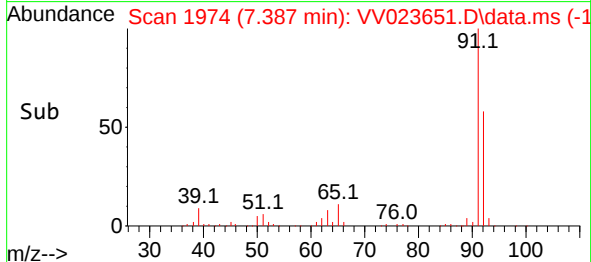
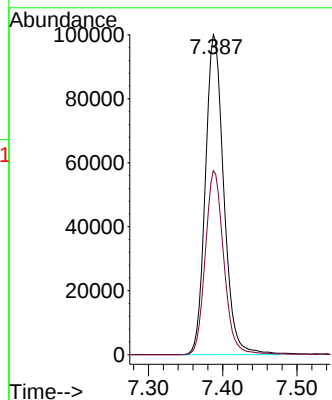
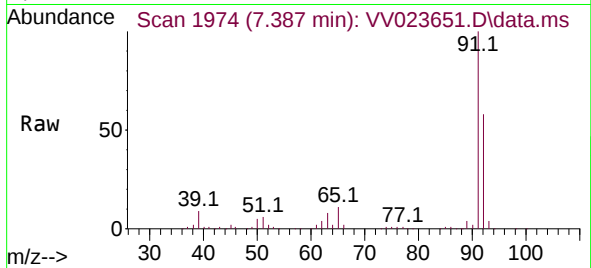




#42
Toluene
Concen: 4.976 ug/L
RT: 7.387 min Scan# 1973
Delta R.T. 0.003 min
Lab File: VV023651.D
Acq: 19 Nov 2021 18:15

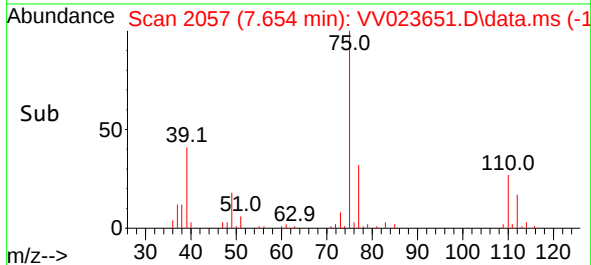
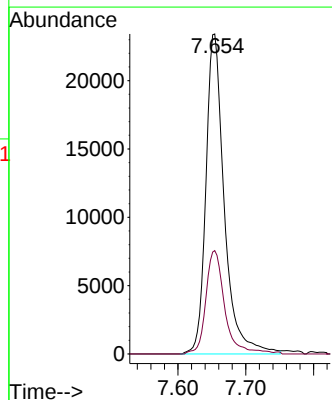
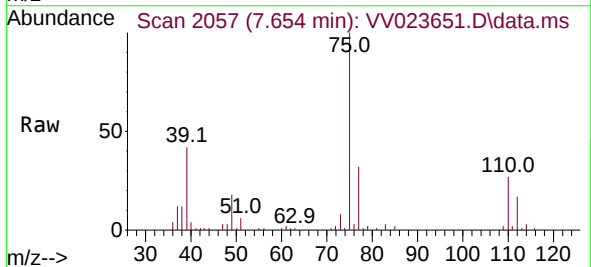
Instrument :
MSVOA_V
ClientSampleId :

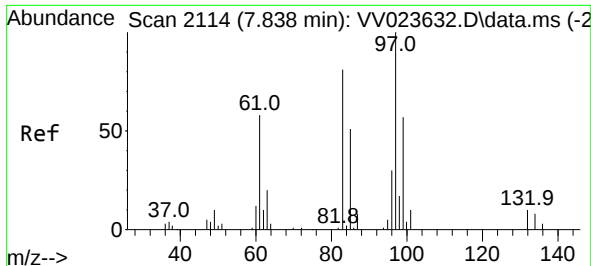
Tgt Ion: 91 Resp: 172009
Ion Ratio Lower Upper
91 100
92 57.5 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 4.906 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VV023651.D
Acq: 19 Nov 2021 18:15

Tgt Ion: 75 Resp: 44172
Ion Ratio Lower Upper
75 100
77 32.3 22.5 41.7

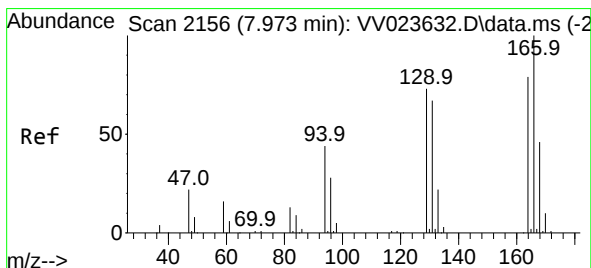
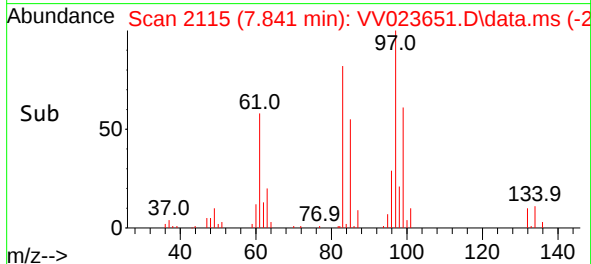
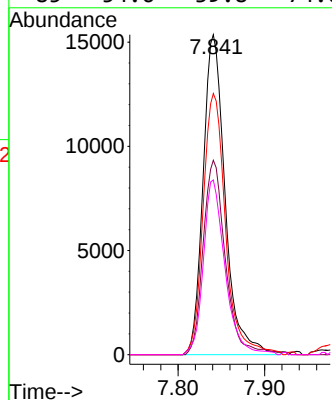
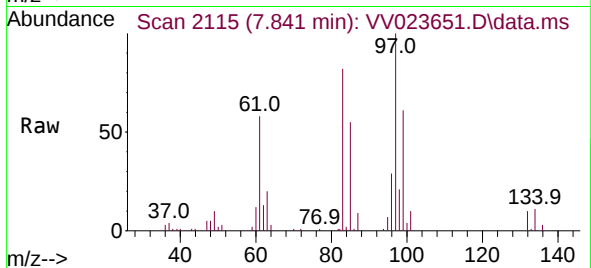




#45
1,1,2-Trichloroethane
Concen: 5.010 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV023651.D
Acq: 19 Nov 2021 18:15

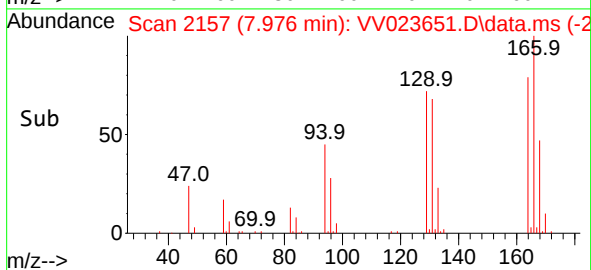
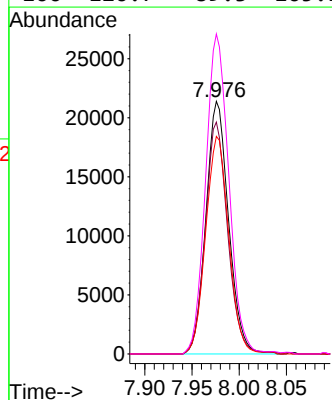
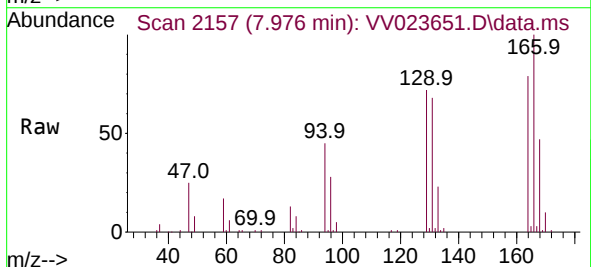
Instrument :
MSVOA_V
ClientSampleId :

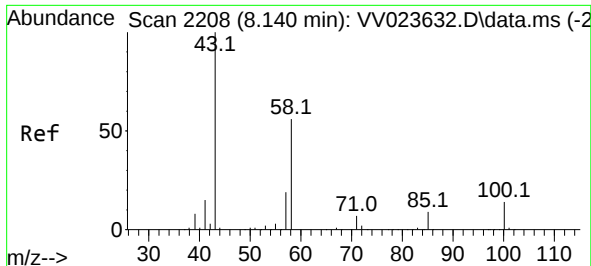
Tgt Ion:	97	Resp:	27158
Ion	Ratio	Lower	Upper
97	100		
99	60.7	43.6	81.0
83	81.6	58.4	108.4
85	54.6	39.8	74.0



#47
Tetrachloroethene
Concen: 4.788 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV023651.D
Acq: 19 Nov 2021 18:15

Tgt Ion:	164	Resp:	35665
Ion	Ratio	Lower	Upper
164	100		
129	91.8	64.0	119.0
131	86.1	63.4	117.8
166	126.7	89.3	165.9

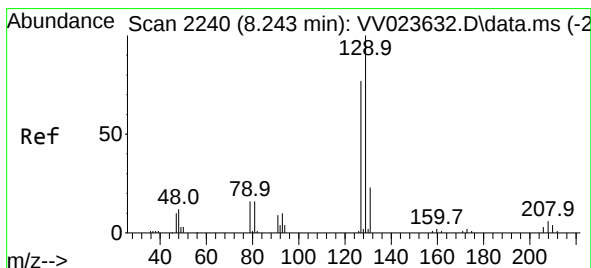
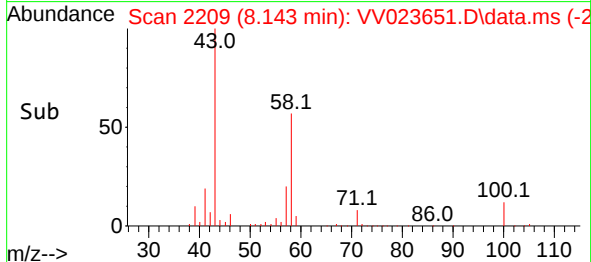
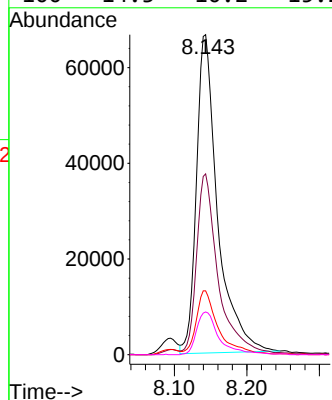
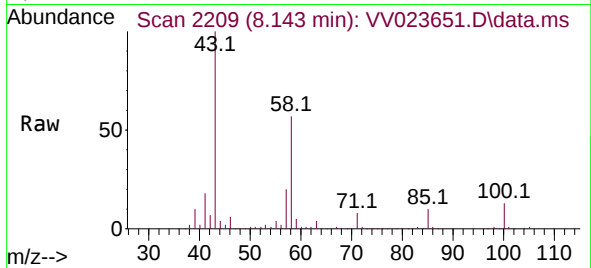




#48
2-Hexanone
Concen: 55.098 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023651.D
Acq: 19 Nov 2021 18:15

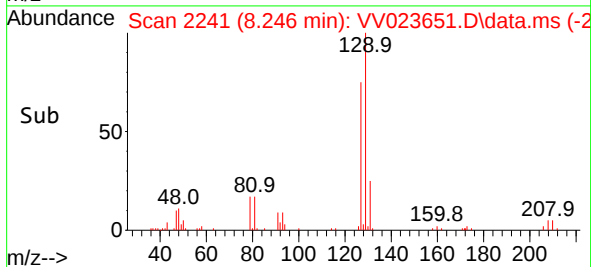
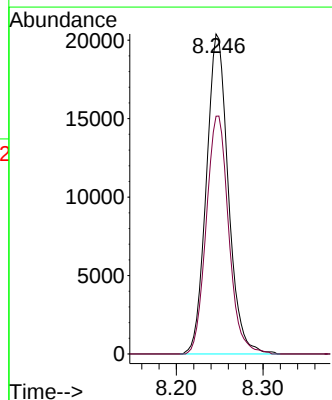
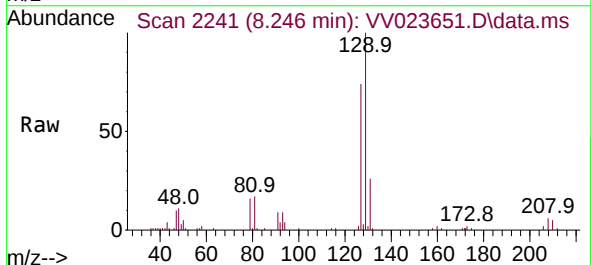
Instrument :
MSVOA_V
ClientSampleId :

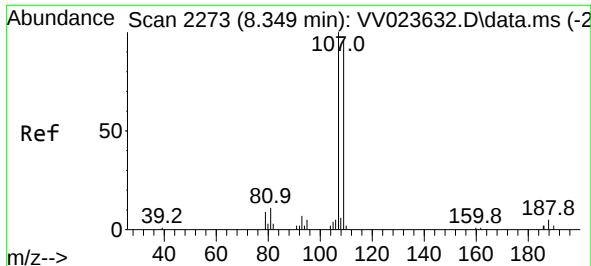
Tgt Ion: 43 Resp: 135099
Ion Ratio Lower Upper
43 100
58 56.7 43.7 65.5
57 20.5 14.1 21.1
100 14.3 10.2 15.2



#49
Dibromochloromethane
Concen: 5.227 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV023651.D
Acq: 19 Nov 2021 18:15

Tgt Ion:129 Resp: 35902
Ion Ratio Lower Upper
129 100
127 74.3 54.7 101.7





#50

1,2-Dibromoethane

Concen: 4.932 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV023651.D

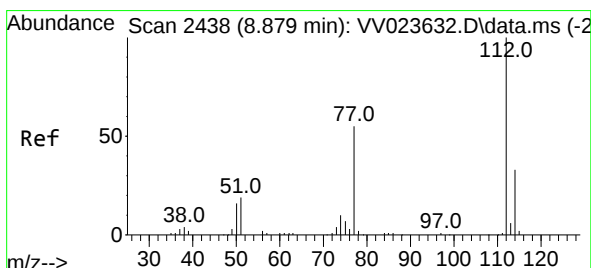
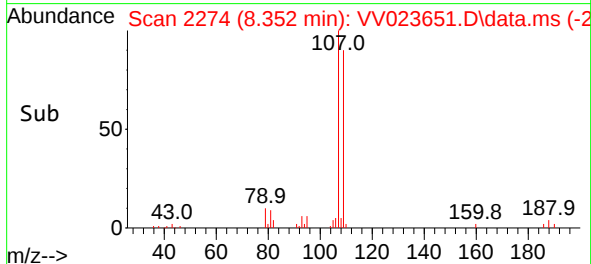
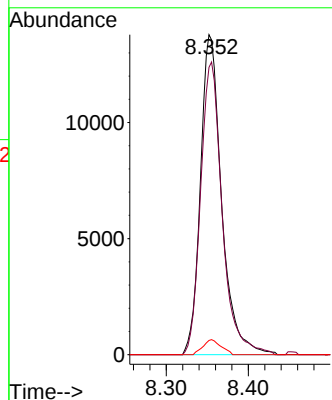
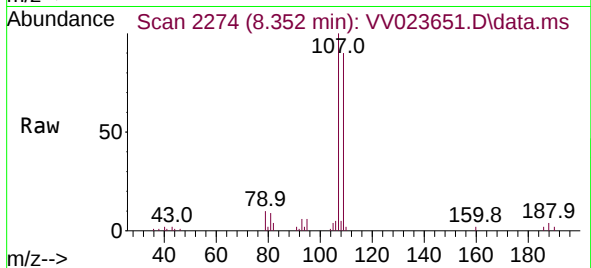
Acq: 19 Nov 2021 18:15

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	24780
Ion	Ratio	Lower	Upper
107	100		
109	89.8	64.7	120.1
188	4.4	3.6	5.4



#51

Chlorobenzene

Concen: 4.784 ug/L

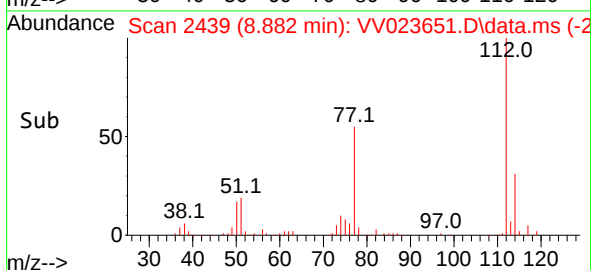
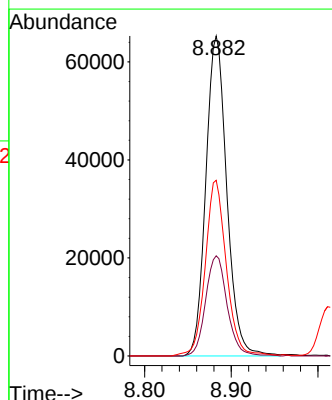
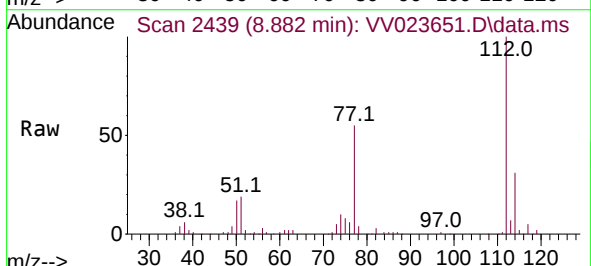
RT: 8.882 min Scan# 2439

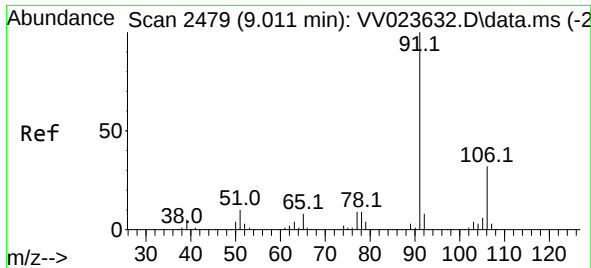
Delta R.T. 0.003 min

Lab File: VV023651.D

Acq: 19 Nov 2021 18:15

Tgt Ion:	112	Resp:	109917
Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.0	40.8
77	54.9	44.4	66.6





#52

Ethylbenzene

Concen: 4.794 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.000 min

Lab File: VV023651.D

Acq: 19 Nov 2021 18:15

Instrument :

MSVOA_V

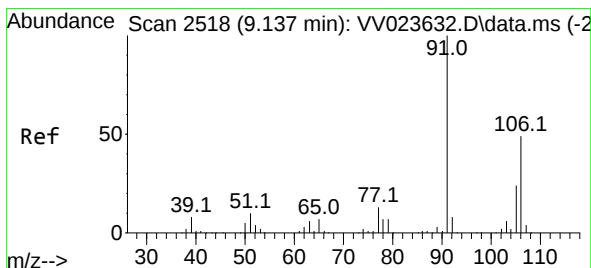
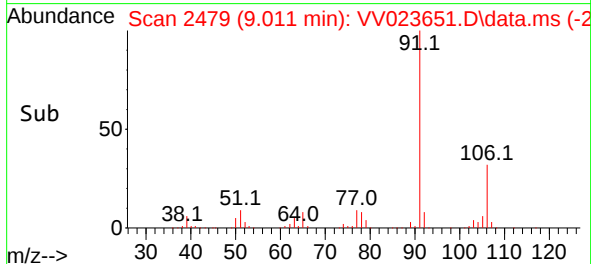
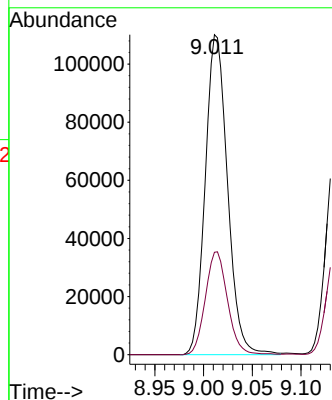
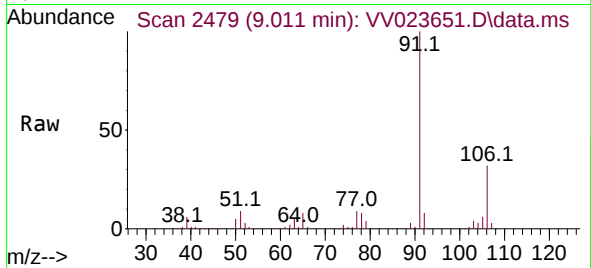
ClientSampleId :

Tgt Ion: 91 Resp: 174798

Ion Ratio Lower Upper

91 100

106 32.0 22.5 41.9



#53

m,p-xylene

Concen: 4.903 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV023651.D

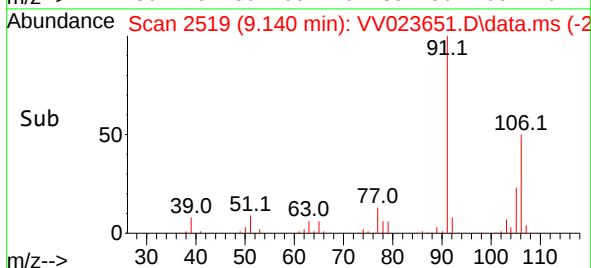
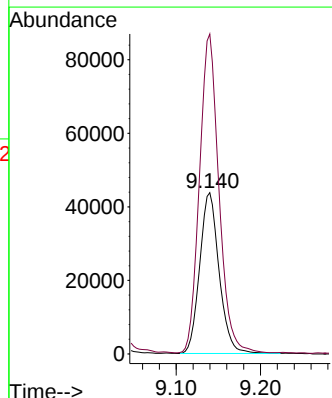
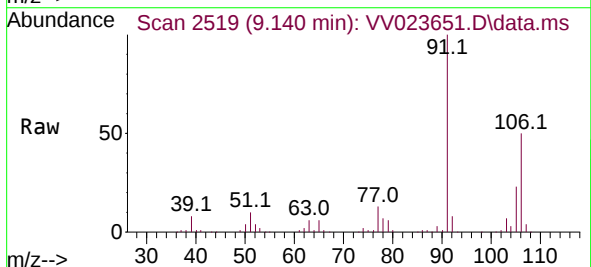
Acq: 19 Nov 2021 18:15

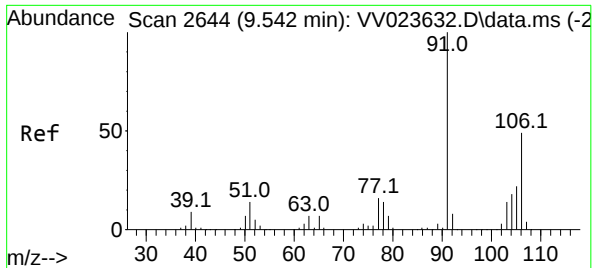
Tgt Ion:106 Resp: 70147

Ion Ratio Lower Upper

106 100

91 198.4 137.2 254.8

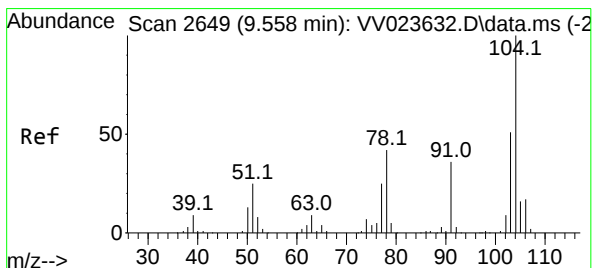
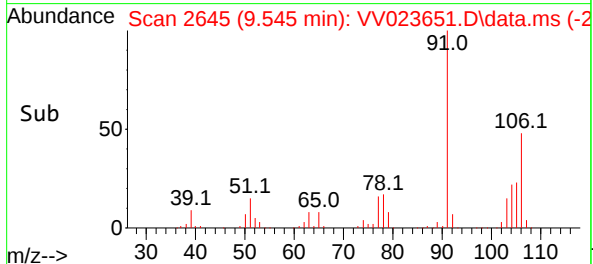
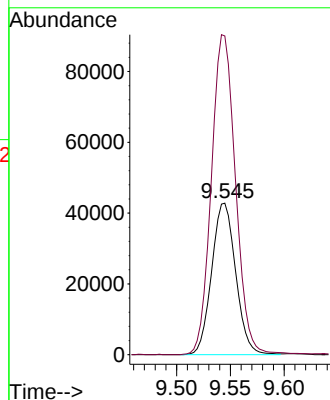
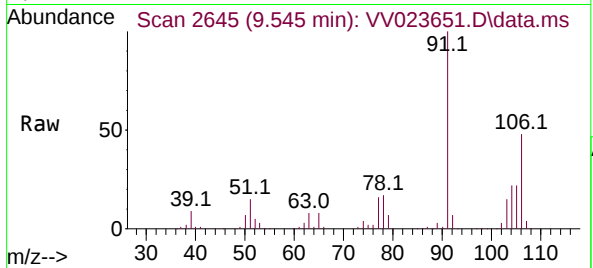




#54
o-xylene
Concen: 4.958 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV023651.D
Acq: 19 Nov 2021 18:15

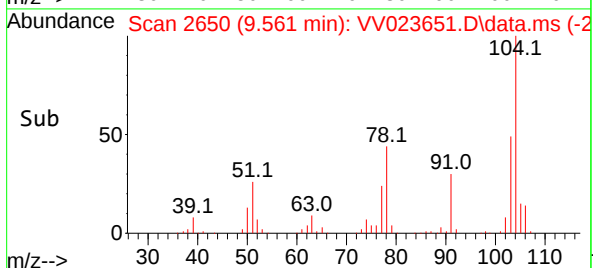
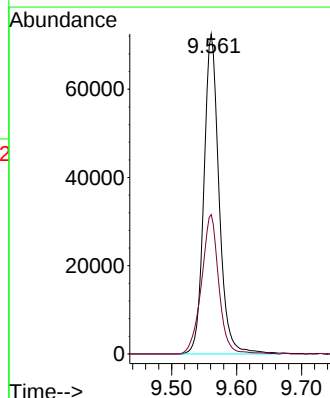
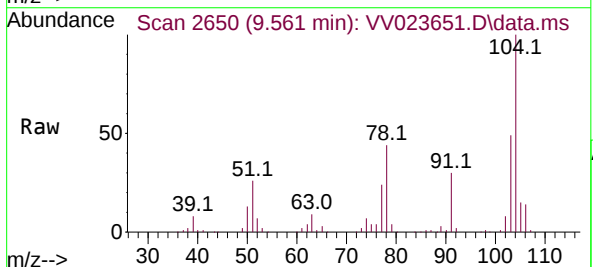
Instrument :
MSVOA_V
ClientSampleId :

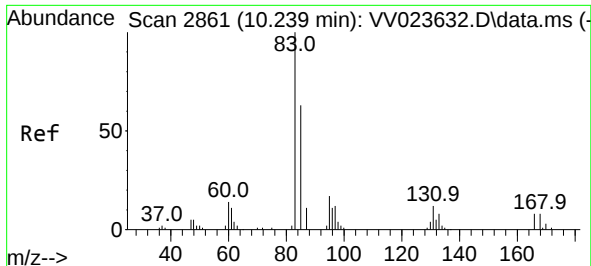
Tgt Ion:106 Resp: 66556
Ion Ratio Lower Upper
106 100
91 210.3 148.3 275.5



#55
Styrene
Concen: 5.138 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV023651.D
Acq: 19 Nov 2021 18:15

Tgt Ion:104 Resp: 118140
Ion Ratio Lower Upper
104 100
78 43.6 29.3 54.3

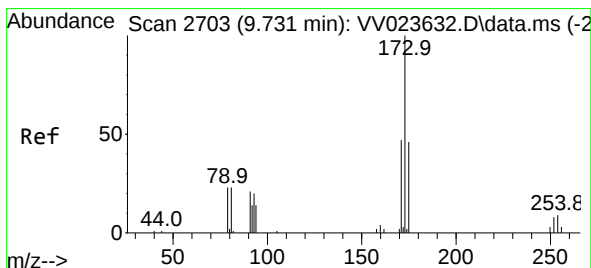
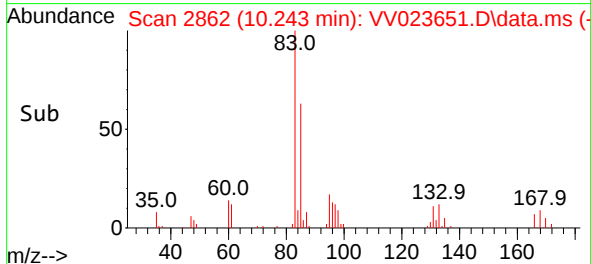
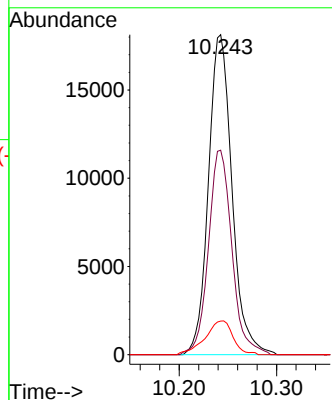
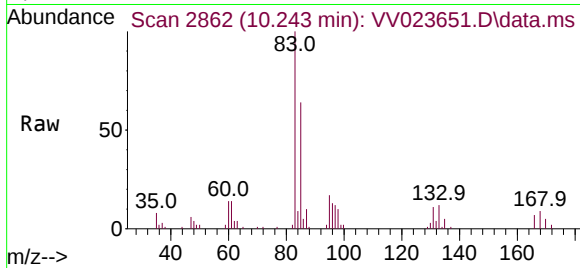




#57
1,1,2,2-Tetrachloroethane
Concen: 5.130 ug/L
RT: 10.243 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023651.D
Acq: 19 Nov 2021 18:15

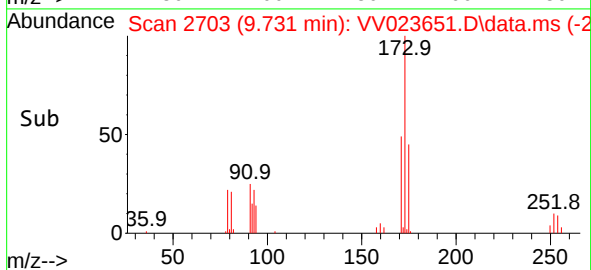
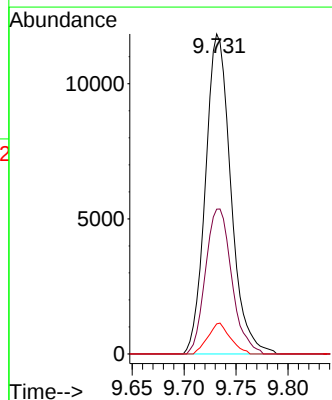
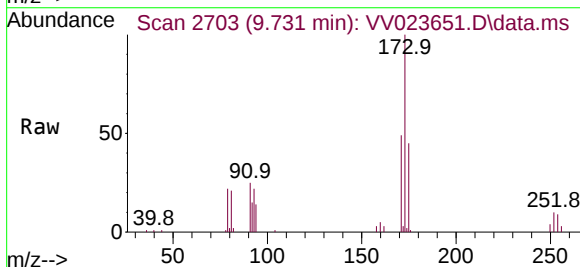
Instrument :
MSVOA_V
ClientSampleId :

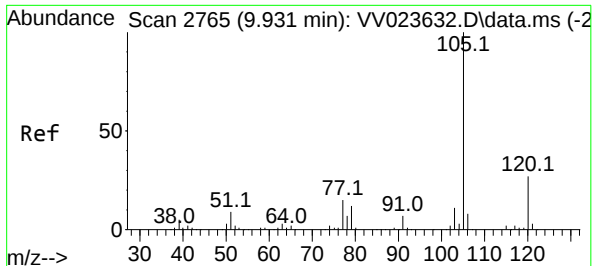
Tgt Ion: 83 Resp: 30468
Ion Ratio Lower Upper
83 100
85 63.9 45.1 83.9
131 10.5 7.8 11.6



#59
Bromoform
Concen: 5.265 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV023651.D
Acq: 19 Nov 2021 18:15

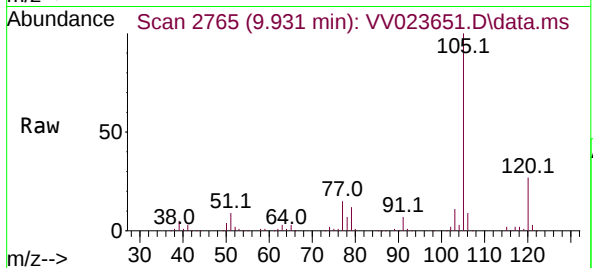
Tgt Ion: 173 Resp: 20091
Ion Ratio Lower Upper
173 100
175 46.9 38.2 57.2
254 8.5 6.2 9.2



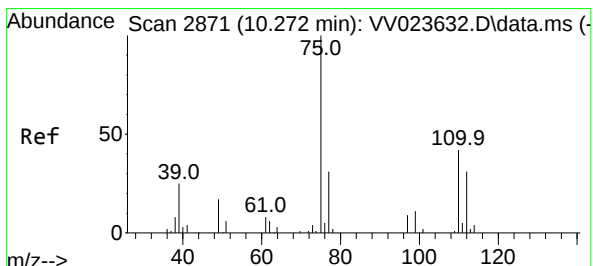
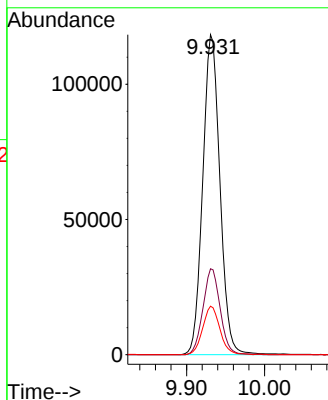
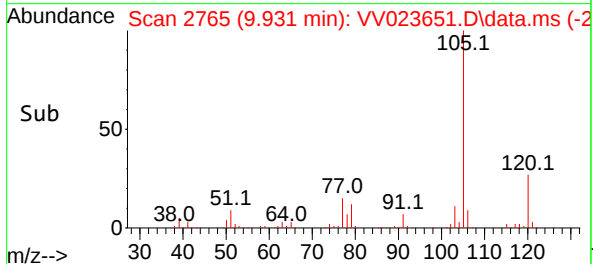


#60
Isopropylbenzene
Concen: 4.946 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023651.D
Acq: 19 Nov 2021 18:15

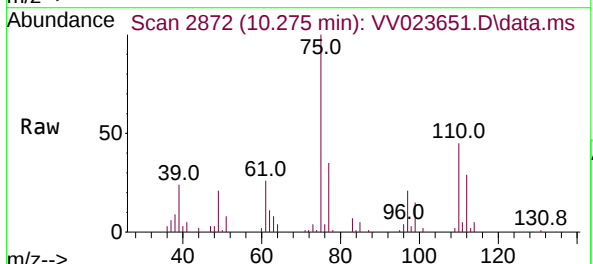
Instrument :
MSVOA_V
ClientSampleId :



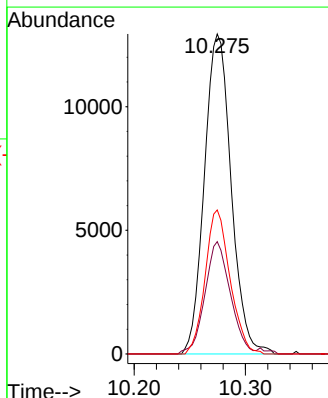
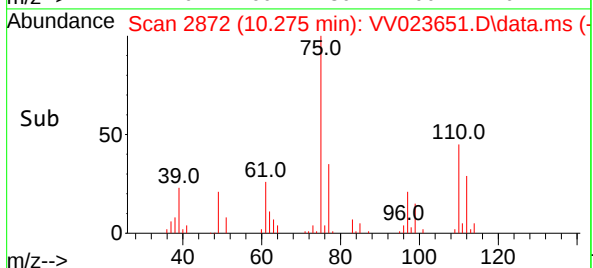
Tgt Ion:105 Resp: 181336
Ion Ratio Lower Upper
105 100
120 26.9 21.7 32.5
77 15.1 12.6 19.0

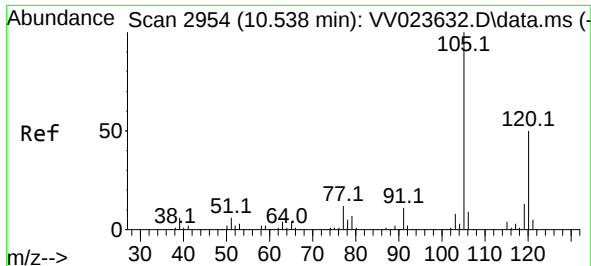


#61
1,2,3-Trichloropropane
Concen: 5.094 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV023651.D
Acq: 19 Nov 2021 18:15



Tgt Ion: 75 Resp: 21620
Ion Ratio Lower Upper
75 100
77 33.2 26.6 39.8
110 41.8 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 4.861 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV023651.D

Acq: 19 Nov 2021 18:15

Instrument :

MSVOA_V

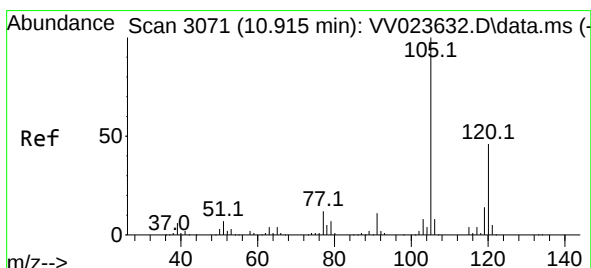
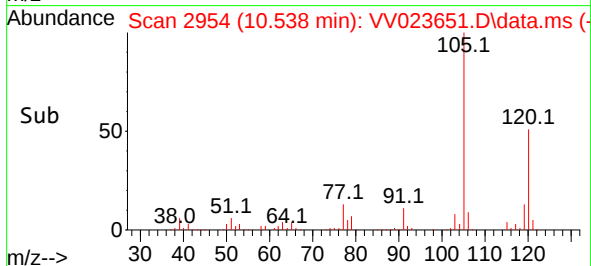
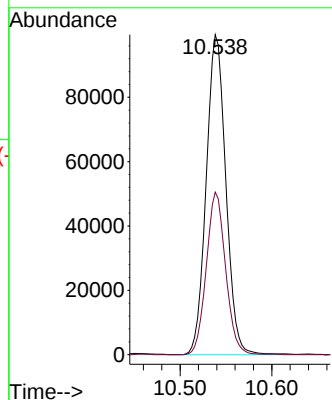
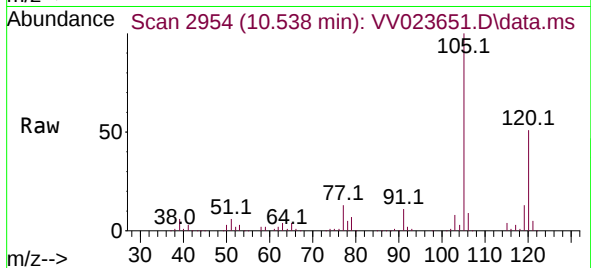
ClientSampleId :

Tgt Ion:105 Resp: 147781

Ion Ratio Lower Upper

105 100

120 50.0 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 4.948 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV023651.D

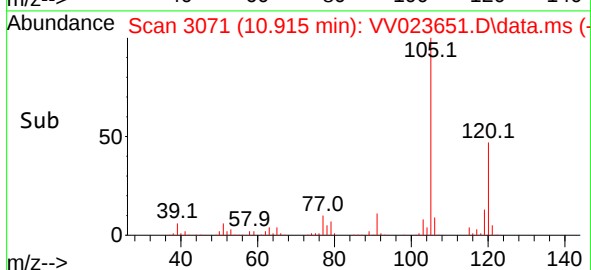
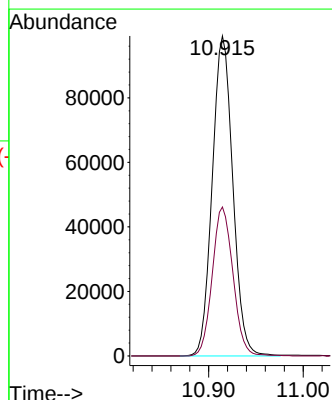
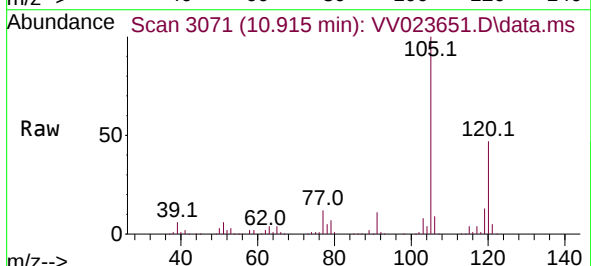
Acq: 19 Nov 2021 18:15

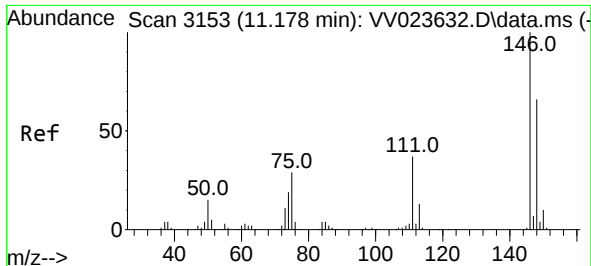
Tgt Ion:105 Resp: 149715

Ion Ratio Lower Upper

105 100

120 46.9 37.4 56.2

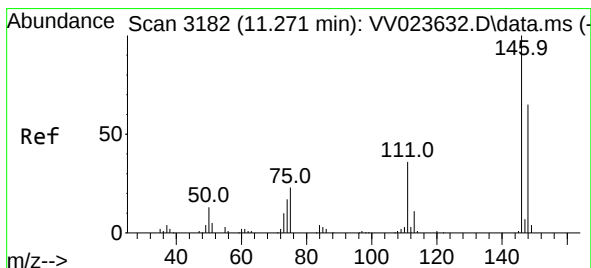
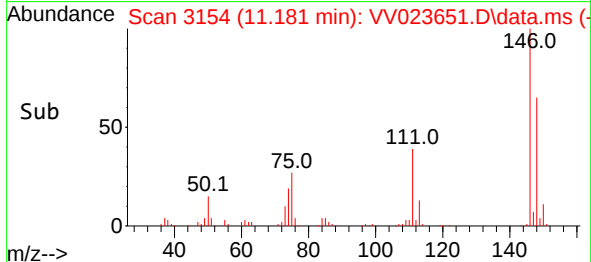
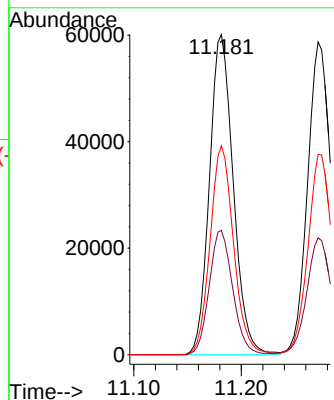
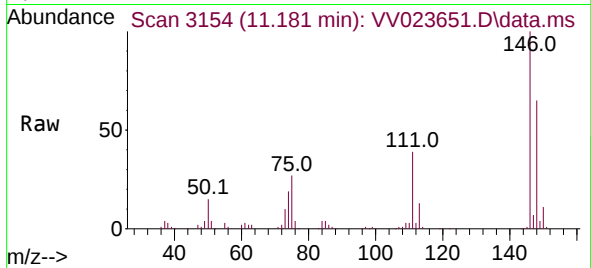




#64
1,3-Dichlorobenzene
Concen: 4.938 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV023651.D
Acq: 19 Nov 2021 18:15

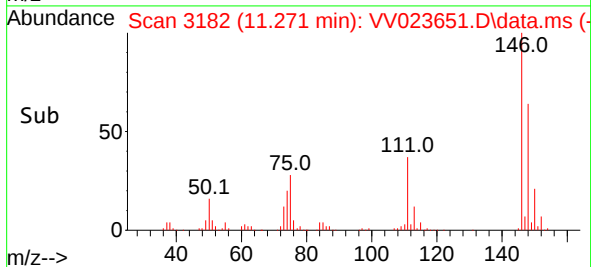
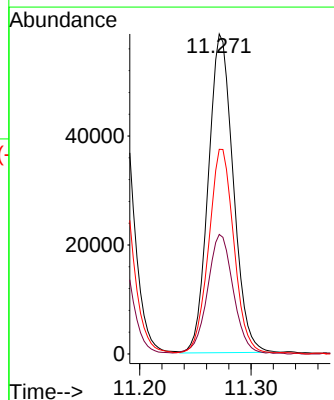
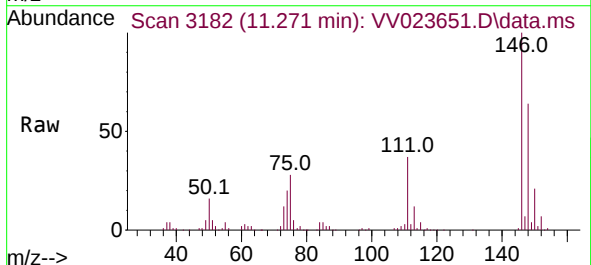
Instrument :
MSVOA_V
ClientSampleId :

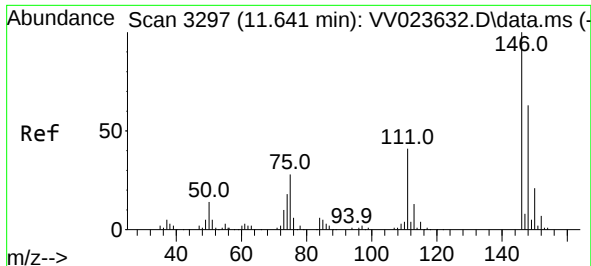
Tgt Ion:146 Resp: 92513
Ion Ratio Lower Upper
146 100
111 38.9 26.7 49.7
148 65.3 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 4.753 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV023651.D
Acq: 19 Nov 2021 18:15

Tgt Ion:146 Resp: 90930
Ion Ratio Lower Upper
146 100
111 37.3 26.2 48.8
148 64.0 44.4 82.5

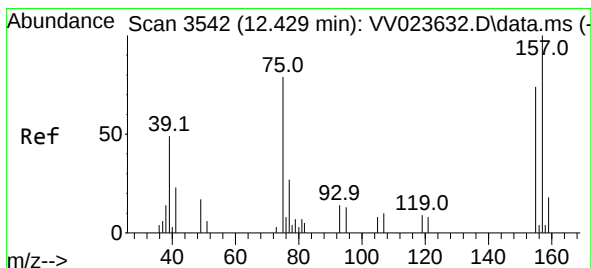
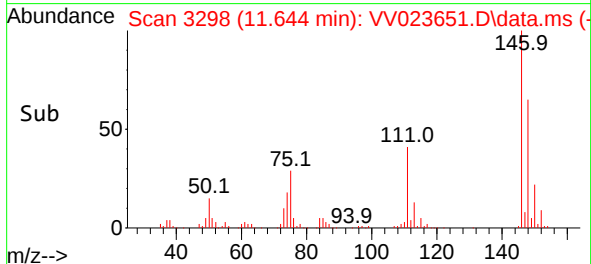
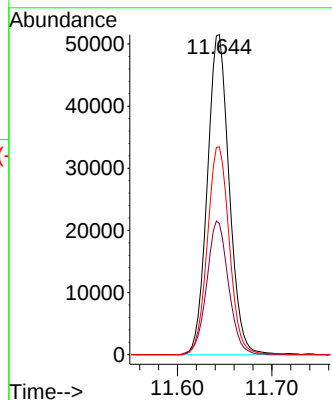
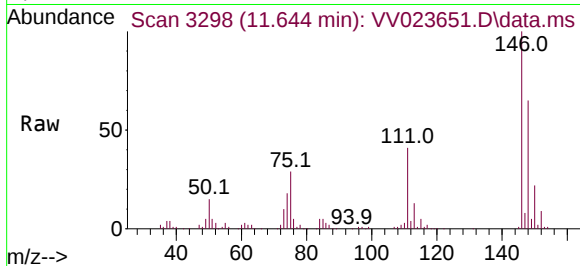




#67
 1,2-Dichlorobenzene
 Concen: 4.943 ug/L
 RT: 11.644 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV023651.D
 Acq: 19 Nov 2021 18:15

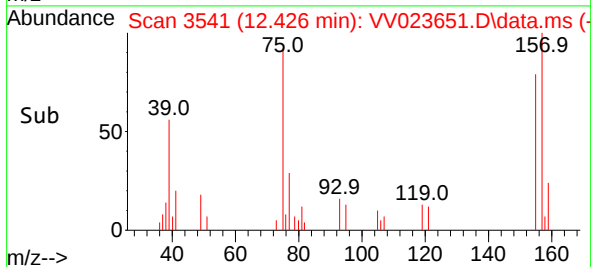
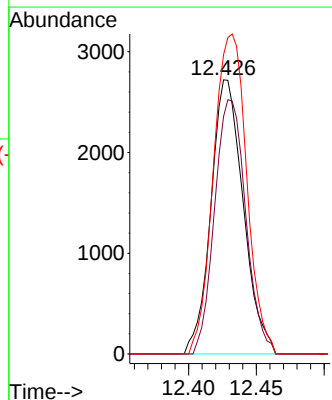
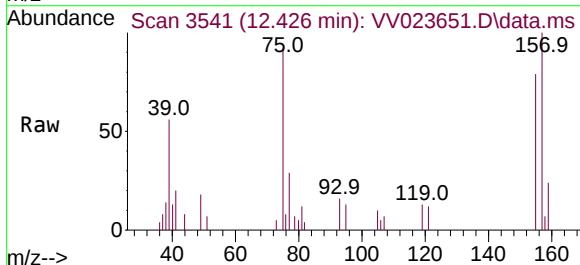
Instrument :
 MSVOA_V
 ClientSampleId :

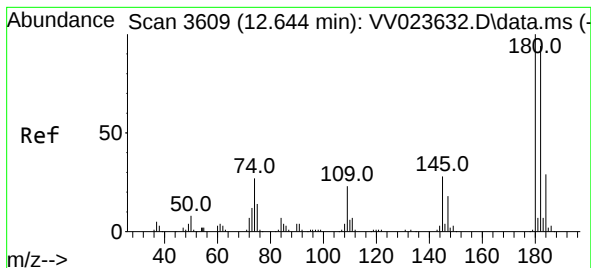
Tgt Ion:146 Resp: 82860
 Ion Ratio Lower Upper
 146 100
 111 40.9 31.6 47.4
 148 65.0 51.0 76.6



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.987 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. -0.003 min
 Lab File: VV023651.D
 Acq: 19 Nov 2021 18:15

Tgt Ion: 75 Resp: 4509
 Ion Ratio Lower Upper
 75 100
 155 86.7 67.7 101.5
 157 109.2 87.9 131.9





#69

1,3,5-Trichlorobenzene

Concen: 4.721 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

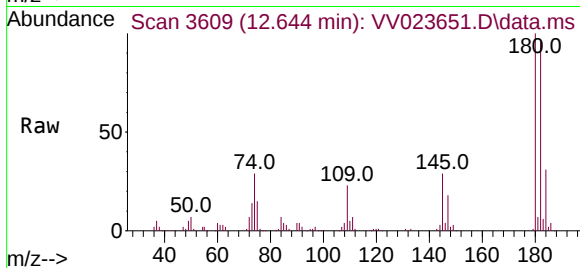
Lab File: VV023651.D

Acq: 19 Nov 2021 18:15

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 69253

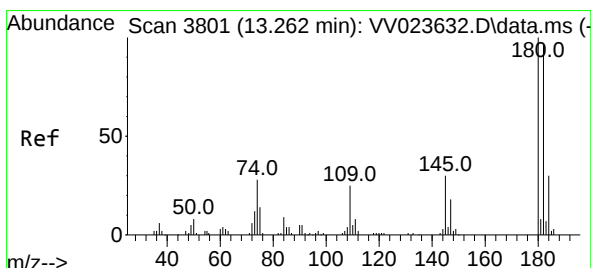
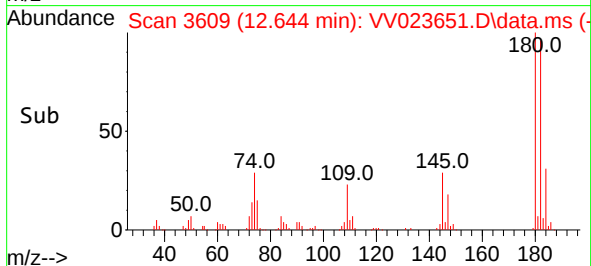
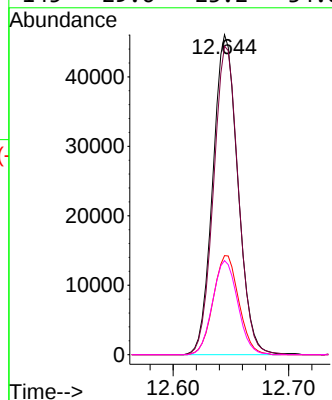
Ion Ratio Lower Upper

180 100

182 95.8 74.9 112.3

184 31.7 23.8 35.8

145 29.6 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 4.457 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. -0.000 min

Lab File: VV023651.D

Acq: 19 Nov 2021 18:15

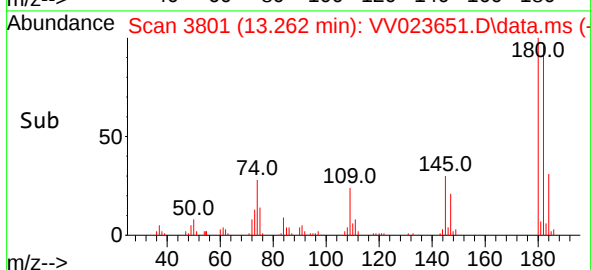
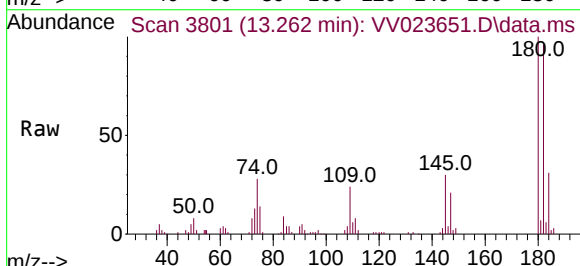
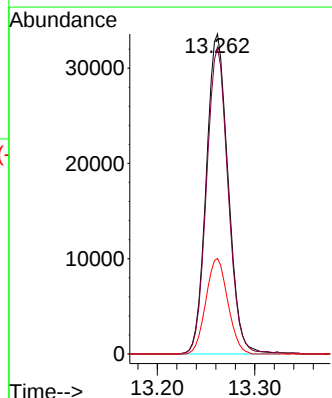
Tgt Ion:180 Resp: 52348

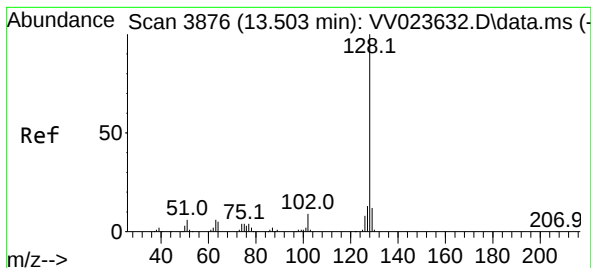
Ion Ratio Lower Upper

180 100

182 94.6 76.9 115.3

145 29.9 24.4 36.6





#71

Naphthalene

Concen: 4.097 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. -0.000 min

Lab File: VV023651.D

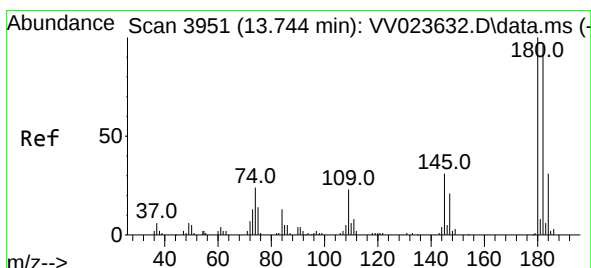
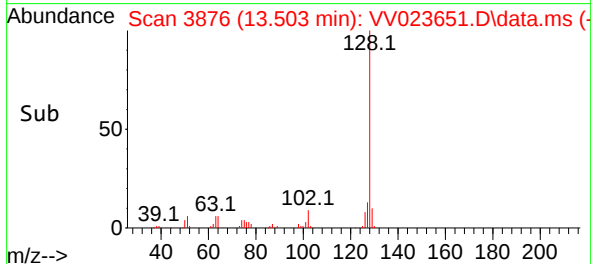
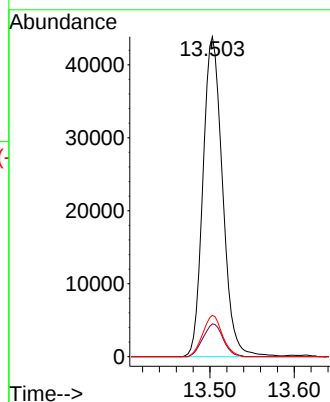
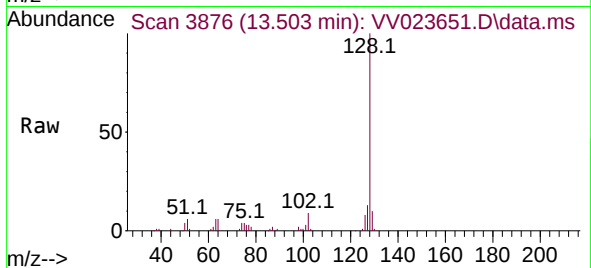
Acq: 19 Nov 2021 18:15

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	70952
Ion Ratio	Lower	Upper
128	100	
129	10.6	8.6 13.0
127	12.9	10.5 15.7



#72

1,2,3-Trichlorobenzene

Concen: 4.737 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. -0.000 min

Lab File: VV023651.D

Acq: 19 Nov 2021 18:15

Tgt Ion:180	Resp:	48679
Ion Ratio	Lower	Upper
180	100	
182	93.6	76.7 115.1
145	30.2	25.7 38.5

