

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110921\
 Data File : VW023331.D
 Acq On : 10 Nov 2021 14:32
 Operator : SY/MD
 Sample : M4558-02MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 11 00:42:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 00:38:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	120274	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	119954	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	65298	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	27572	3.659	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.200%	
7) Chloroethane-d5	1.568	69	26532	4.321	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.400%	
11) 1,1-Dichloroethene-d2	2.111	63	61755	4.378	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.600%	
20) 2-Butanone-d5	3.892	46	94752	72.993	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	145.980%#	
24) Chloroform-d	4.352	84	77535	4.829	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.600%	
26) 1,2-Dichloroethane-d4	5.037	65	36489	5.053	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.000%	
32) Benzene-d6	5.053	84	139902	4.546	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.000%	
36) 1,2-Dichloropropane-d6	6.072	67	43880	4.843	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.800%	
41) Toluene-d8	7.317	98	127349	4.415	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.400%	
43) trans-1,3-Dichloroprop...	7.625	79	15289	4.450	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.000%	
46) 2-Hexanone-d5	8.088	63	78892	62.415	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	124.820%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34915	5.359	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	50476	4.642	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	58418	4.981	ug/L	100
3) Chloromethane	1.240	50	56395	5.656	ug/L	95
5) Vinyl chloride	1.310	62	62329	6.259	ug/L	99
6) Bromomethane	1.523	94	32487	5.103	ug/L	98
8) Chloroethane	1.587	64	33502	5.830	ug/L	99
9) Trichlorofluoromethane	1.754	101	82443	5.510	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	40003	5.310	ug/L	98
12) 1,1-Dichloroethene	2.121	96	39487	5.505	ug/L	83
13) Acetone	2.182	43	61416	77.431	ug/L	89
14) Carbon disulfide	2.298	76	138780	5.127	ug/L	99
15) Methyl Acetate	2.439	43	12396	5.522	ug/L	94
16) Methylene chloride	2.510	84	48136	4.599	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	87066	5.515	ug/L	96
18) trans-1,2-Dichloroethene	2.764	96	49838	5.653	ug/L	98
19) 1,1-Dichloroethane	3.191	63	84312	5.664	ug/L	99
21) 2-Butanone	3.976	43	91037	70.991	ug/L	99
22) cis-1,2-Dichloroethene	3.915	96	115562	13.619	ug/L #	94
23) Bromochloromethane	4.252	128	22641	5.786	ug/L #	82
25) Chloroform	4.378	83	88218	5.560	ug/L	98

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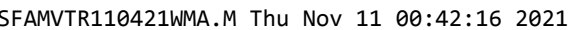
Instrument :
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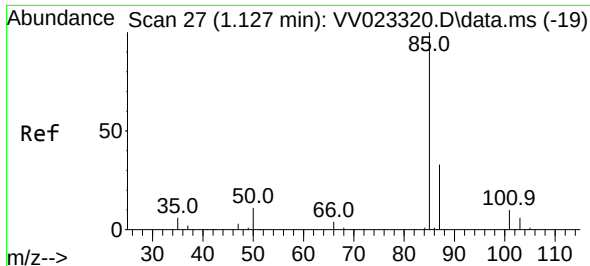
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	46905	5.557	ug/L	98
29) 1,1,1-Trichloroethane	4.613	97	79441	5.453	ug/L	99
30) Cyclohexane	4.680	56	67375	5.161	ug/L	98
31) Carbon tetrachloride	4.831	117	70748	5.407	ug/L	96
33) Benzene	5.101	78	189968	5.666	ug/L	100
34) Trichloroethene	5.918	95	61518	6.900	ug/L	92
35) Methylcyclohexane	6.133	83	68546	4.871	ug/L	96
37) 1,2-Dichloropropane	6.175	63	45414	5.802	ug/L	98
38) Bromodichloromethane	6.513	83	59013	5.626	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	55777	4.955	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	236027	65.019	ug/L	99
42) Toluene	7.391	91	204575	5.705	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	46230	4.949	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	31283	5.563	ug/L	98
47) Tetrachloroethene	7.976	164	42825	5.542	ug/L	99
48) 2-Hexanone	8.140	43	175786	69.107	ug/L	98
49) Dibromochloromethane	8.246	129	40362	5.664	ug/L	96
50) 1,2-Dibromoethane	8.355	107	29907	5.738	ug/L #	97
51) Chlorobenzene	8.882	112	129094	5.416	ug/L	99
52) Ethylbenzene	9.014	91	204685	5.412	ug/L	100
53) m,p-xylene	9.140	106	81406	5.484	ug/L	97
54) o-xylene	9.545	106	77277	5.549	ug/L	99
55) Styrene	9.561	104	136726	5.731	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	36032	5.848	ug/L	97
59) Bromoform	9.735	173	22181	5.687	ug/L	98
60) Isopropylbenzene	9.934	105	204964	5.470	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	26179	6.035	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	164935	5.309	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	167954	5.431	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	107722	5.626	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	107327	5.489	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	97400	5.685	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	5022	5.434	ug/L	92
69) 1,3,5-Trichlorobenzene	12.648	180	76885	5.129	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	61196	5.098	ug/L	98
71) Naphthalene	13.503	128	89819	5.074	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	55979	5.330	ug/L	99

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

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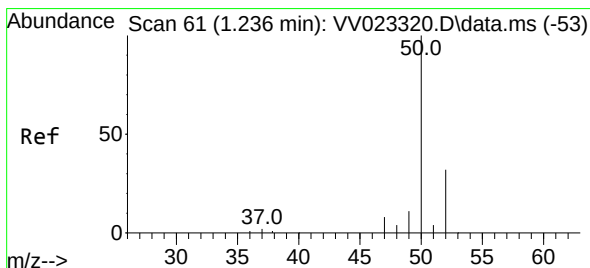
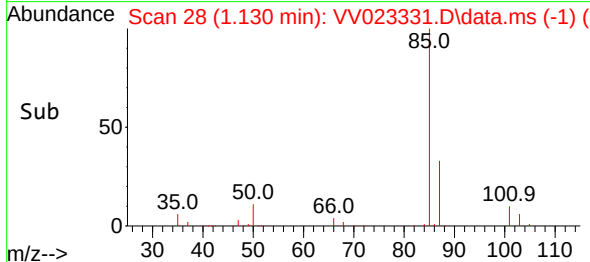
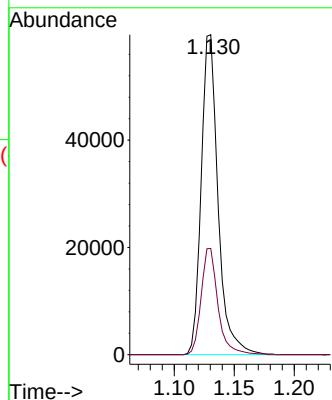
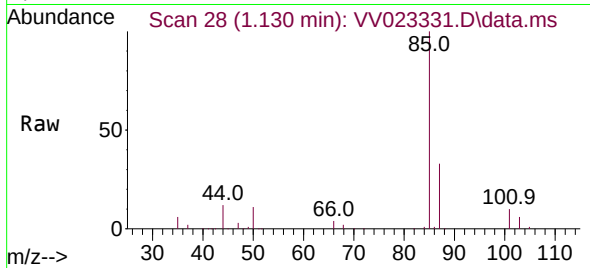




#2
 Dichlorodifluoromethane
 Concen: 4.981 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV023331.D
 Acq: 10 Nov 2021 14:32

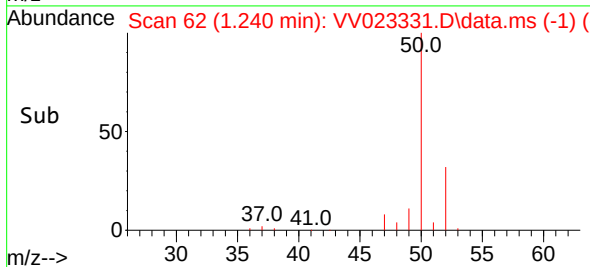
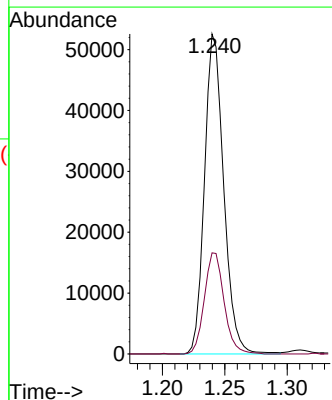
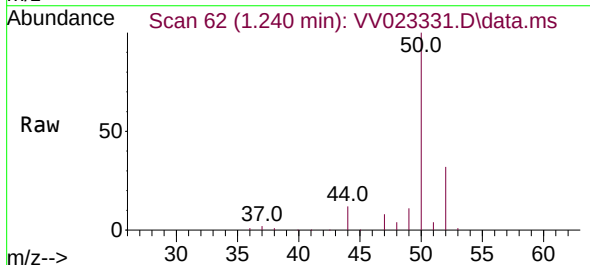
Instrument :
 MSVOA_V
 ClientSampleId :

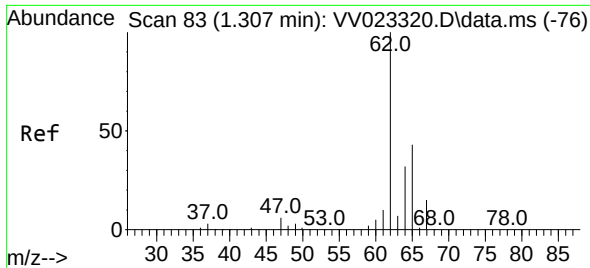
Tgt Ion: 85 Resp: 58418
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.6 39.8



#3
 Chloromethane
 Concen: 5.656 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV023331.D
 Acq: 10 Nov 2021 14:32

Tgt Ion: 50 Resp: 56395
 Ion Ratio Lower Upper
 50 100
 52 31.6 24.3 45.1

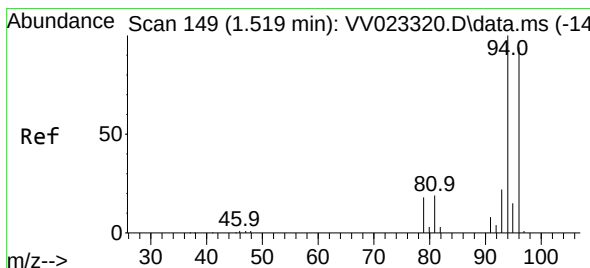
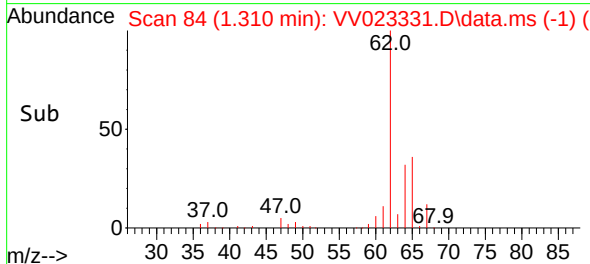
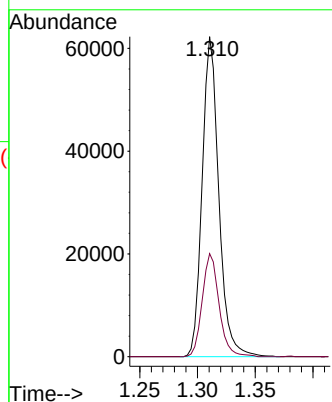
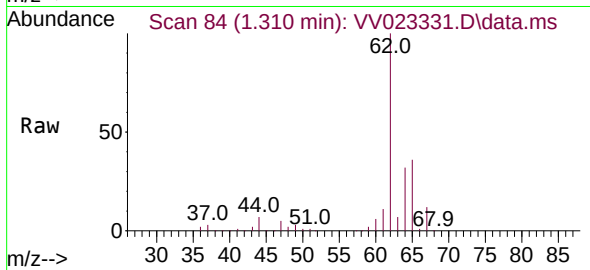




#5
 Vinyl chloride
 Concen: 6.259 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023331.D
 Acq: 10 Nov 2021 14:32

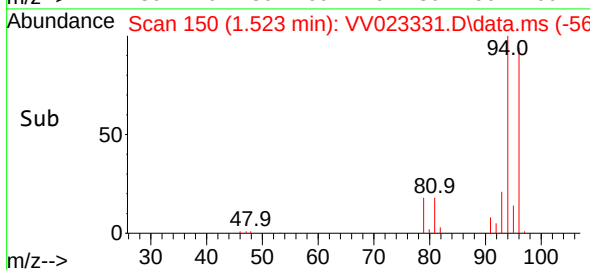
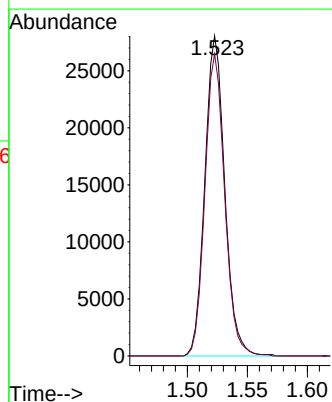
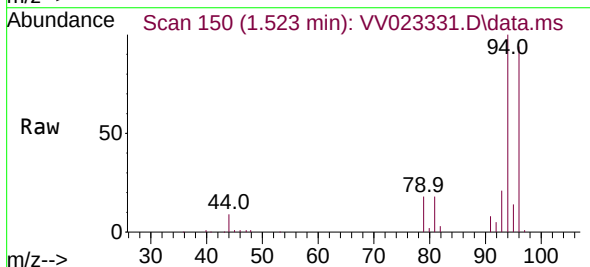
Instrument :
 MSVOA_V
 ClientSampleId :

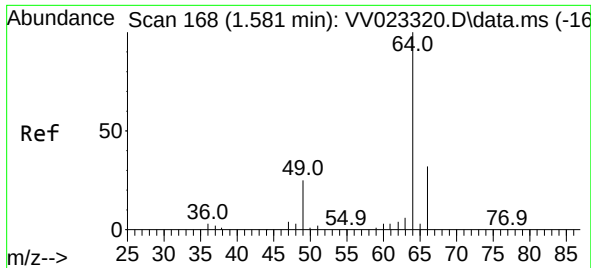
Tgt Ion: 62 Resp: 62329
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.1 42.9



#6
 Bromomethane
 Concen: 5.103 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV023331.D
 Acq: 10 Nov 2021 14:32

Tgt Ion: 94 Resp: 32487
 Ion Ratio Lower Upper
 94 100
 96 94.4 65.0 120.8





#8

Chloroethane

Concen: 5.830 ug/L

RT: 1.587 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV023331.D

Acq: 10 Nov 2021 14:32

Instrument :

MSVOA_V

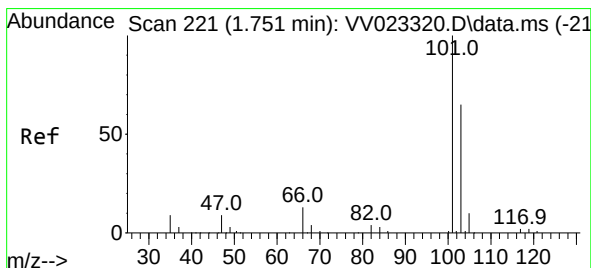
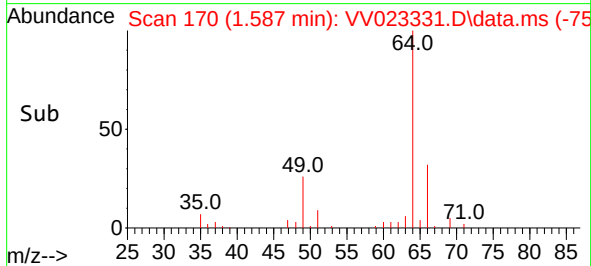
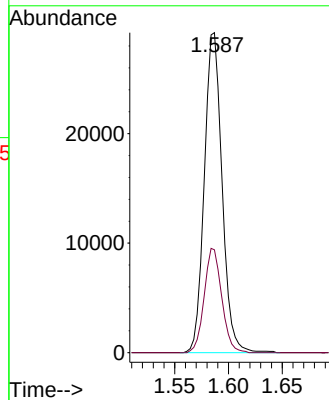
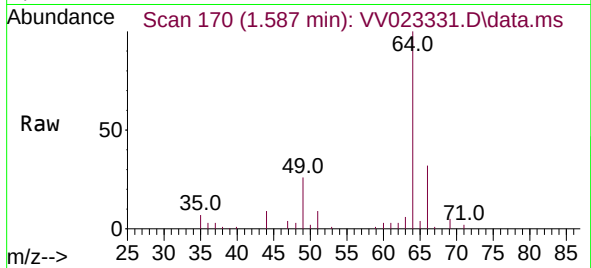
ClientSampleId :

Tgt Ion: 64 Resp: 33502

Ion Ratio Lower Upper

64 100

66 32.2 22.1 41.1



#9

Trichlorofluoromethane

Concen: 5.510 ug/L

RT: 1.754 min Scan# 222

Delta R.T. 0.003 min

Lab File: VV023331.D

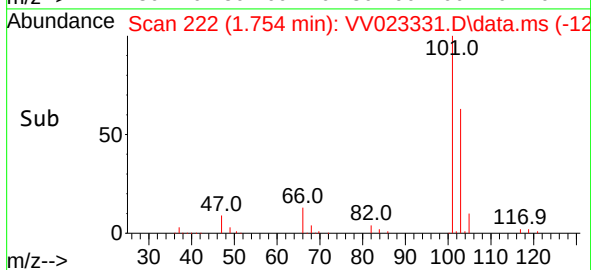
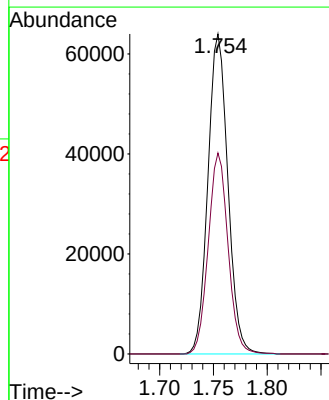
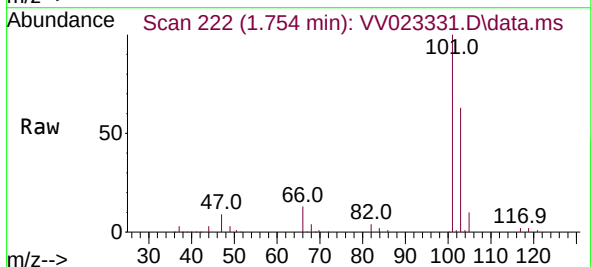
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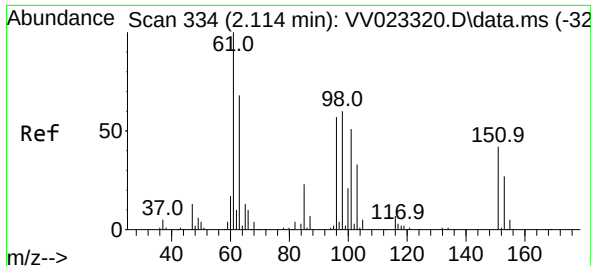
Tgt Ion:101 Resp: 82443

Ion Ratio Lower Upper

101 100

103 62.4 52.6 79.0





#10

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

Concen: 5.310 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV023331.D

Acq: 10 Nov 2021 14:32

Instrument :

MSVOA_V

ClientSampleId :

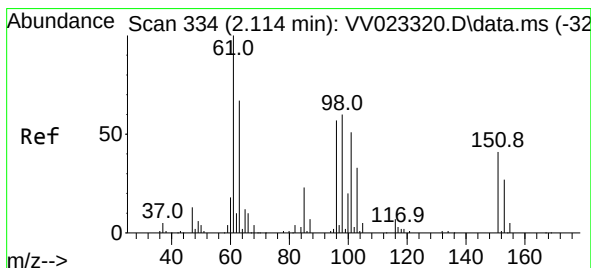
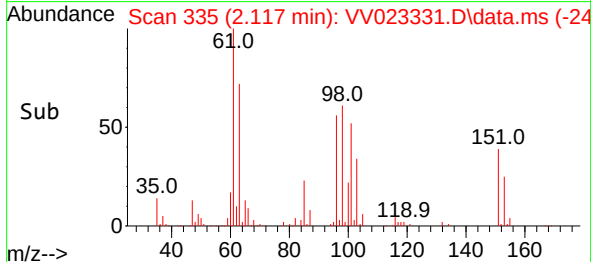
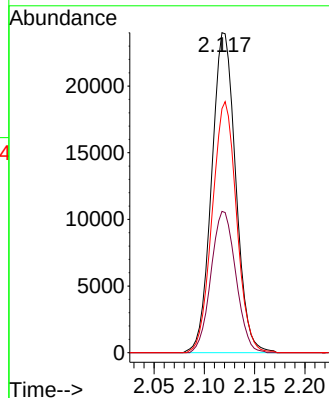
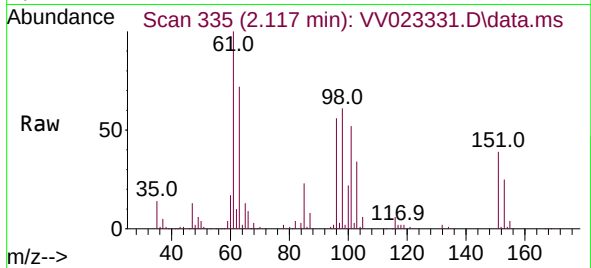
Tgt Ion:101 Resp: 40003

Ion Ratio Lower Upper

101 100

85 45.4 35.3 52.9

151 79.3 62.2 93.2



#12

1,1-Dichloroethene

Concen: 5.505 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.006 min

Lab File: VV023331.D

Acq: 10 Nov 2021 14:32

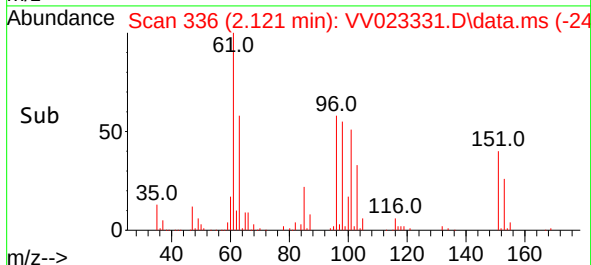
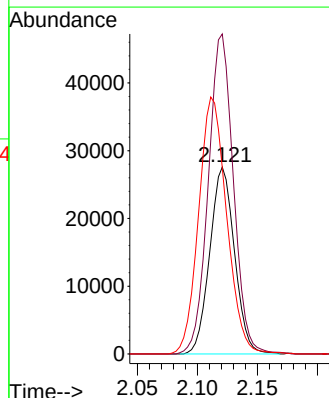
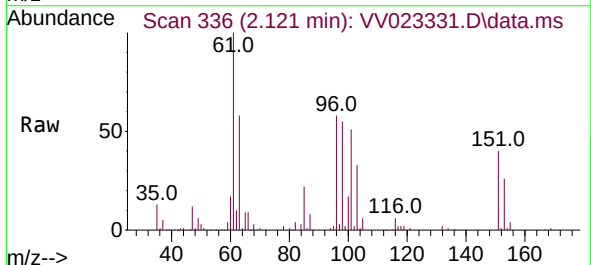
Tgt Ion: 96 Resp: 39487

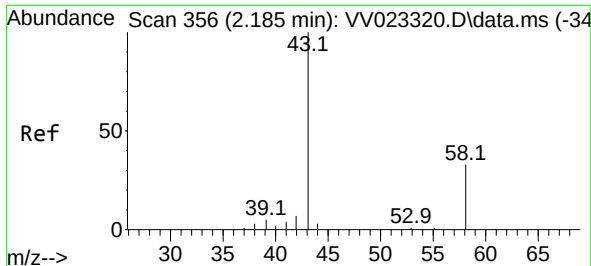
Ion Ratio Lower Upper

96 100

61 171.2 121.5 225.7

63 99.7 99.6 185.0





#13

Acetone

Concen: 77.431 ug/L

RT: 2.182 min Scan# 3

Delta R.T. -0.003 min

Lab File: VV023331.D

Acq: 10 Nov 2021 14:32

Instrument :

MSVOA_V

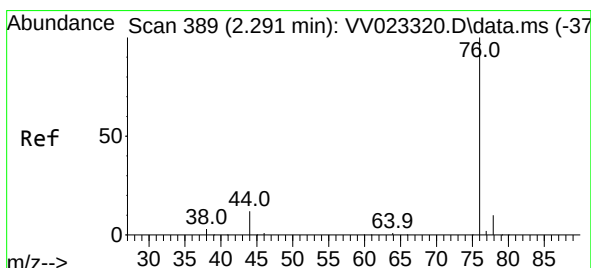
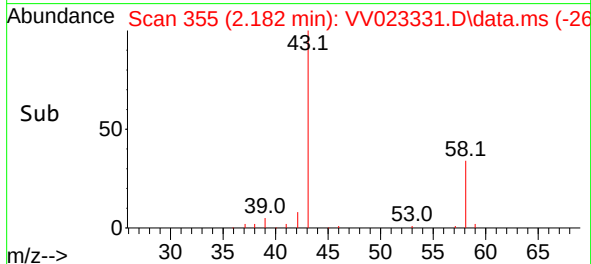
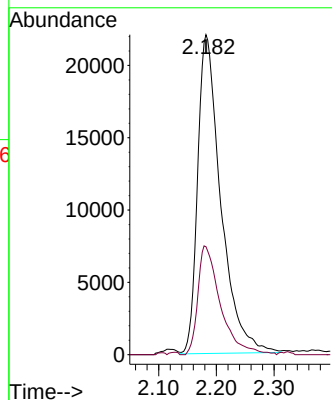
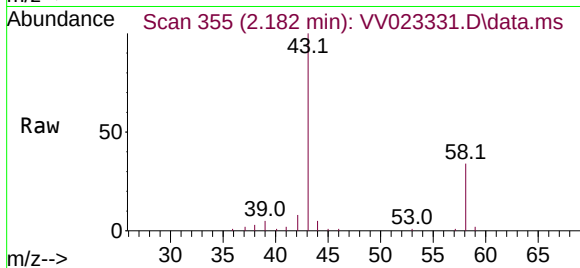
ClientSampleId :

Tgt Ion: 43 Resp: 61416

Ion Ratio Lower Upper

43 100

58 33.2 0.0 55.4



#14

Carbon disulfide

Concen: 5.127 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.006 min

Lab File: VV023331.D

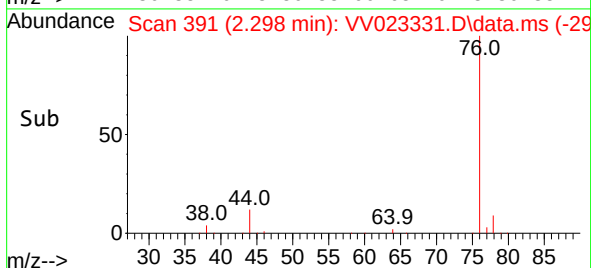
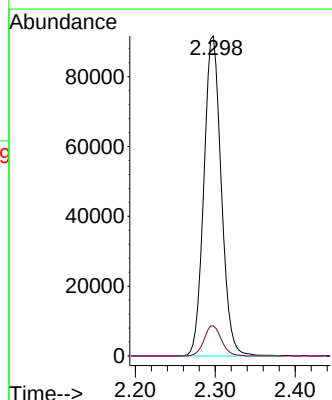
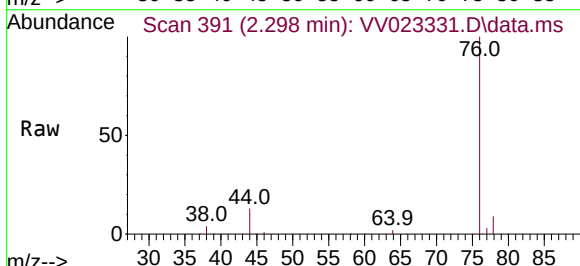
Acq: 10 Nov 2021 14:32

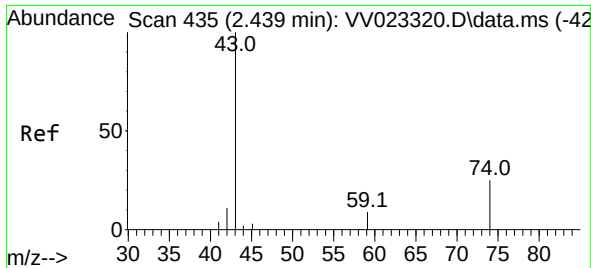
Tgt Ion: 76 Resp: 138780

Ion Ratio Lower Upper

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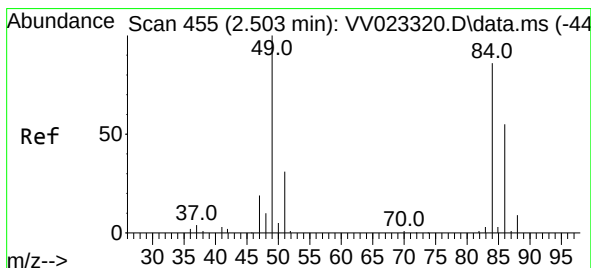
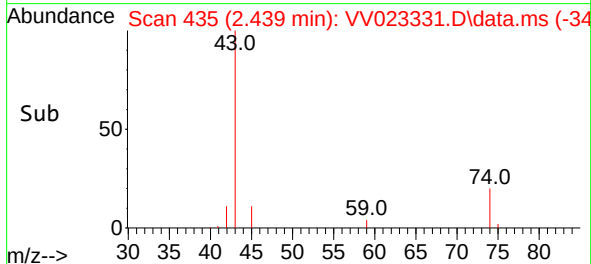
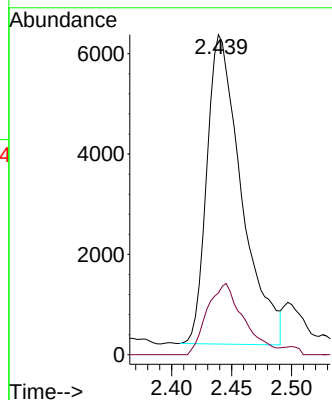
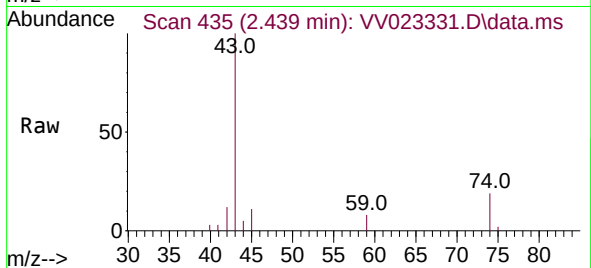




#15
Methyl Acetate
Concen: 5.522 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV023331.D
Acq: 10 Nov 2021 14:32

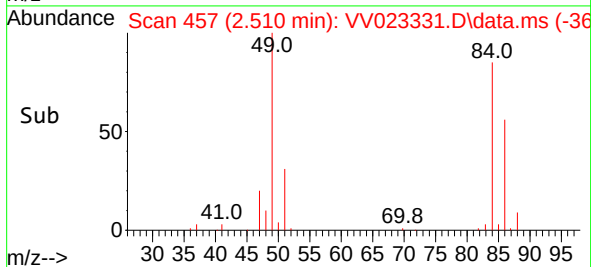
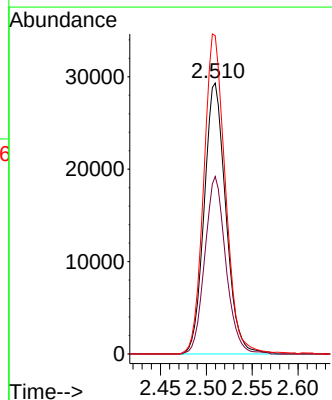
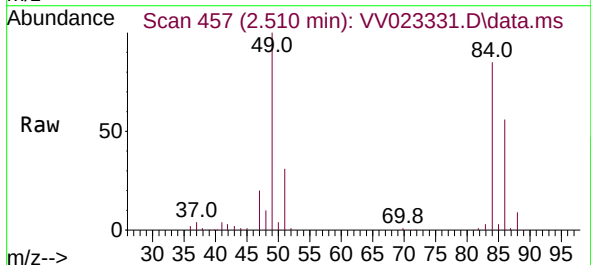
Instrument :
MSVOA_V
ClientSampleId :

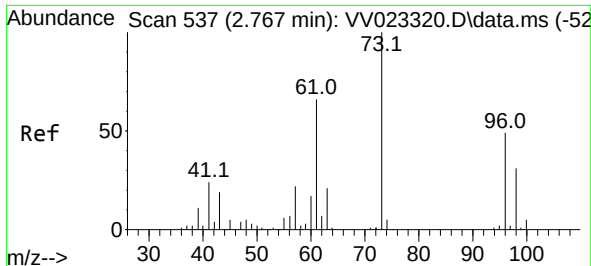
Tgt Ion: 43 Resp: 12396
Ion Ratio Lower Upper
43 100
74 24.5 22.2 33.2



#16
Methylene chloride
Concen: 4.599 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.006 min
Lab File: VV023331.D
Acq: 10 Nov 2021 14:32

Tgt Ion: 84 Resp: 48136
Ion Ratio Lower Upper
84 100
86 65.5 42.3 78.5
49 117.5 79.7 148.1

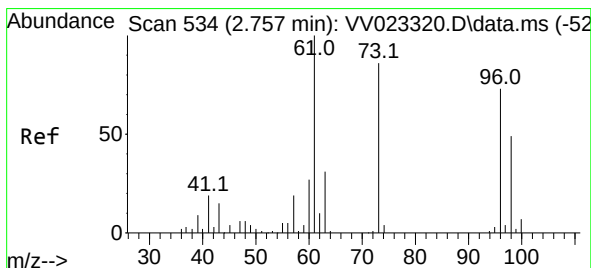
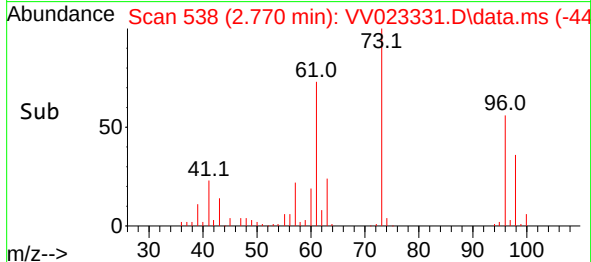
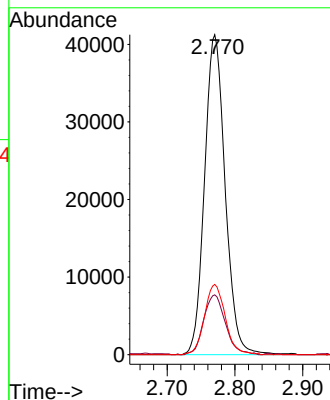
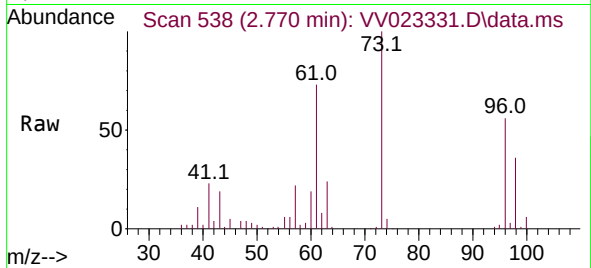




#17
Methyl tert-butyl Ether
Concen: 5.515 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023331.D
Acq: 10 Nov 2021 14:32

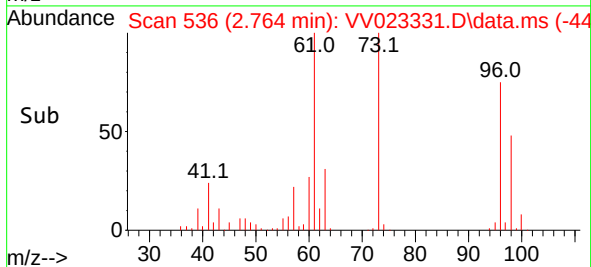
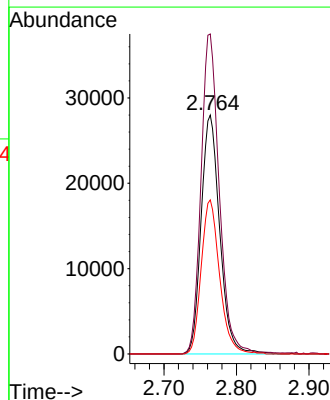
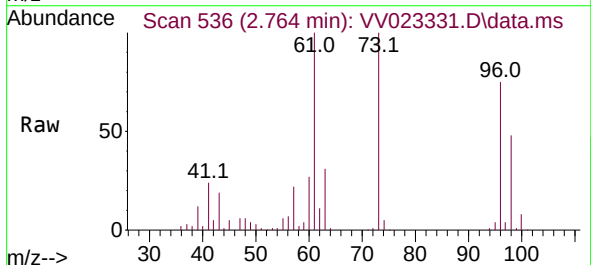
Instrument :
MSVOA_V
ClientSampleId :

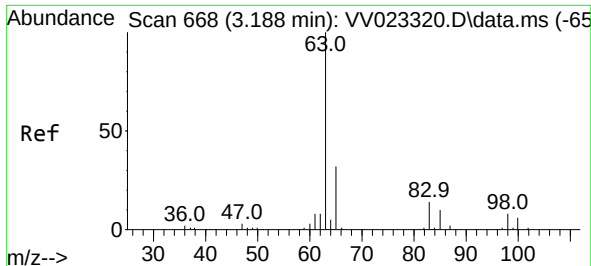
Tgt Ion: 73 Resp: 87066
Ion Ratio Lower Upper
73 100
43 19.8 17.4 26.0
57 22.2 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 5.653 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.006 min
Lab File: VV023331.D
Acq: 10 Nov 2021 14:32

Tgt Ion: 96 Resp: 49838
Ion Ratio Lower Upper
96 100
61 133.9 93.2 173.2
98 64.5 47.0 87.2





#19

1,1-Dichloroethane

Concen: 5.664 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV023331.D

Acq: 10 Nov 2021 14:32

Instrument :

MSVOA_V

ClientSampleId :

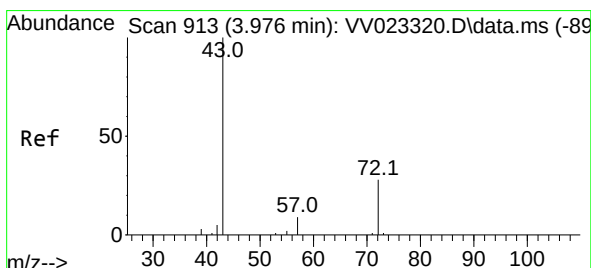
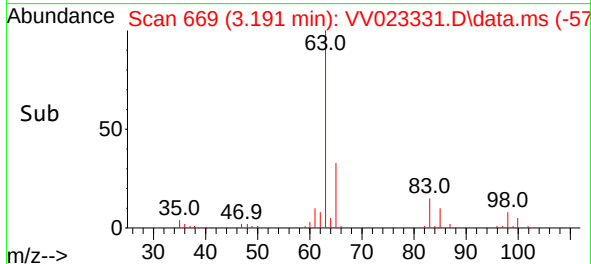
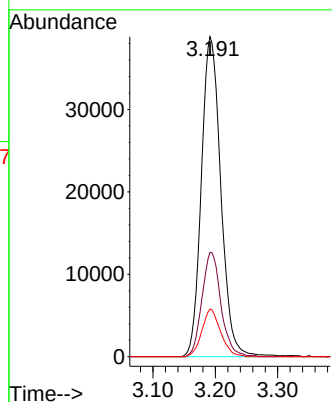
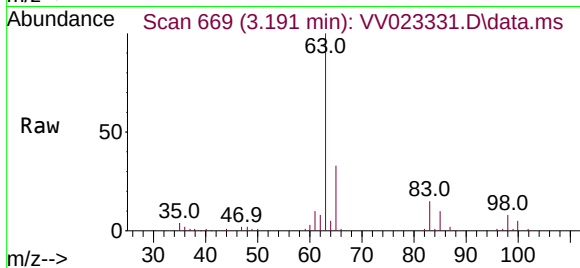
Tgt Ion: 63 Resp: 84312

Ion Ratio Lower Upper

63 100

65 32.6 22.6 42.0

83 14.9 11.1 20.7



#21

2-Butanone

Concen: 70.991 ug/L

RT: 3.976 min Scan# 913

Delta R.T. 0.000 min

Lab File: VV023331.D

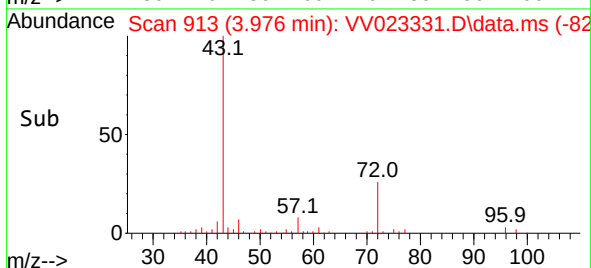
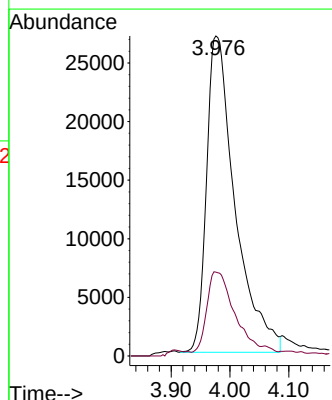
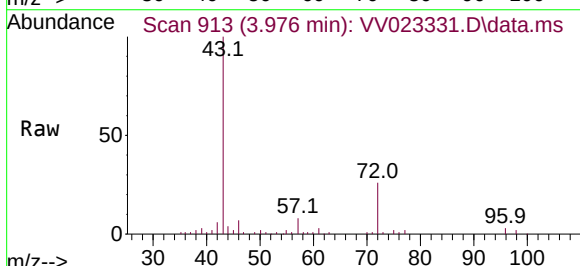
Acq: 10 Nov 2021 14:32

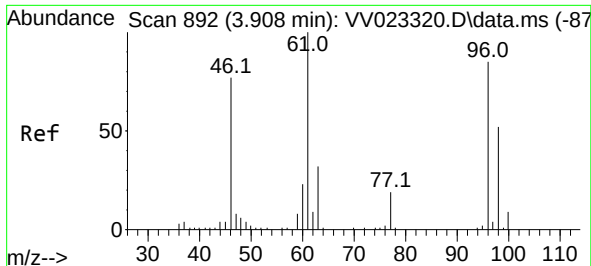
Tgt Ion: 43 Resp: 91037

Ion Ratio Lower Upper

43 100

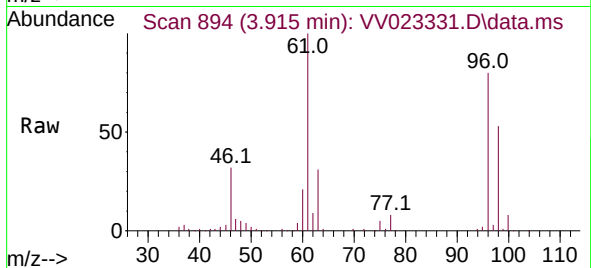
72 24.2 11.9 35.9



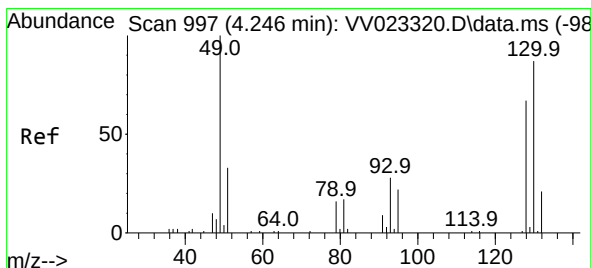
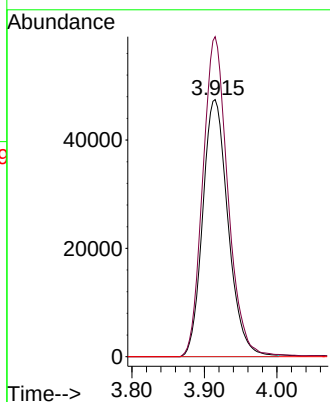
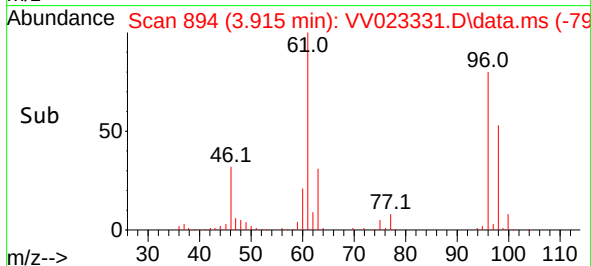


#22
 cis-1,2-Dichloroethene
 Concen: 13.619 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.006 min
 Lab File: VV023331.D
 Acq: 10 Nov 2021 14:32

Instrument :
 MSVOA_V
 ClientSampleId :

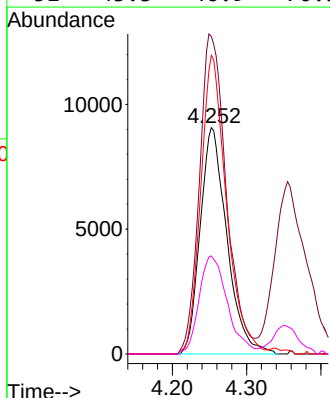
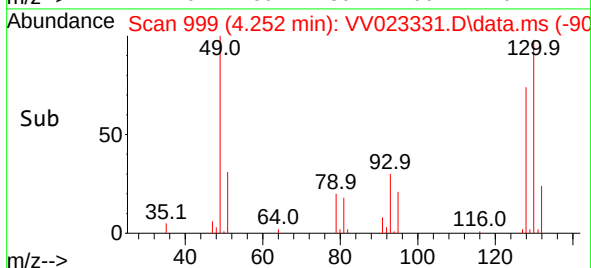
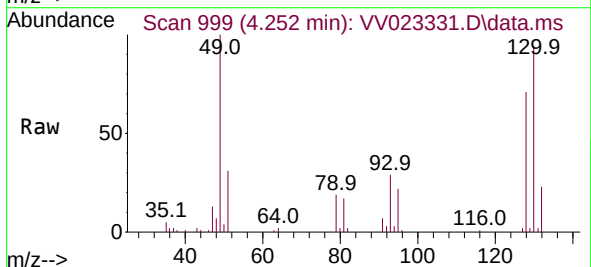


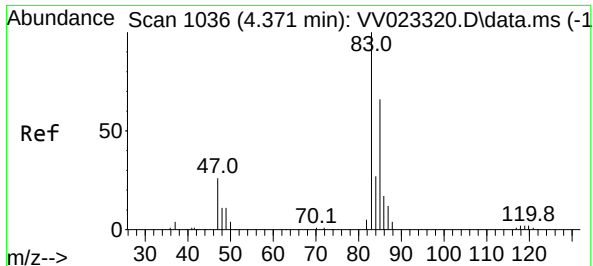
Tgt Ion: 96 Resp: 115562
 Ion Ratio Lower Upper
 96 100
 61 124.4 92.3 171.3
 68 0.0 0.4 0.8#



#23
 Bromochloromethane
 Concen: 5.786 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. 0.006 min
 Lab File: VV023331.D
 Acq: 10 Nov 2021 14:32

Tgt Ion: 128 Resp: 22641
 Ion Ratio Lower Upper
 128 100
 49 140.3 126.1 234.3
 130 132.0 95.2 176.8
 51 43.3 46.9 70.3#





#25

Chloroform

Concen: 5.560 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV023331.D

Acq: 10 Nov 2021 14:32

Instrument :

MSVOA_V

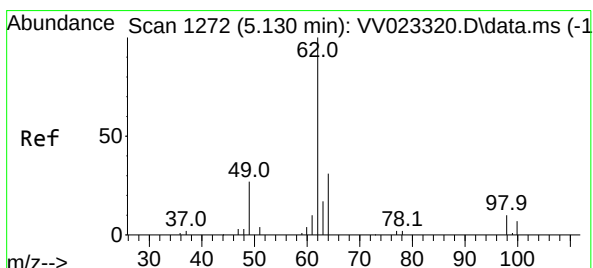
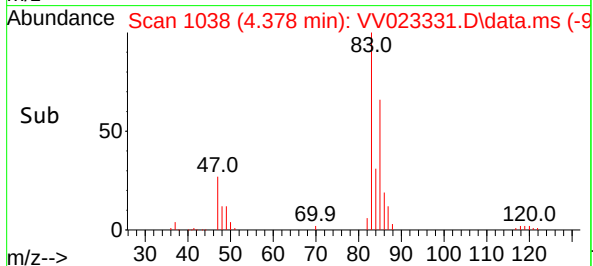
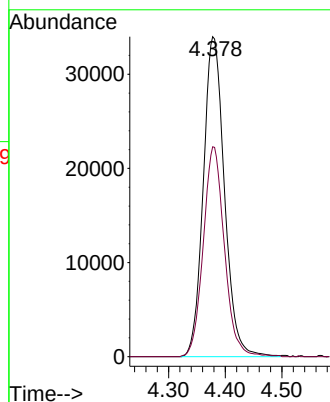
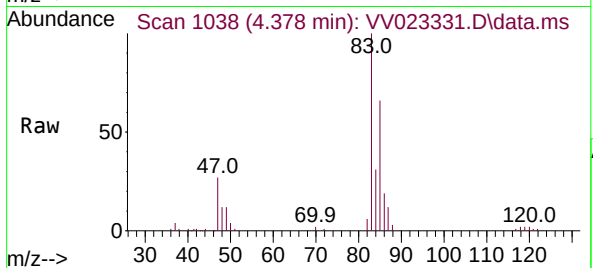
ClientSampleId :

Tgt Ion: 83 Resp: 88218

Ion Ratio Lower Upper

83 100

85 65.6 46.8 86.8



#27

1,2-Dichloroethane

Concen: 5.557 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VV023331.D

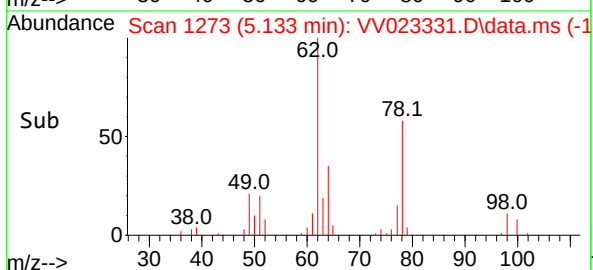
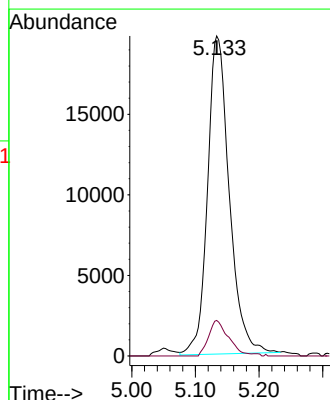
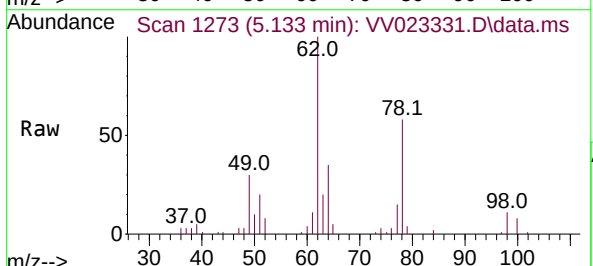
Acq: 10 Nov 2021 14:32

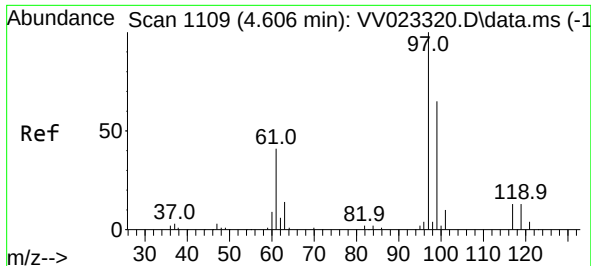
Tgt Ion: 62 Resp: 46905

Ion Ratio Lower Upper

62 100

98 11.1 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 5.453 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VV023331.D

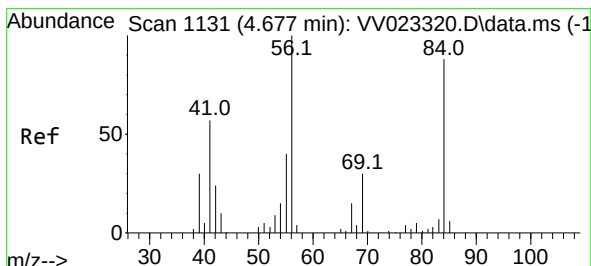
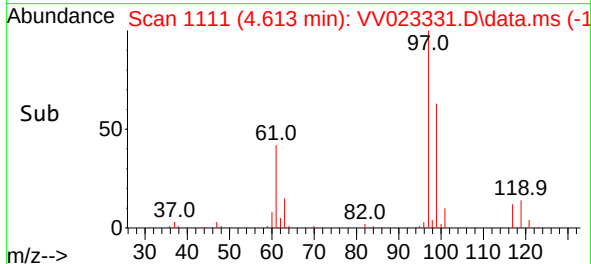
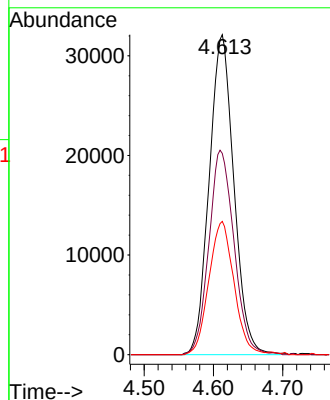
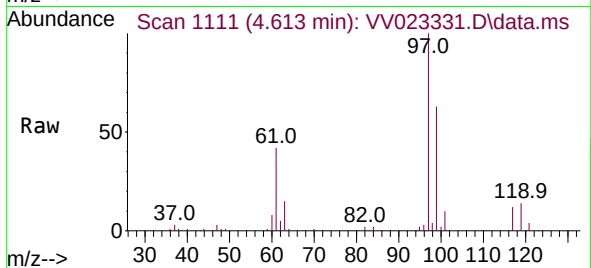
Acq: 10 Nov 2021 14:32

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97	Resp: 79441
Ion Ratio	Lower Upper
97 100	
99 65.1	51.0 76.4
61 42.3	34.1 51.1



#30

Cyclohexane

Concen: 5.161 ug/L

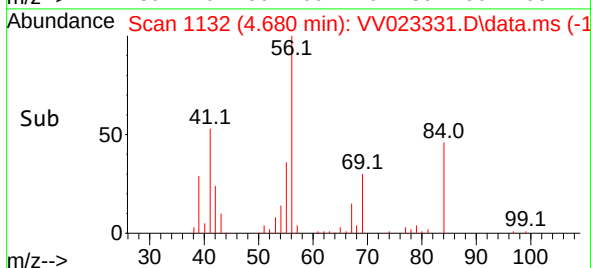
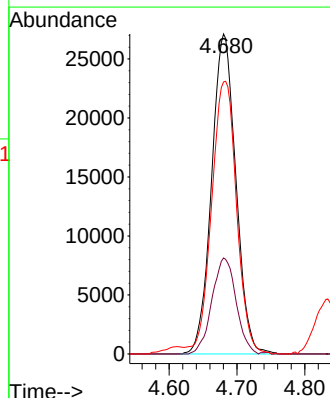
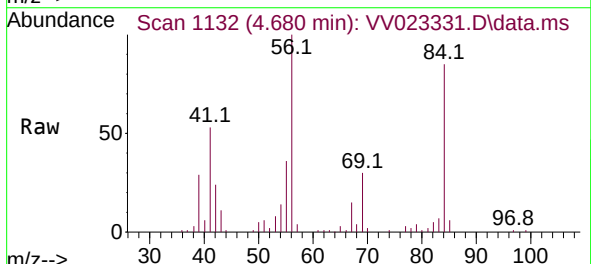
RT: 4.680 min Scan# 1132

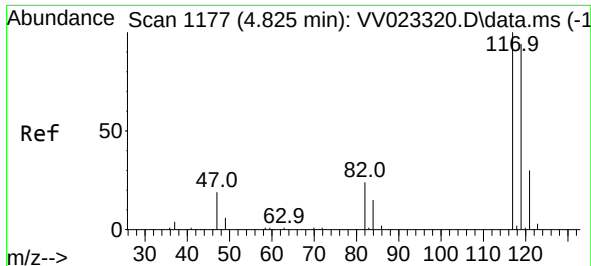
Delta R.T. 0.003 min

Lab File: VV023331.D

Acq: 10 Nov 2021 14:32

Tgt Ion: 56	Resp: 67375
Ion Ratio	Lower Upper
56 100	
69 29.8	23.5 35.3
84 87.9	71.6 107.4

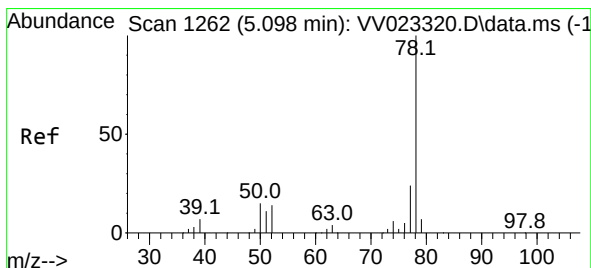
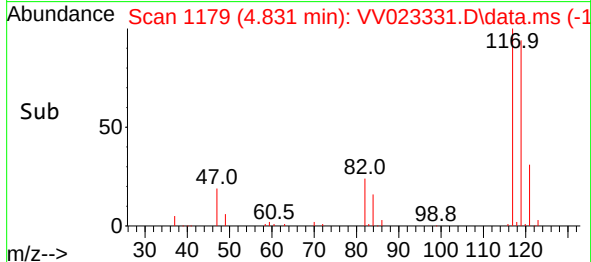
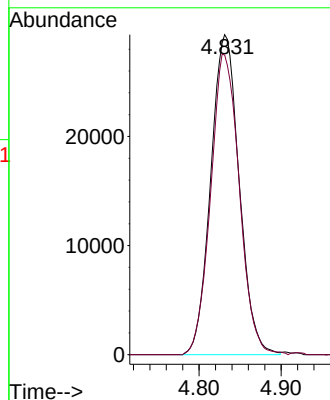
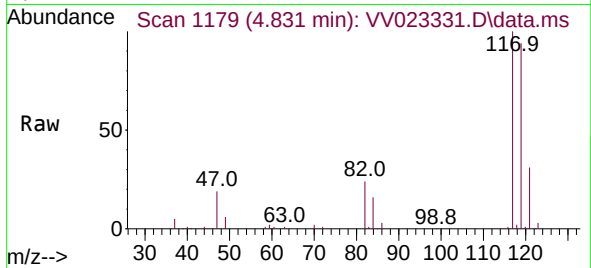




#31
Carbon tetrachloride
Concen: 5.407 ug/L
RT: 4.831 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VV023331.D
Acq: 10 Nov 2021 14:32

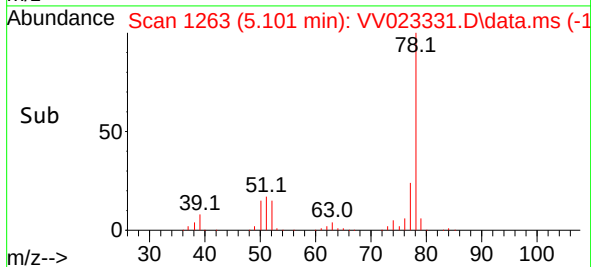
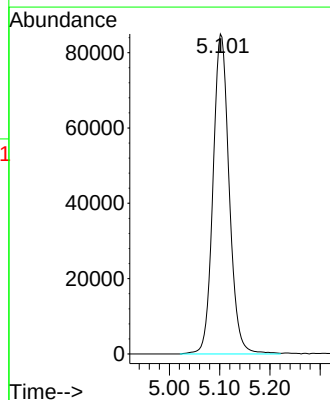
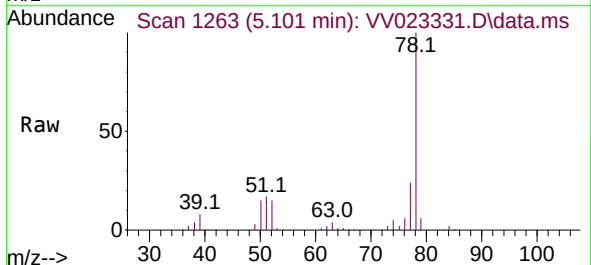
Instrument :
MSVOA_V
ClientSampleId :

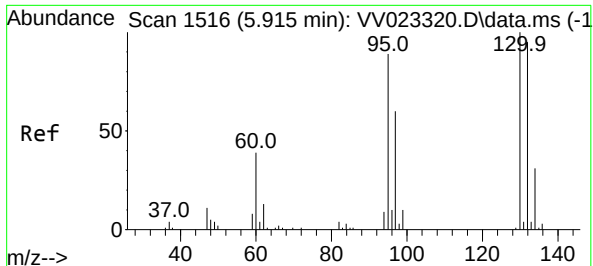
Tgt Ion:117 Resp: 70748
Ion Ratio Lower Upper
117 100
119 94.7 78.8 118.2



#33
Benzene
Concen: 5.666 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV023331.D
Acq: 10 Nov 2021 14:32

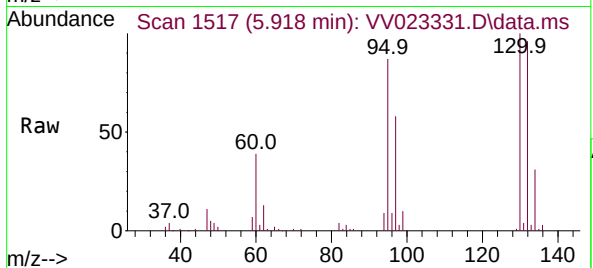
Tgt Ion: 78 Resp: 189968



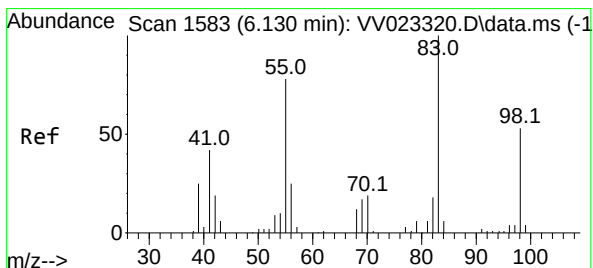
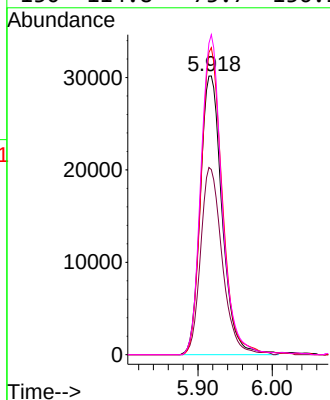
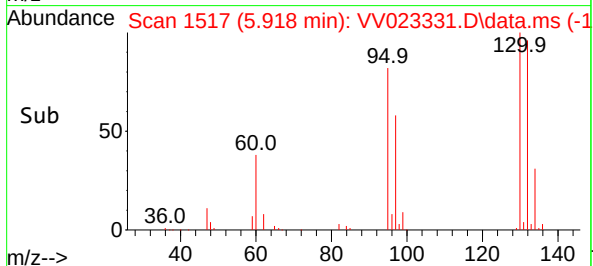


#34
Trichloroethene
Concen: 6.900 ug/L
RT: 5.918 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV023331.D
Acq: 10 Nov 2021 14:32

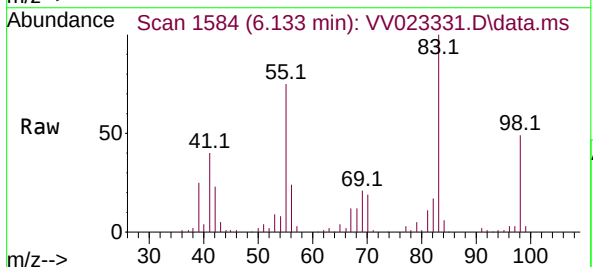
Instrument :
MSVOA_V
ClientSampleId :



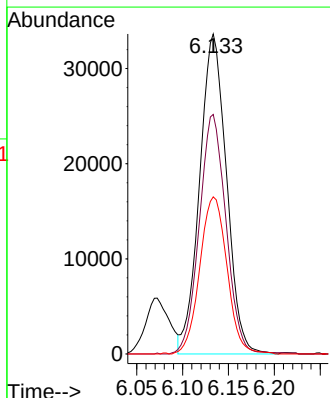
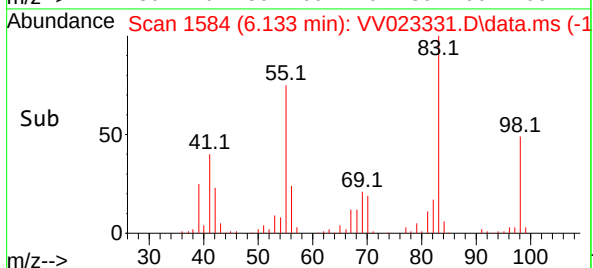
Tgt Ion: 95 Resp: 61518
Ion Ratio Lower Upper
95 100
97 66.4 45.0 83.6
132 110.2 69.7 129.4
130 114.8 73.7 136.9

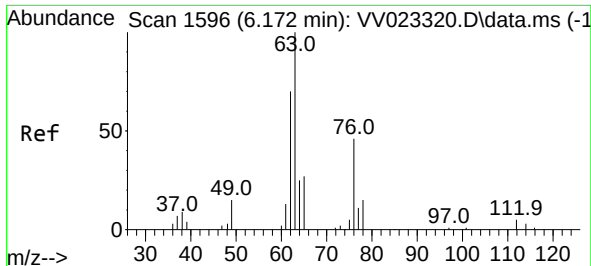


#35
Methylcyclohexane
Concen: 4.871 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV023331.D
Acq: 10 Nov 2021 14:32



Tgt Ion: 83 Resp: 68546
Ion Ratio Lower Upper
83 100
55 74.4 62.8 94.2
98 49.8 37.9 56.9





#37

1,2-Dichloropropane

Concen: 5.802 ug/L

RT: 6.175 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV023331.D

Acq: 10 Nov 2021 14:32

Instrument :

MSVOA_V

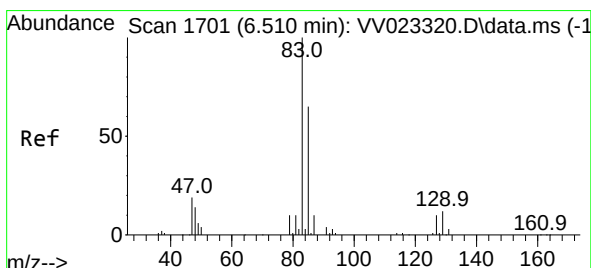
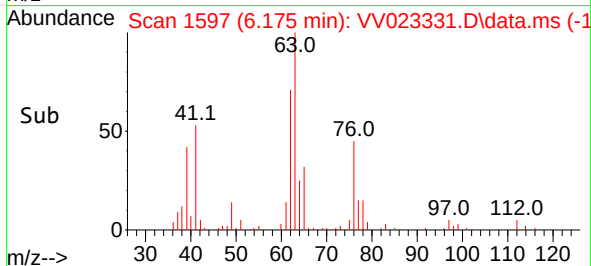
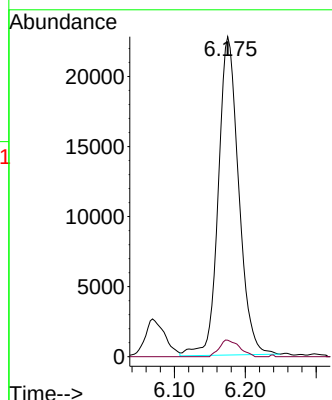
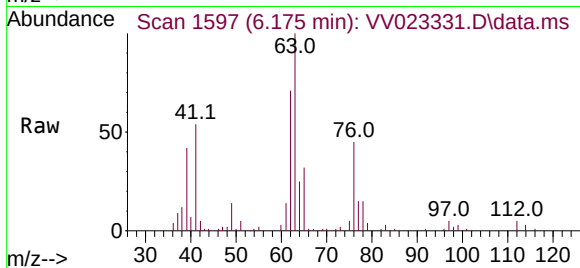
ClientSampleId :

Tgt Ion: 63 Resp: 45414

Ion Ratio Lower Upper

63 100

112 5.2 4.6 6.8



#38

Bromodichloromethane

Concen: 5.626 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.003 min

Lab File: VV023331.D

Acq: 10 Nov 2021 14:32

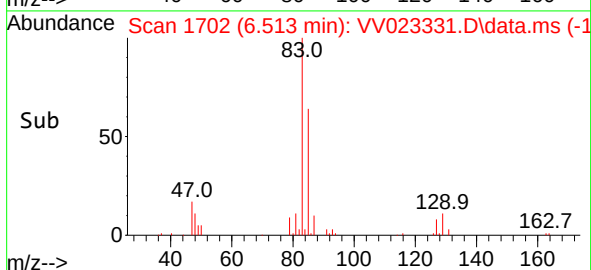
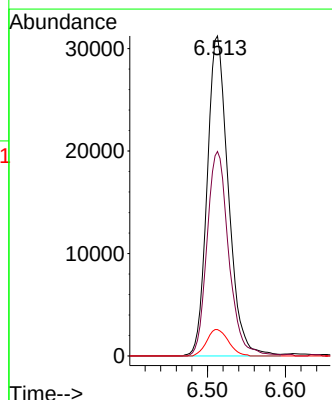
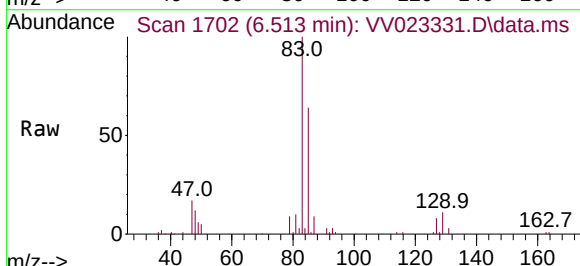
Tgt Ion: 83 Resp: 59013

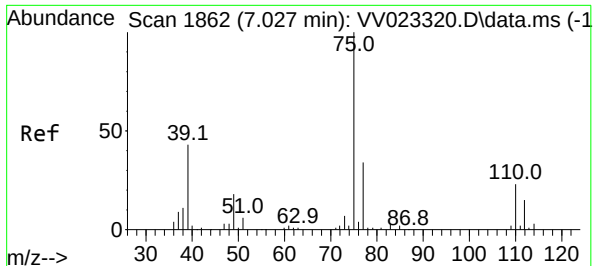
Ion Ratio Lower Upper

83 100

85 63.9 46.1 85.7

127 8.2 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.955 ug/L

RT: 7.030 min Scan# 1863

Delta R.T. 0.003 min

Lab File: VV023331.D

Acq: 10 Nov 2021 14:32

Instrument :

MSVOA_V

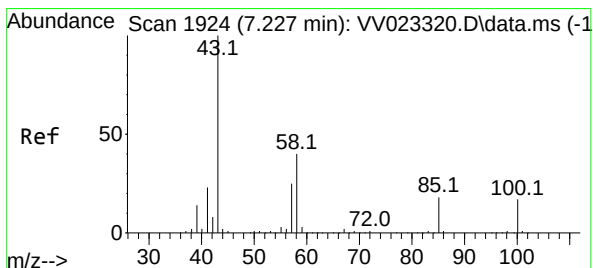
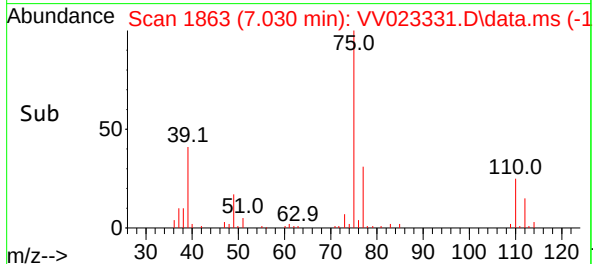
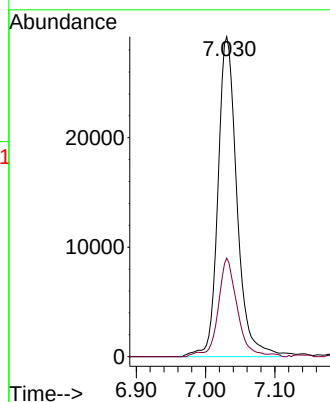
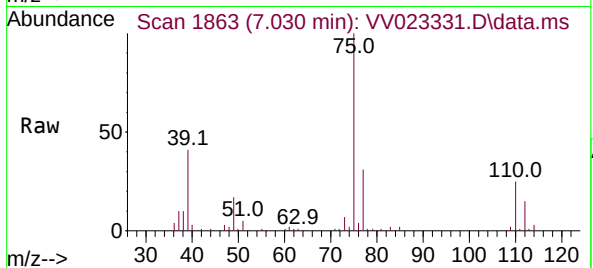
ClientSampleId :

Tgt Ion: 75 Resp: 55777

Ion Ratio Lower Upper

75 100

77 30.8 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 65.019 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV023331.D

Acq: 10 Nov 2021 14:32

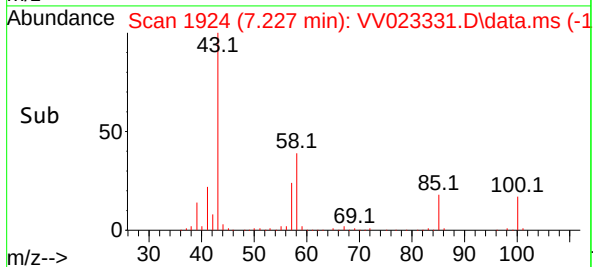
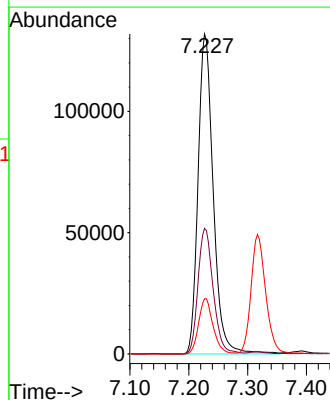
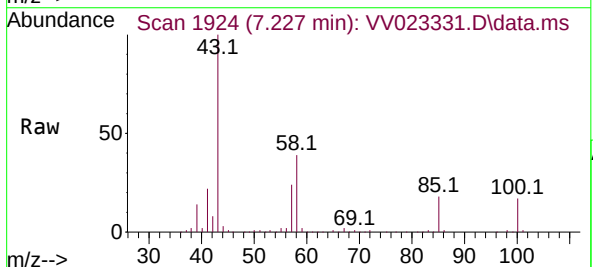
Tgt Ion: 43 Resp: 236027

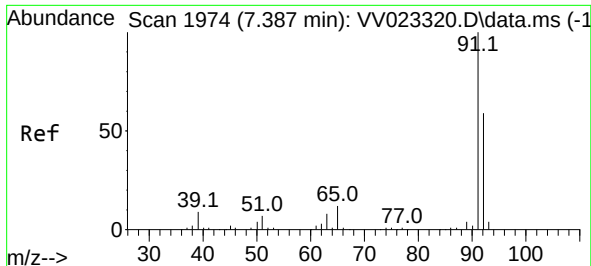
Ion Ratio Lower Upper

43 100

58 39.2 31.1 46.7

100 16.5 12.6 19.0





#42

Toluene

Concen: 5.705 ug/L

RT: 7.391 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV023331.D

Acq: 10 Nov 2021 14:32

Instrument :

MSVOA_V

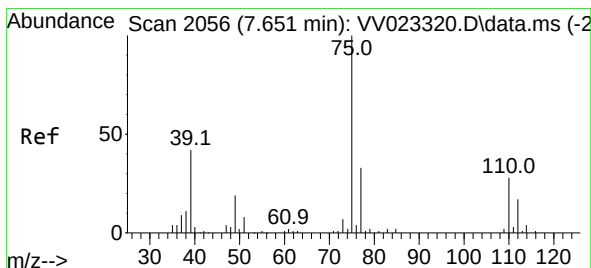
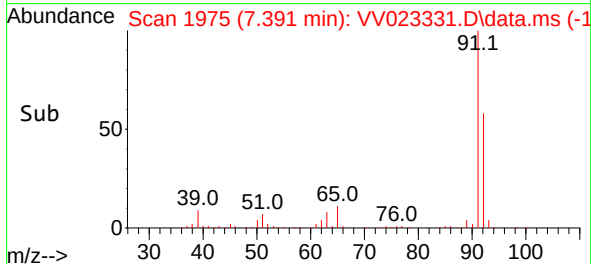
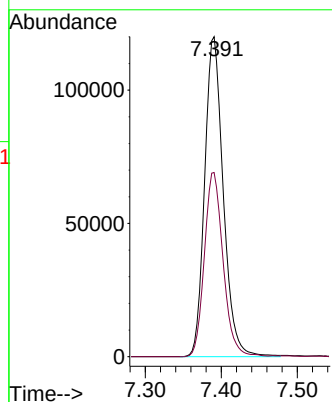
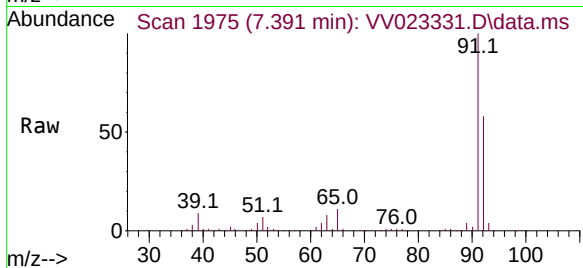
ClientSampleId :

Tgt Ion: 91 Resp: 204575

Ion Ratio Lower Upper

91 100

92 57.5 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 4.949 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV023331.D

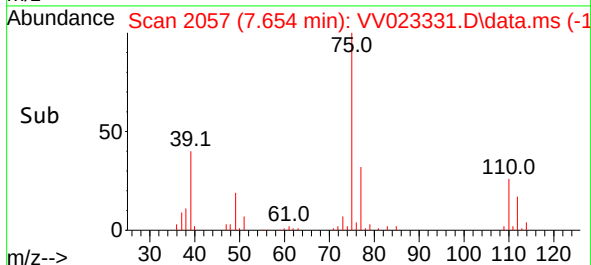
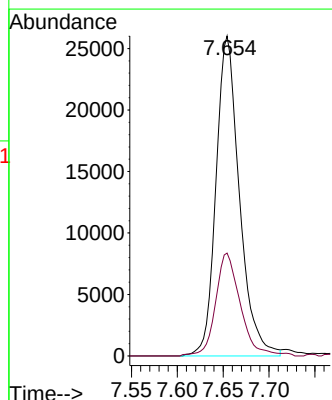
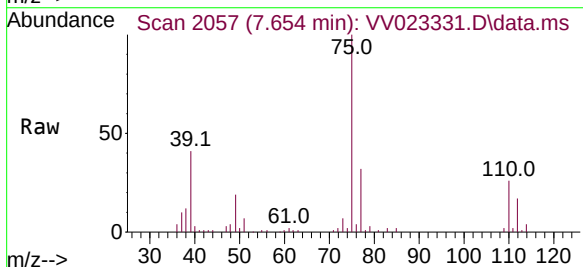
Acq: 10 Nov 2021 14:32

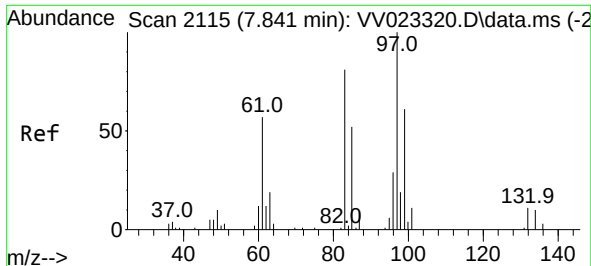
Tgt Ion: 75 Resp: 46230

Ion Ratio Lower Upper

75 100

77 32.2 22.5 41.7



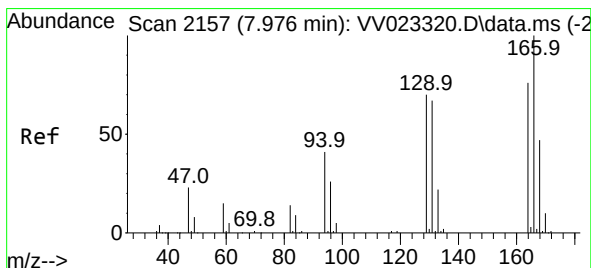
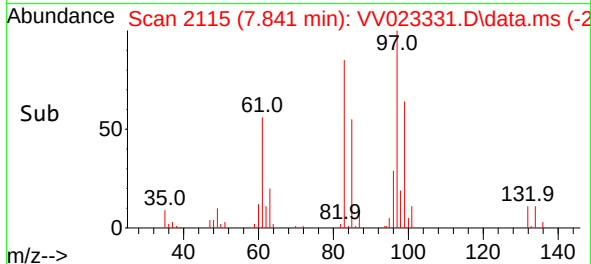
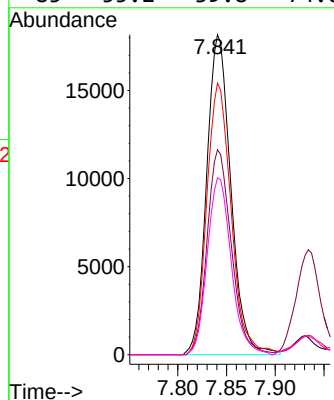
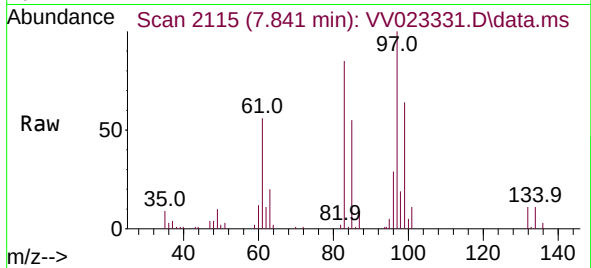


#45
1,1,2-Trichloroethane
Concen: 5.563 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV023331.D
Acq: 10 Nov 2021 14:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 31283

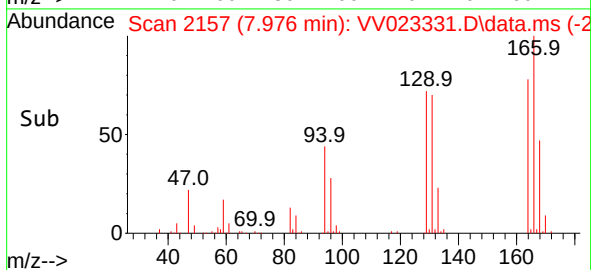
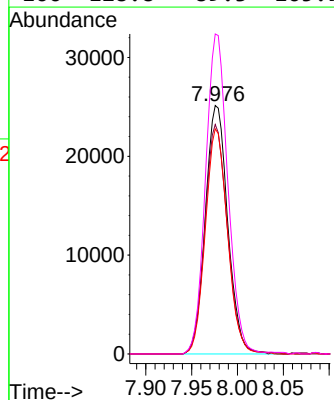
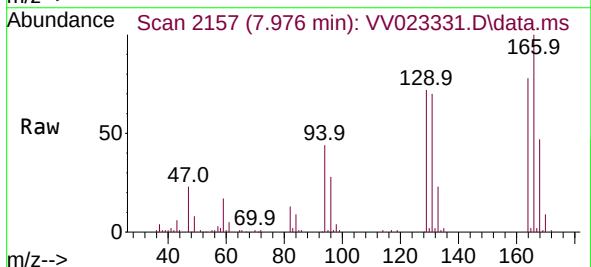
Ion	Ratio	Lower	Upper
97	100		
99	64.0	43.6	81.0
83	84.9	58.4	108.4
85	55.2	39.8	74.0

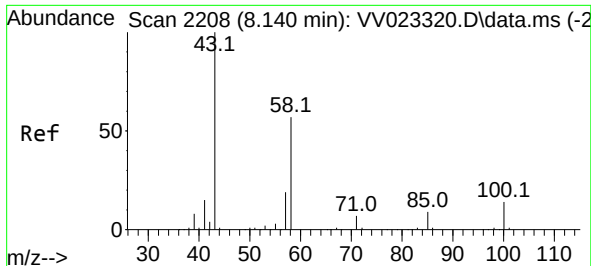


#47
Tetrachloroethene
Concen: 5.542 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV023331.D
Acq: 10 Nov 2021 14:32

Tgt Ion: 164 Resp: 42825

Ion	Ratio	Lower	Upper
164	100		
129	92.4	64.0	119.0
131	90.6	63.4	117.8
166	128.8	89.3	165.9

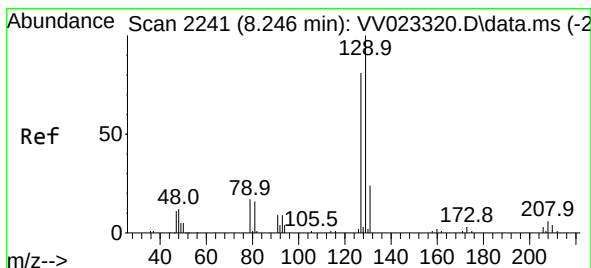
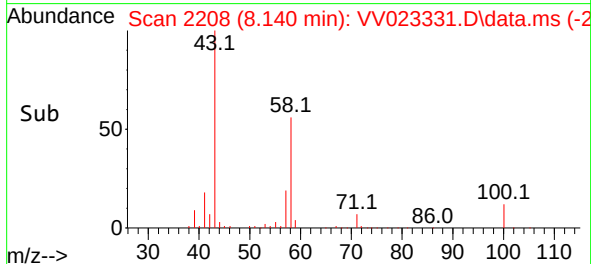
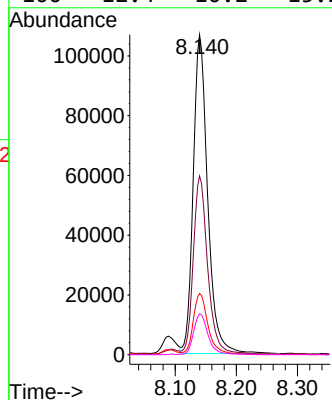
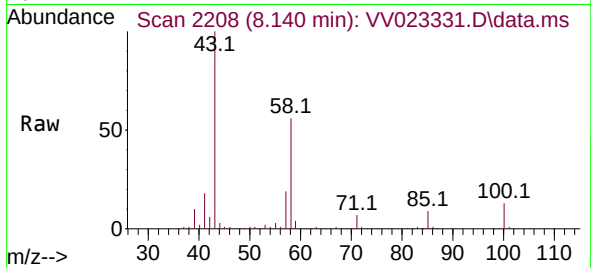




#48
2-Hexanone
Concen: 69.107 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VV023331.D
Acq: 10 Nov 2021 14:32

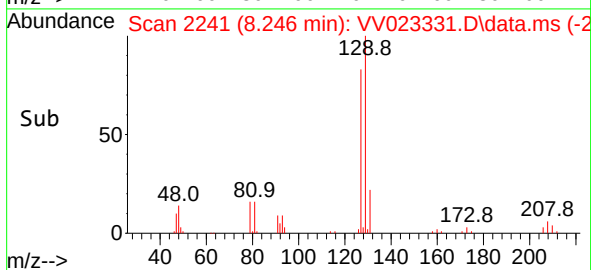
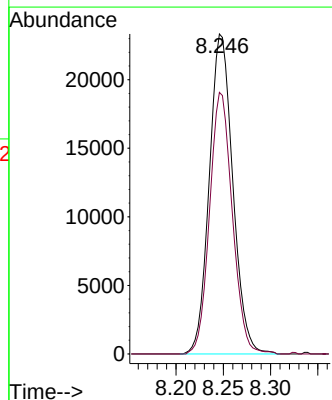
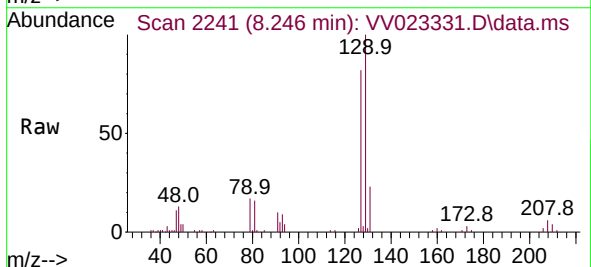
Instrument :
MSVOA_V
ClientSampleId :

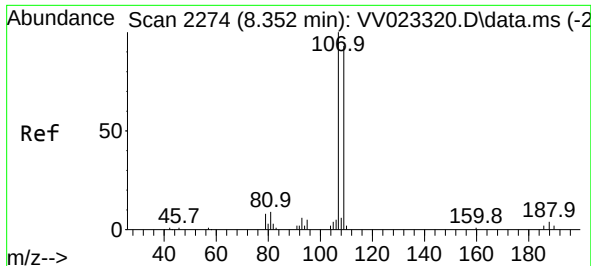
Tgt Ion: 43 Resp: 175786
Ion Ratio Lower Upper
43 100
58 55.3 43.7 65.5
57 19.3 14.1 21.1
100 12.4 10.2 15.2



#49
Dibromochloromethane
Concen: 5.664 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV023331.D
Acq: 10 Nov 2021 14:32

Tgt Ion: 129 Resp: 40362
Ion Ratio Lower Upper
129 100
127 81.7 54.7 101.7





#50

1,2-Dibromoethane

Concen: 5.738 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV023331.D

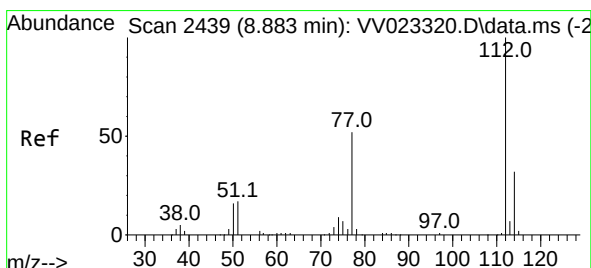
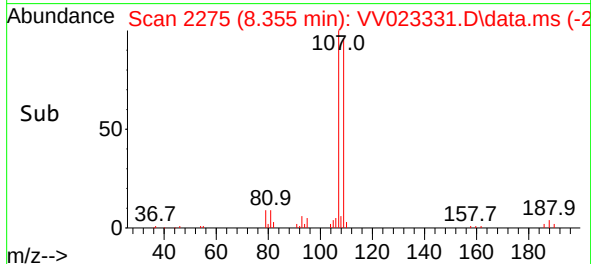
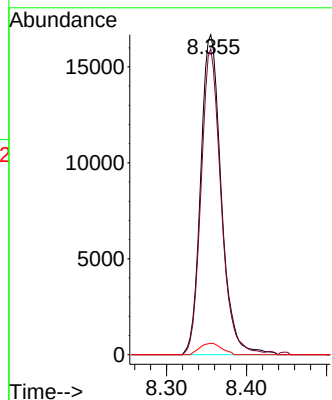
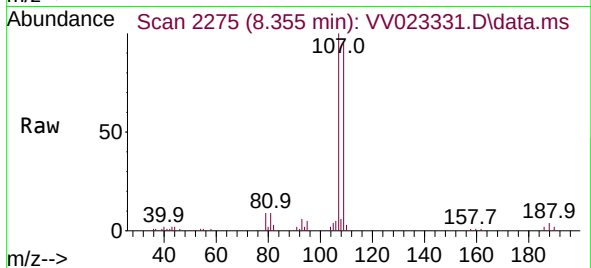
Acq: 10 Nov 2021 14:32

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	29907
Ion	Ratio	Lower	Upper
107	100		
109	95.5	64.7	120.1
188	3.6	3.6	5.4#



#51

Chlorobenzene

Concen: 5.416 ug/L

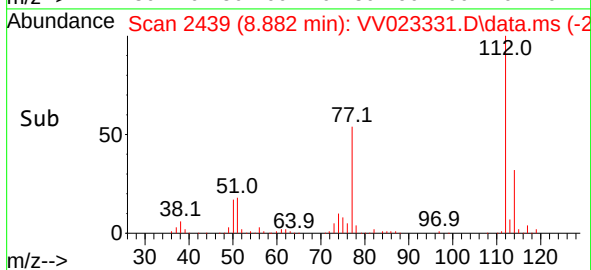
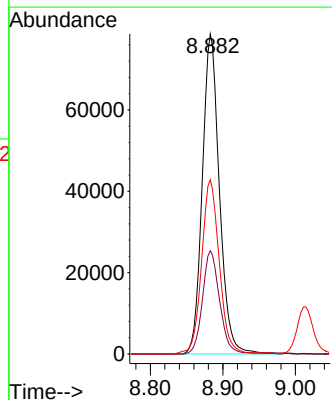
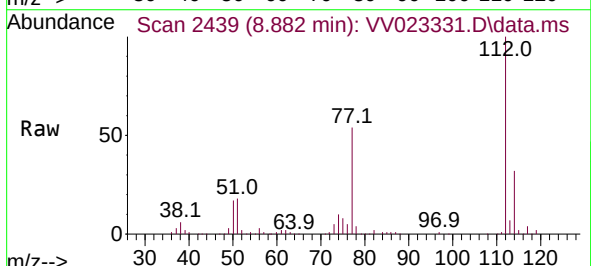
RT: 8.882 min Scan# 2439

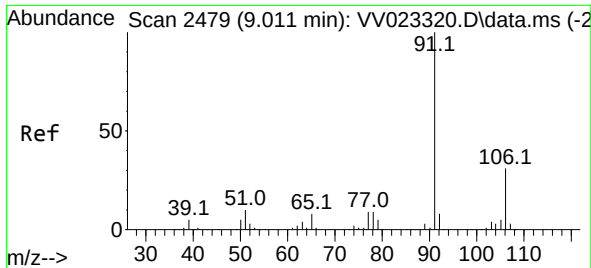
Delta R.T. -0.000 min

Lab File: VV023331.D

Acq: 10 Nov 2021 14:32

Tgt Ion:	112	Resp:	129094
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.0	40.8
77	54.4	44.4	66.6

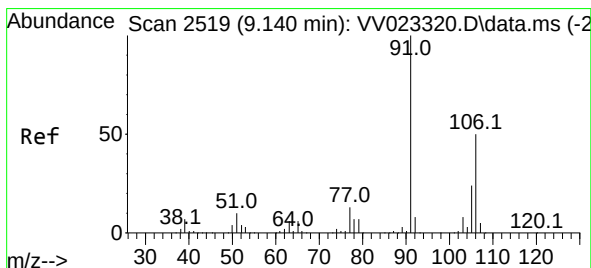
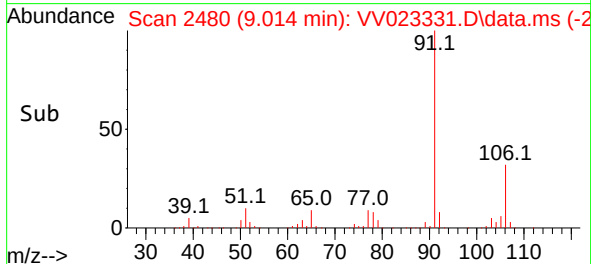
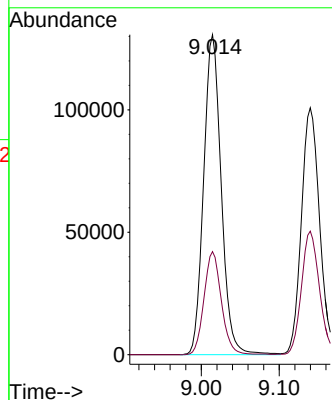
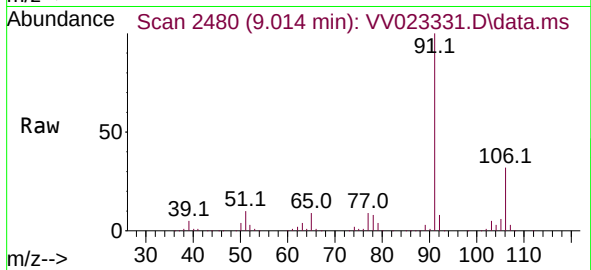




#52
Ethylbenzene
Concen: 5.412 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV023331.D
Acq: 10 Nov 2021 14:32

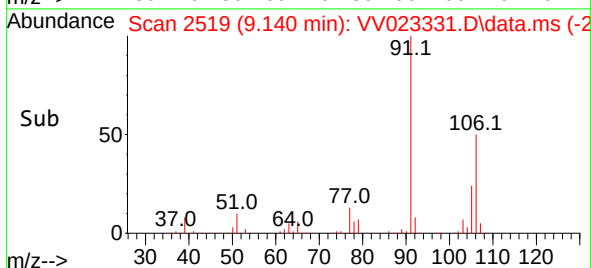
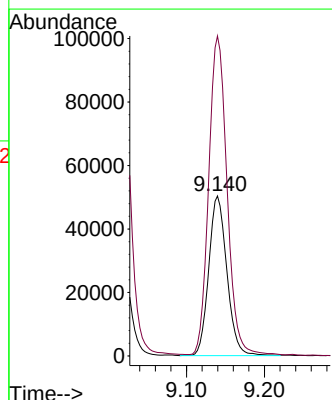
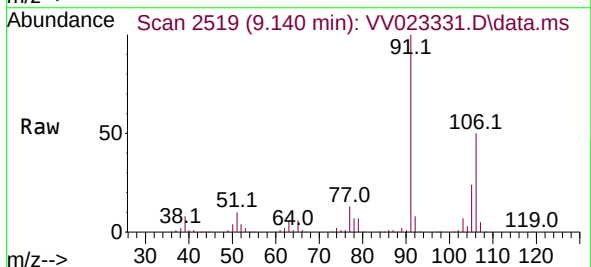
Instrument :
MSVOA_V
ClientSampleId :

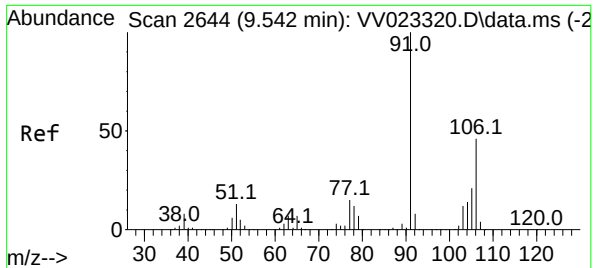
Tgt Ion: 91 Resp: 204685
Ion Ratio Lower Upper
91 100
106 32.2 22.5 41.9



#53
m,p-xylene
Concen: 5.484 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV023331.D
Acq: 10 Nov 2021 14:32

Tgt Ion: 106 Resp: 81406
Ion Ratio Lower Upper
106 100
91 199.9 137.2 254.8

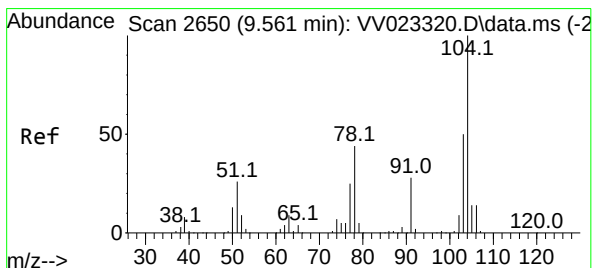
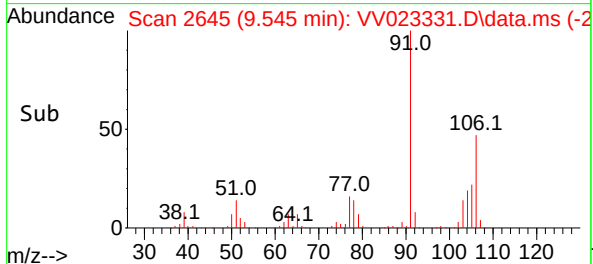
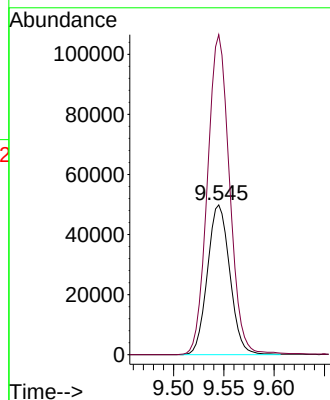
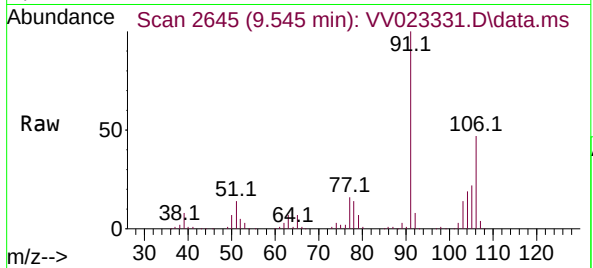




#54
o-xylene
Concen: 5.549 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV023331.D
Acq: 10 Nov 2021 14:32

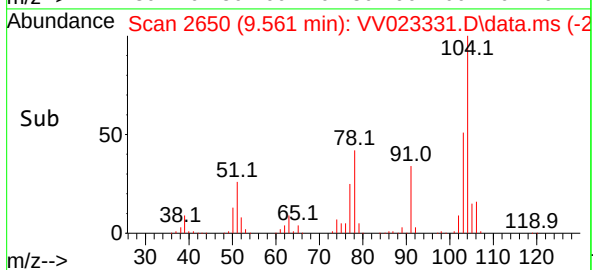
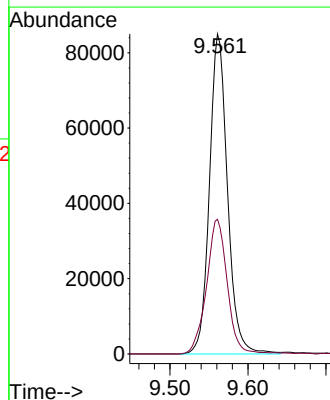
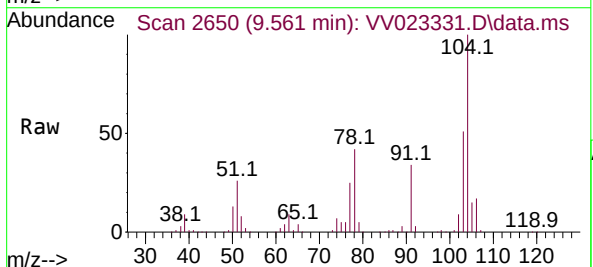
Instrument :
MSVOA_V
ClientSampleId :

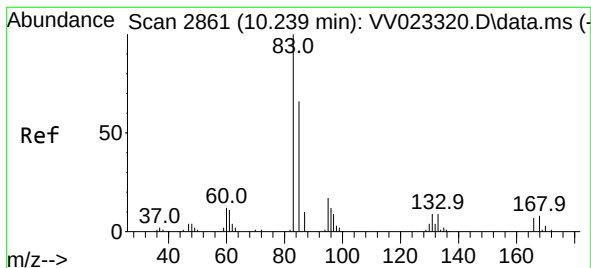
Tgt Ion:106 Resp: 77277
Ion Ratio Lower Upper
106 100
91 213.6 148.3 275.5



#55
Styrene
Concen: 5.731 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV023331.D
Acq: 10 Nov 2021 14:32

Tgt Ion:104 Resp: 136726
Ion Ratio Lower Upper
104 100
78 42.1 29.3 54.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.848 ug/L

RT: 10.243 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV023331.D

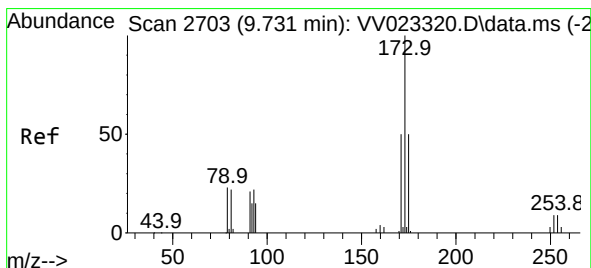
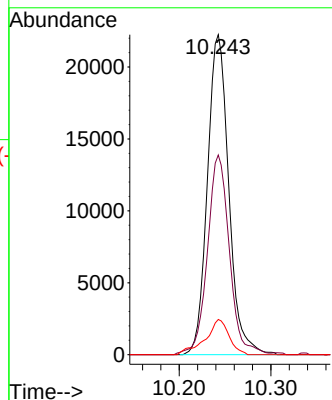
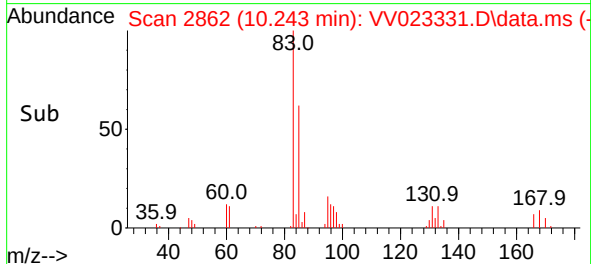
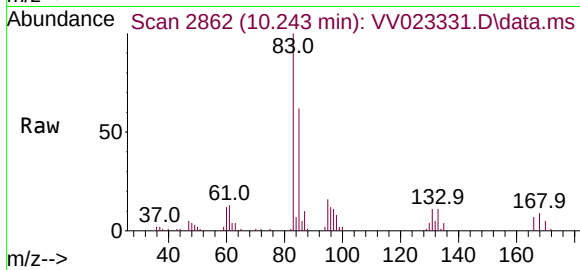
Acq: 10 Nov 2021 14:32

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	36032
Ion	Ratio	Lower	Upper
83	100		
85	62.4	45.1	83.9
131	11.0	7.8	11.6



#59

Bromoform

Concen: 5.687 ug/L

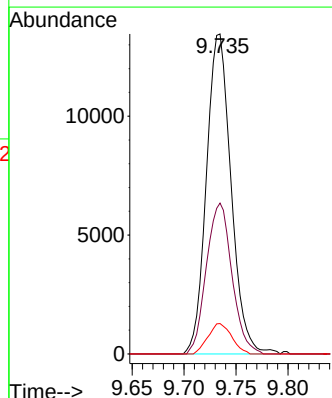
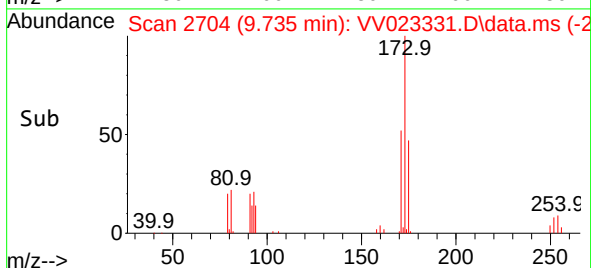
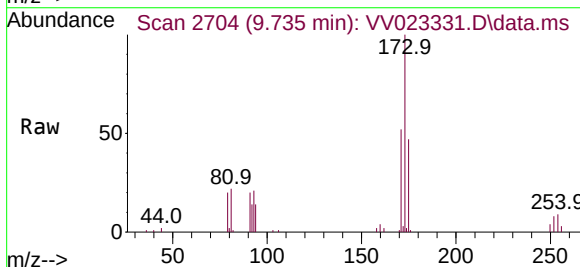
RT: 9.735 min Scan# 2704

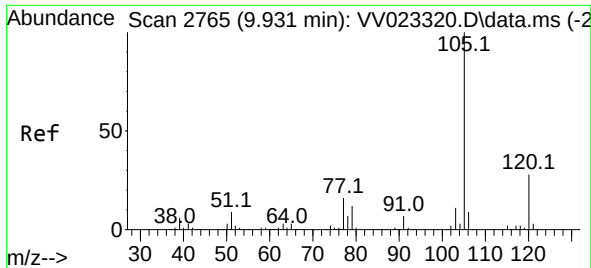
Delta R.T. 0.003 min

Lab File: VV023331.D

Acq: 10 Nov 2021 14:32

Tgt Ion:	173	Resp:	22181
Ion	Ratio	Lower	Upper
173	100		
175	48.8	38.2	57.2
254	9.1	6.2	9.2

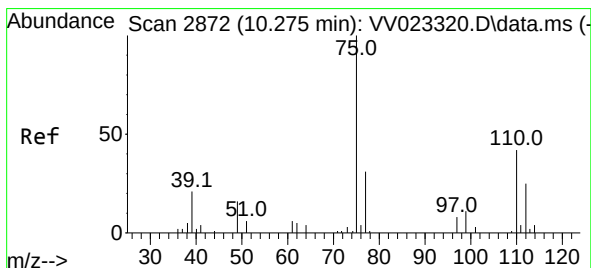
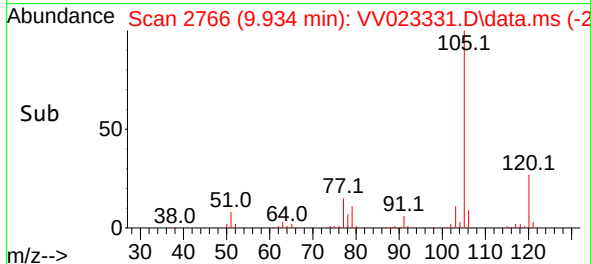
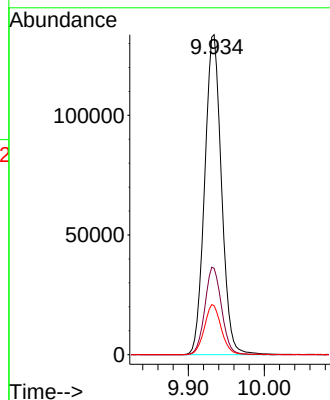
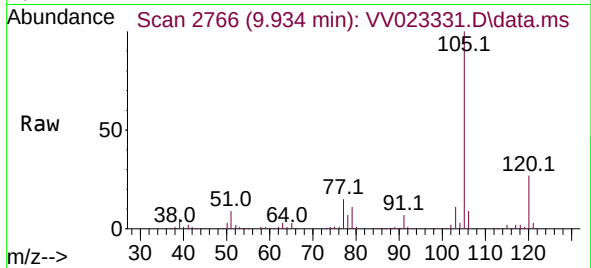




#60
Isopropylbenzene
Concen: 5.470 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023331.D
Acq: 10 Nov 2021 14:32

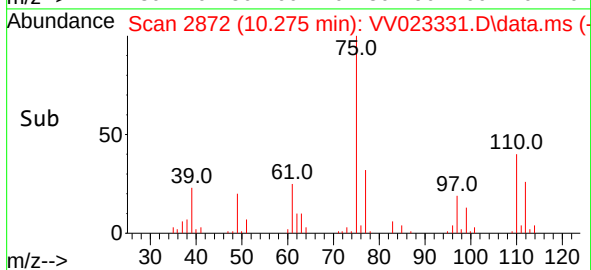
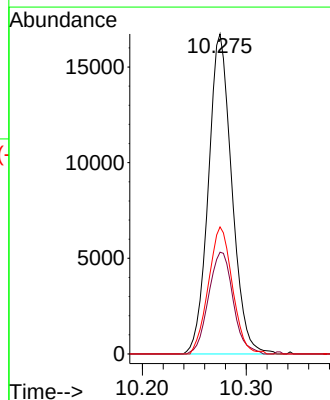
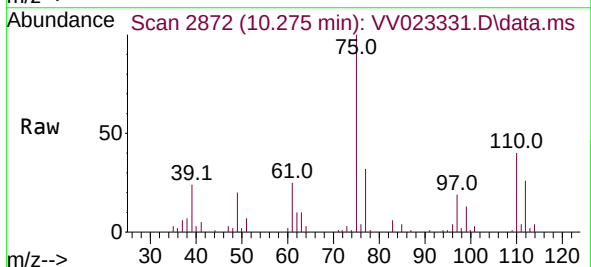
Instrument :
MSVOA_V
ClientSampleId :

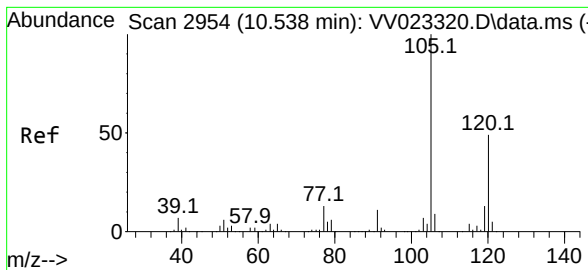
Tgt Ion:105 Resp: 204964
Ion Ratio Lower Upper
105 100
120 27.2 21.7 32.5
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 6.035 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV023331.D
Acq: 10 Nov 2021 14:32

Tgt Ion: 75 Resp: 26179
Ion Ratio Lower Upper
75 100
77 33.3 26.6 39.8
110 40.6 31.8 47.6

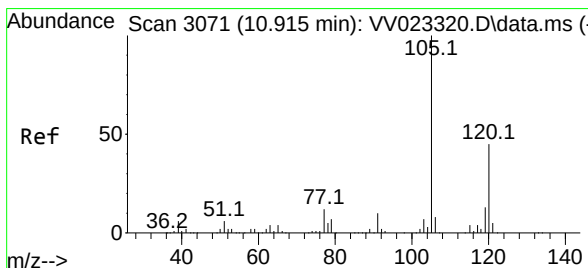
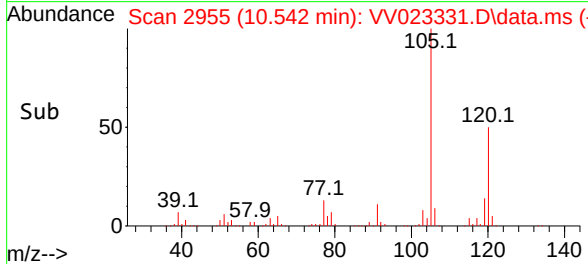
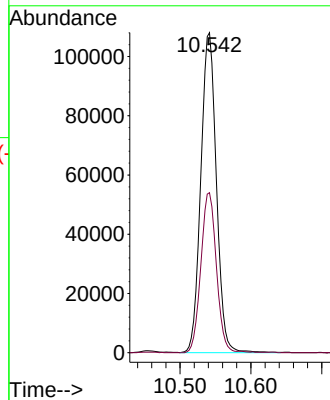
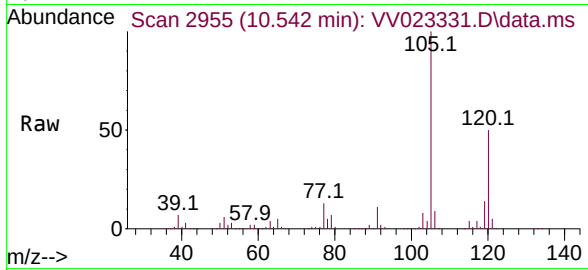




#62
 1,3,5-Trimethylbenzene
 Concen: 5.309 ug/L
 RT: 10.542 min Scan# 2954
 Delta R.T. 0.003 min
 Lab File: VV023331.D
 Acq: 10 Nov 2021 14:32

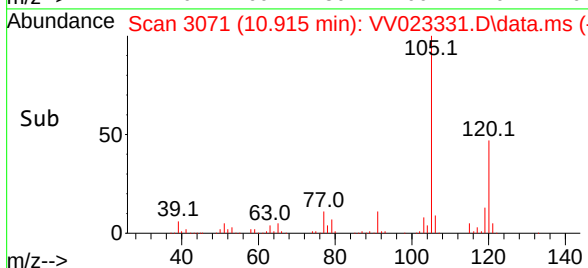
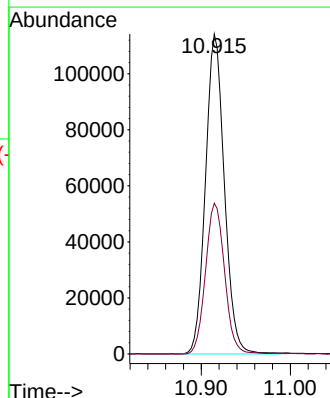
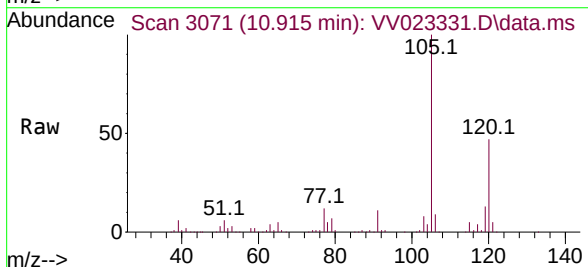
Instrument :
 MSVOA_V
 ClientSampleId :

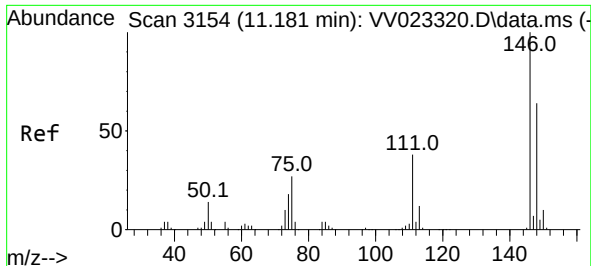
Tgt Ion:105 Resp: 164935
 Ion Ratio Lower Upper
 105 100
 120 49.9 39.7 59.5



#63
 1,2,4-Trimethylbenzene
 Concen: 5.431 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV023331.D
 Acq: 10 Nov 2021 14:32

Tgt Ion:105 Resp: 167954
 Ion Ratio Lower Upper
 105 100
 120 47.5 37.4 56.2

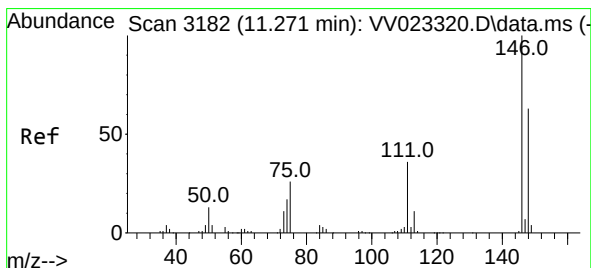
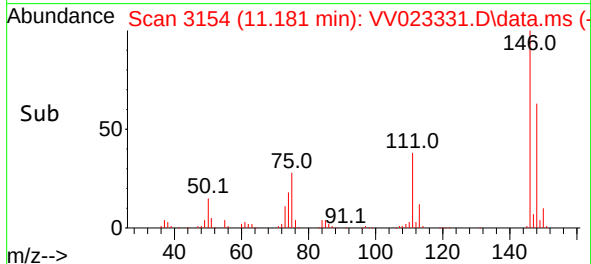
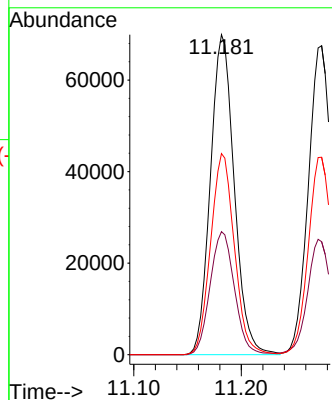
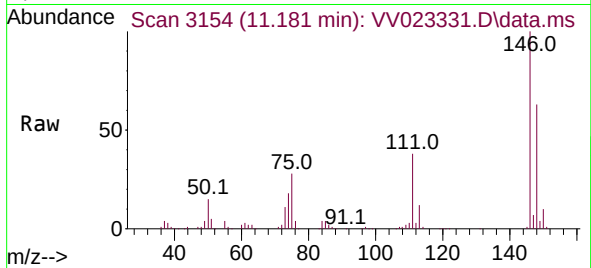




#64
1,3-Dichlorobenzene
Concen: 5.626 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV023331.D
Acq: 10 Nov 2021 14:32

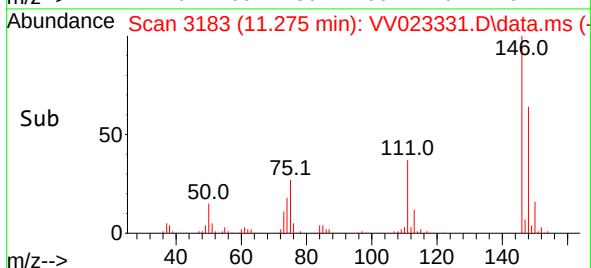
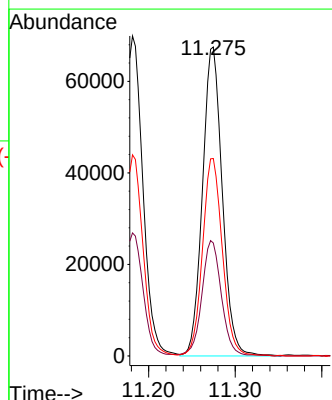
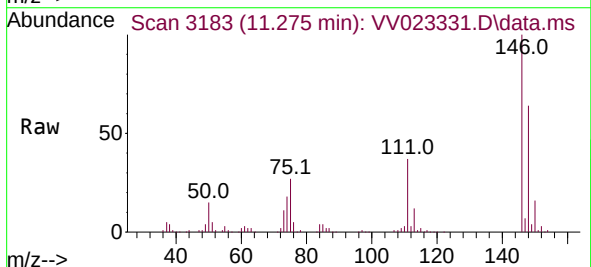
Instrument :
MSVOA_V
ClientSampleId :

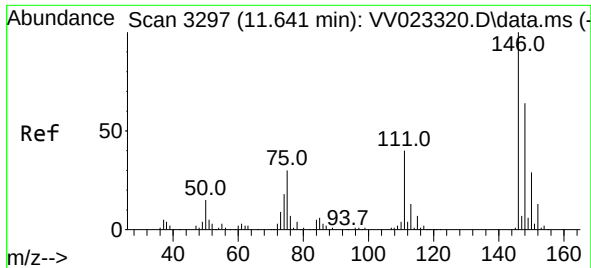
Tgt Ion:146 Resp: 107722
Ion Ratio Lower Upper
146 100
111 38.5 26.7 49.7
148 62.9 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 5.489 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV023331.D
Acq: 10 Nov 2021 14:32

Tgt Ion:146 Resp: 107327
Ion Ratio Lower Upper
146 100
111 36.5 26.2 48.8
148 63.9 44.4 82.5

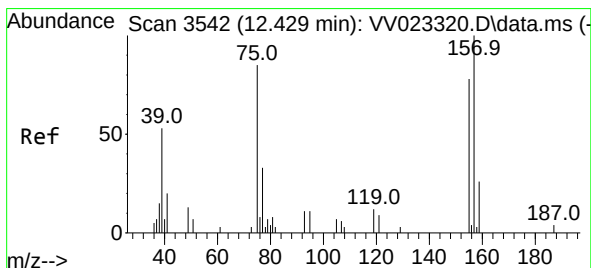
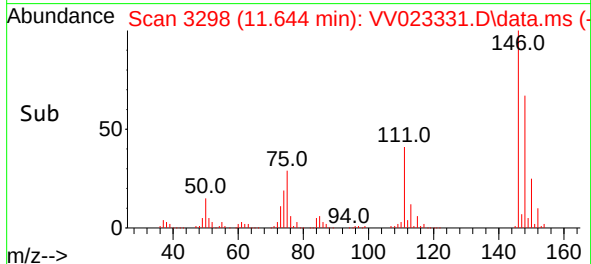
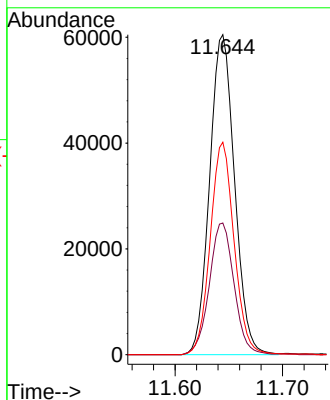
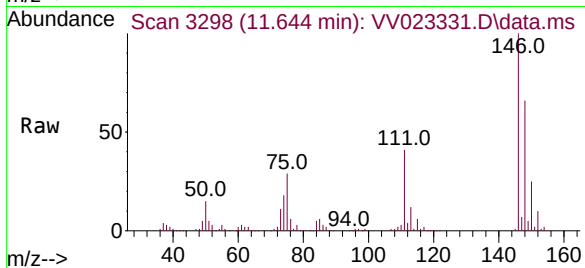




#67
1,2-Dichlorobenzene
Concen: 5.685 ug/L
RT: 11.644 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV023331.D
Acq: 10 Nov 2021 14:32

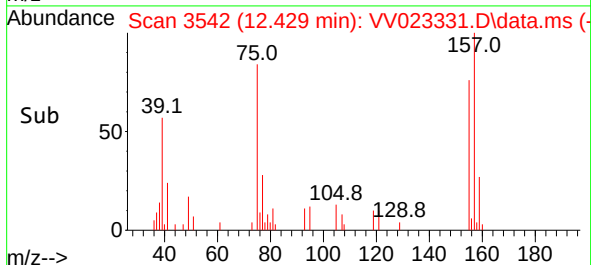
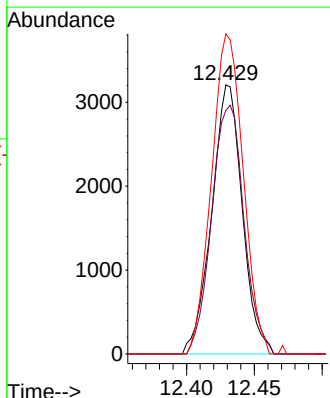
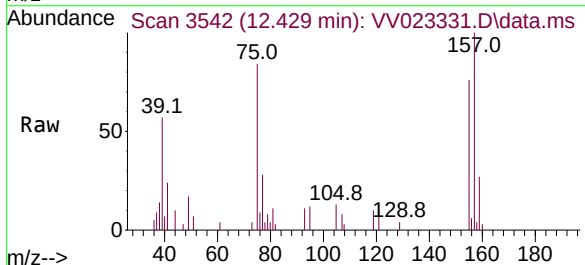
Instrument :
MSVOA_V
ClientSampleId :

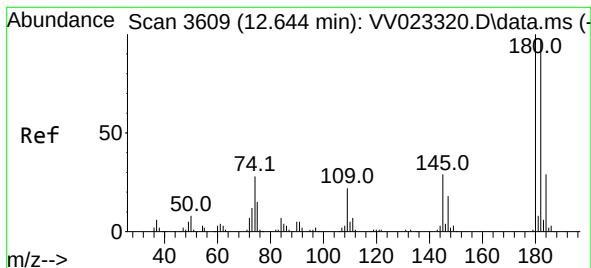
Tgt Ion:146 Resp: 97400
Ion Ratio Lower Upper
146 100
111 41.1 31.6 47.4
148 66.4 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 5.434 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV023331.D
Acq: 10 Nov 2021 14:32

Tgt Ion: 75 Resp: 5022
Ion Ratio Lower Upper
75 100
155 90.6 67.7 101.5
157 118.9 87.9 131.9





#69

1,3,5-Trichlorobenzene

Concen: 5.129 ug/L

RT: 12.648 min Scan# 3609

Delta R.T. 0.003 min

Lab File: VV023331.D

Acq: 10 Nov 2021 14:32

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 76885

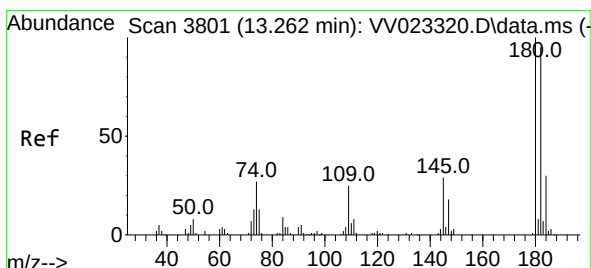
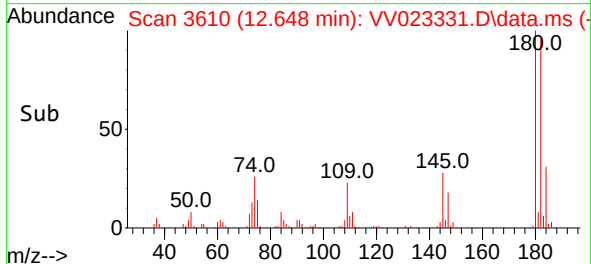
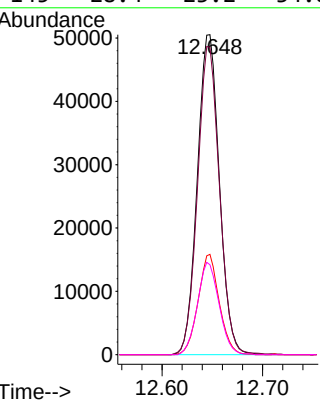
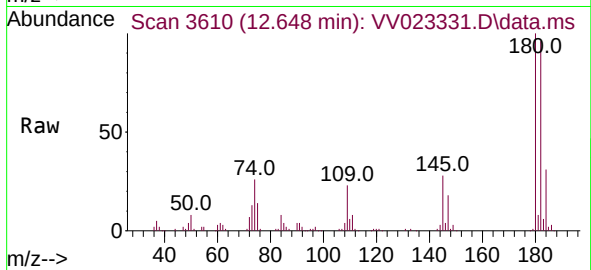
Ion Ratio Lower Upper

180 100

182 96.1 74.9 112.3

184 30.0 23.8 35.8

145 28.4 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 5.098 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.000 min

Lab File: VV023331.D

Acq: 10 Nov 2021 14:32

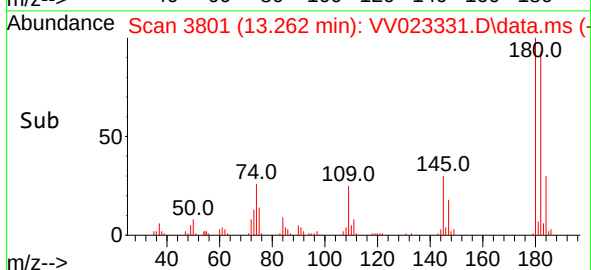
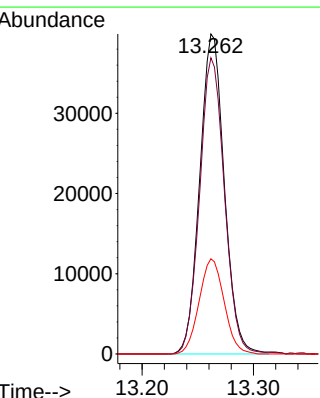
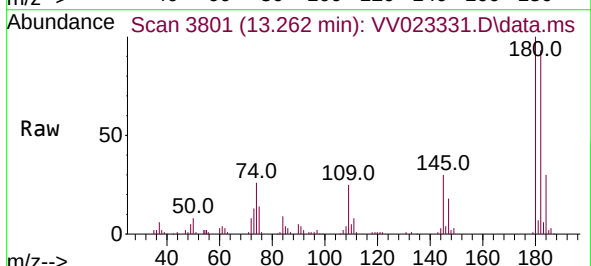
Tgt Ion:180 Resp: 61196

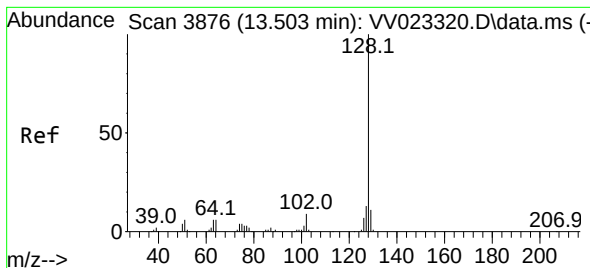
Ion Ratio Lower Upper

180 100

182 93.4 76.9 115.3

145 30.2 24.4 36.6





#71

Naphthalene

Concen: 5.074 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.000 min

Lab File: VV023331.D

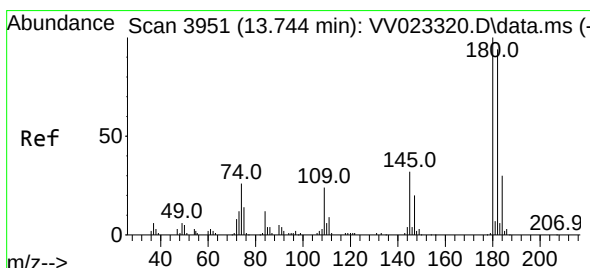
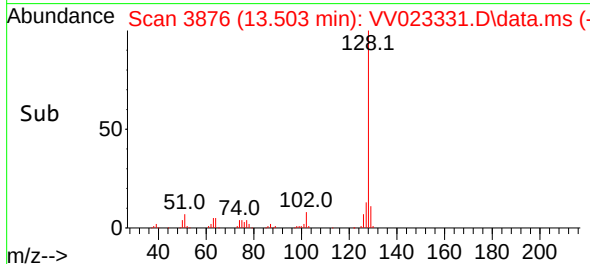
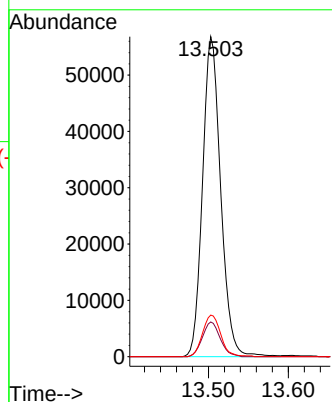
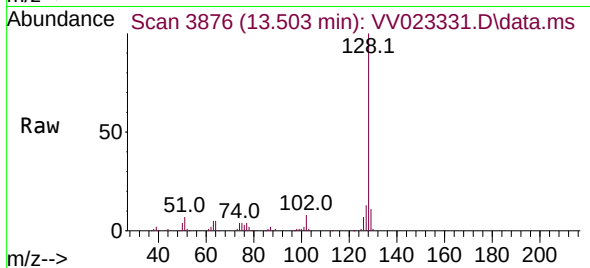
Acq: 10 Nov 2021 14:32

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	89819
Ion Ratio	Lower	Upper
128	100	
129	10.7	8.6 13.0
127	13.1	10.5 15.7



#72

1,2,3-Trichlorobenzene

Concen: 5.330 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.000 min

Lab File: VV023331.D

Acq: 10 Nov 2021 14:32

Tgt Ion:180	Resp:	55979
Ion Ratio	Lower	Upper
180	100	
182	94.6	76.7 115.1
145	32.1	25.7 38.5

