

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110921\
 Data File : VV023348.D
 Acq On : 10 Nov 2021 21:33
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 11 00:46:43 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	137793	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	134166	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76396	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39704	4.600	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.000%	
7) Chloroethane-d5	1.568	69	30247	4.299	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.000%	
11) 1,1-Dichloroethene-d2	2.111	63	74793	4.628	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.600%	
20) 2-Butanone-d5	3.889	46	87463	58.812	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	117.620%	
24) Chloroform-d	4.352	84	79477	4.320	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.400%	
26) 1,2-Dichloroethane-d4	5.037	65	37808	4.570	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.400%	
32) Benzene-d6	5.053	84	156474	4.545	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.000%	
36) 1,2-Dichloropropane-d6	6.072	67	45413	4.481	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.600%	
41) Toluene-d8	7.317	98	150353	4.661	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.200%	
43) trans-1,3-Dichloroprop...	7.625	79	17231	4.484	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.600%	
46) 2-Hexanone-d5	8.088	63	72315	51.151	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.300%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32666	4.482	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	56433	4.436	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.800%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	62378	4.643	ug/L	98
3) Chloromethane	1.240	50	55298	4.841	ug/L	97
5) Vinyl chloride	1.310	62	55396	4.855	ug/L	100
6) Bromomethane	1.523	94	25959	3.560	ug/L	92
8) Chloroethane	1.584	64	30078	4.568	ug/L	100
9) Trichlorofluoromethane	1.754	101	81680	4.765	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	41191	4.773	ug/L	98
12) 1,1-Dichloroethene	2.121	96	40595	4.940	ug/L	82
13) Acetone	2.175	43	62301	68.560	ug/L	91
14) Carbon disulfide	2.294	76	140731	4.538	ug/L	100
15) Methyl Acetate	2.436	43	16720	6.501	ug/L	95
16) Methylene chloride	2.510	84	49991	4.169	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	98020	5.419	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	48831	4.834	ug/L	97
19) 1,1-Dichloroethane	3.191	63	84709	4.967	ug/L	98
21) 2-Butanone	3.969	43	101725	69.240	ug/L	96
22) cis-1,2-Dichloroethene	3.915	96	50464	5.191	ug/L #	91
23) Bromochloromethane	4.252	128	22701	5.064	ug/L	87
25) Chloroform	4.378	83	89492	4.923	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110921\
 Data File : VV023348.D
 Acq On : 10 Nov 2021 21:33
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 11 00:46:43 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

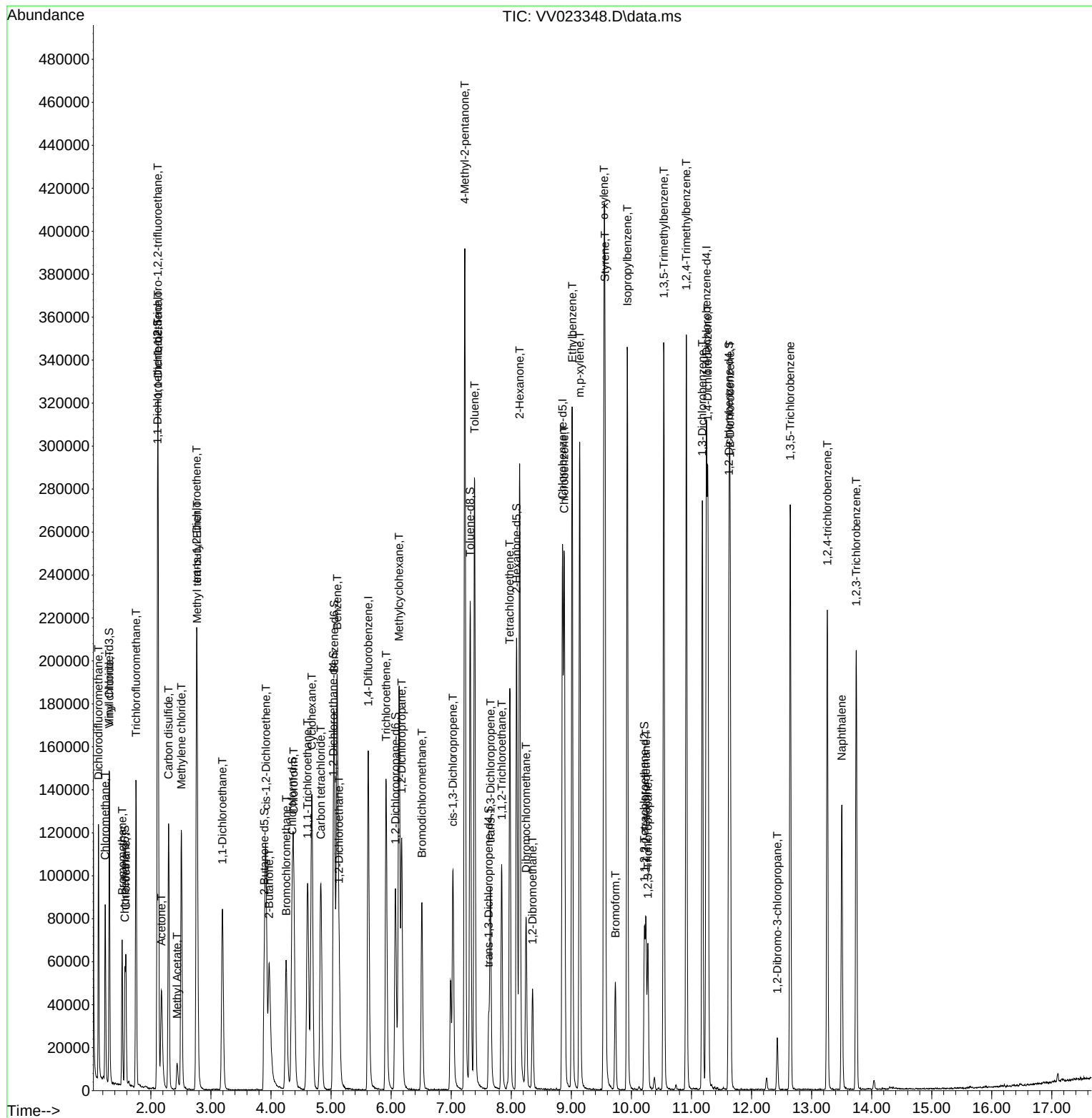
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	50548	5.228	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	79481	4.878	ug/L	98
30) Cyclohexane	4.680	56	73058	5.004	ug/L	98
31) Carbon tetrachloride	4.831	117	72098	4.927	ug/L	98
33) Benzene	5.101	78	190919	5.091	ug/L	100
34) Trichloroethene	5.918	95	49289	4.943	ug/L	97
35) Methylcyclohexane	6.133	83	77019	4.893	ug/L	96
37) 1,2-Dichloropropane	6.175	63	45059	5.147	ug/L	99
38) Bromodichloromethane	6.513	83	58865	5.017	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	63007	5.004	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	249005	61.328	ug/L	98
42) Toluene	7.387	91	208503	5.198	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	53948	5.164	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	32237	5.125	ug/L	96
47) Tetrachloroethene	7.976	164	42714	4.942	ug/L	99
48) 2-Hexanone	8.140	43	179035	62.928	ug/L	98
49) Dibromochloromethane	8.246	129	41268	5.178	ug/L	99
50) 1,2-Dibromoethane	8.355	107	30427	5.220	ug/L	99
51) Chlorobenzene	8.882	112	132572	4.973	ug/L	99
52) Ethylbenzene	9.014	91	216229	5.111	ug/L	97
53) m,p-xylene	9.140	106	84556	5.093	ug/L	98
54) o-xylene	9.545	106	80743	5.184	ug/L	98
55) Styrene	9.561	104	141091	5.288	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	36435	5.287	ug/L	99
59) Bromoform	9.735	173	22361	4.900	ug/L	99
60) Isopropylbenzene	9.934	105	219753	5.013	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	26352	5.193	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	183362	5.044	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	185220	5.119	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	110771	4.945	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	110230	4.819	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	99641	4.971	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5779	5.345	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	84622	4.825	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	67900	4.835	ug/L	99
71) Naphthalene	13.503	128	103627	5.004	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	61492	5.004	ug/L	99

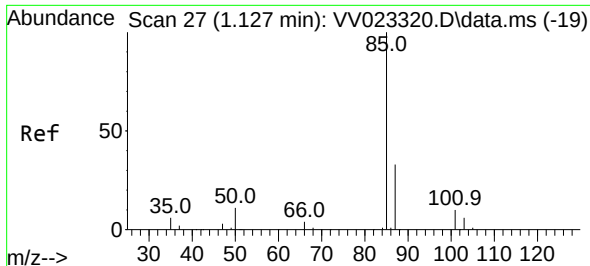
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110921\
 Data File : VV023348.D
 Acq On : 10 Nov 2021 21:33
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 11 00:46:43 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

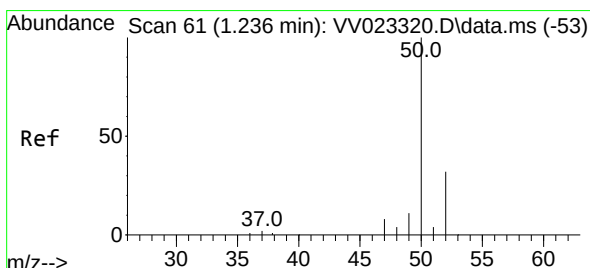
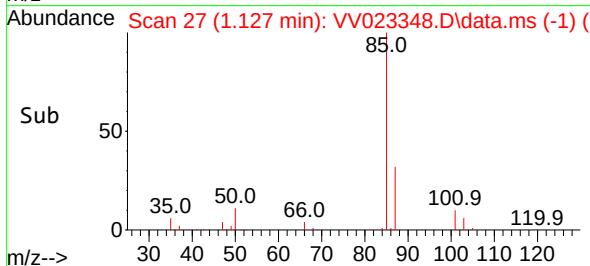
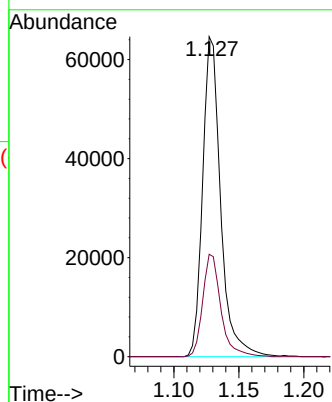
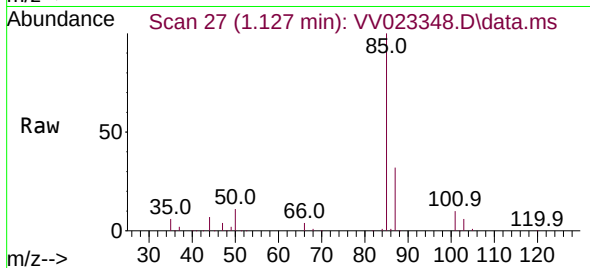




#2
 Dichlorodifluoromethane
 Concen: 4.643 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV023348.D
 Acq: 10 Nov 2021 21:33

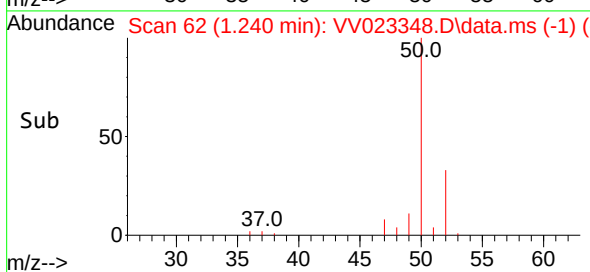
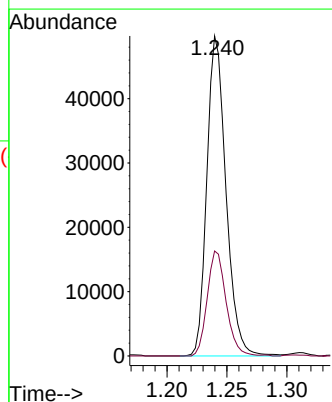
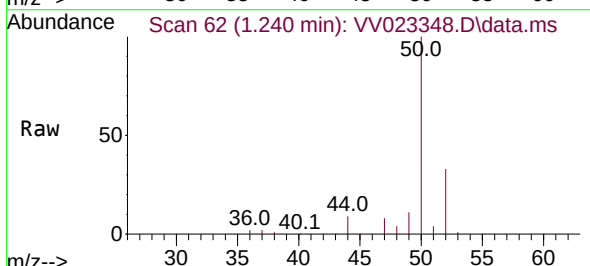
Instrument :
 MSVOA_V
 ClientSampleId :

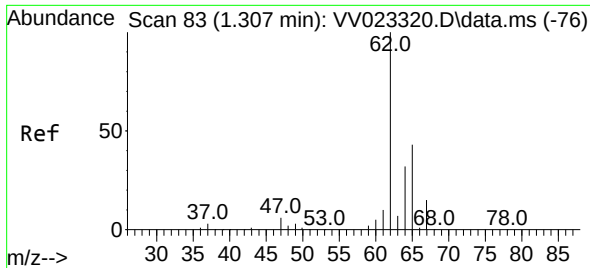
Tgt Ion: 85 Resp: 62378
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.6 39.8



#3
 Chloromethane
 Concen: 4.841 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV023348.D
 Acq: 10 Nov 2021 21:33

Tgt Ion: 50 Resp: 55298
 Ion Ratio Lower Upper
 50 100
 52 32.8 24.3 45.1

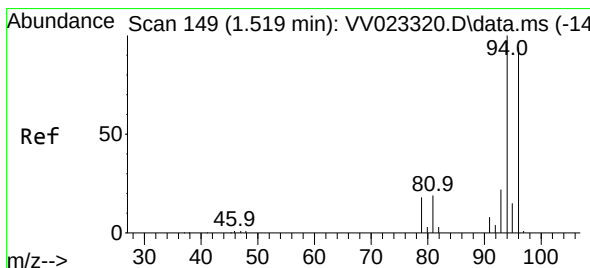
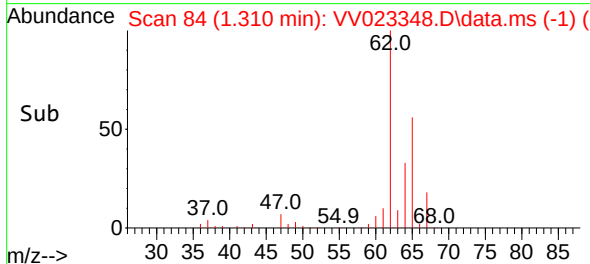
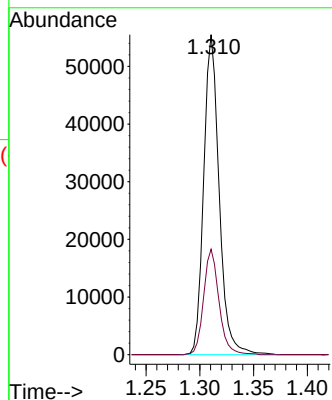
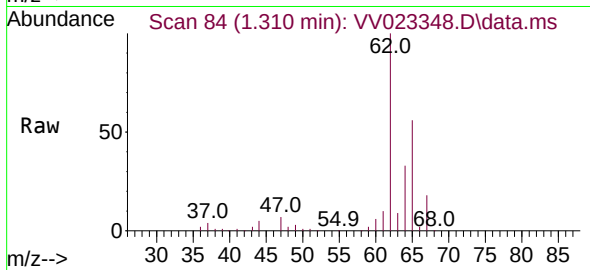




#5
 Vinyl chloride
 Concen: 4.855 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023348.D
 Acq: 10 Nov 2021 21:33

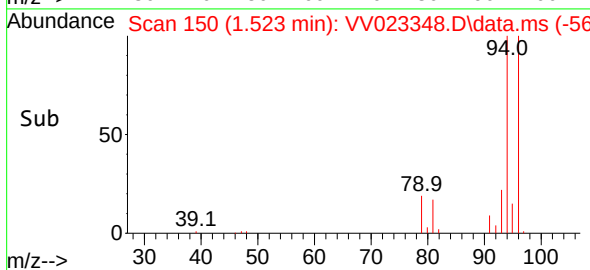
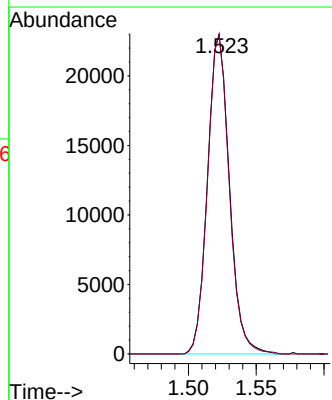
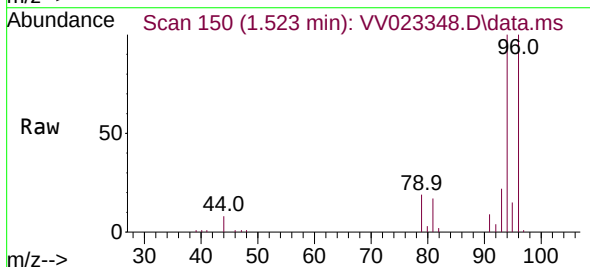
Instrument :
 MSVOA_V
 ClientSampleId :

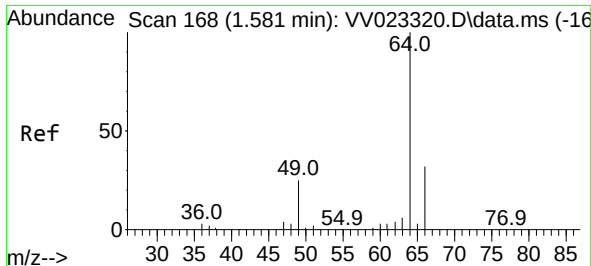
Tgt Ion: 62 Resp: 55396
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.1 42.9



#6
 Bromomethane
 Concen: 3.560 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV023348.D
 Acq: 10 Nov 2021 21:33

Tgt Ion: 94 Resp: 25959
 Ion Ratio Lower Upper
 94 100
 96 100.3 65.0 120.8

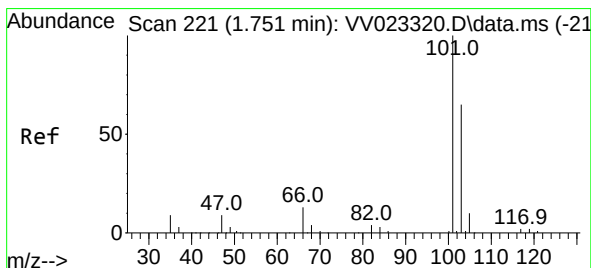
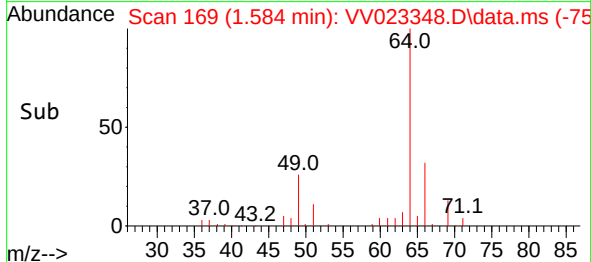
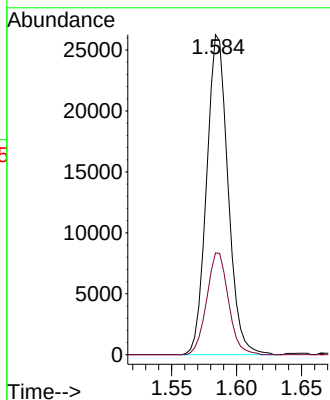
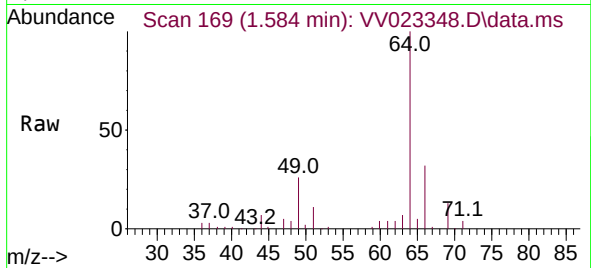




#8
Chloroethane
Concen: 4.568 ug/L
RT: 1.584 min Scan# 168
Delta R.T. 0.003 min
Lab File: VV023348.D
Acq: 10 Nov 2021 21:33

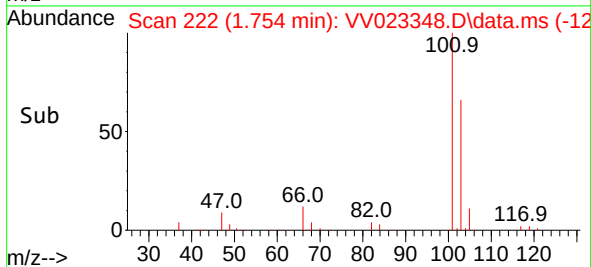
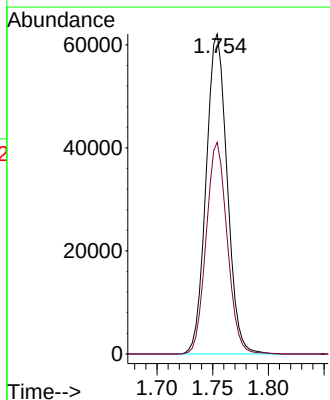
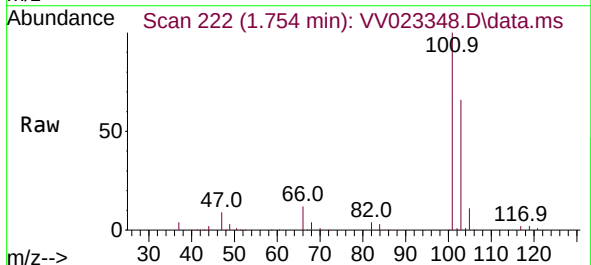
Instrument :
MSVOA_V
ClientSampleId :

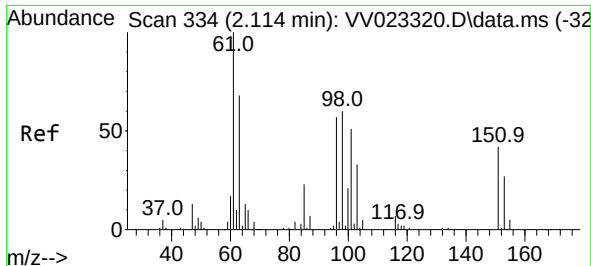
Tgt Ion: 64 Resp: 30078
Ion Ratio Lower Upper
64 100
66 31.8 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.765 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV023348.D
Acq: 10 Nov 2021 21:33

Tgt Ion:101 Resp: 81680
Ion Ratio Lower Upper
101 100
103 66.1 52.6 79.0





#10

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

Concen: 4.773 ug/L

RT: 2.117 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV023348.D

Acq: 10 Nov 2021 21:33

Instrument :

MSVOA_V

ClientSampleId :

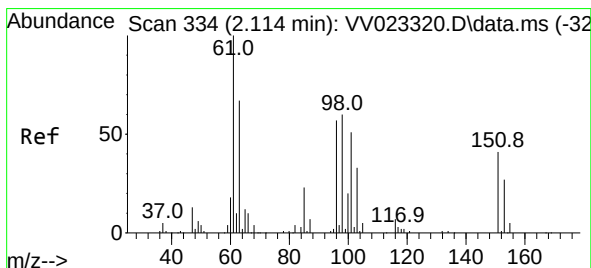
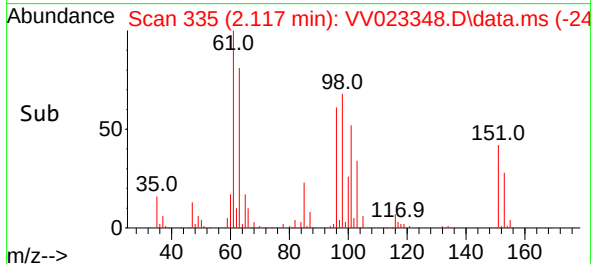
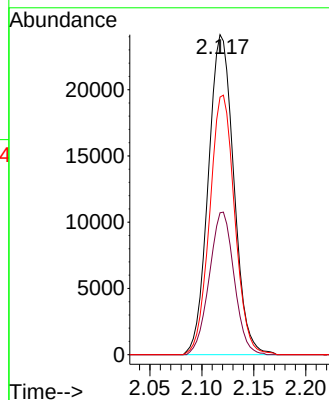
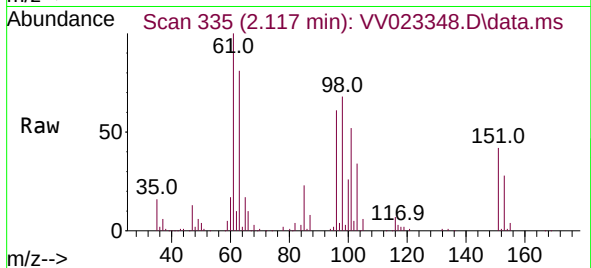
Tgt Ion:101 Resp: 41191

Ion Ratio Lower Upper

101 100

85 43.4 35.3 52.9

151 79.7 62.2 93.2



#12

1,1-Dichloroethene

Concen: 4.940 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.006 min

Lab File: VV023348.D

Acq: 10 Nov 2021 21:33

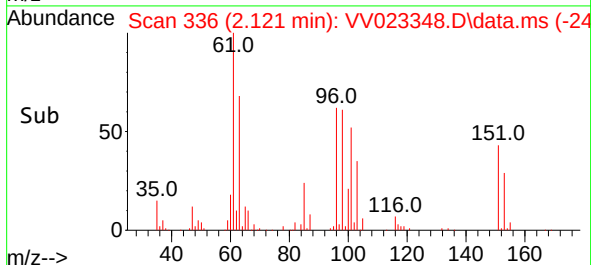
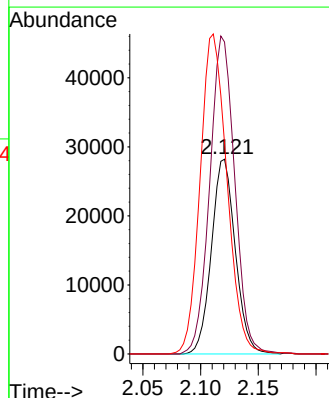
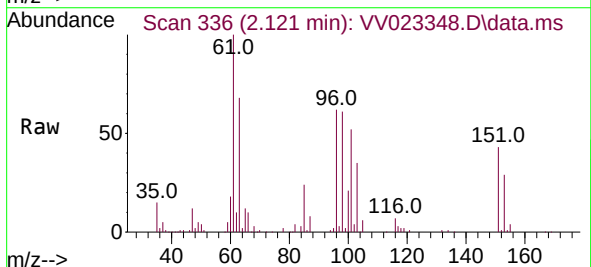
Tgt Ion: 96 Resp: 40595

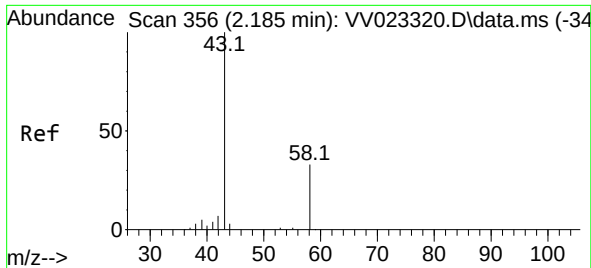
Ion Ratio Lower Upper

96 100

61 160.1 121.5 225.7

63 108.3 99.6 185.0





#13

Acetone

Concen: 68.560 ug/L

RT: 2.175 min Scan# 3

Delta R.T. -0.010 min

Lab File: VV023348.D

Acq: 10 Nov 2021 21:33

Instrument :

MSVOA_V

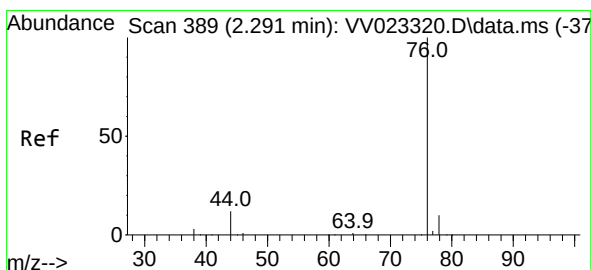
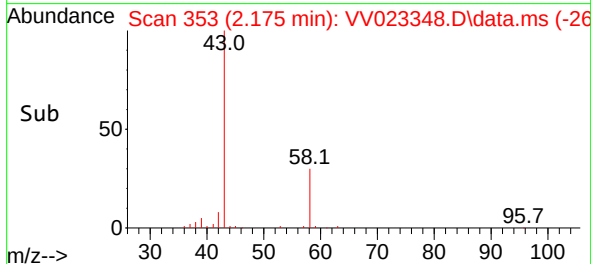
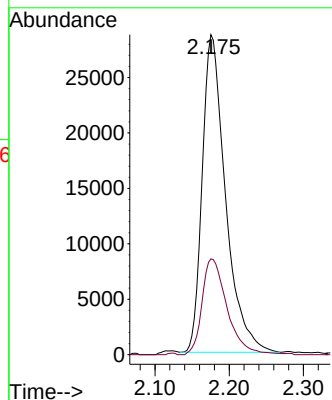
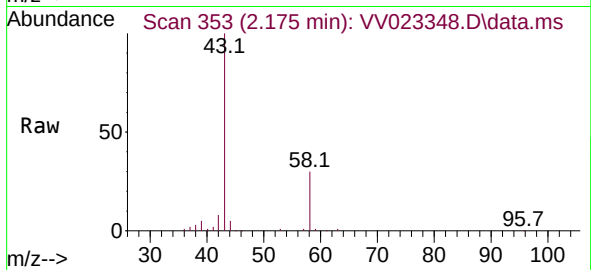
ClientSampleId :

Tgt Ion: 43 Resp: 62301

Ion Ratio Lower Upper

43 100

58 32.4 0.0 55.4



#14

Carbon disulfide

Concen: 4.538 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.003 min

Lab File: VV023348.D

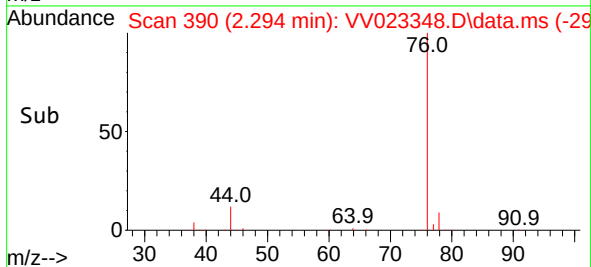
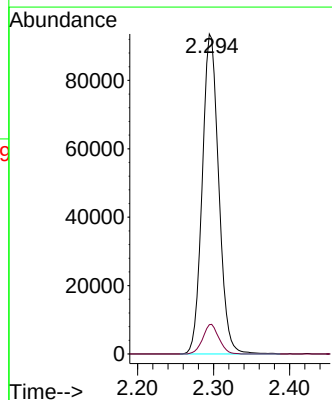
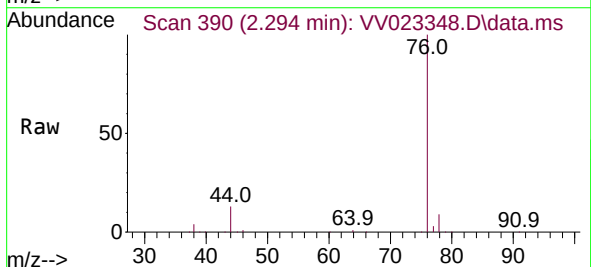
Acq: 10 Nov 2021 21:33

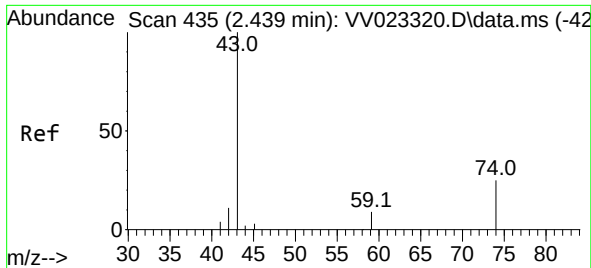
Tgt Ion: 76 Resp: 140731

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

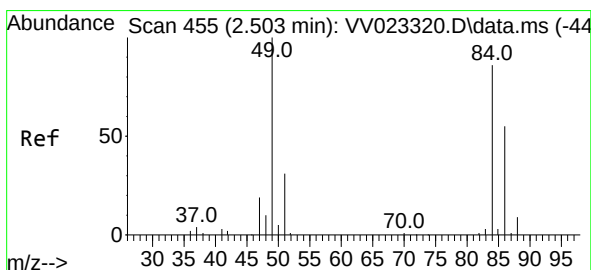
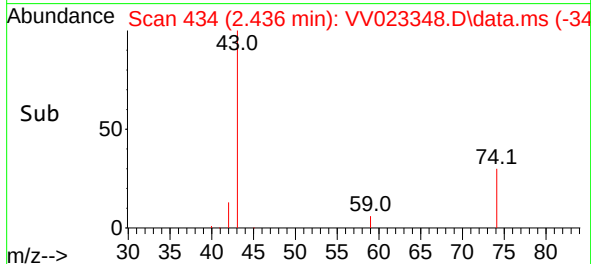
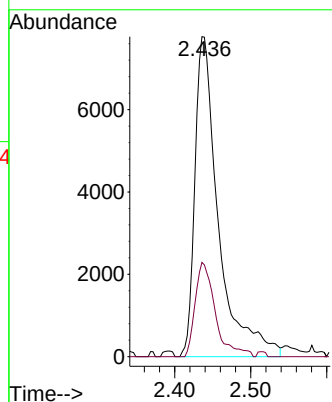
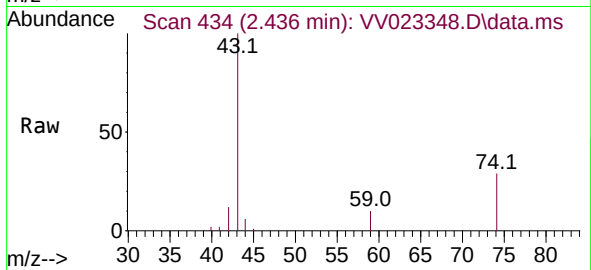




#15
Methyl Acetate
Concen: 6.501 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV023348.D
Acq: 10 Nov 2021 21:33

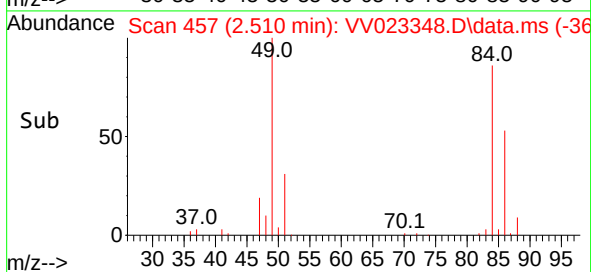
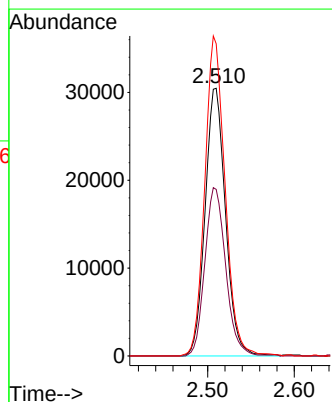
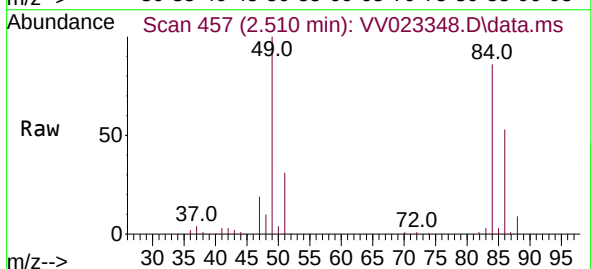
Instrument :
MSVOA_V
ClientSampleId :

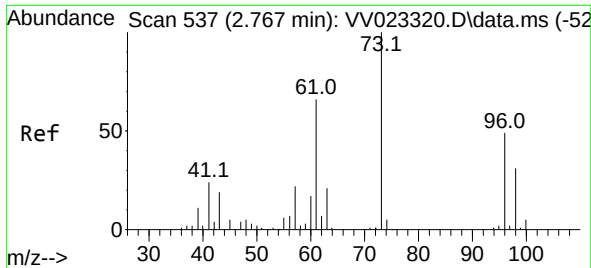
Tgt Ion: 43 Resp: 16720
Ion Ratio Lower Upper
43 100
74 25.2 22.2 33.2



#16
Methylene chloride
Concen: 4.169 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.006 min
Lab File: VV023348.D
Acq: 10 Nov 2021 21:33

Tgt Ion: 84 Resp: 49991
Ion Ratio Lower Upper
84 100
86 62.2 42.3 78.5
49 116.6 79.7 148.1

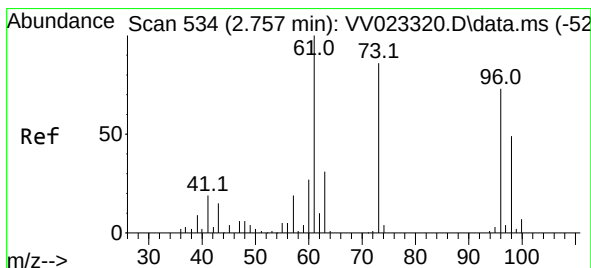
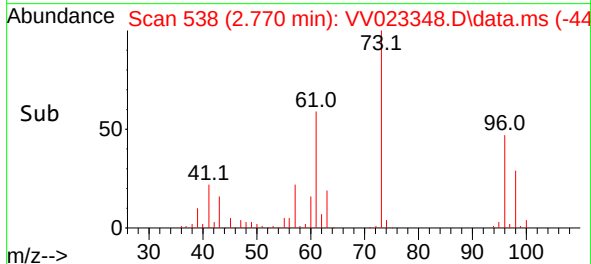
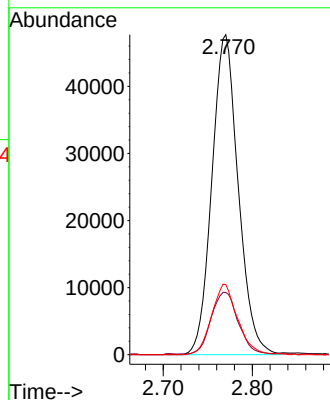
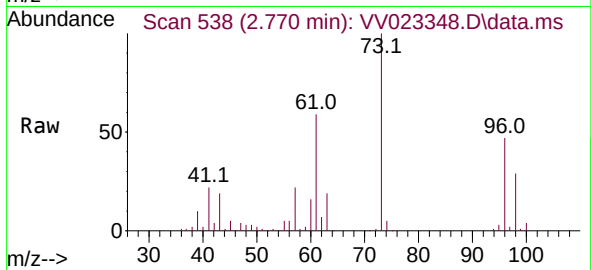




#17
Methyl tert-butyl Ether
Concen: 5.419 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023348.D
Acq: 10 Nov 2021 21:33

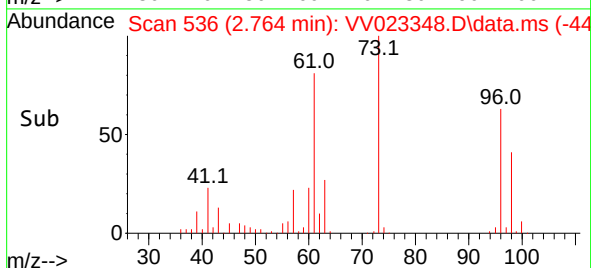
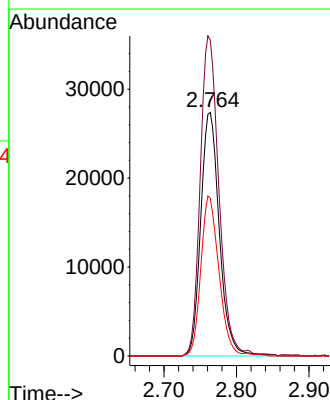
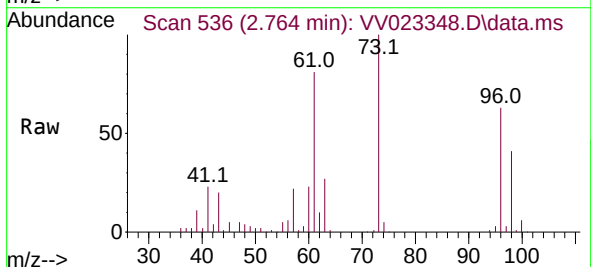
Instrument :
MSVOA_V
ClientSampleId :

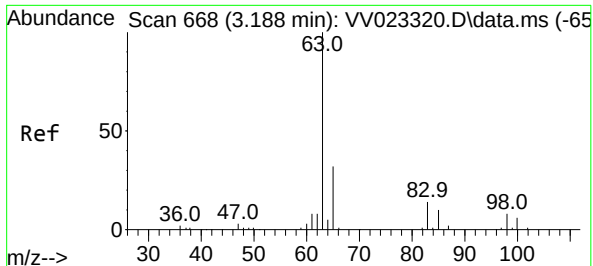
Tgt Ion: 73 Resp: 98020
Ion Ratio Lower Upper
73 100
43 19.6 17.4 26.0
57 21.6 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 4.834 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.006 min
Lab File: VV023348.D
Acq: 10 Nov 2021 21:33

Tgt Ion: 96 Resp: 48831
Ion Ratio Lower Upper
96 100
61 129.6 93.2 173.2
98 64.7 47.0 87.2





#19

1,1-Dichloroethane

Concen: 4.967 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV023348.D

Acq: 10 Nov 2021 21:33

Instrument :

MSVOA_V

ClientSampleId :

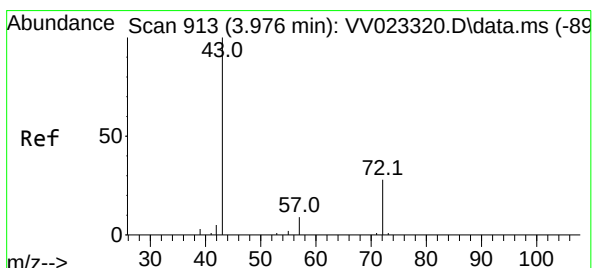
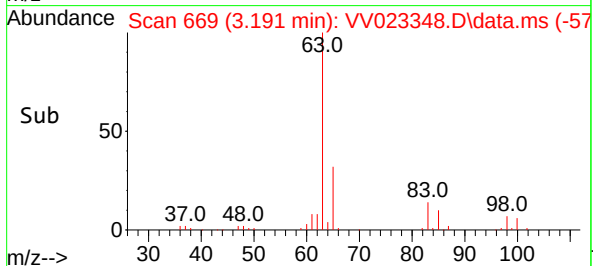
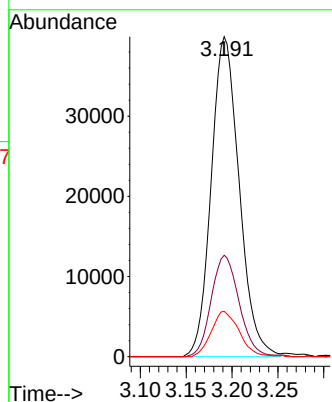
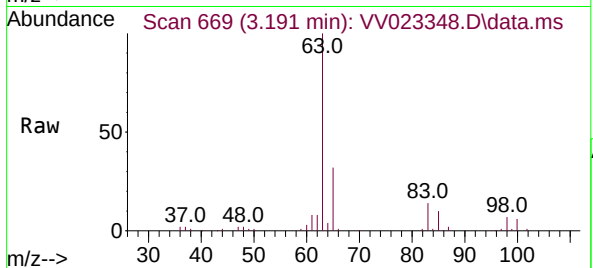
Tgt Ion: 63 Resp: 84709

Ion Ratio Lower Upper

63 100

65 31.7 22.6 42.0

83 14.2 11.1 20.7



#21

2-Butanone

Concen: 69.240 ug/L

RT: 3.969 min Scan# 911

Delta R.T. -0.006 min

Lab File: VV023348.D

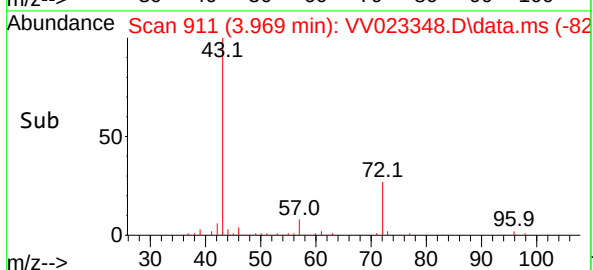
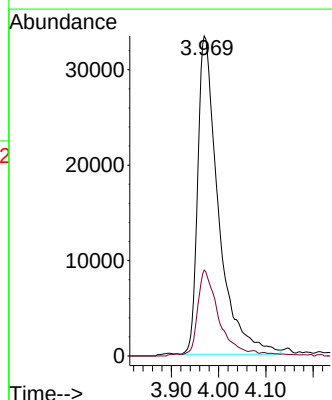
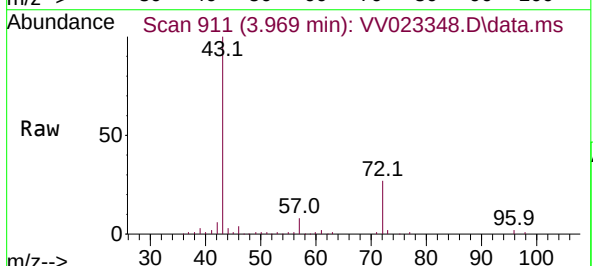
Acq: 10 Nov 2021 21:33

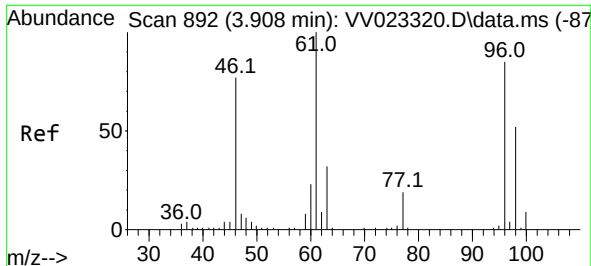
Tgt Ion: 43 Resp: 101725

Ion Ratio Lower Upper

43 100

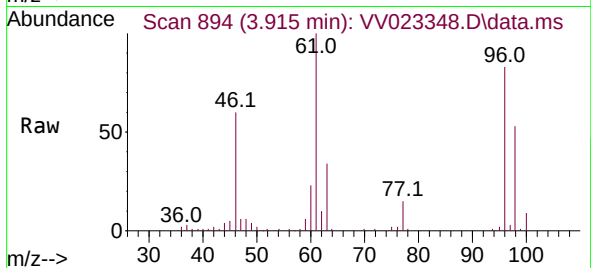
72 25.7 11.9 35.9



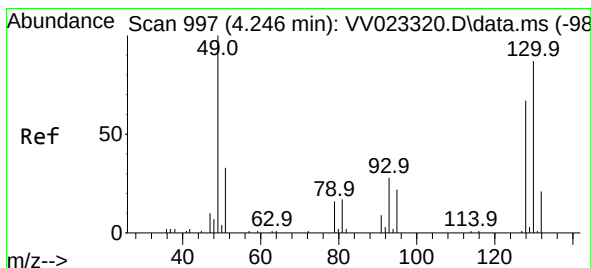
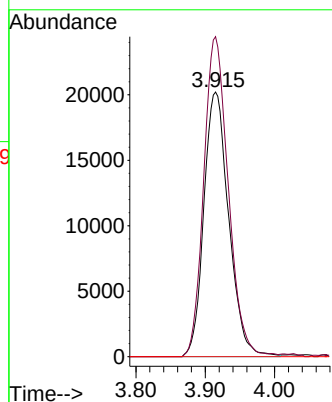
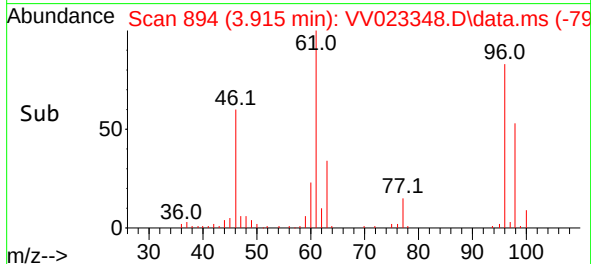


#22
 cis-1,2-Dichloroethene
 Concen: 5.191 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.006 min
 Lab File: VV023348.D
 Acq: 10 Nov 2021 21:33

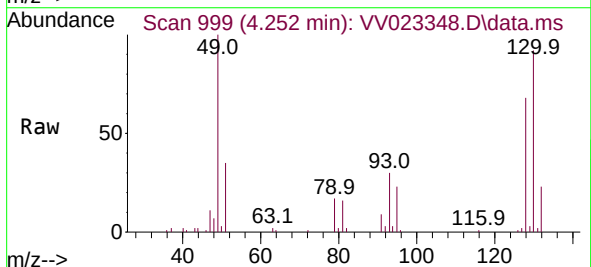
Instrument :
 MSVOA_V
 ClientSampleId :



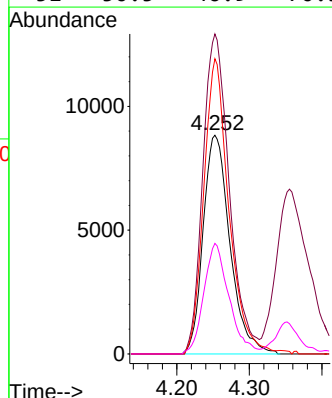
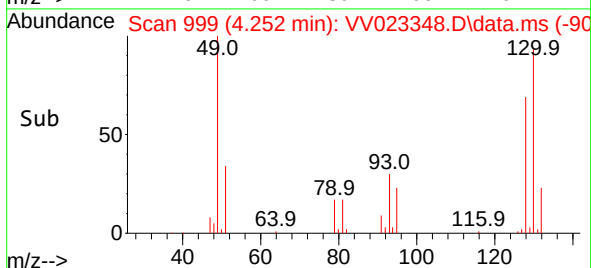
Tgt Ion: 96 Resp: 50464
 Ion Ratio Lower Upper
 96 100
 61 120.9 92.3 171.3
 68 0.0 0.4 0.8#

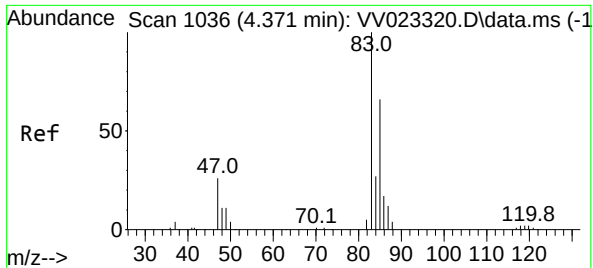


#23
 Bromochloromethane
 Concen: 5.064 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. 0.006 min
 Lab File: VV023348.D
 Acq: 10 Nov 2021 21:33



Tgt Ion: 128 Resp: 22701
 Ion Ratio Lower Upper
 128 100
 49 146.3 126.1 234.3
 130 135.0 95.2 176.8
 51 50.5 46.9 70.3

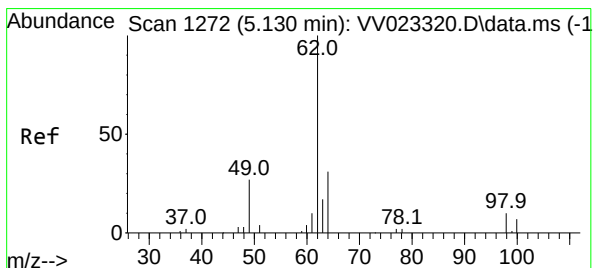
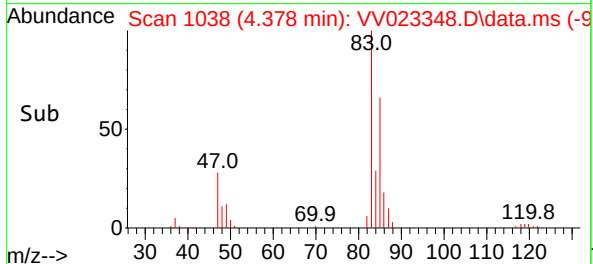
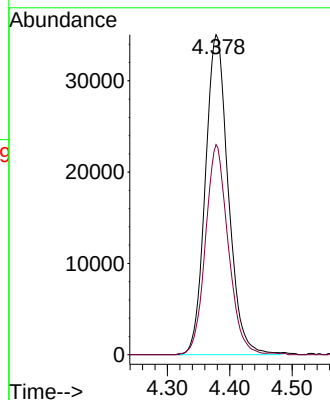
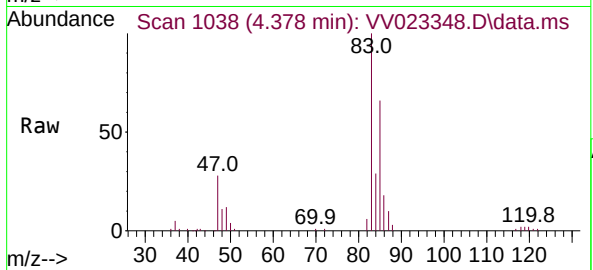




#25
Chloroform
Concen: 4.923 ug/L
RT: 4.378 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VV023348.D
Acq: 10 Nov 2021 21:33

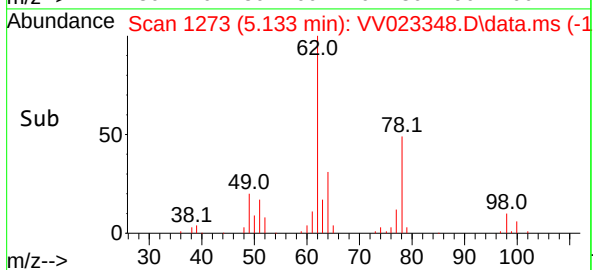
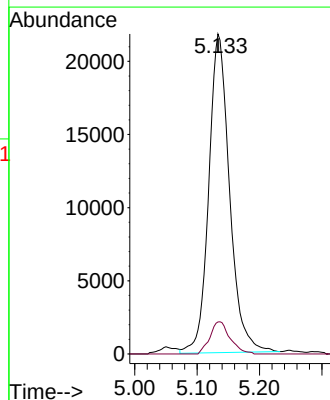
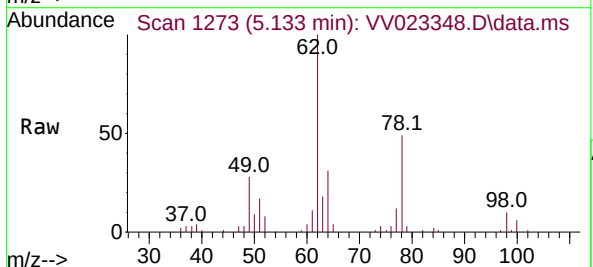
Instrument :
MSVOA_V
ClientSampleId :

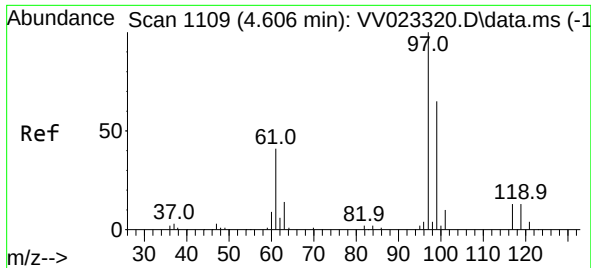
Tgt Ion: 83 Resp: 89492
Ion Ratio Lower Upper
83 100
85 65.7 46.8 86.8



#27
1,2-Dichloroethane
Concen: 5.228 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV023348.D
Acq: 10 Nov 2021 21:33

Tgt Ion: 62 Resp: 50548
Ion Ratio Lower Upper
62 100
98 10.0 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 4.878 ug/L

RT: 4.609 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV023348.D

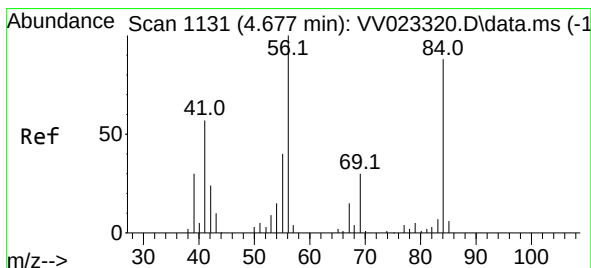
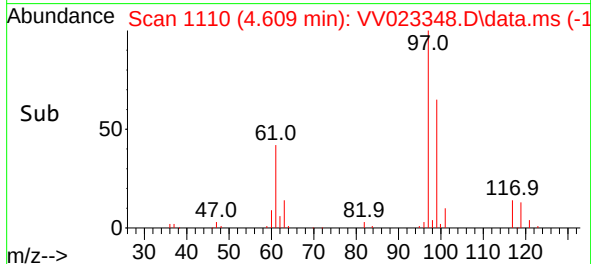
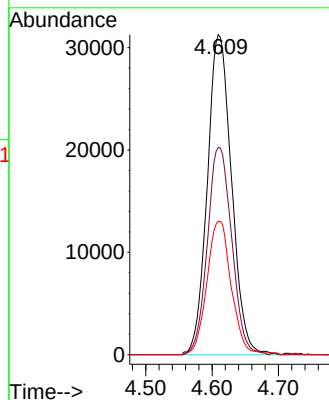
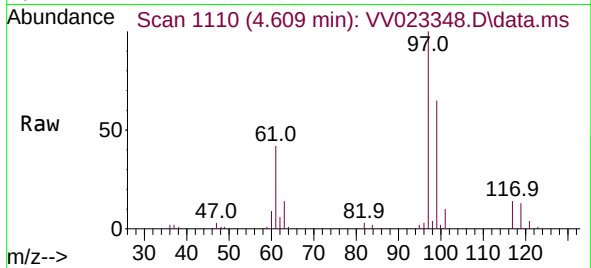
Acq: 10 Nov 2021 21:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97	Resp: 79481
Ion Ratio	Lower Upper
97 100	
99 65.0	51.0 76.4
61 41.6	34.1 51.1



#30

Cyclohexane

Concen: 5.004 ug/L

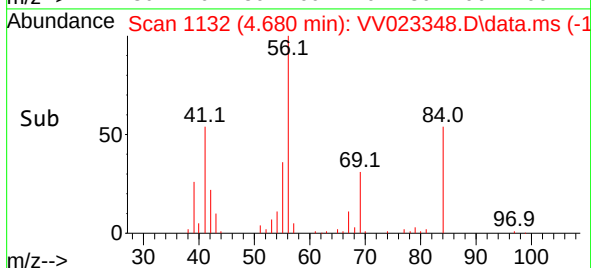
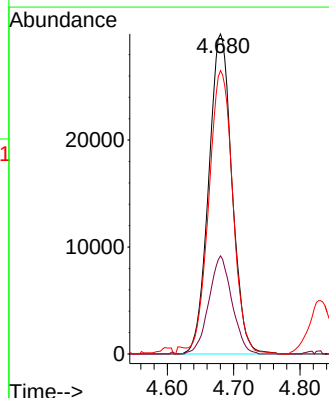
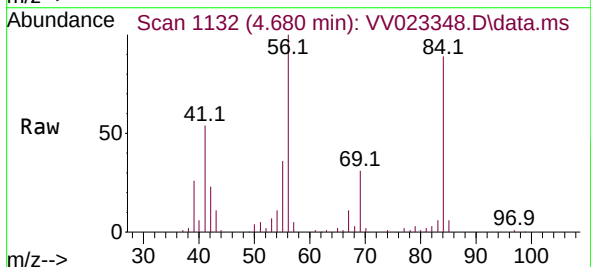
RT: 4.680 min Scan# 1132

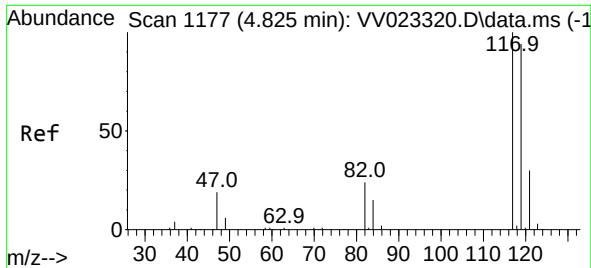
Delta R.T. 0.003 min

Lab File: VV023348.D

Acq: 10 Nov 2021 21:33

Tgt Ion: 56	Resp: 73058
Ion Ratio	Lower Upper
56 100	
69 30.3	23.5 35.3
84 91.2	71.6 107.4

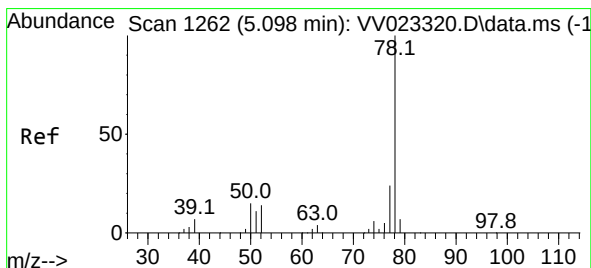
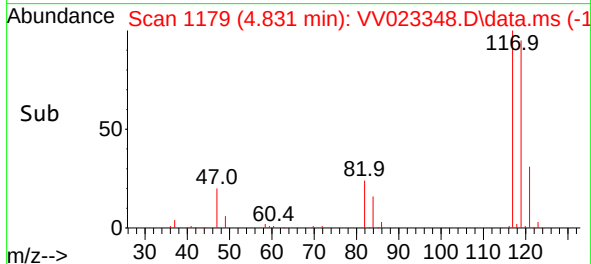
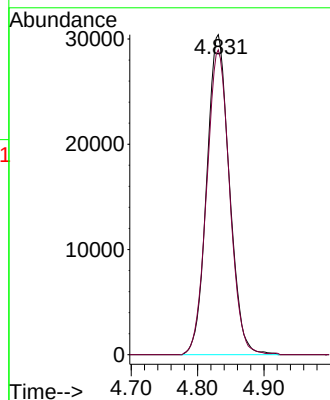
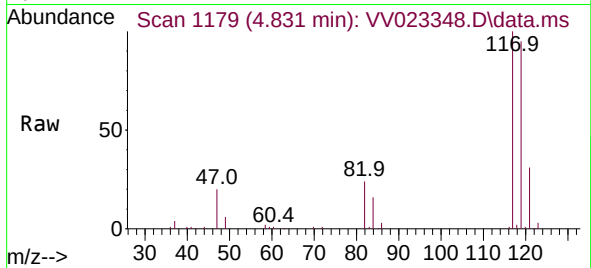




#31
Carbon tetrachloride
Concen: 4.927 ug/L
RT: 4.831 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VV023348.D
Acq: 10 Nov 2021 21:33

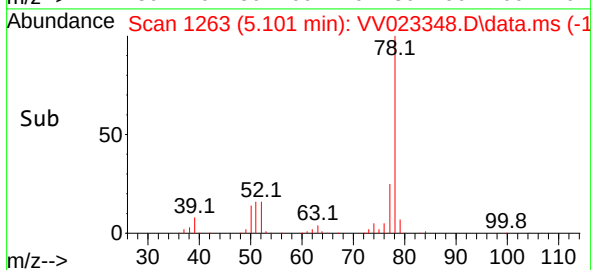
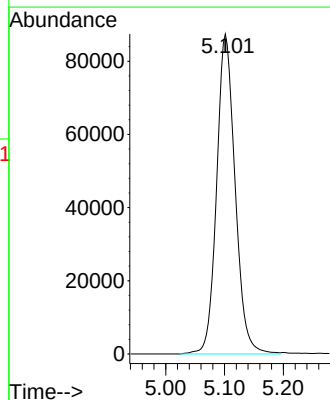
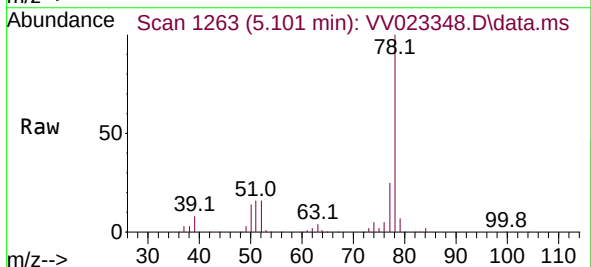
Instrument :
MSVOA_V
ClientSampleId :

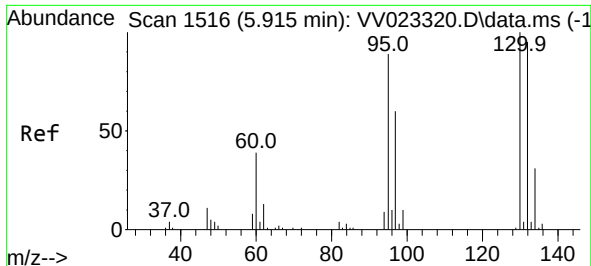
Tgt Ion:117 Resp: 72098
Ion Ratio Lower Upper
117 100
119 96.6 78.8 118.2



#33
Benzene
Concen: 5.091 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV023348.D
Acq: 10 Nov 2021 21:33

Tgt Ion: 78 Resp: 190919

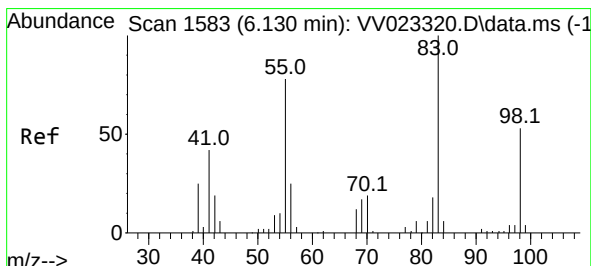
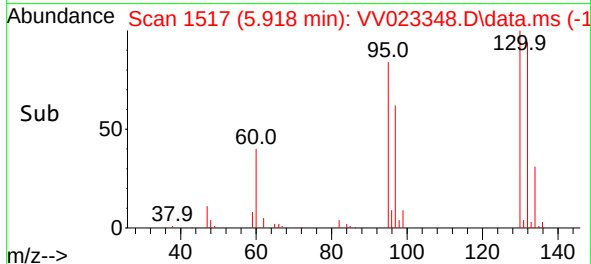
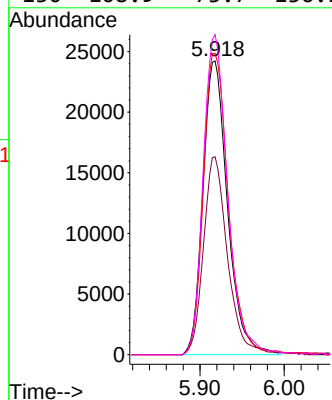
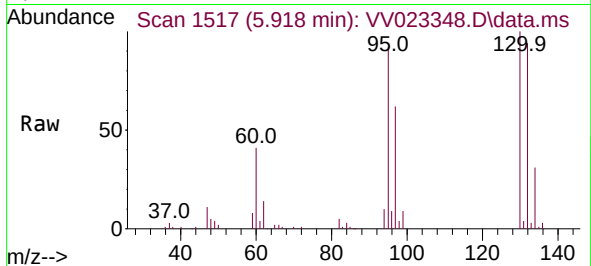




#34
Trichloroethene
Concen: 4.943 ug/L
RT: 5.918 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV023348.D
Acq: 10 Nov 2021 21:33

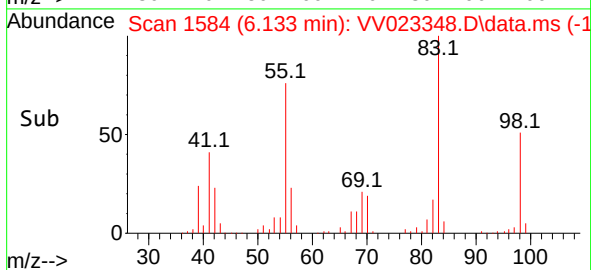
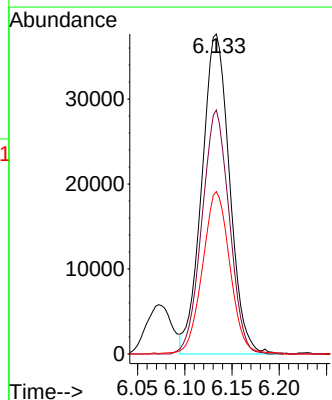
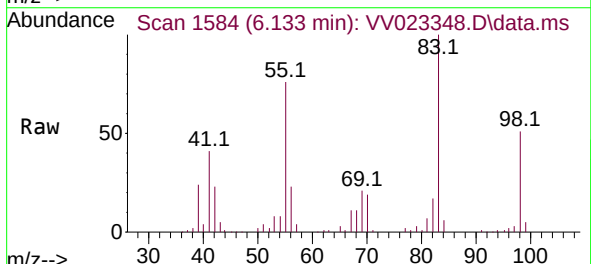
Instrument :
MSVOA_V
ClientSampleId :

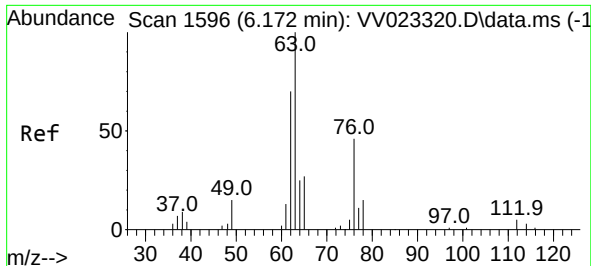
Tgt Ion: 95 Resp: 49289
Ion Ratio Lower Upper
95 100
97 67.4 45.0 83.6
132 102.6 69.7 129.4
130 108.9 73.7 136.9



#35
Methylcyclohexane
Concen: 4.893 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV023348.D
Acq: 10 Nov 2021 21:33

Tgt Ion: 83 Resp: 77019
Ion Ratio Lower Upper
83 100
55 74.9 62.8 94.2
98 50.1 37.9 56.9





#37

1,2-Dichloropropane

Concen: 5.147 ug/L

RT: 6.175 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV023348.D

Acq: 10 Nov 2021 21:33

Instrument :

MSVOA_V

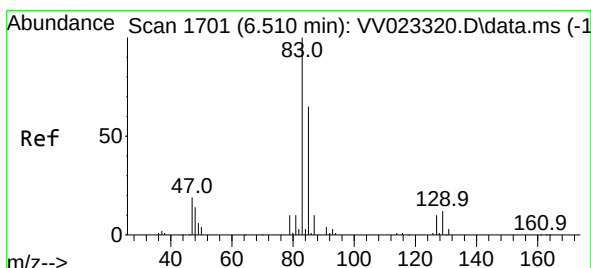
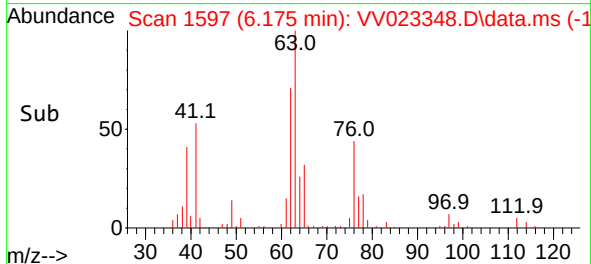
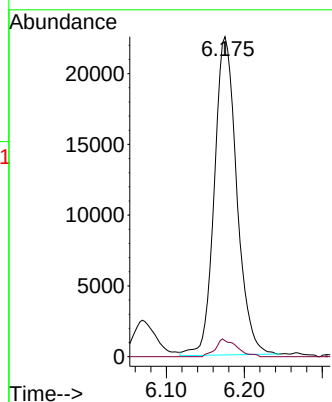
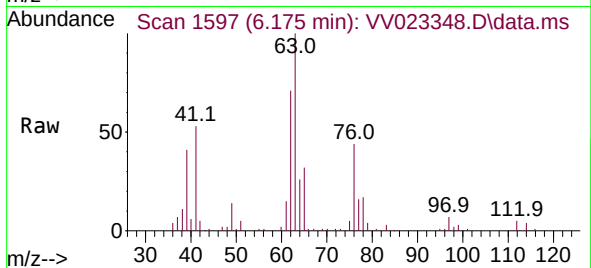
ClientSampleId :

Tgt Ion: 63 Resp: 45059

Ion Ratio Lower Upper

63 100

112 5.2 4.6 6.8



#38

Bromodichloromethane

Concen: 5.017 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.003 min

Lab File: VV023348.D

Acq: 10 Nov 2021 21:33

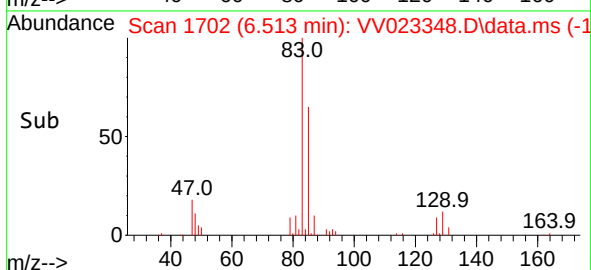
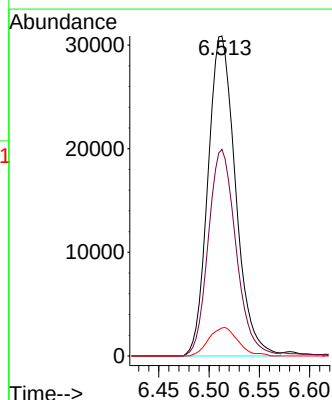
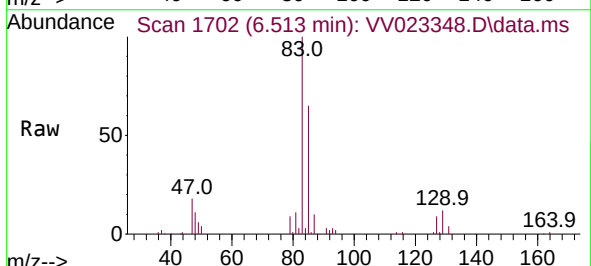
Tgt Ion: 83 Resp: 58865

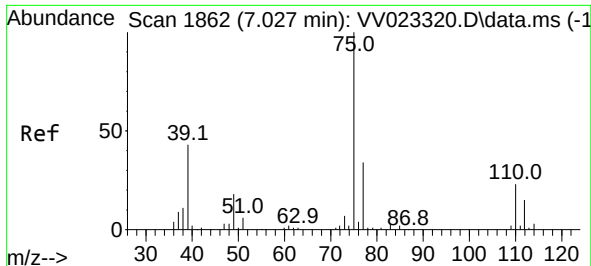
Ion Ratio Lower Upper

83 100

85 64.5 46.1 85.7

127 8.8 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.004 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. -0.000 min

Lab File: VV023348.D

Acq: 10 Nov 2021 21:33

Instrument :

MSVOA_V

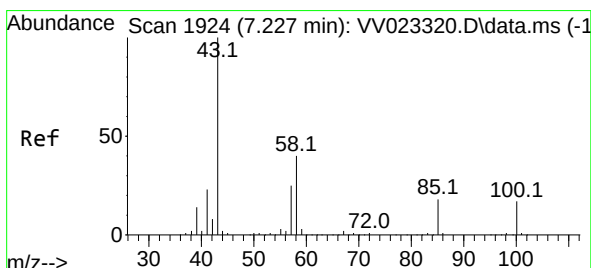
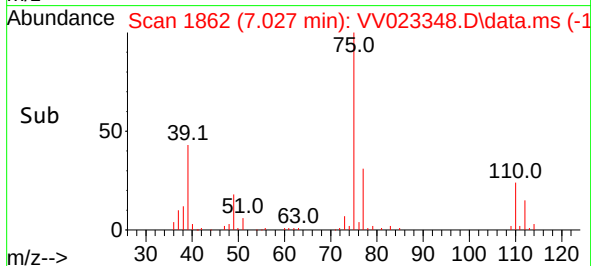
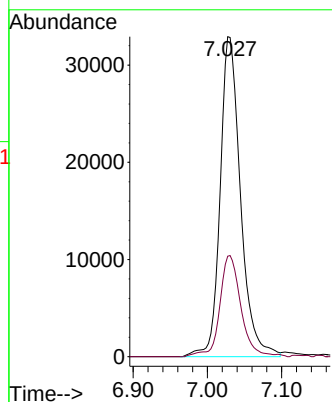
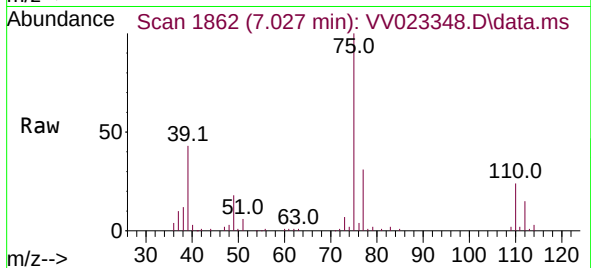
ClientSampleId :

Tgt Ion: 75 Resp: 63007

Ion Ratio Lower Upper

75 100

77 31.4 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 61.328 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV023348.D

Acq: 10 Nov 2021 21:33

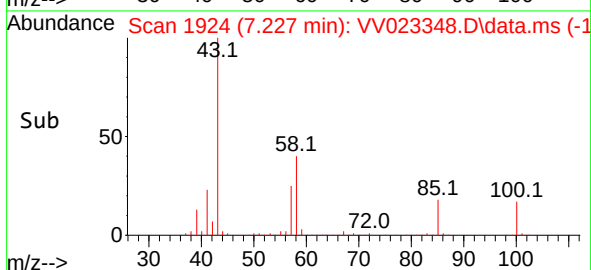
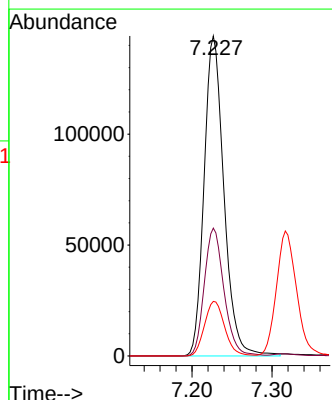
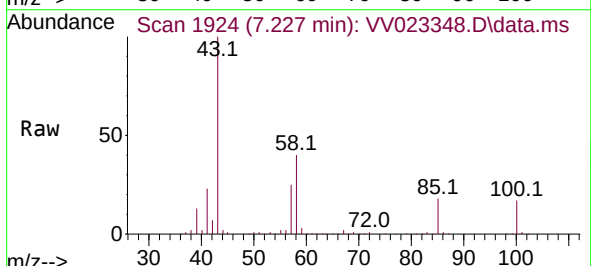
Tgt Ion: 43 Resp: 249005

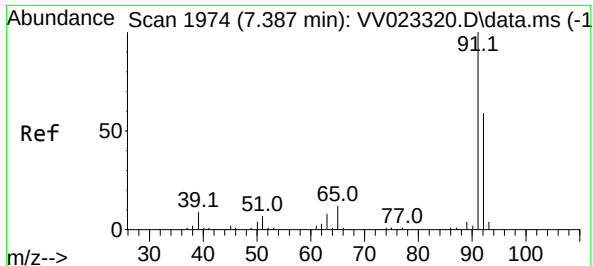
Ion Ratio Lower Upper

43 100

58 39.7 31.1 46.7

100 17.3 12.6 19.0





#42

Toluene

Concen: 5.198 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV023348.D

Acq: 10 Nov 2021 21:33

Instrument :

MSVOA_V

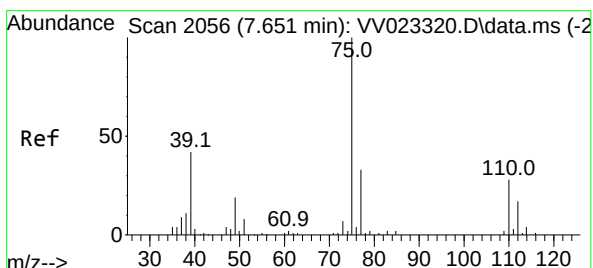
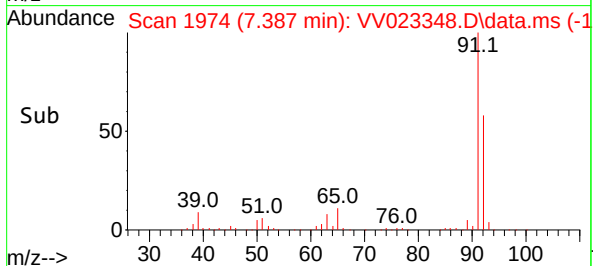
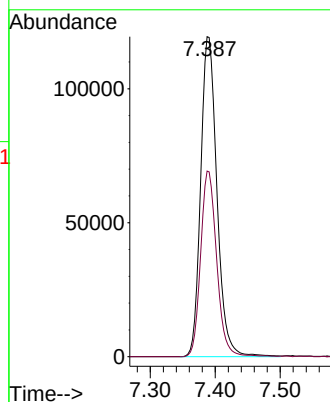
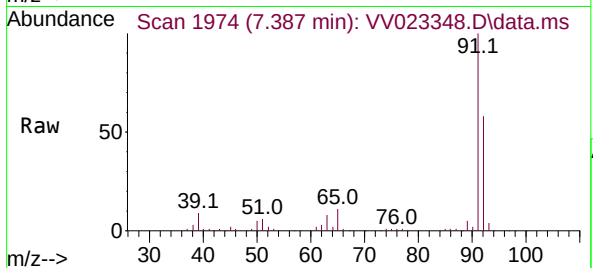
ClientSampleId :

Tgt Ion: 91 Resp: 208503

Ion Ratio Lower Upper

91 100

92 58.0 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 5.164 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV023348.D

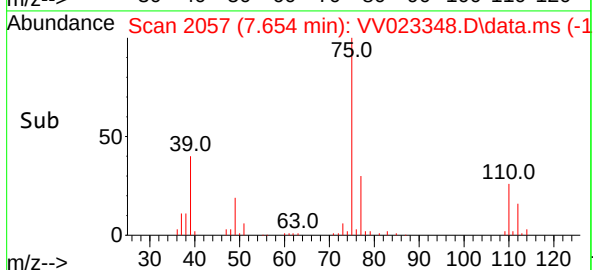
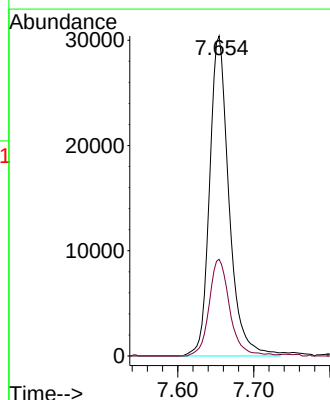
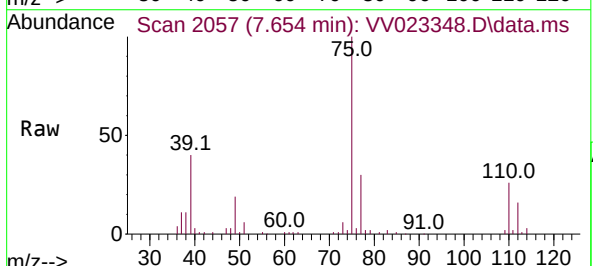
Acq: 10 Nov 2021 21:33

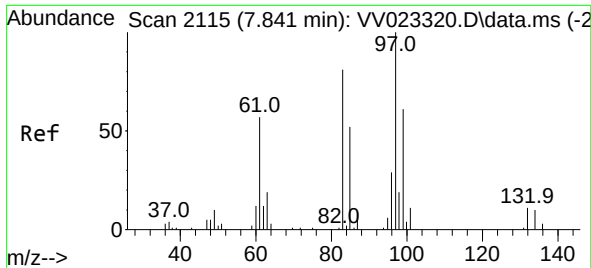
Tgt Ion: 75 Resp: 53948

Ion Ratio Lower Upper

75 100

77 30.2 22.5 41.7

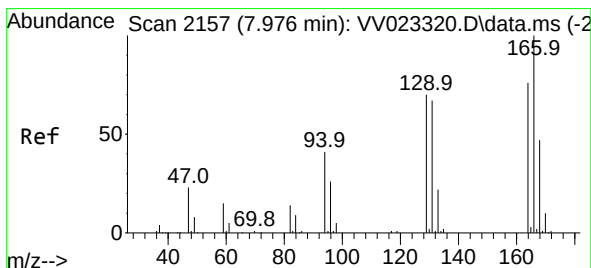
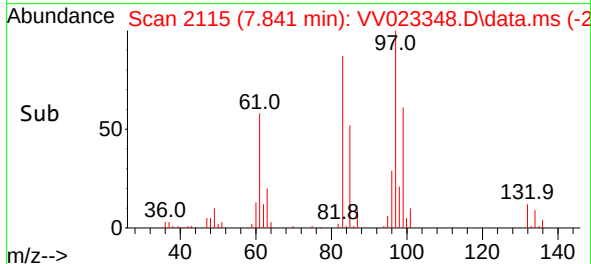
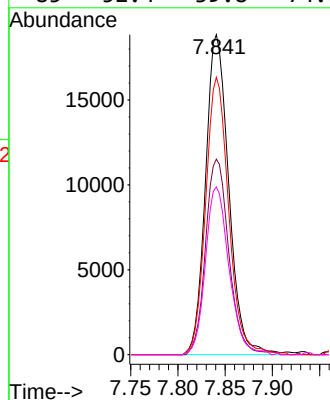
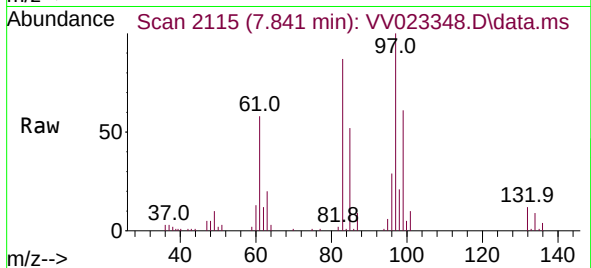




#45
1,1,2-Trichloroethane
Concen: 5.125 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV023348.D
Acq: 10 Nov 2021 21:33

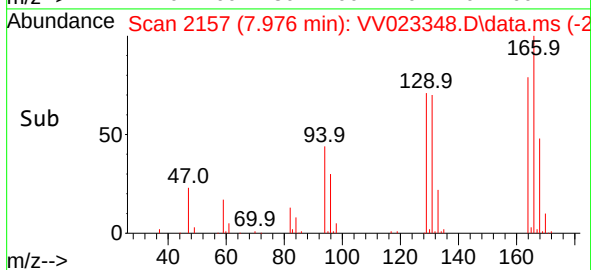
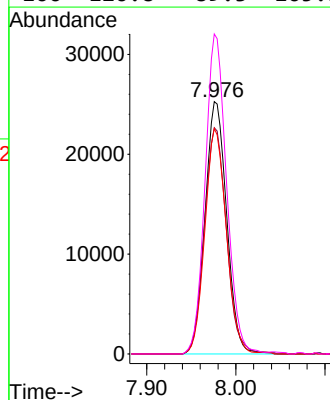
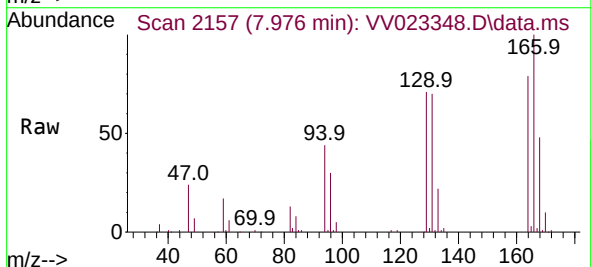
Instrument :
MSVOA_V
ClientSampleId :

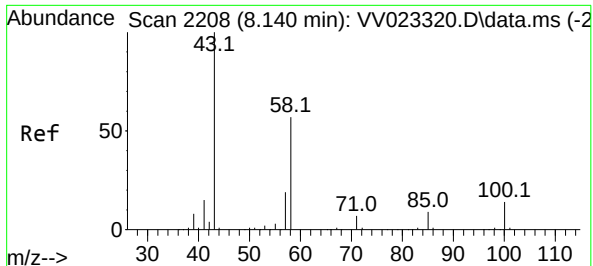
Tgt Ion: 97	Resp: 32237
Ion Ratio	Lower Upper
97 100	
99 61.1	43.6 81.0
83 86.7	58.4 108.4
85 52.4	39.8 74.0



#47
Tetrachloroethene
Concen: 4.942 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV023348.D
Acq: 10 Nov 2021 21:33

Tgt	Ion:164	Resp:	42714
Ion	Ratio	Lower	Upper
164	100		
129	89.7	64.0	119.0
131	89.3	63.4	117.8
166	126.8	89.3	165.9

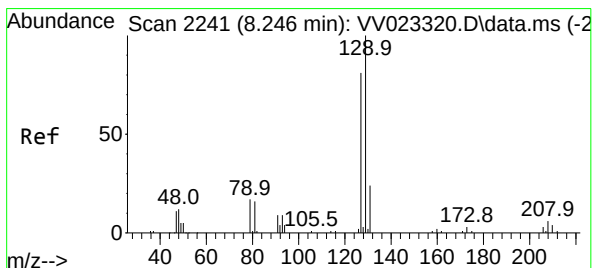
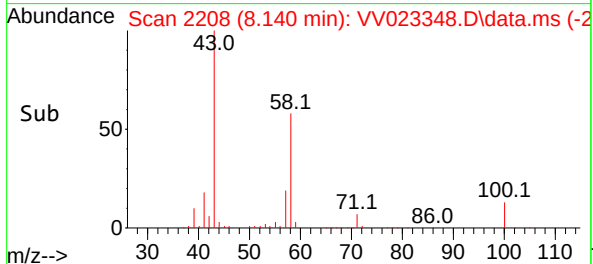
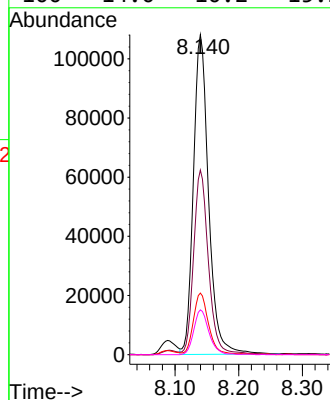
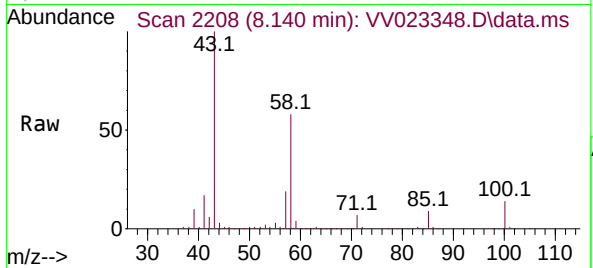




#48
2-Hexanone
Concen: 62.928 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023348.D
Acq: 10 Nov 2021 21:33

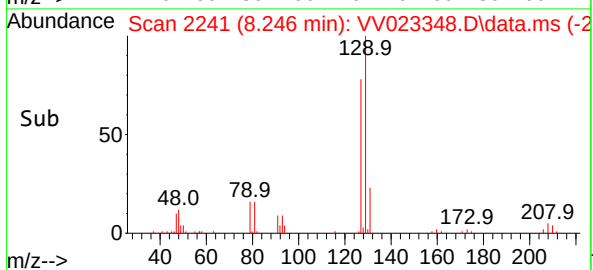
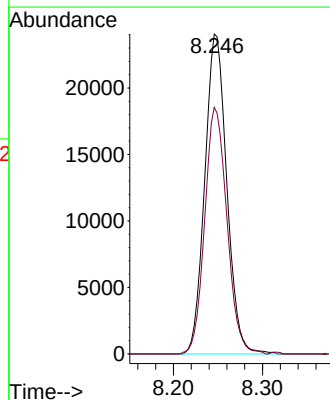
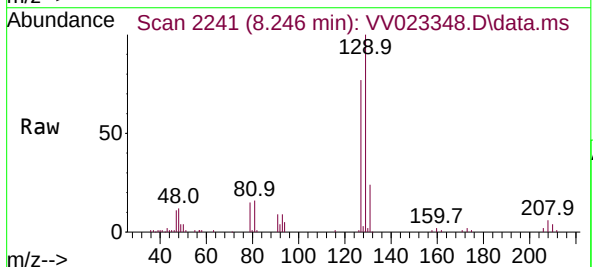
Instrument :
MSVOA_V
ClientSampleId :

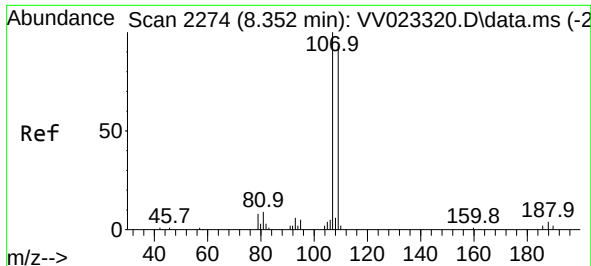
Tgt Ion: 43 Resp: 179035
Ion Ratio Lower Upper
43 100
58 56.1 43.7 65.5
57 18.6 14.1 21.1
100 14.0 10.2 15.2



#49
Dibromochloromethane
Concen: 5.178 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV023348.D
Acq: 10 Nov 2021 21:33

Tgt Ion:129 Resp: 41268
Ion Ratio Lower Upper
129 100
127 77.1 54.7 101.7





#50

1,2-Dibromoethane

Concen: 5.220 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV023348.D

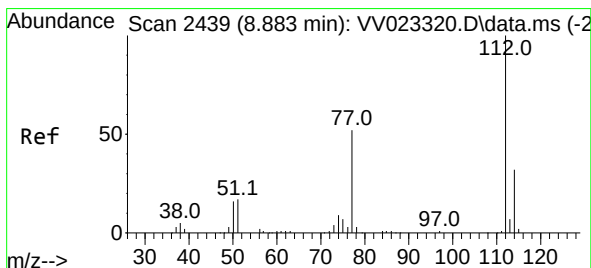
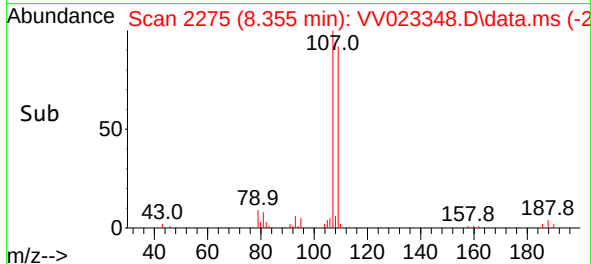
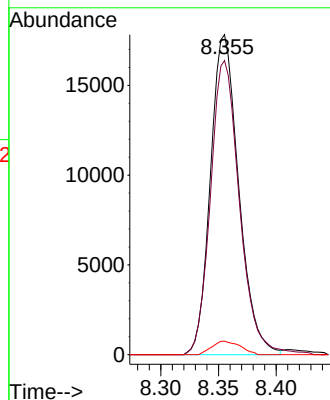
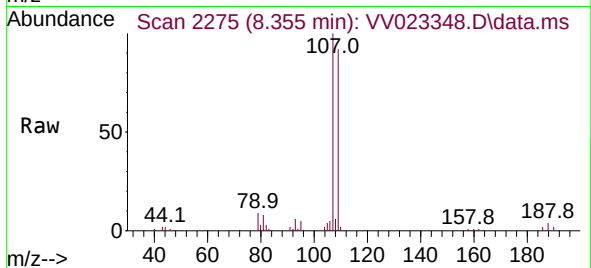
Acq: 10 Nov 2021 21:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	30427
Ion	Ratio	Lower	Upper
107	100		
109	91.9	64.7	120.1
188	4.2	3.6	5.4



#51

Chlorobenzene

Concen: 4.973 ug/L

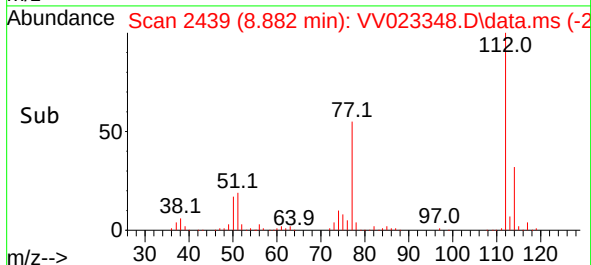
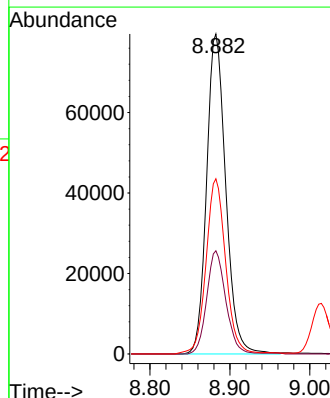
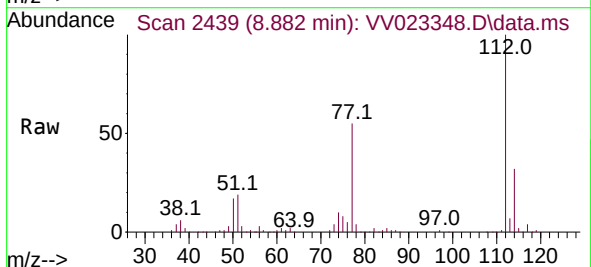
RT: 8.882 min Scan# 2439

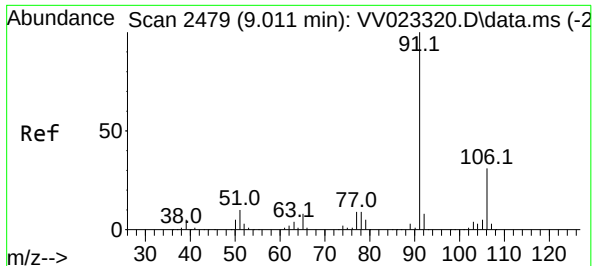
Delta R.T. -0.000 min

Lab File: VV023348.D

Acq: 10 Nov 2021 21:33

Tgt Ion:	112	Resp:	132572
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.0	40.8
77	54.7	44.4	66.6





#52

Ethylbenzene

Concen: 5.111 ug/L

RT: 9.014 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV023348.D

Acq: 10 Nov 2021 21:33

Instrument :

MSVOA_V

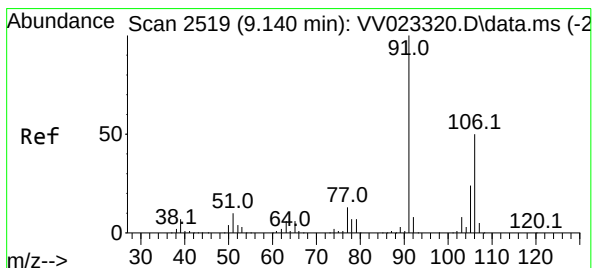
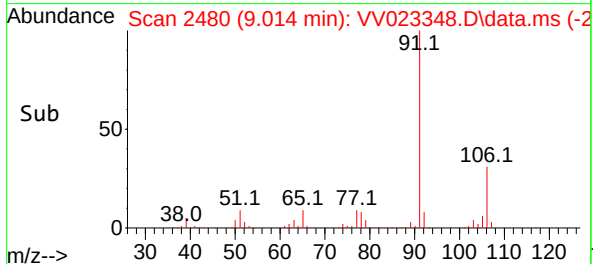
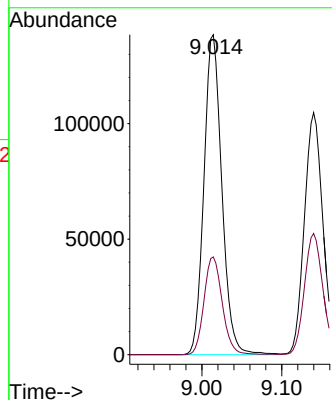
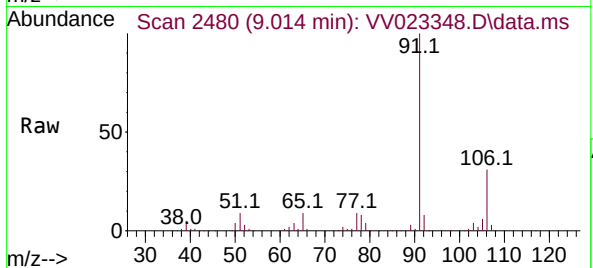
ClientSampleId :

Tgt Ion: 91 Resp: 216229

Ion Ratio Lower Upper

91 100

106 30.5 22.5 41.9



#53

m,p-xylene

Concen: 5.093 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. -0.000 min

Lab File: VV023348.D

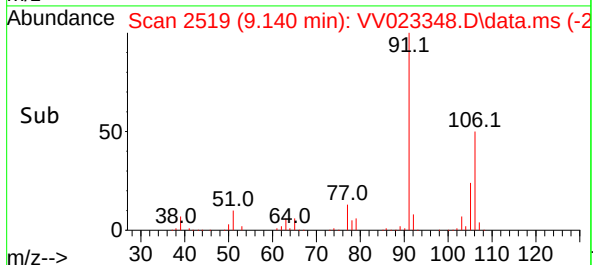
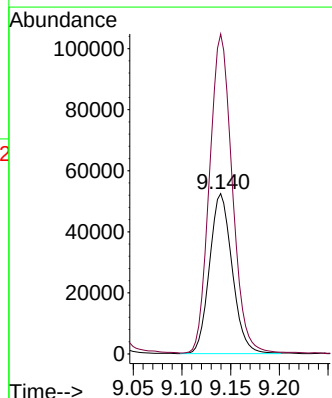
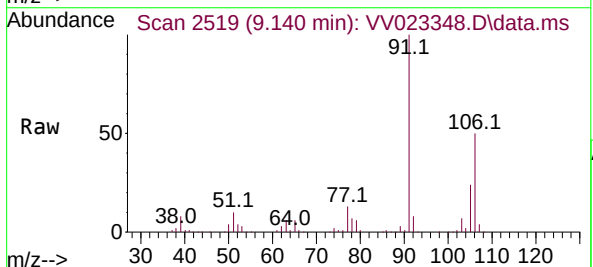
Acq: 10 Nov 2021 21:33

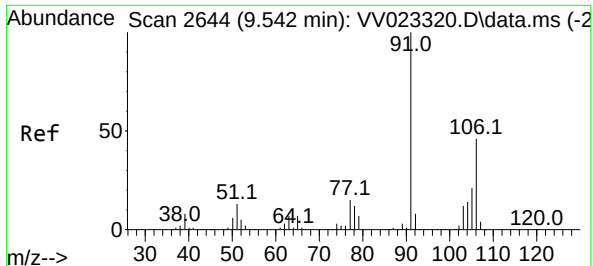
Tgt Ion: 106 Resp: 84556

Ion Ratio Lower Upper

106 100

91 199.6 137.2 254.8

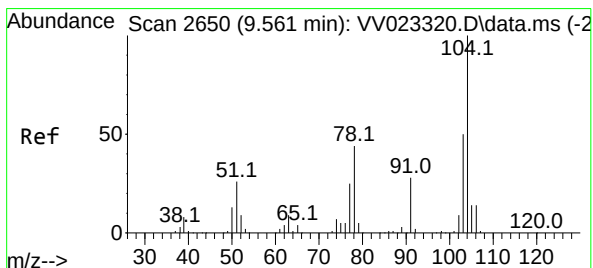
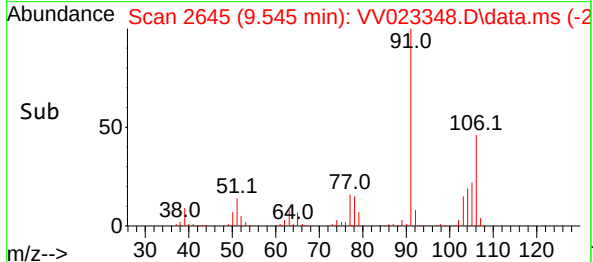
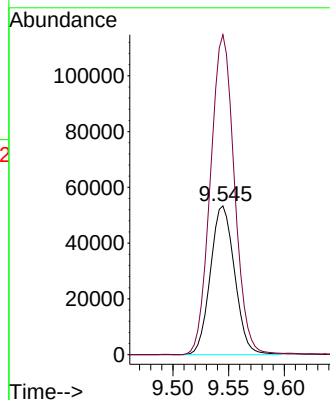
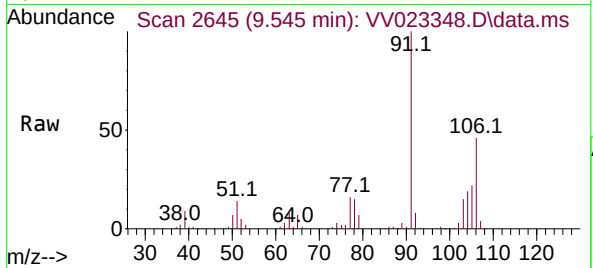




#54
o-xylene
Concen: 5.184 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV023348.D
Acq: 10 Nov 2021 21:33

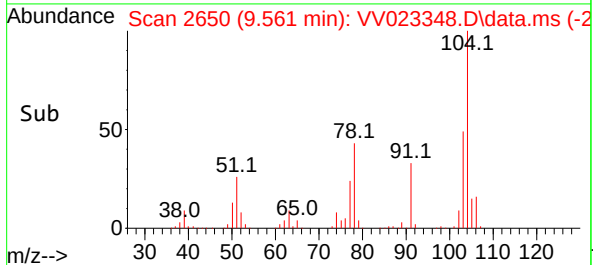
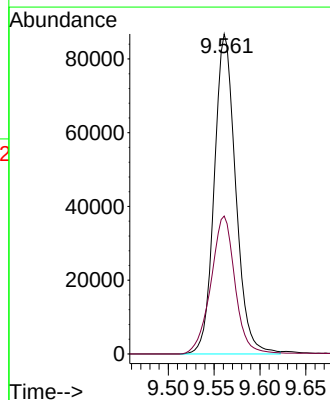
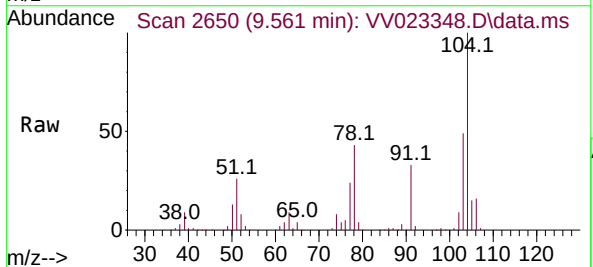
Instrument :
MSVOA_V
ClientSampleId :

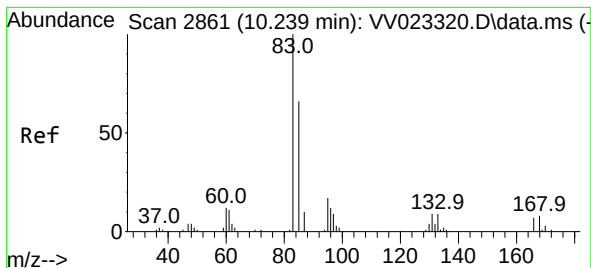
Tgt Ion:106 Resp: 80743
Ion Ratio Lower Upper
106 100
91 215.2 148.3 275.5



#55
Styrene
Concen: 5.288 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV023348.D
Acq: 10 Nov 2021 21:33

Tgt Ion:104 Resp: 141091
Ion Ratio Lower Upper
104 100
78 43.1 29.3 54.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.287 ug/L

RT: 10.243 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV023348.D

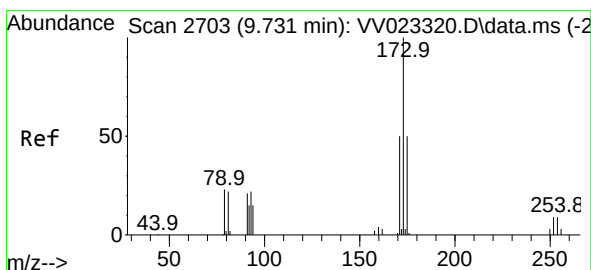
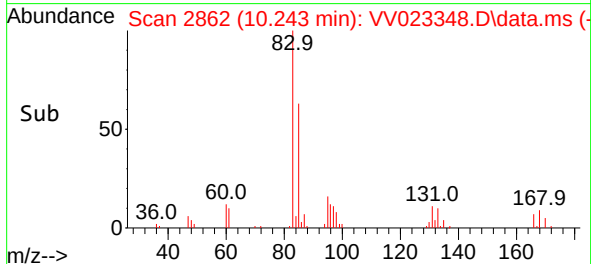
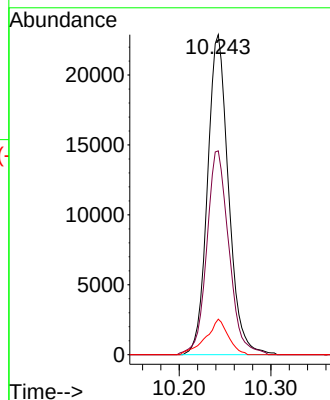
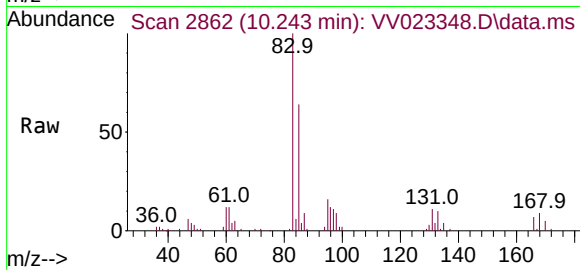
Acq: 10 Nov 2021 21:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 36435
Ion Ratio	Lower Upper
83	100
85	63.7 45.1 83.9
131	11.1 7.8 11.6



#59

Bromoform

Concen: 4.900 ug/L

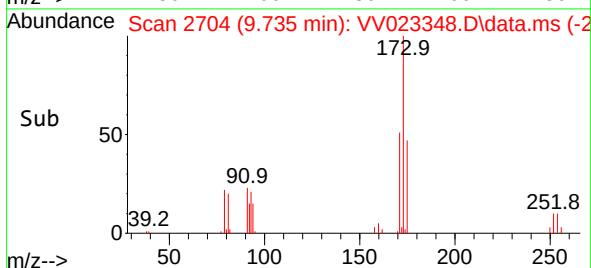
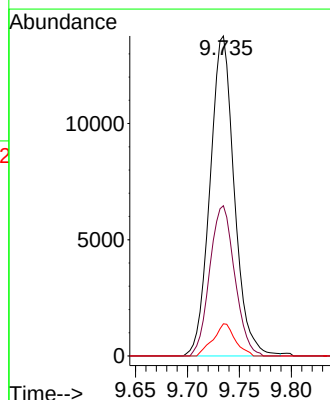
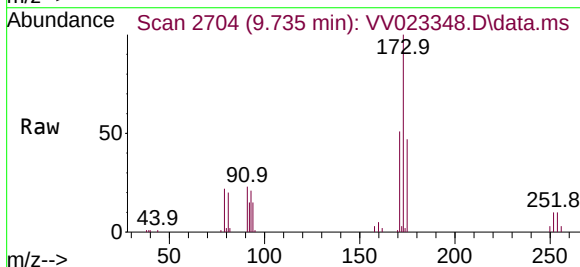
RT: 9.735 min Scan# 2704

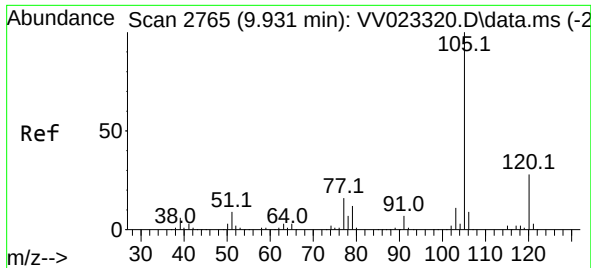
Delta R.T. 0.003 min

Lab File: VV023348.D

Acq: 10 Nov 2021 21:33

Tgt Ion: 173	Resp: 22361
Ion Ratio	Lower Upper
173	100
175	48.3 38.2 57.2
254	9.1 6.2 9.2

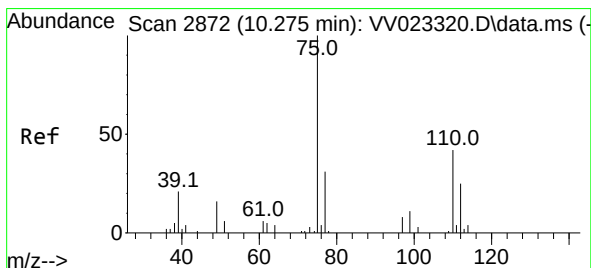
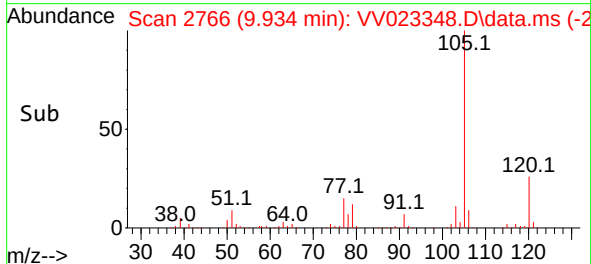
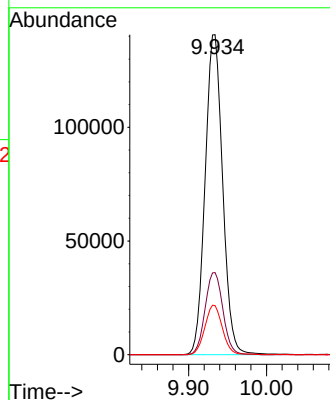
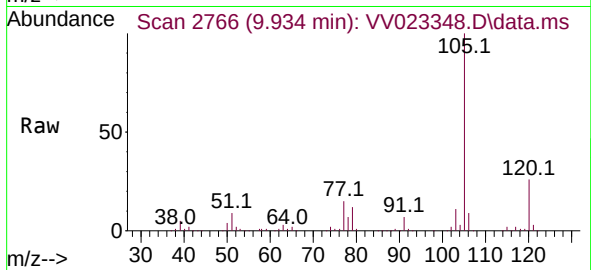




#60
Isopropylbenzene
Concen: 5.013 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023348.D
Acq: 10 Nov 2021 21:33

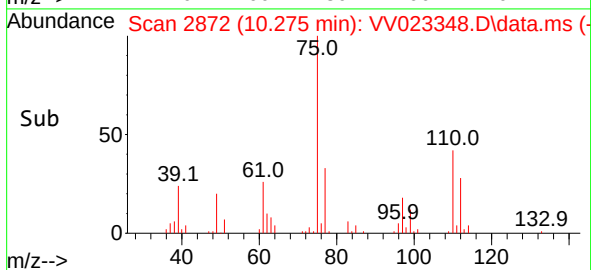
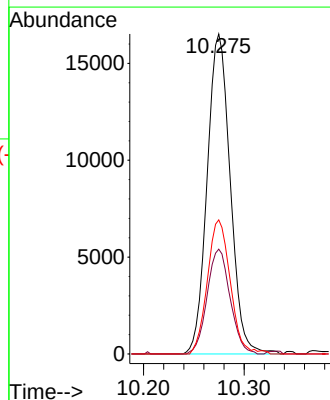
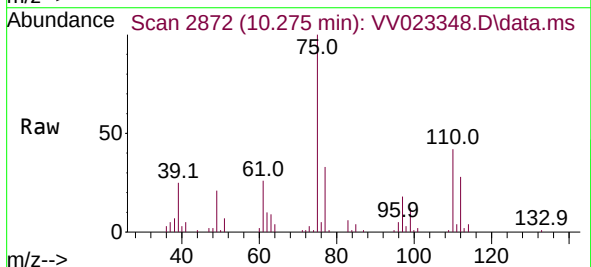
Instrument :
MSVOA_V
ClientSampleId :

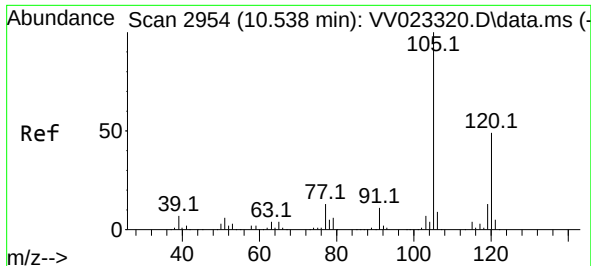
Tgt Ion:105 Resp: 219753
Ion Ratio Lower Upper
105 100
120 26.1 21.7 32.5
77 15.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.193 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV023348.D
Acq: 10 Nov 2021 21:33

Tgt Ion: 75 Resp: 26352
Ion Ratio Lower Upper
75 100
77 32.5 26.6 39.8
110 41.6 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 5.044 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV023348.D

Acq: 10 Nov 2021 21:33

Instrument :

MSVOA_V

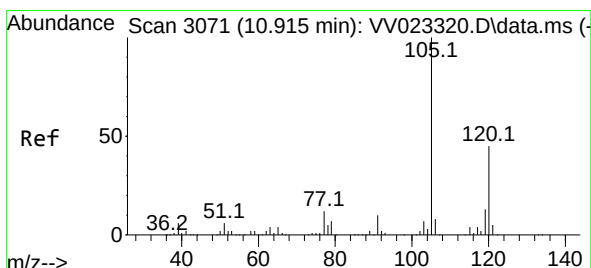
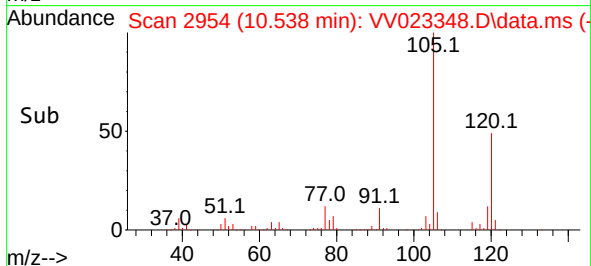
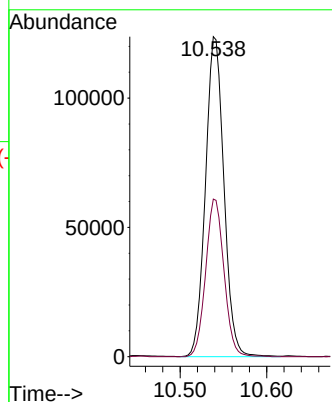
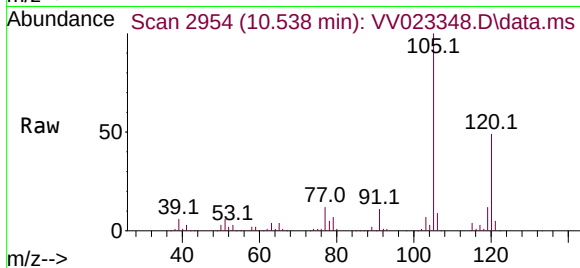
ClientSampleId :

Tgt Ion:105 Resp: 183362

Ion Ratio Lower Upper

105 100

120 48.9 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 5.119 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV023348.D

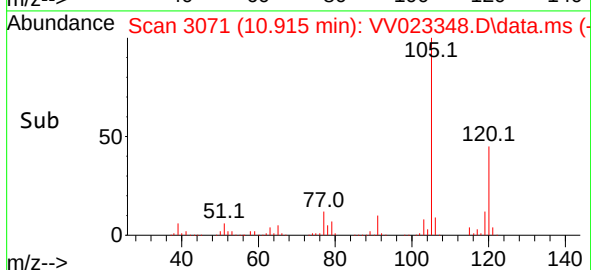
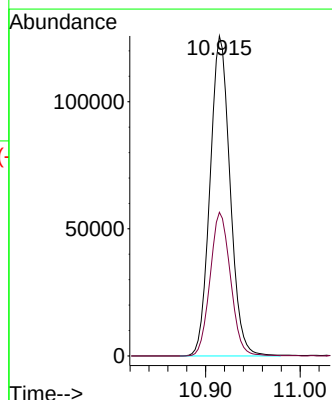
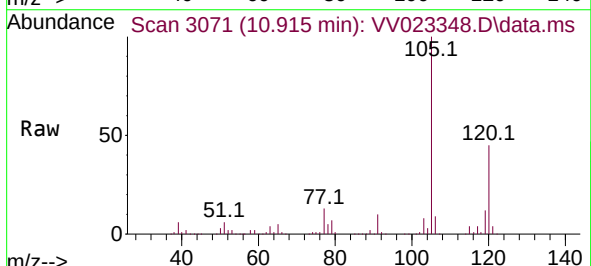
Acq: 10 Nov 2021 21:33

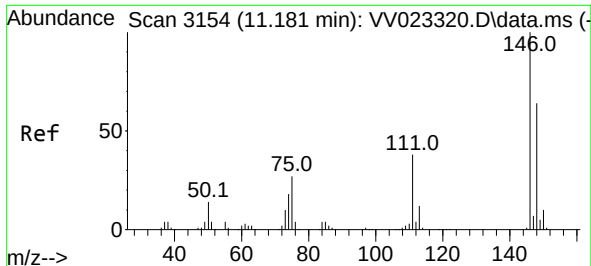
Tgt Ion:105 Resp: 185220

Ion Ratio Lower Upper

105 100

120 45.8 37.4 56.2

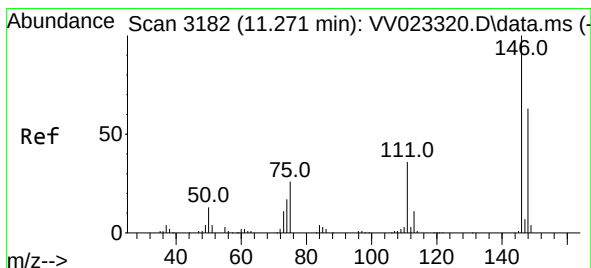
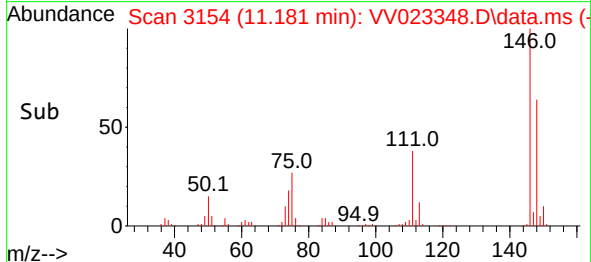
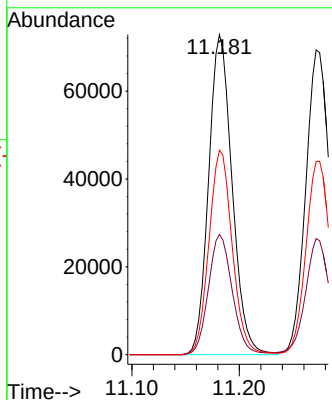
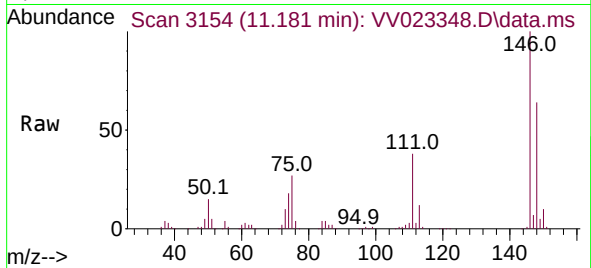




#64
1,3-Dichlorobenzene
Concen: 4.945 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV023348.D
Acq: 10 Nov 2021 21:33

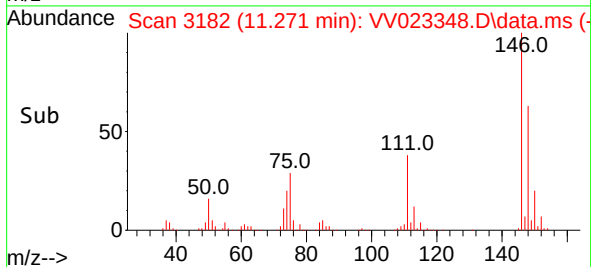
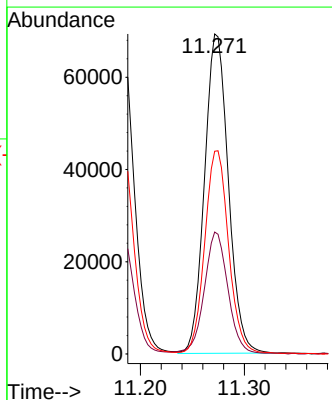
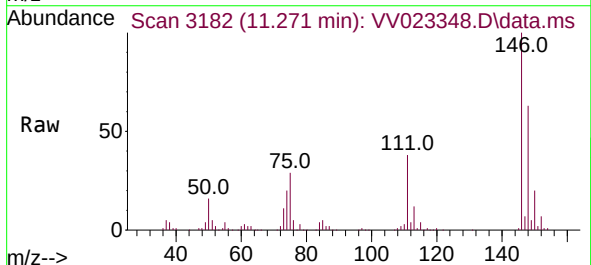
Instrument :
MSVOA_V
ClientSampleId :

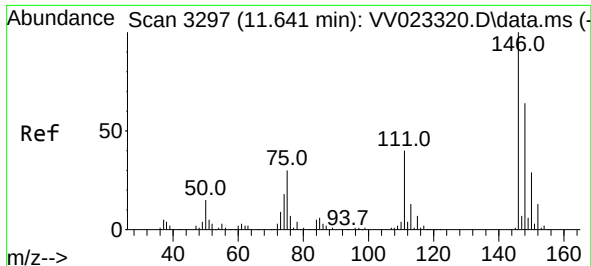
Tgt Ion:146 Resp: 110771
Ion Ratio Lower Upper
146 100
111 37.6 26.7 49.7
148 63.9 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 4.819 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV023348.D
Acq: 10 Nov 2021 21:33

Tgt Ion:146 Resp: 110230
Ion Ratio Lower Upper
146 100
111 38.1 26.2 48.8
148 63.3 44.4 82.5

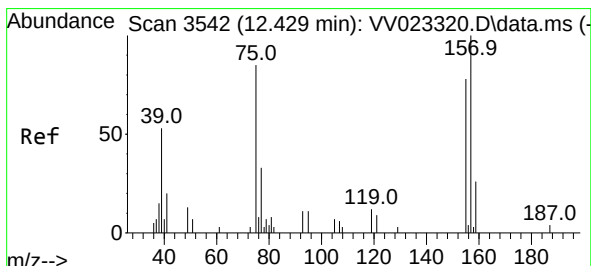
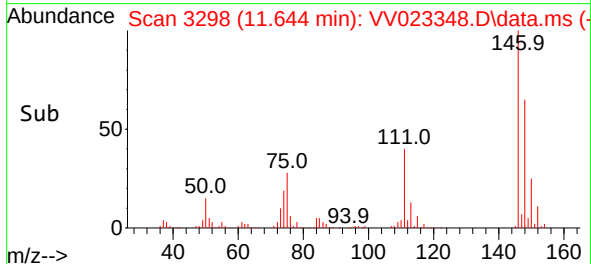
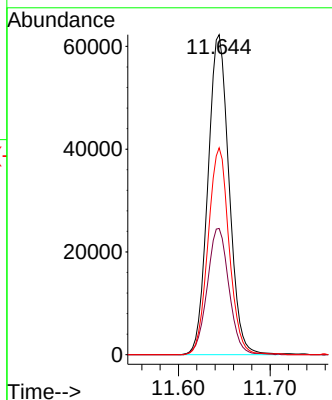
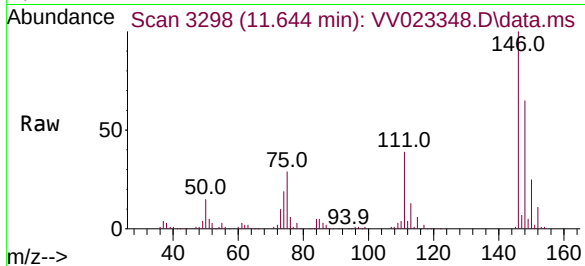




#67
 1,2-Dichlorobenzene
 Concen: 4.971 ug/L
 RT: 11.644 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV023348.D
 Acq: 10 Nov 2021 21:33

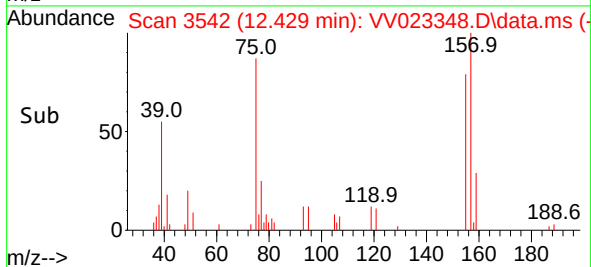
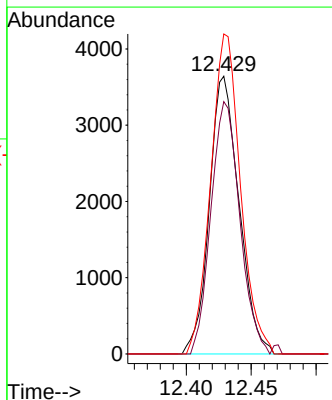
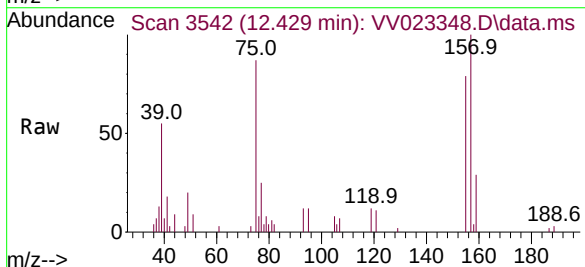
Instrument :
 MSVOA_V
 ClientSampleId :

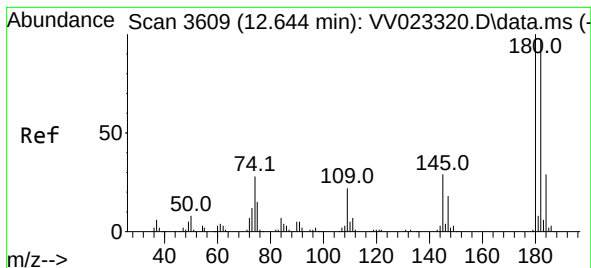
Tgt Ion:146 Resp: 99641
 Ion Ratio Lower Upper
 146 100
 111 39.4 31.6 47.4
 148 64.6 51.0 76.6



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.345 ug/L
 RT: 12.429 min Scan# 3542
 Delta R.T. -0.000 min
 Lab File: VV023348.D
 Acq: 10 Nov 2021 21:33

Tgt Ion: 75 Resp: 5779
 Ion Ratio Lower Upper
 75 100
 155 90.9 67.7 101.5
 157 115.2 87.9 131.9





#69

1,3,5-Trichlorobenzene

Concen: 4.825 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

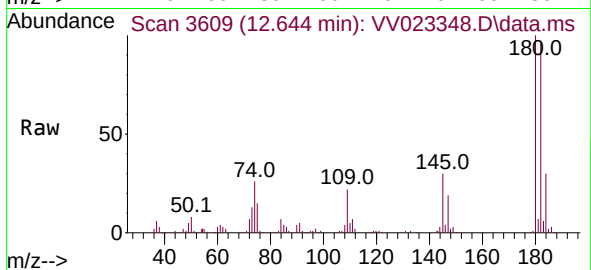
Lab File: VV023348.D

Acq: 10 Nov 2021 21:33

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 84622

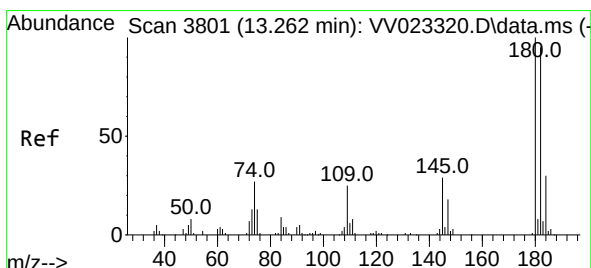
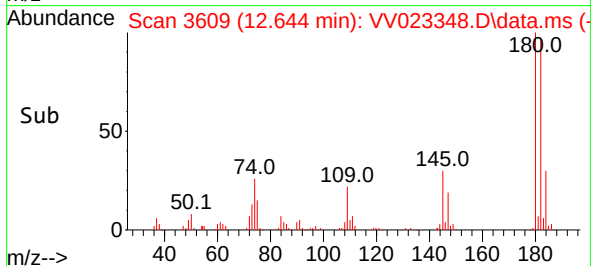
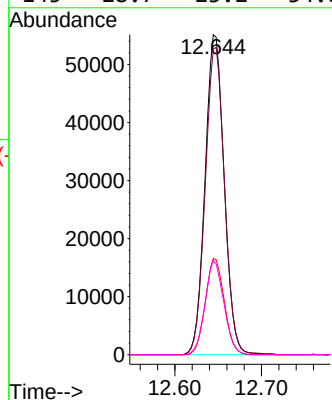
Ion Ratio Lower Upper

180 100

182 96.5 74.9 112.3

184 29.7 23.8 35.8

145 28.7 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 4.835 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. -0.000 min

Lab File: VV023348.D

Acq: 10 Nov 2021 21:33

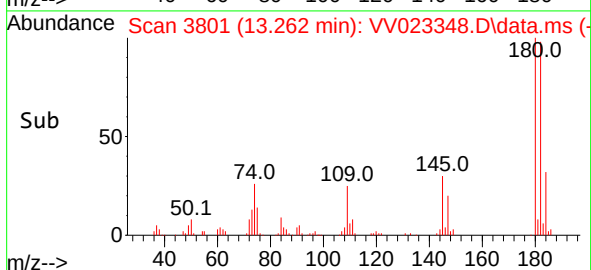
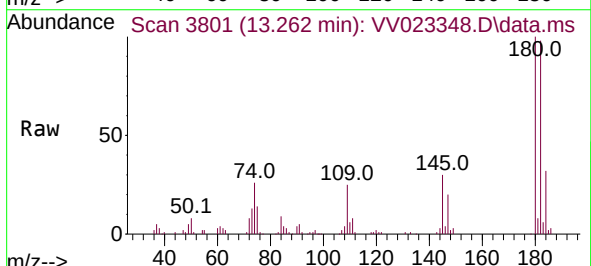
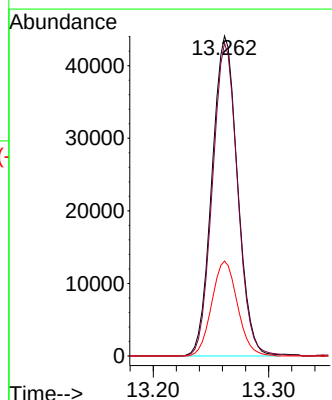
Tgt Ion:180 Resp: 67900

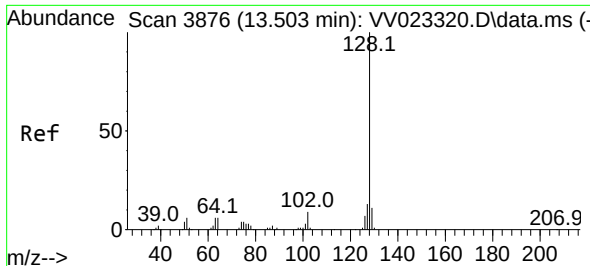
Ion Ratio Lower Upper

180 100

182 95.9 76.9 115.3

145 29.7 24.4 36.6

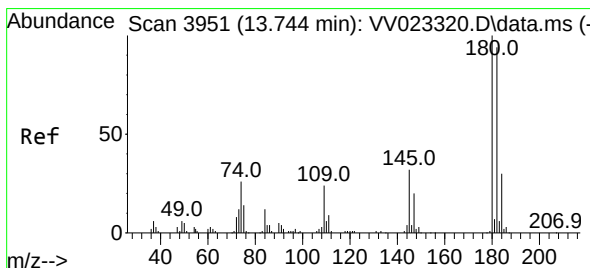
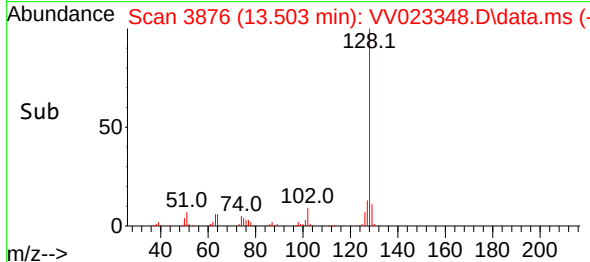
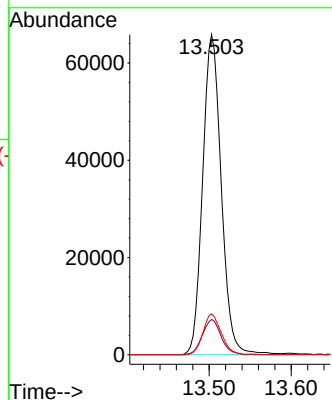
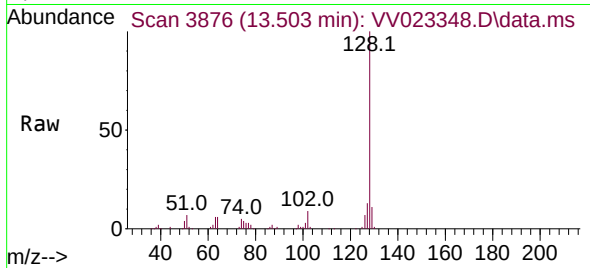




#71
Naphthalene
Concen: 5.004 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV023348.D
Acq: 10 Nov 2021 21:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 103627
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.4 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 5.004 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV023348.D
Acq: 10 Nov 2021 21:33

Tgt Ion:180 Resp: 61492
Ion Ratio Lower Upper
180 100
182 97.1 76.7 115.1
145 31.6 25.7 38.5

