

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121921\
 Data File : VW024090.D
 Acq On : 19 Dec 2021 15:52
 Operator : SY/MD
 Sample : M5134-04MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 20 01:37:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 20 01:35:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	101009	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	104286	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63648	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	19207	3.537	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	70.800%	
7) Chloroethane-d5	1.568	69	17872	3.945	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.800%	
11) 1,1-Dichloroethene-d2	2.111	63	49866	4.705	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.000%	
20) 2-Butanone-d5	3.912	46	40328	38.013	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	76.020%	
24) Chloroform-d	4.349	84	51942	4.223	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.400%	
26) 1,2-Dichloroethane-d4	5.034	65	24922	4.352	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.000%	
32) Benzene-d6	5.050	84	91763	4.443	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.800%	
36) 1,2-Dichloropropane-d6	6.069	67	26803	4.301	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	86.000%	
41) Toluene-d8	7.316	98	91607	4.926	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.600%	
43) trans-1,3-Dichloroprop...	7.625	79	10949	4.235	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.800%	
46) 2-Hexanone-d5	8.091	63	42923	37.088	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	74.180%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	20202	3.908	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	78.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	37661	4.430	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.600%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	40625	4.621	ug/L	100
3) Chloromethane	1.240	50	35726	4.756	ug/L	99
5) Vinyl chloride	1.310	62	40013	4.911	ug/L	98
6) Bromomethane	1.523	94	26266	5.073	ug/L	100
8) Chloroethane	1.584	64	26456	4.990	ug/L	97
9) Trichlorofluoromethane	1.754	101	73464	5.189	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	38456	5.157	ug/L	99
12) 1,1-Dichloroethene	2.117	96	35045	5.171	ug/L	94
13) Acetone	2.201	43	55280	65.131	ug/L	78
14) Carbon disulfide	2.294	76	86652	4.408	ug/L	97
15) Methyl Acetate	2.442	43	10623	5.164	ug/L	96
16) Methylene chloride	2.506	84	38424	4.334	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	80708	5.266	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	38575	5.142	ug/L	98
19) 1,1-Dichloroethane	3.191	63	69831	5.187	ug/L	97
21) 2-Butanone	3.992	43	67573	55.721	ug/L	92
22) cis-1,2-Dichloroethene	3.915	96	40794	5.137	ug/L	98
23) Bromochloromethane	4.249	128	19000	5.265	ug/L	93
25) Chloroform	4.375	83	79057	5.282	ug/L	97

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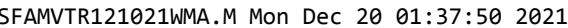
Instrument :
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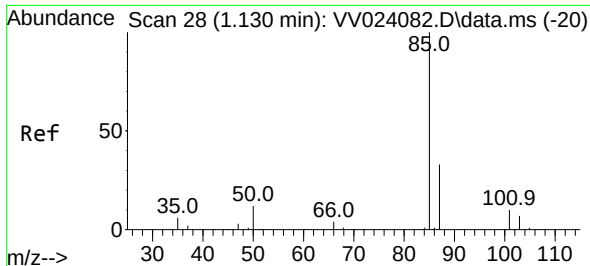
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	42938	5.295	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	73503	5.387	ug/L	99
30) Cyclohexane	4.677	56	56172	5.191	ug/L	97
31) Carbon tetrachloride	4.828	117	94447	7.364	ug/L	99
33) Benzene	5.098	78	153567	5.205	ug/L	100
34) Trichloroethene	5.915	95	40154	4.825	ug/L	97
35) Methylcyclohexane	6.130	83	57149	4.666	ug/L	99
37) 1,2-Dichloropropane	6.172	63	34702	4.949	ug/L	98
38) Bromodichloromethane	6.509	83	50953	5.130	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	51873	4.983	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	193883	57.560	ug/L	99
42) Toluene	7.387	91	173327	5.220	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	44627	4.960	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	28023	5.402	ug/L	96
47) Tetrachloroethene	7.976	164	36045	4.920	ug/L	95
48) 2-Hexanone	8.140	43	142255	58.245	ug/L	98
49) Dibromochloromethane	8.246	129	36529	5.176	ug/L	96
50) 1,2-Dibromoethane	8.355	107	25277	5.248	ug/L	92
51) Chlorobenzene	8.882	112	113557	5.117	ug/L	99
52) Ethylbenzene	9.011	91	181067	5.169	ug/L	99
53) m,p-xylene	9.136	106	72486	5.232	ug/L	98
54) o-xylene	9.545	106	69575	5.193	ug/L	99
55) Styrene	9.558	104	123484	5.536	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	28196	4.964	ug/L	99
59) Bromoform	9.731	173	18998	4.651	ug/L	100
60) Isopropylbenzene	9.931	105	190740	5.104	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	21588	4.979	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	155086	5.003	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	159273	5.157	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	97817	5.118	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	96916	5.049	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	91365	5.218	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4627	4.886	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	76358	4.858	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	59111	4.788	ug/L	99
71) Naphthalene	13.503	128	85574	4.822	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	53824	4.938	ug/L	98

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

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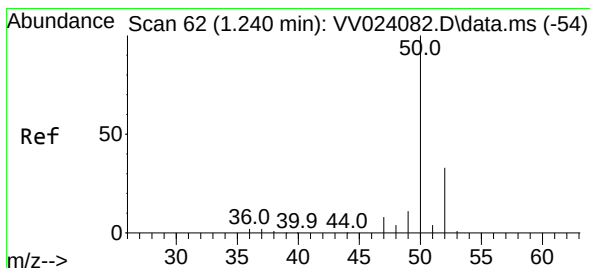
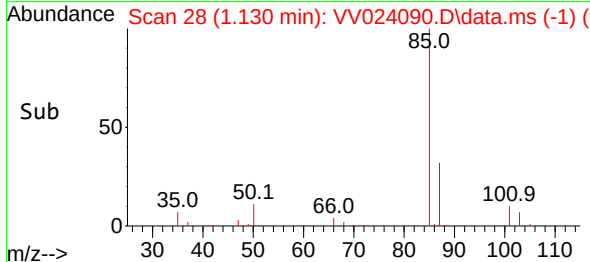
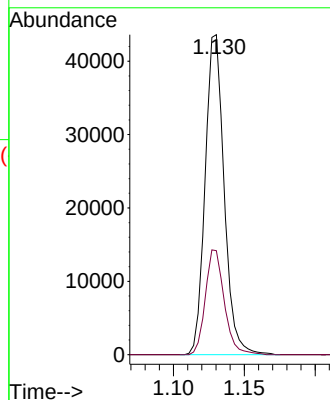
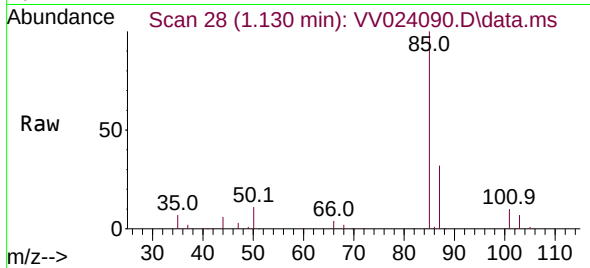




#2
 Dichlorodifluoromethane
 Concen: 4.621 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV024090.D
 Acq: 19 Dec 2021 15:52

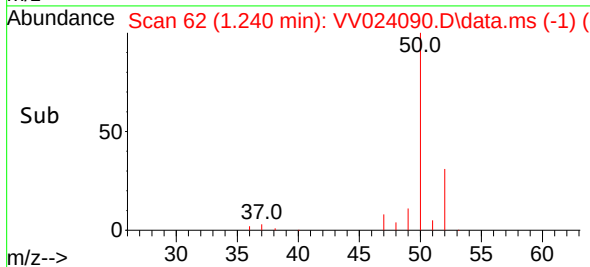
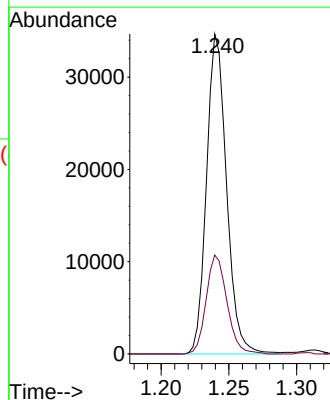
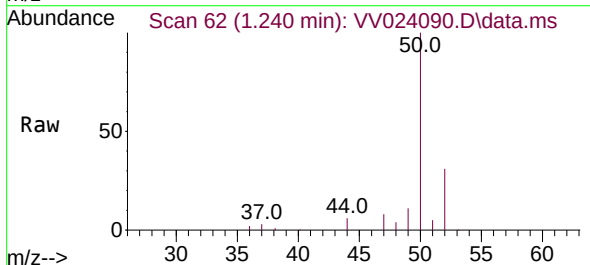
Instrument :
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 ClientSampleId :

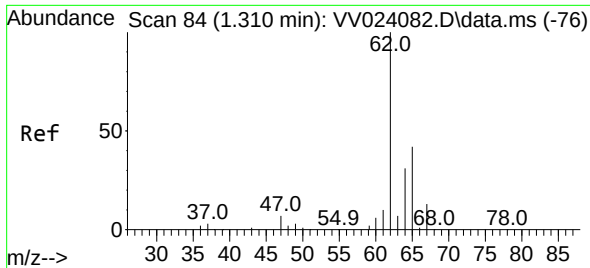
Tgt Ion: 85 Resp: 40625
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.0 39.0



#3
 Chloromethane
 Concen: 4.756 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV024090.D
 Acq: 19 Dec 2021 15:52

Tgt Ion: 50 Resp: 35726
 Ion Ratio Lower Upper
 50 100
 52 30.9 22.0 41.0

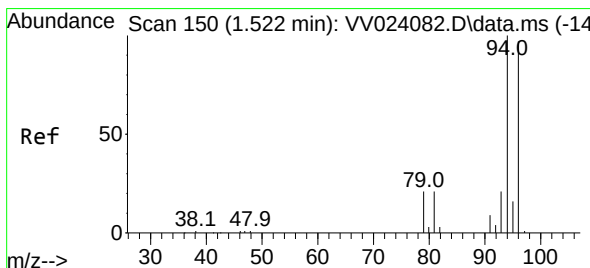
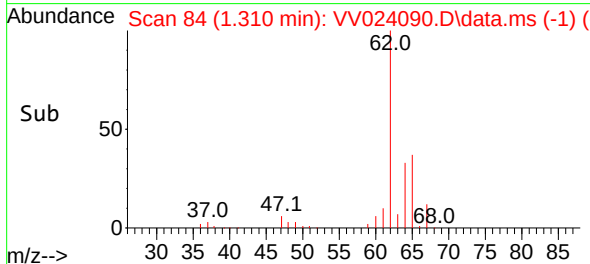
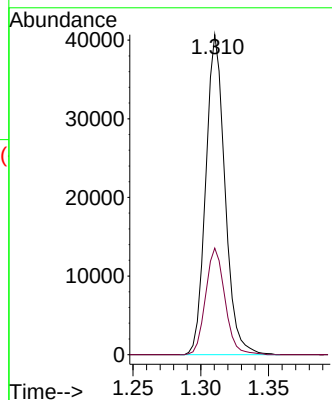
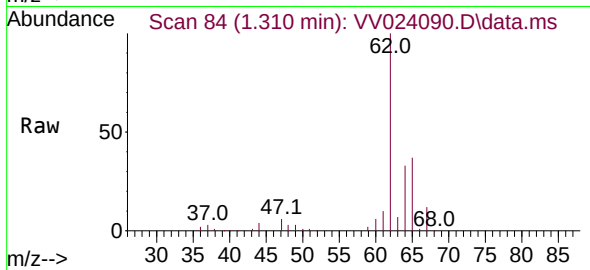




#5
 Vinyl chloride
 Concen: 4.911 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024090.D
 Acq: 19 Dec 2021 15:52

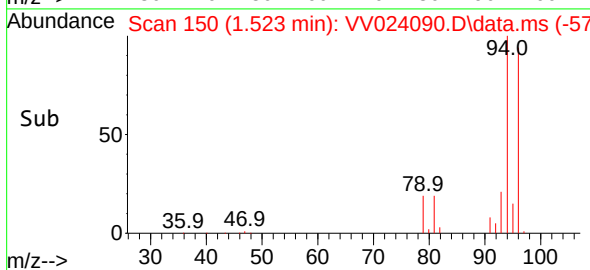
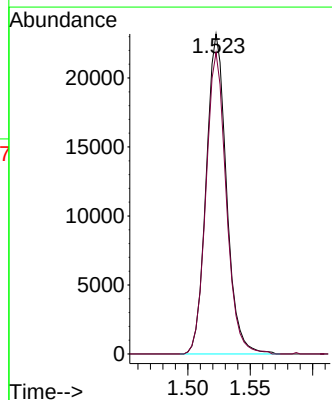
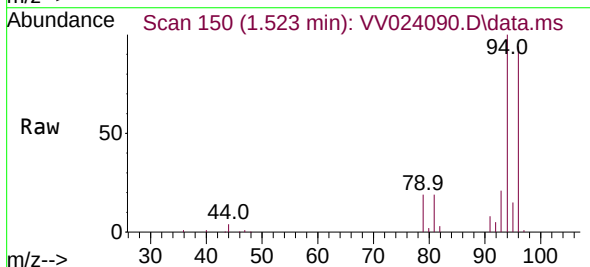
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 ClientSampleId :

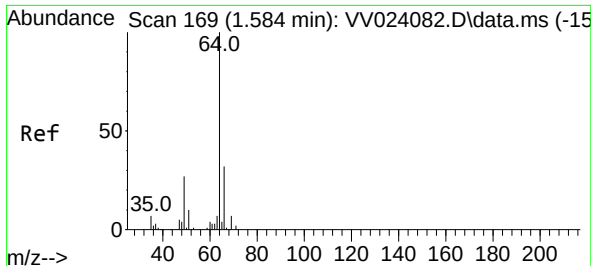
Tgt Ion: 62 Resp: 40013
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.4 41.6



#6
 Bromomethane
 Concen: 5.073 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV024090.D
 Acq: 19 Dec 2021 15:52

Tgt Ion: 94 Resp: 26266
 Ion Ratio Lower Upper
 94 100
 96 94.1 66.2 123.0

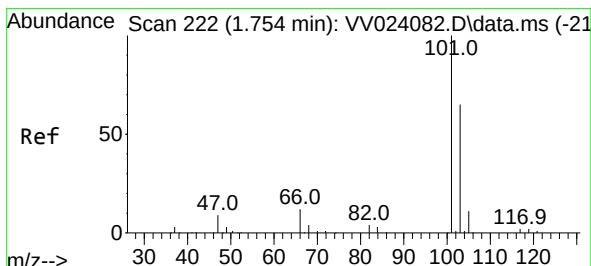
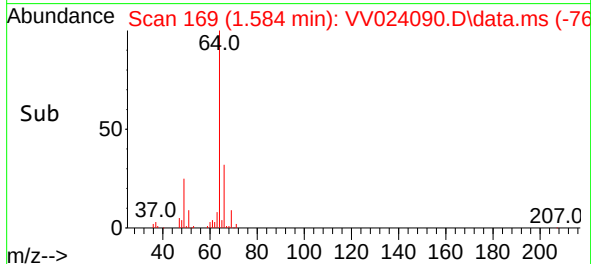
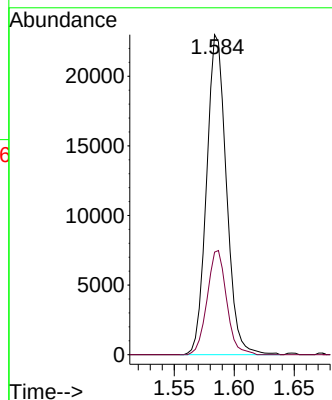
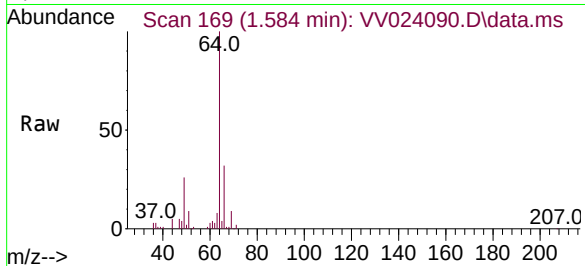




#8
Chloroethane
Concen: 4.990 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV024090.D
Acq: 19 Dec 2021 15:52

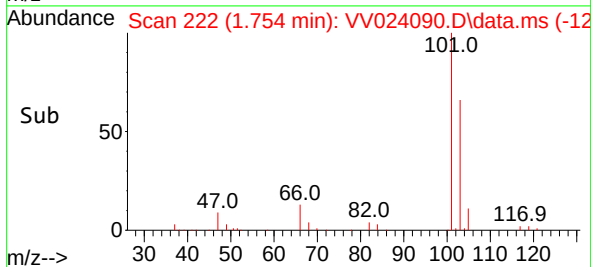
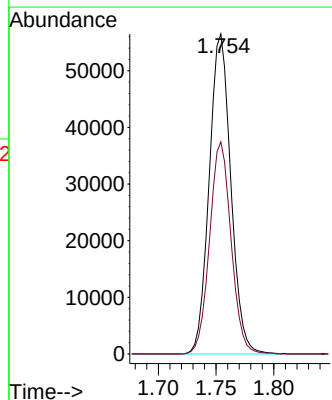
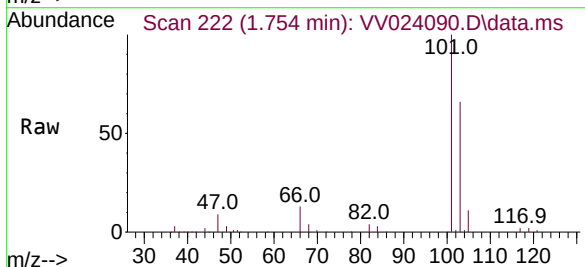
Instrument :
MSVOA_V
ClientSampleId :

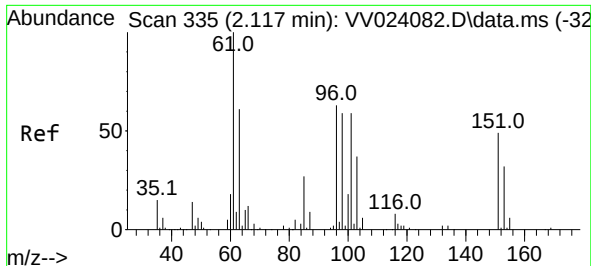
Tgt Ion: 64 Resp: 26456
Ion Ratio Lower Upper
64 100
66 32.0 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.189 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024090.D
Acq: 19 Dec 2021 15:52

Tgt Ion:101 Resp: 73464
Ion Ratio Lower Upper
101 100
103 65.9 51.6 77.4

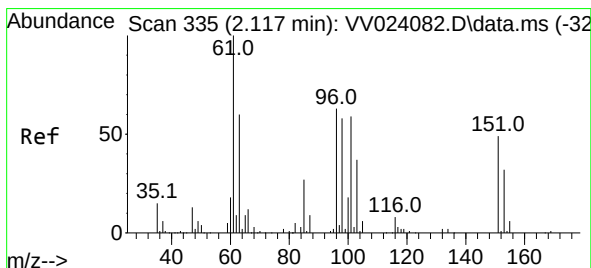
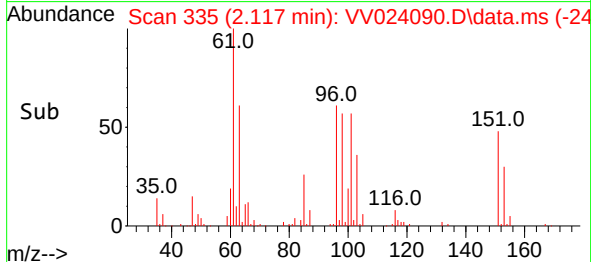
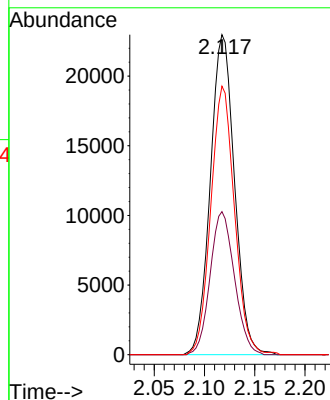
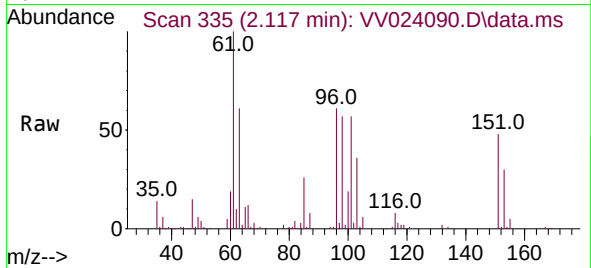




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.157 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV024090.D
 Acq: 19 Dec 2021 15:52

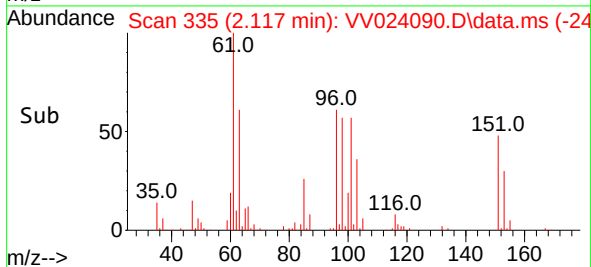
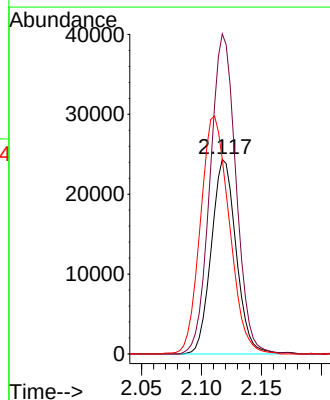
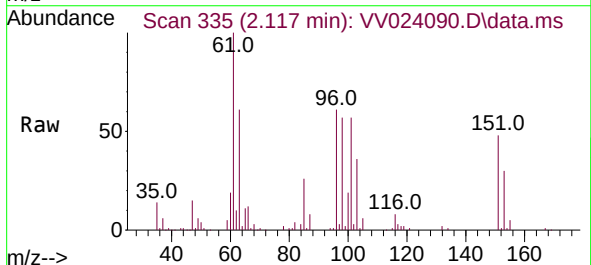
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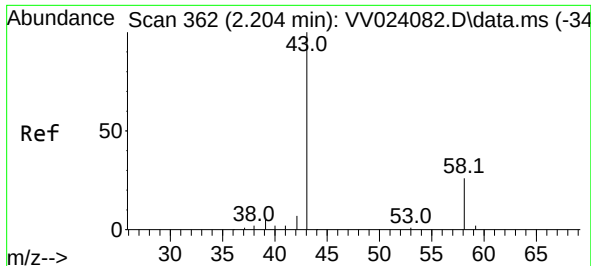
Tgt Ion:101 Resp: 38456
 Ion Ratio Lower Upper
 101 100
 85 44.8 36.0 54.0
 151 82.2 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 5.171 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV024090.D
 Acq: 19 Dec 2021 15:52

Tgt Ion: 96 Resp: 35045
 Ion Ratio Lower Upper
 96 100
 61 164.4 116.1 215.5
 63 100.1 79.4 147.4





#13

Acetone

Concen: 65.131 ug/L

RT: 2.201 min Scan# 3

Delta R.T. -0.003 min

Lab File: VV024090.D

Acq: 19 Dec 2021 15:52

Instrument :

MSVOA_V

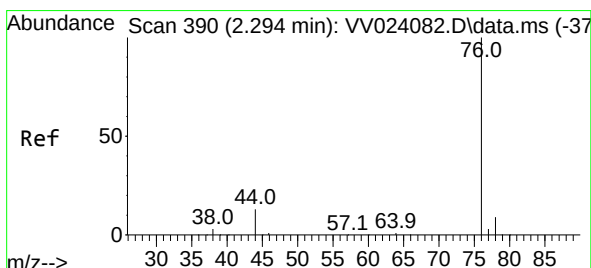
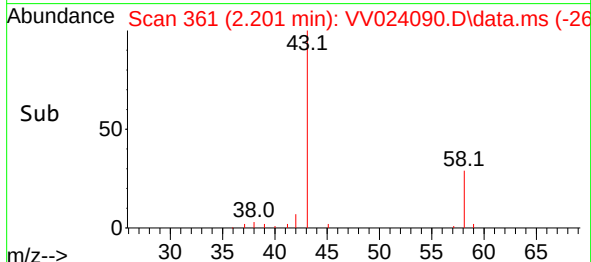
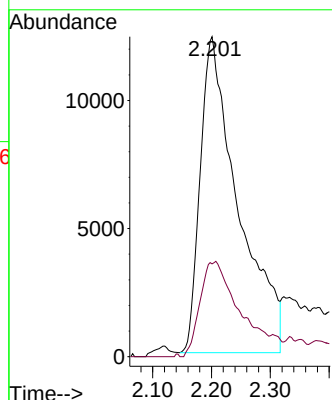
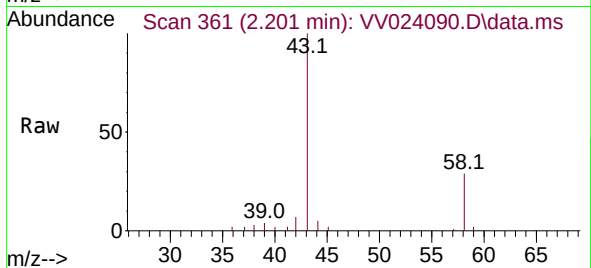
ClientSampleId :

Tgt Ion: 43 Resp: 55280

Ion Ratio Lower Upper

43 100

58 30.7 0.0 41.4



#14

Carbon disulfide

Concen: 4.408 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV024090.D

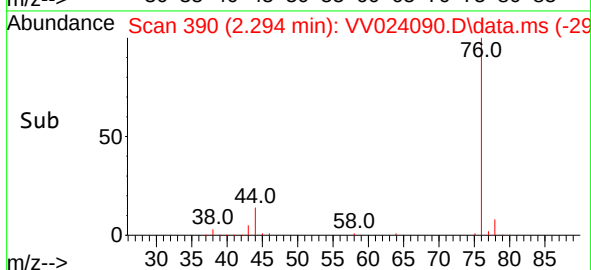
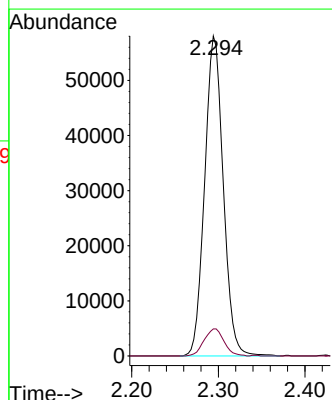
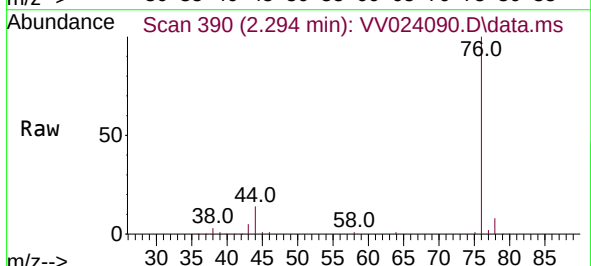
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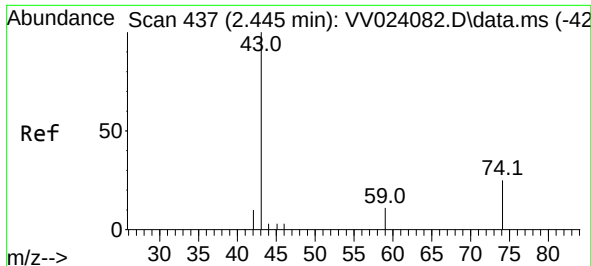
Tgt Ion: 76 Resp: 86652

Ion Ratio Lower Upper

76 100

78 8.5 7.5 11.3

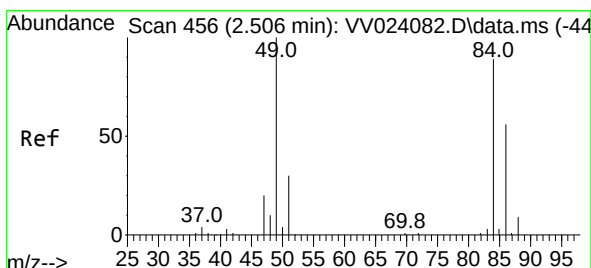
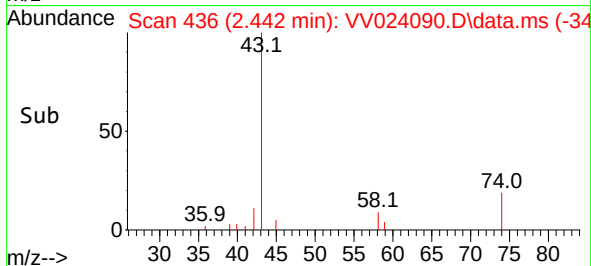
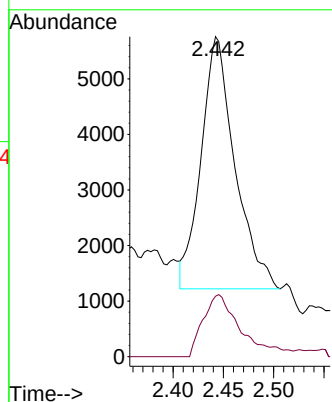
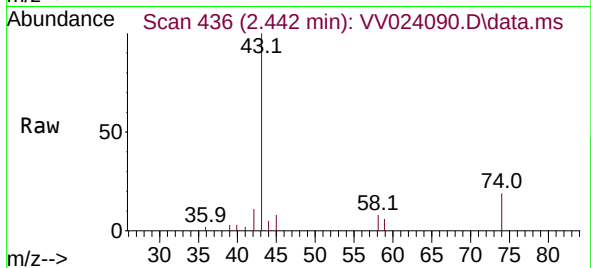




#15
Methyl Acetate
Concen: 5.164 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV024090.D
Acq: 19 Dec 2021 15:52

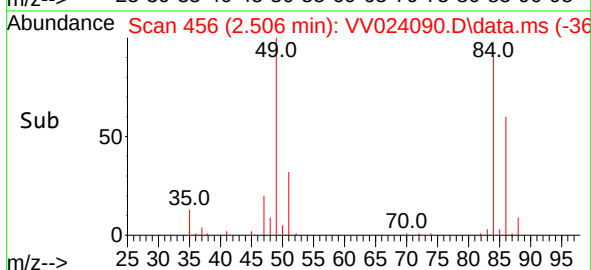
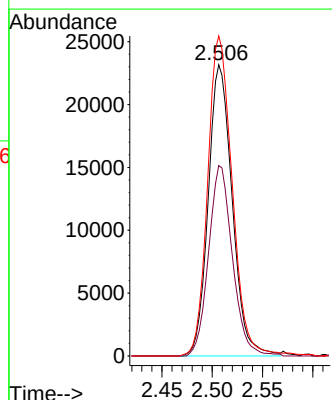
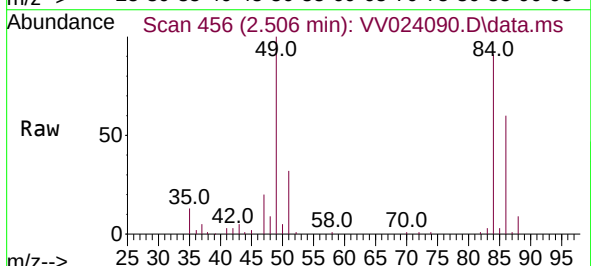
Instrument :
MSVOA_V
ClientSampleId :

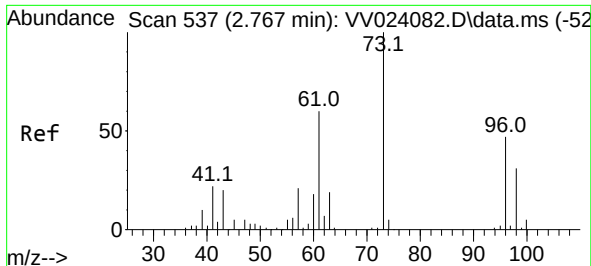
Tgt Ion: 43 Resp: 10623
Ion Ratio Lower Upper
43 100
74 27.5 20.2 30.2



#16
Methylene chloride
Concen: 4.334 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV024090.D
Acq: 19 Dec 2021 15:52

Tgt Ion: 84 Resp: 38424
Ion Ratio Lower Upper
84 100
86 65.4 42.6 79.0
49 109.9 79.7 147.9

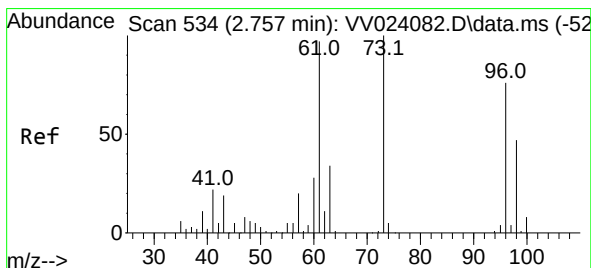
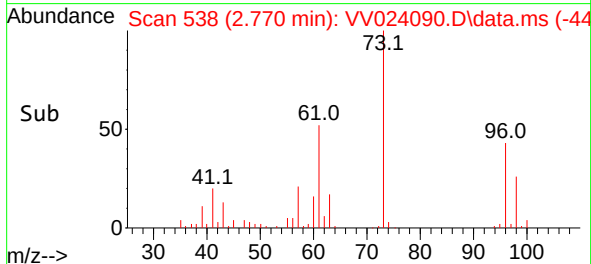
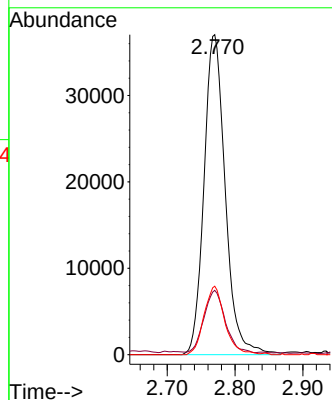
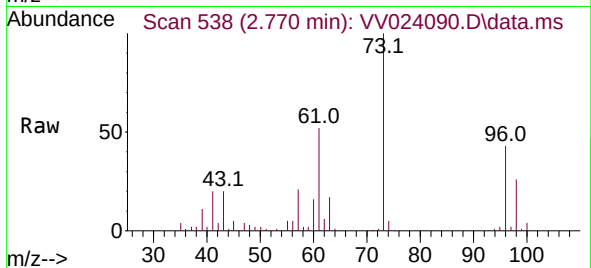




#17
Methyl tert-butyl Ether
Concen: 5.266 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024090.D
Acq: 19 Dec 2021 15:52

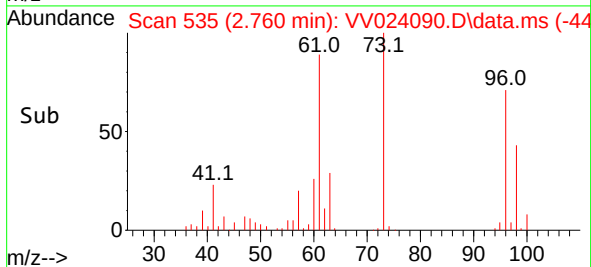
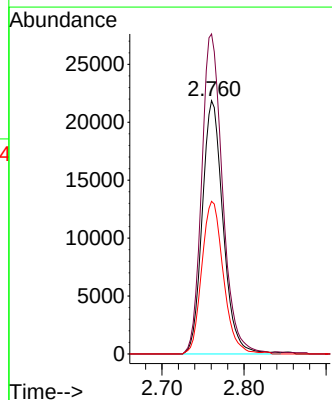
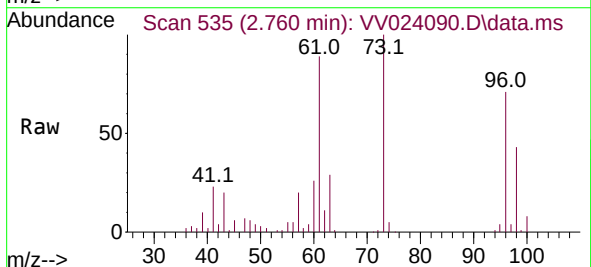
Instrument :
MSVOA_V
ClientSampleId :

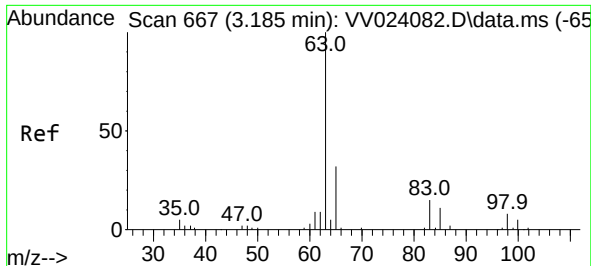
Tgt Ion: 73 Resp: 80708
Ion Ratio Lower Upper
73 100
43 19.3 15.5 23.3
57 21.0 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.142 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV024090.D
Acq: 19 Dec 2021 15:52

Tgt Ion: 96 Resp: 38575
Ion Ratio Lower Upper
96 100
61 126.3 88.2 163.8
98 60.2 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.187 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV024090.D

Acq: 19 Dec 2021 15:52

Instrument :

MSVOA_V

ClientSampleId :

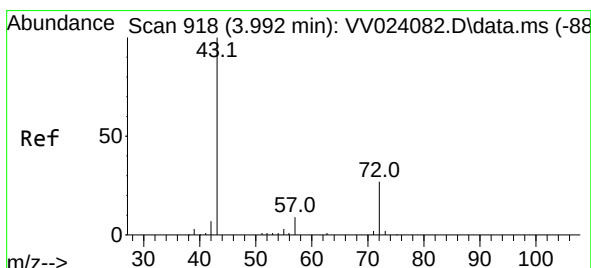
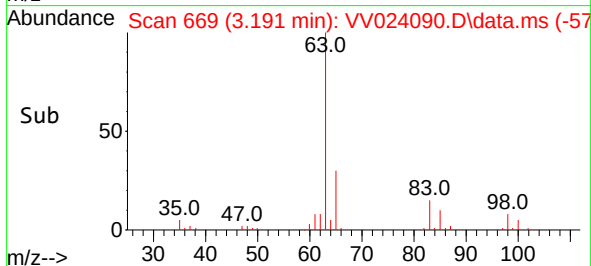
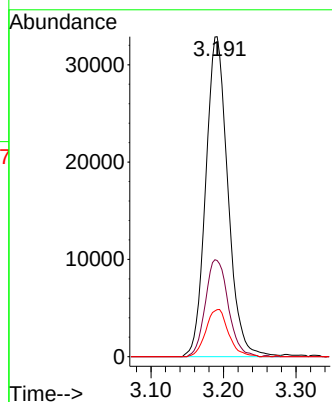
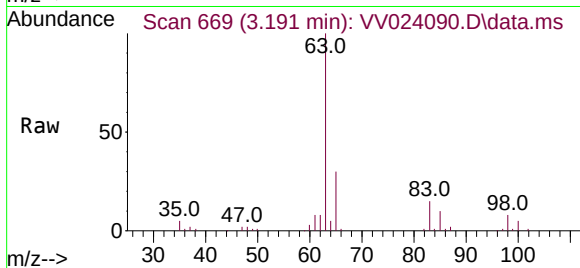
Tgt Ion: 63 Resp: 69831

Ion Ratio Lower Upper

63 100

65 30.1 22.3 41.3

83 14.7 10.7 19.9



#21

2-Butanone

Concen: 55.721 ug/L

RT: 3.992 min Scan# 918

Delta R.T. 0.000 min

Lab File: VV024090.D

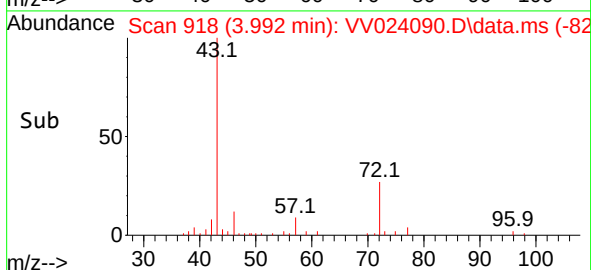
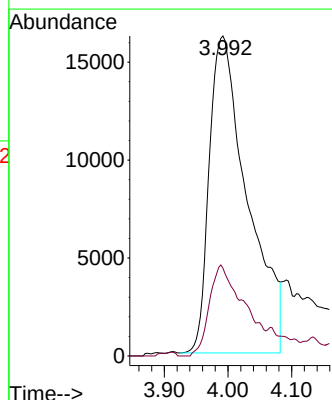
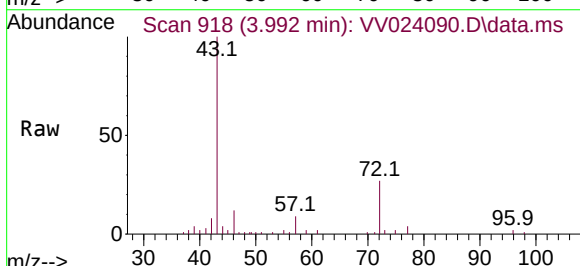
Acq: 19 Dec 2021 15:52

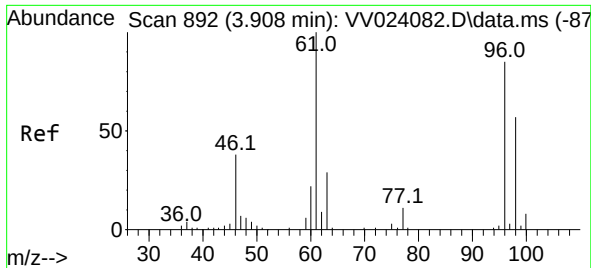
Tgt Ion: 43 Resp: 67573

Ion Ratio Lower Upper

43 100

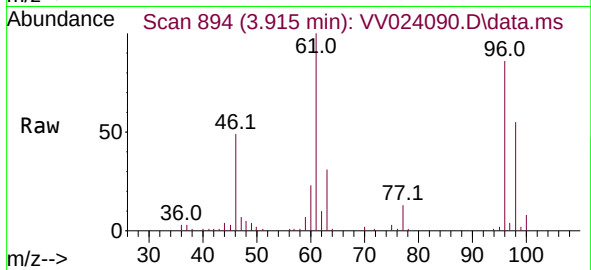
72 26.1 11.1 33.1





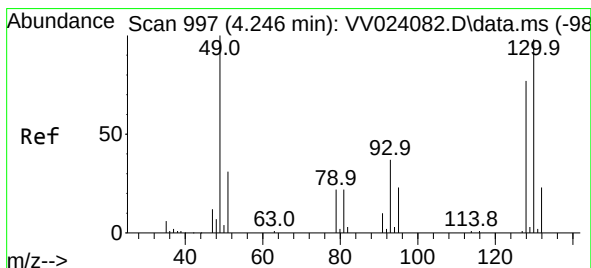
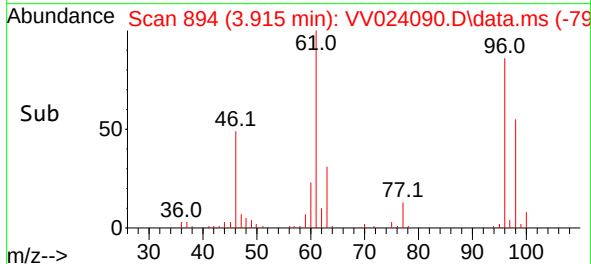
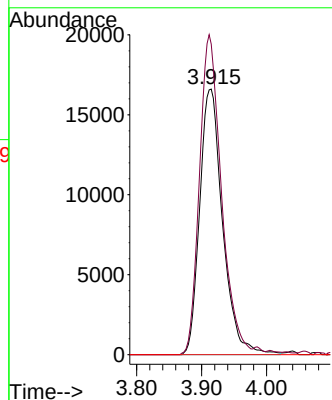
#22
 cis-1,2-Dichloroethene
 Concen: 5.137 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.006 min
 Lab File: VV024090.D
 Acq: 19 Dec 2021 15:52

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 40794

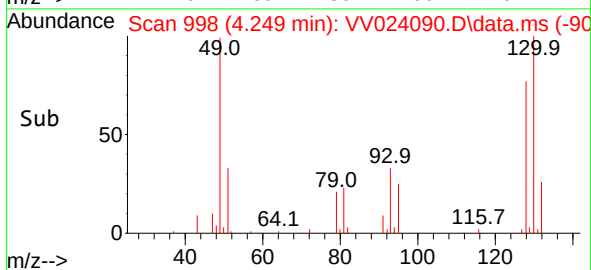
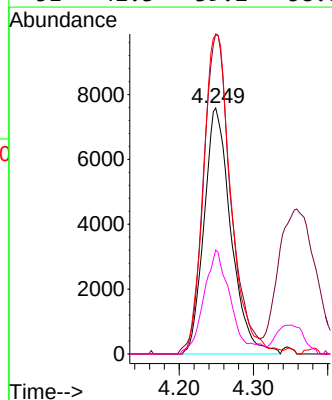
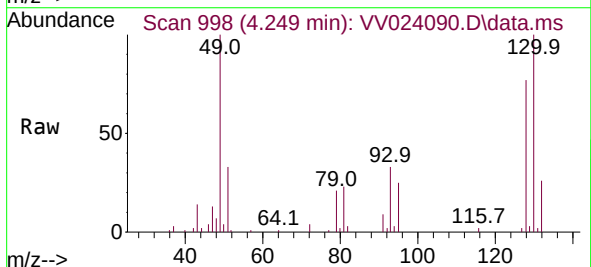
Ion	Ratio	Lower	Upper
96	100		
61	116.9	83.4	154.8
68	0.0	0.0	0.0

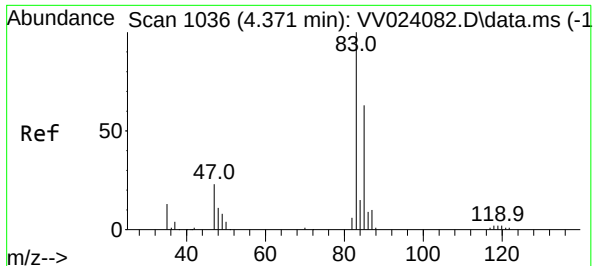


#23
 Bromochloromethane
 Concen: 5.265 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.003 min
 Lab File: VV024090.D
 Acq: 19 Dec 2021 15:52

Tgt Ion: 128 Resp: 19000

Ion	Ratio	Lower	Upper
128	100		
49	130.1	100.2	186.2
130	129.8	92.5	171.7
51	42.3	39.2	58.8





#25

Chloroform

Concen: 5.282 ug/L

RT: 4.375 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV024090.D

Acq: 19 Dec 2021 15:52

Instrument :

MSVOA_V

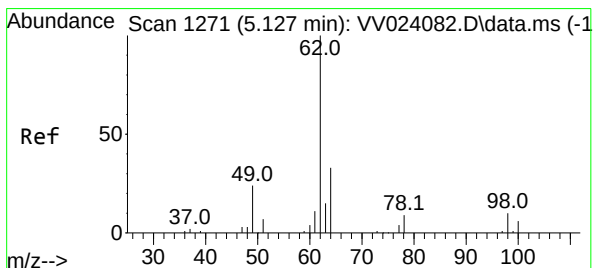
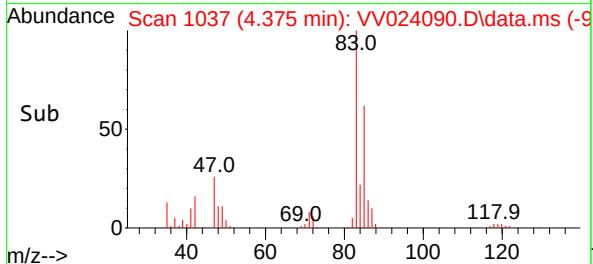
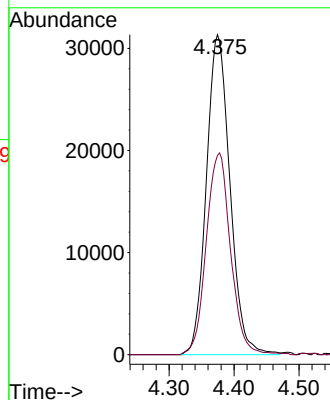
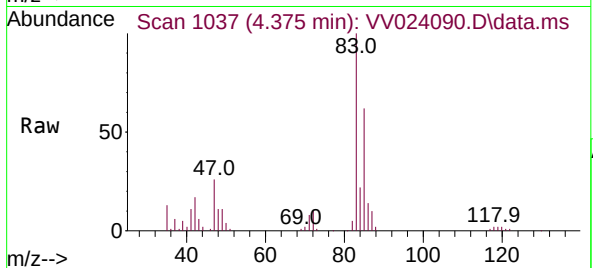
ClientSampleId :

Tgt Ion: 83 Resp: 79057

Ion Ratio Lower Upper

83 100

85 62.3 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.295 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV024090.D

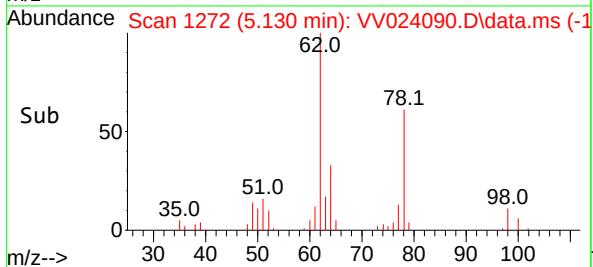
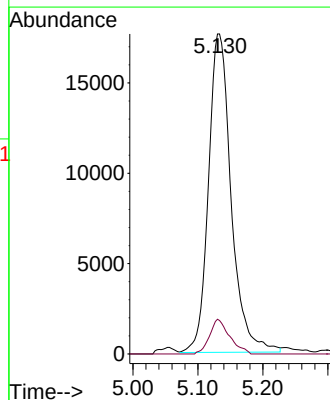
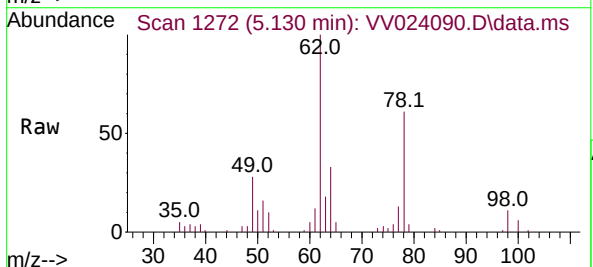
Acq: 19 Dec 2021 15:52

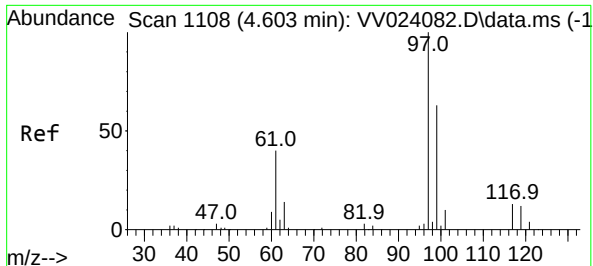
Tgt Ion: 62 Resp: 42938

Ion Ratio Lower Upper

62 100

98 10.8 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.387 ug/L

RT: 4.609 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VV024090.D

Acq: 19 Dec 2021 15:52

Instrument :

MSVOA_V

ClientSampleId :

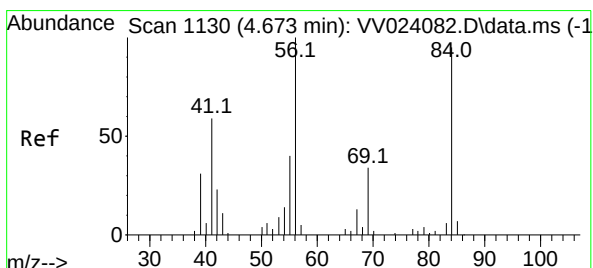
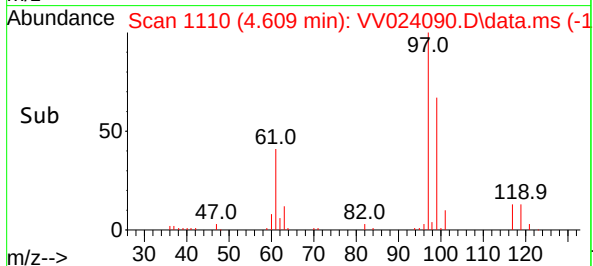
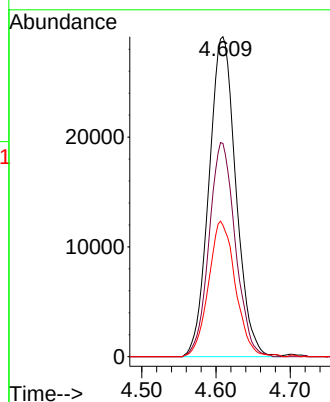
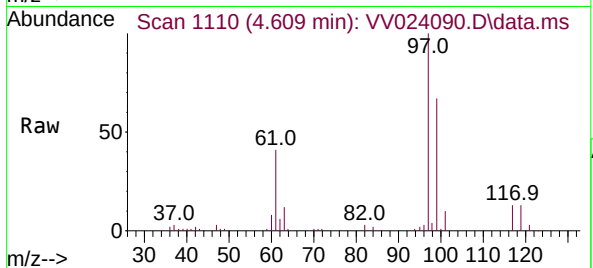
Tgt Ion: 97 Resp: 73503

Ion Ratio Lower Upper

97 100

99 65.2 51.9 77.9

61 42.1 33.2 49.8



#30

Cyclohexane

Concen: 5.191 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV024090.D

Acq: 19 Dec 2021 15:52

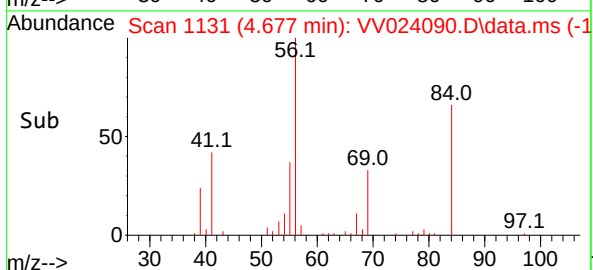
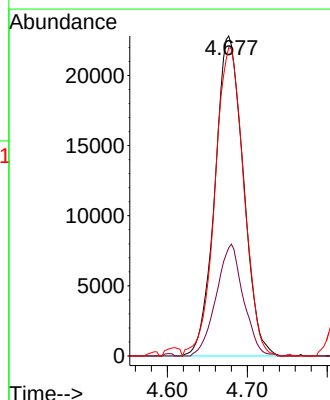
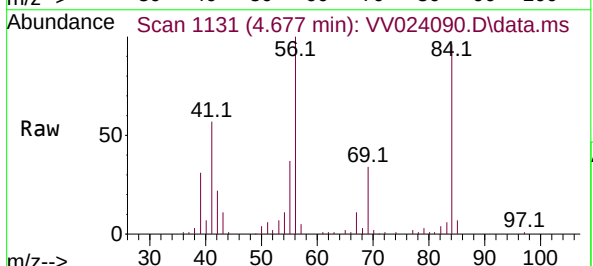
Tgt Ion: 56 Resp: 56172

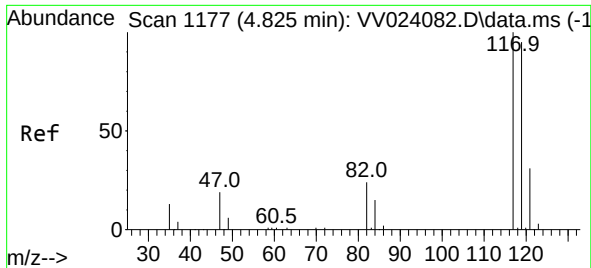
Ion Ratio Lower Upper

56 100

69 33.4 24.8 37.2

84 97.8 75.9 113.9

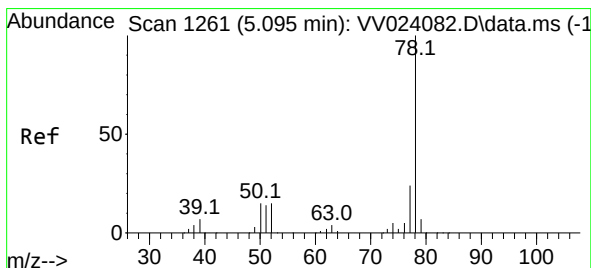
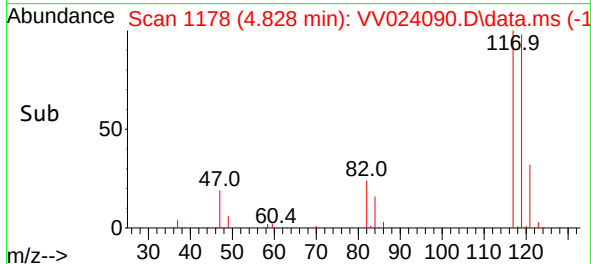
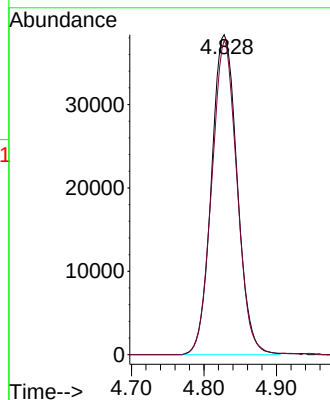
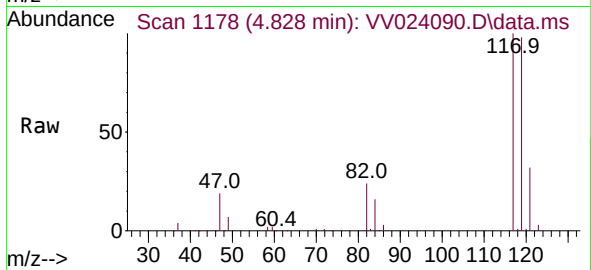




#31
Carbon tetrachloride
Concen: 7.364 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV024090.D
Acq: 19 Dec 2021 15:52

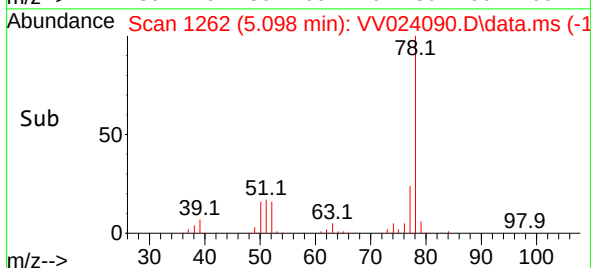
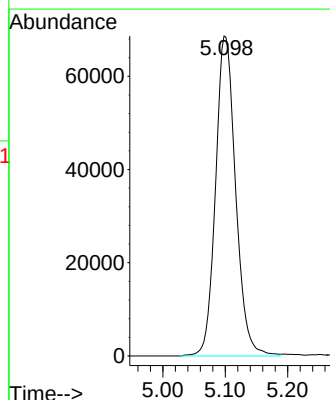
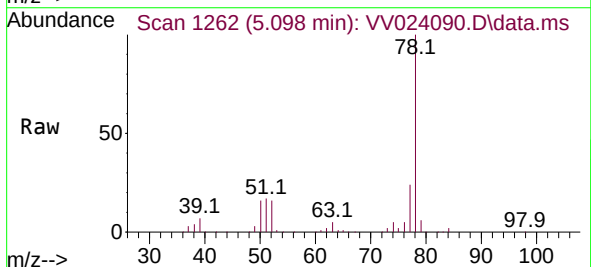
Instrument :
MSVOA_V
ClientSampleId :

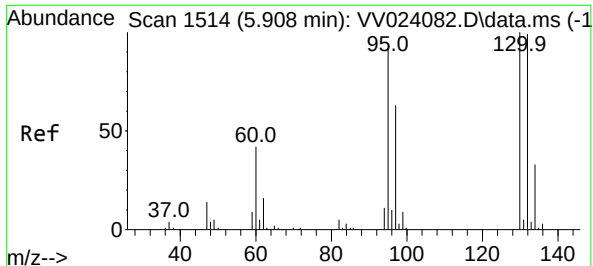
Tgt Ion:117 Resp: 94447
Ion Ratio Lower Upper
117 100
119 96.3 76.6 114.8



#33
Benzene
Concen: 5.205 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV024090.D
Acq: 19 Dec 2021 15:52

Tgt Ion: 78 Resp: 153567

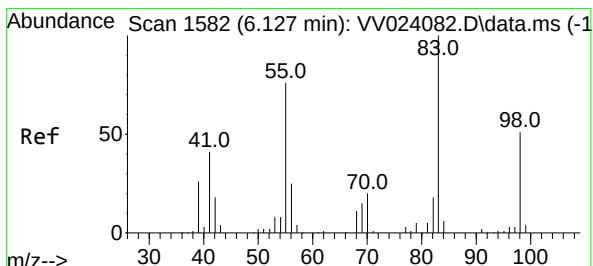
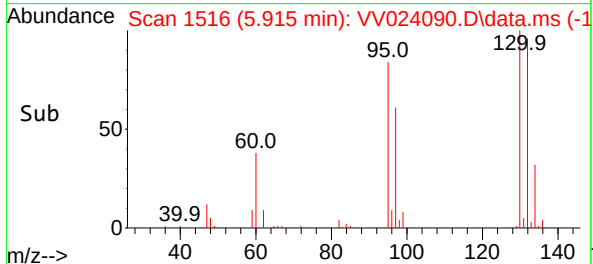
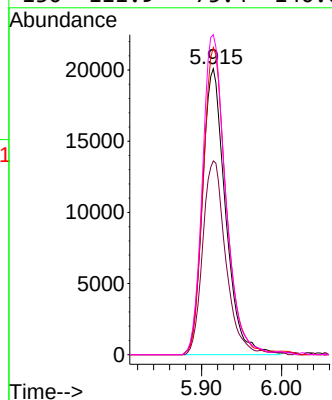
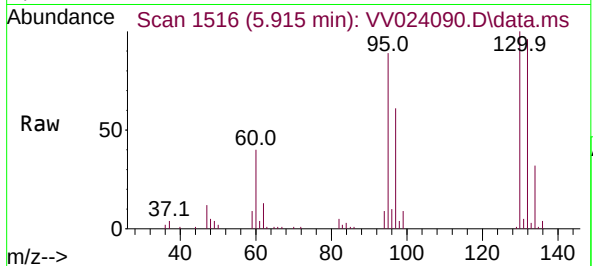




#34
Trichloroethene
Concen: 4.825 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV024090.D
Acq: 19 Dec 2021 15:52

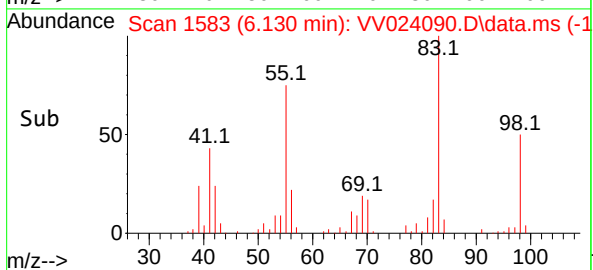
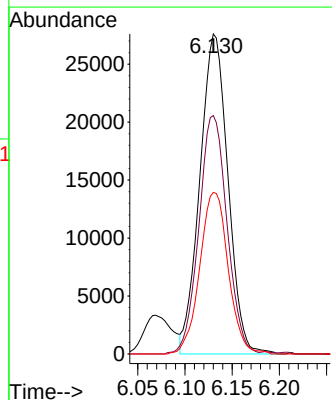
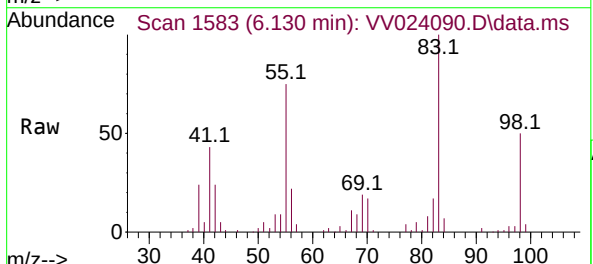
Instrument :
MSVOA_V
ClientSampleId :

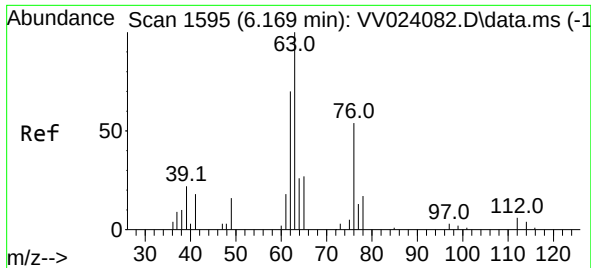
Tgt Ion: 95 Resp: 40154
Ion Ratio Lower Upper
95 100
97 67.8 45.2 84.0
132 107.4 76.1 141.3
130 111.9 75.4 140.0



#35
Methylcyclohexane
Concen: 4.666 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV024090.D
Acq: 19 Dec 2021 15:52

Tgt Ion: 83 Resp: 57149
Ion Ratio Lower Upper
83 100
55 74.5 60.2 90.2
98 51.1 41.0 61.4

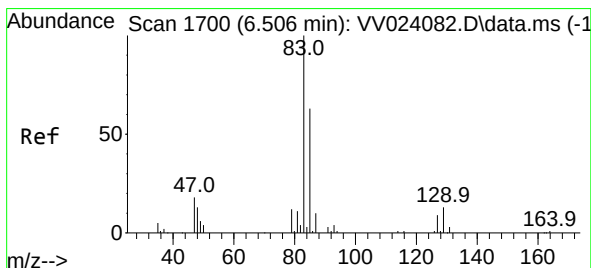
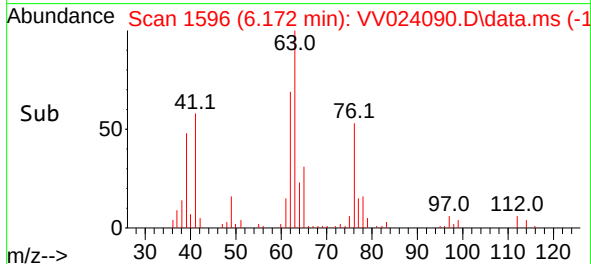
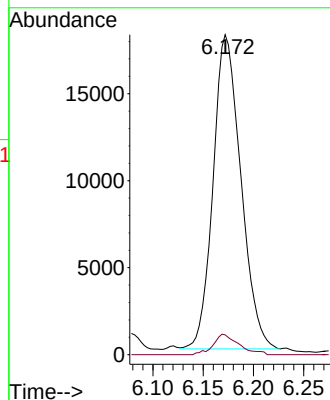
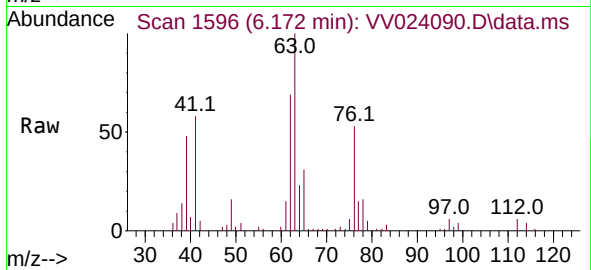




#37
1,2-Dichloropropane
Concen: 4.949 ug/L
RT: 6.172 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV024090.D
Acq: 19 Dec 2021 15:52

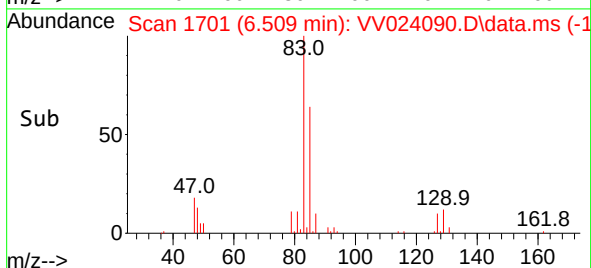
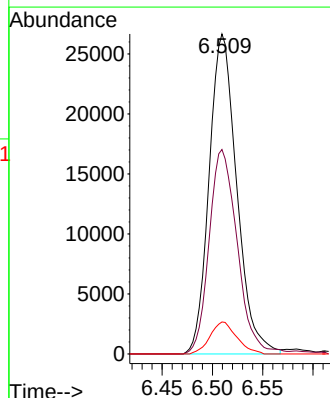
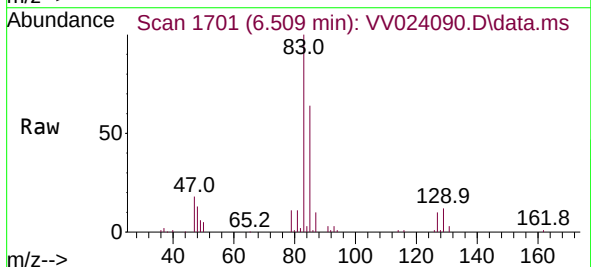
Instrument :
MSVOA_V
ClientSampleId :

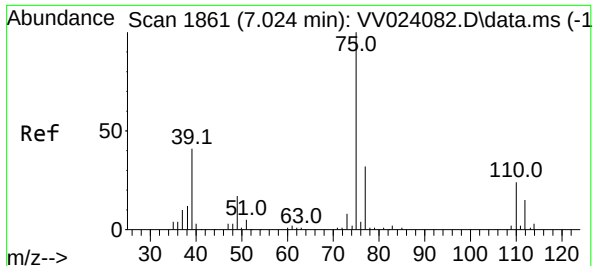
Tgt Ion: 63 Resp: 34702
Ion Ratio Lower Upper
63 100
112 6.0 4.3 6.5



#38
Bromodichloromethane
Concen: 5.130 ug/L
RT: 6.509 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VV024090.D
Acq: 19 Dec 2021 15:52

Tgt Ion: 83 Resp: 50953
Ion Ratio Lower Upper
83 100
85 63.9 44.0 81.8
127 10.0 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 4.983 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV024090.D

Acq: 19 Dec 2021 15:52

Instrument :

MSVOA_V

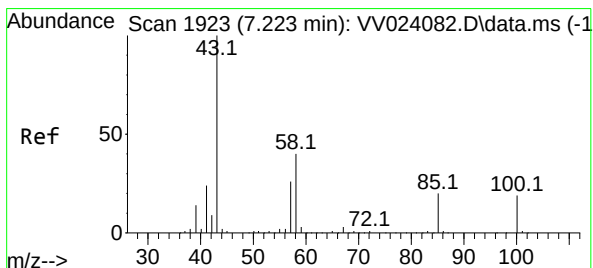
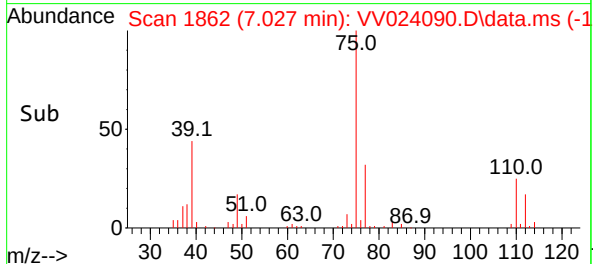
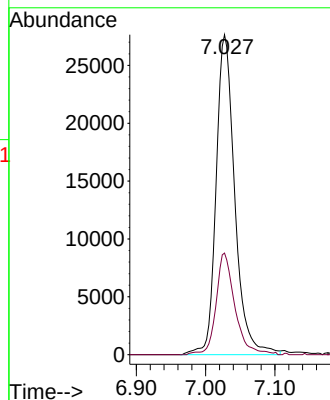
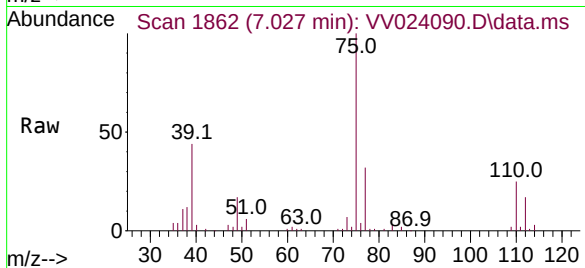
ClientSampleId :

Tgt Ion: 75 Resp: 51873

Ion Ratio Lower Upper

75 100

77 31.7 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 57.560 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV024090.D

Acq: 19 Dec 2021 15:52

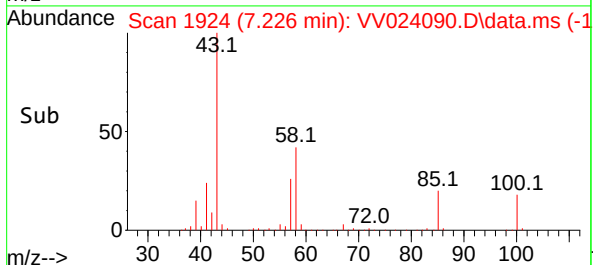
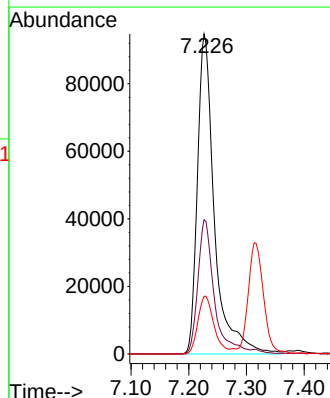
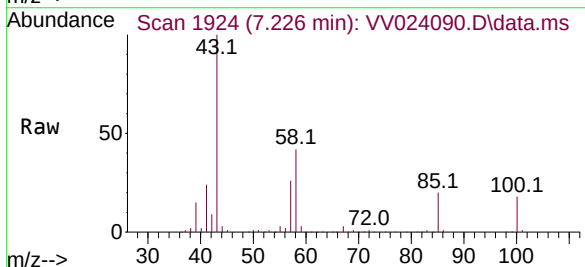
Tgt Ion: 43 Resp: 193883

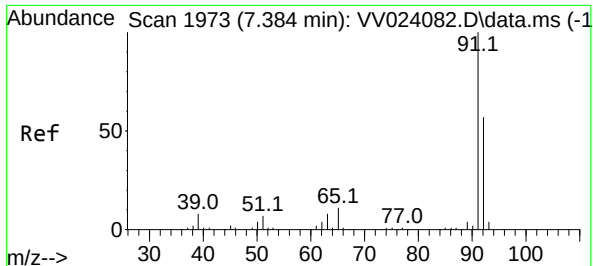
Ion Ratio Lower Upper

43 100

58 40.2 32.3 48.5

100 17.1 13.0 19.6





#42

Toluene

Concen: 5.220 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV024090.D

Acq: 19 Dec 2021 15:52

Instrument :

MSVOA_V

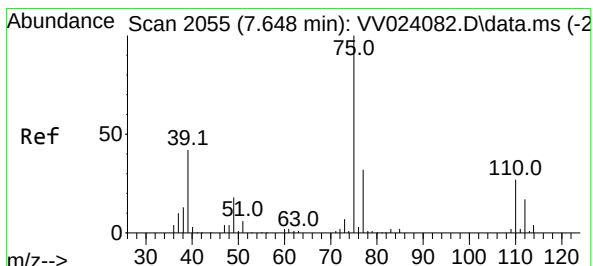
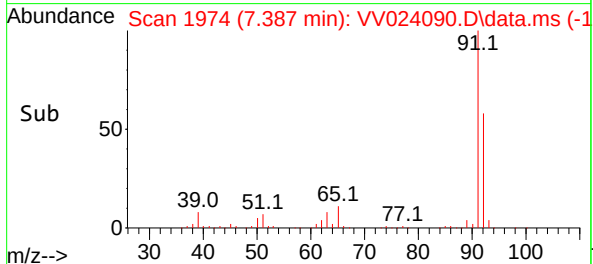
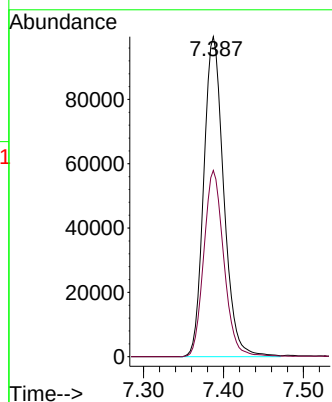
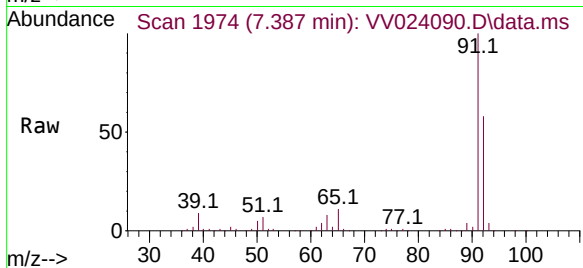
ClientSampleId :

Tgt Ion: 91 Resp: 173327

Ion Ratio Lower Upper

91 100

92 58.2 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 4.960 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV024090.D

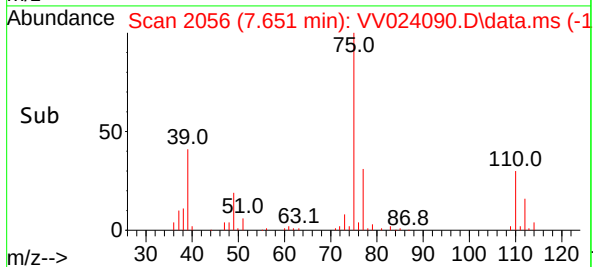
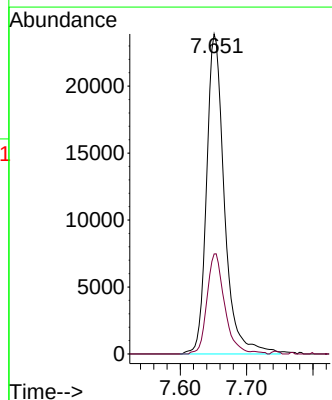
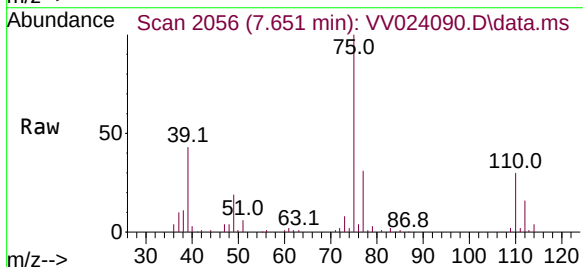
Acq: 19 Dec 2021 15:52

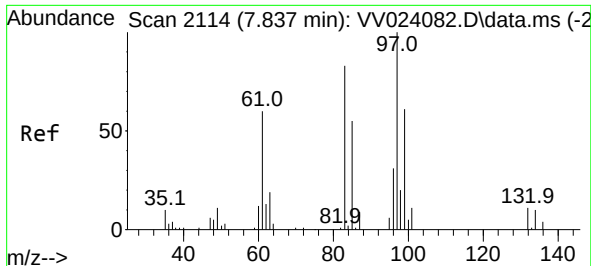
Tgt Ion: 75 Resp: 44627

Ion Ratio Lower Upper

75 100

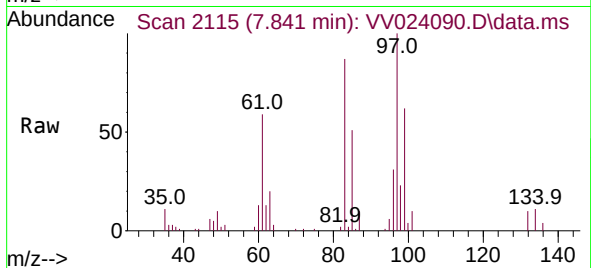
77 31.2 21.8 40.4



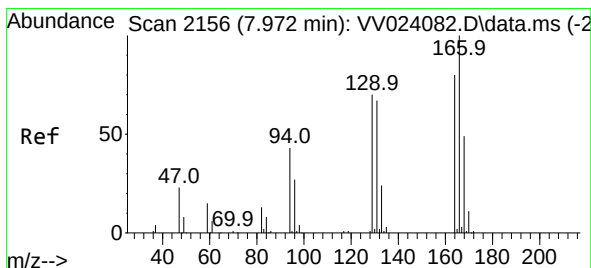
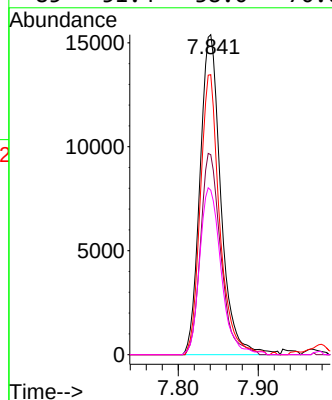
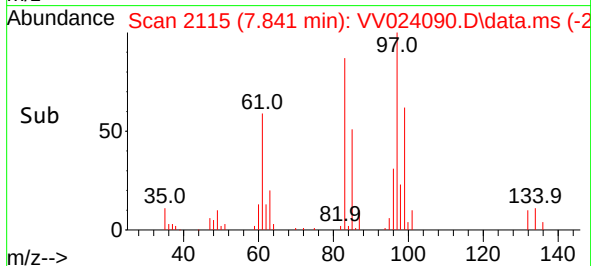


#45
1,1,2-Trichloroethane
Concen: 5.402 ug/L
RT: 7.841 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV024090.D
Acq: 19 Dec 2021 15:52

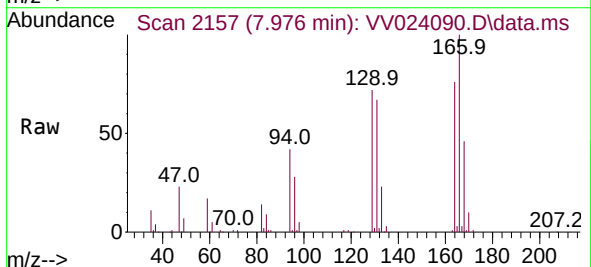
Instrument :
MSVOA_V
ClientSampleId :



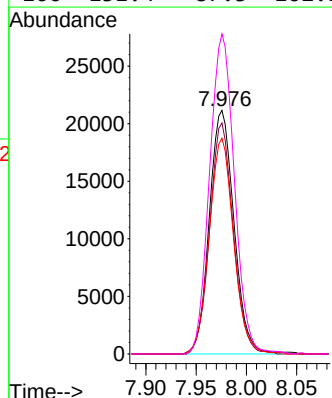
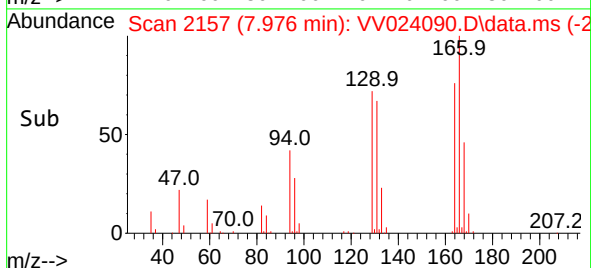
Tgt Ion:	97	Resp:	28023
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.1	80.1
83	87.5	57.9	107.5
85	51.4	38.0	70.6

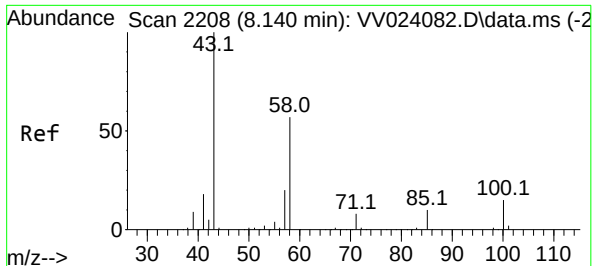


#47
Tetrachloroethene
Concen: 4.920 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV024090.D
Acq: 19 Dec 2021 15:52



Tgt Ion:	164	Resp:	36045
Ion	Ratio	Lower	Upper
164	100		
129	94.9	62.6	116.2
131	88.6	61.0	113.4
166	131.4	87.3	162.1



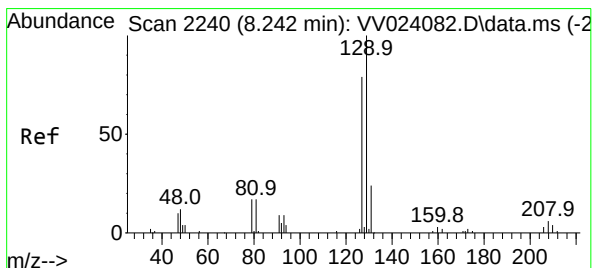
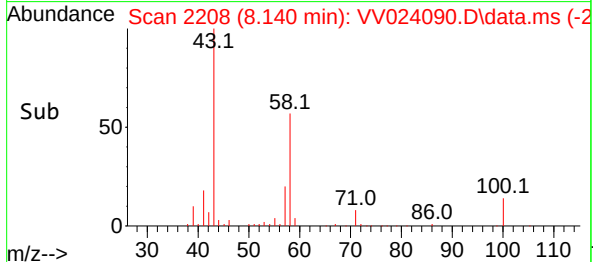
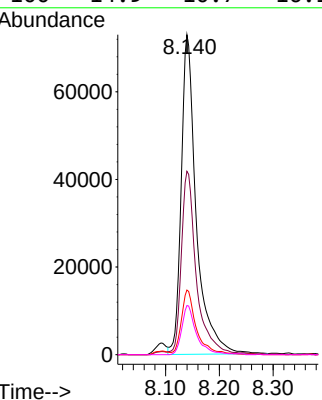
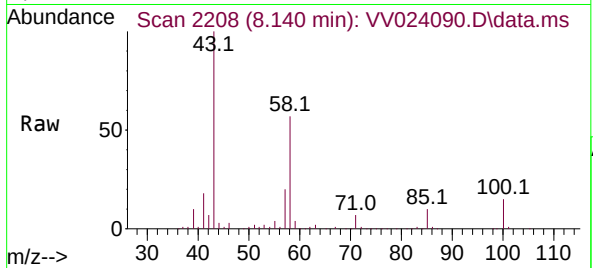


#48
2-Hexanone
Concen: 58.245 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024090.D
Acq: 19 Dec 2021 15:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 142255

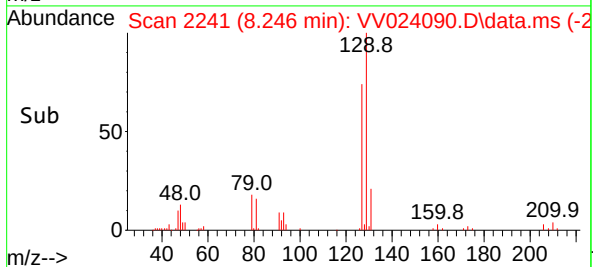
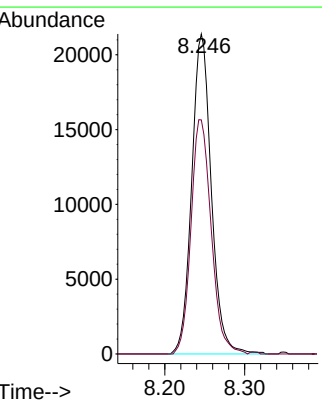
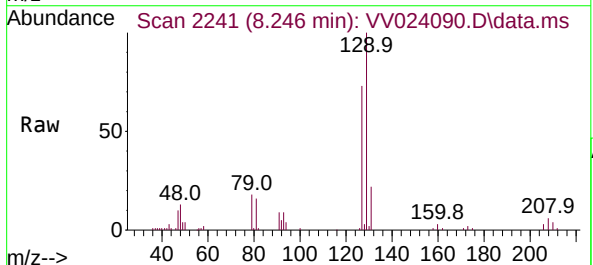
Ion	Ratio	Lower	Upper
43	100		
58	54.8	44.5	66.7
57	19.6	15.1	22.7
100	14.9	10.7	16.1

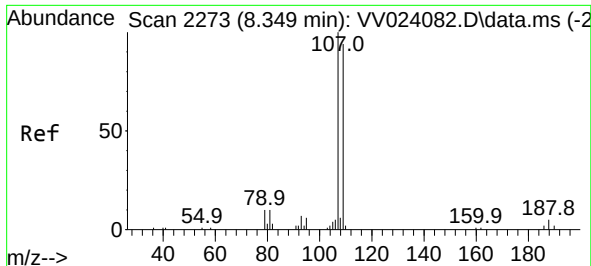


#49
Dibromochloromethane
Concen: 5.176 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV024090.D
Acq: 19 Dec 2021 15:52

Tgt Ion: 129 Resp: 36529

Ion	Ratio	Lower	Upper
129	100		
127	73.2	53.5	99.3





#50

1,2-Dibromoethane

Concen: 5.248 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV024090.D

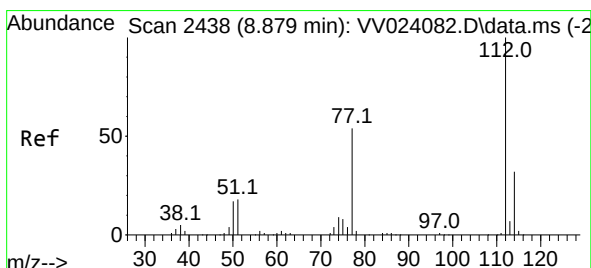
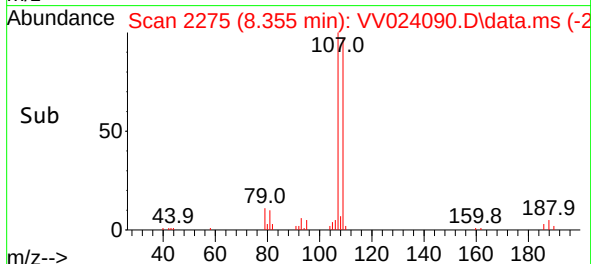
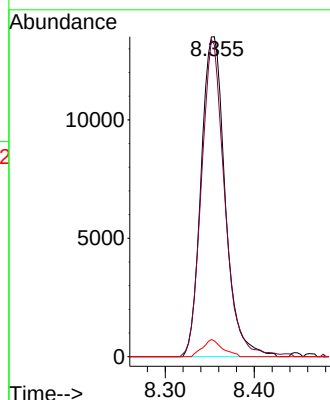
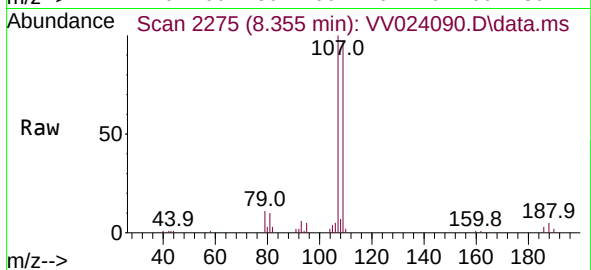
Acq: 19 Dec 2021 15:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	25277
Ion	Ratio	Lower	Upper
107	100		
109	97.5	62.5	116.1
188	4.9	3.4	5.2



#51

Chlorobenzene

Concen: 5.117 ug/L

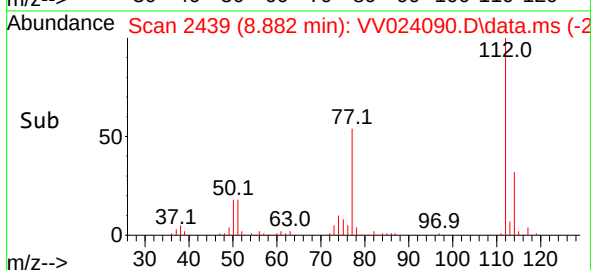
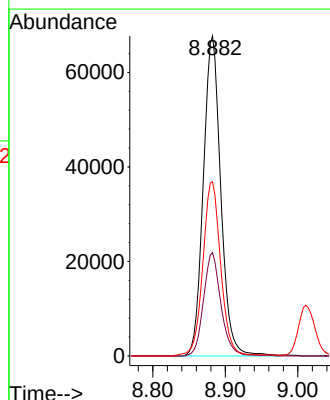
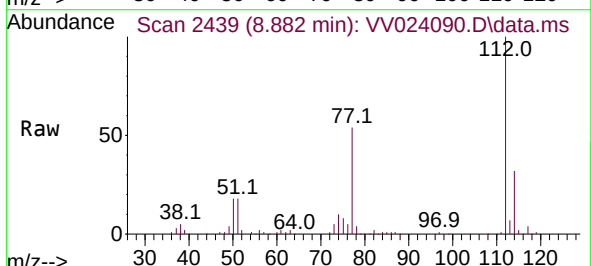
RT: 8.882 min Scan# 2439

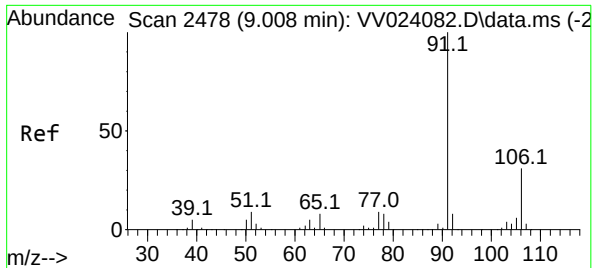
Delta R.T. 0.003 min

Lab File: VV024090.D

Acq: 19 Dec 2021 15:52

Tgt Ion:	112	Resp:	113557
Ion	Ratio	Lower	Upper
112	100		
114	32.3	23.3	43.3
77	54.5	43.3	64.9





#52

Ethylbenzene

Concen: 5.169 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. 0.003 min

Lab File: VV024090.D

Acq: 19 Dec 2021 15:52

Instrument :

MSVOA_V

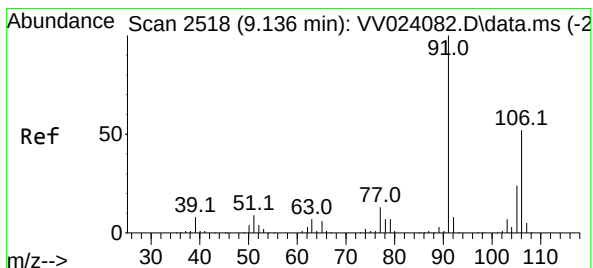
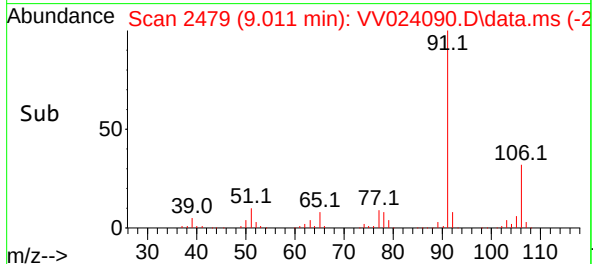
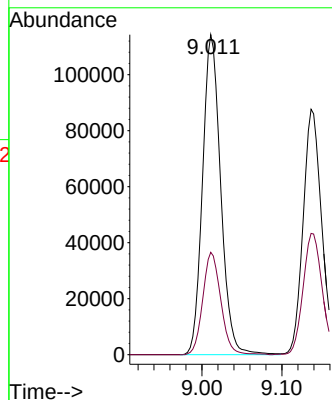
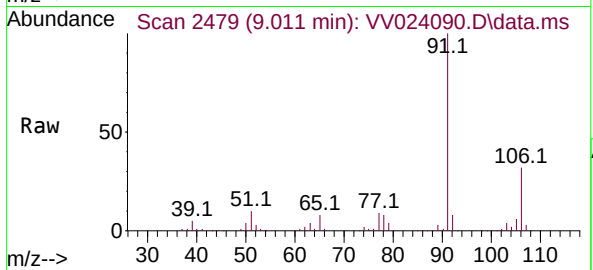
ClientSampleId :

Tgt Ion: 91 Resp: 181067

Ion Ratio Lower Upper

91 100

106 32.0 22.0 41.0



#53

m,p-xylene

Concen: 5.232 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV024090.D

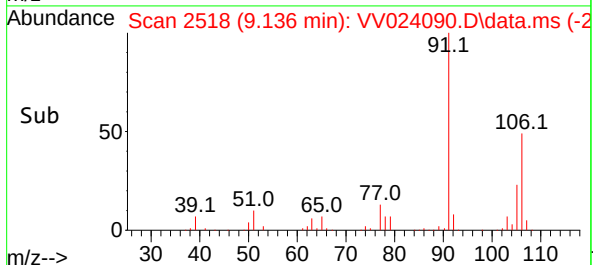
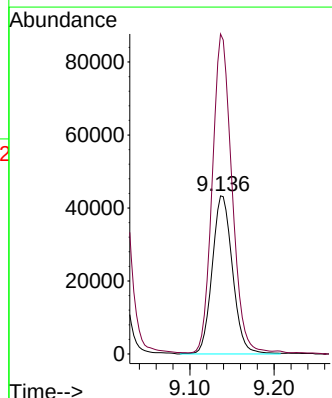
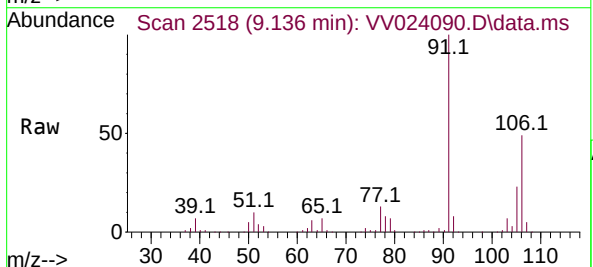
Acq: 19 Dec 2021 15:52

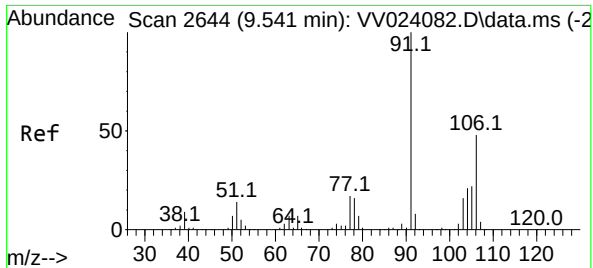
Tgt Ion:106 Resp: 72486

Ion Ratio Lower Upper

106 100

91 202.3 139.5 259.1

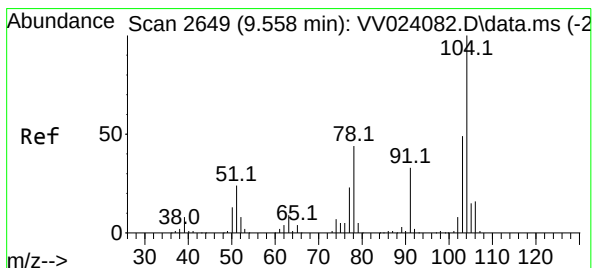
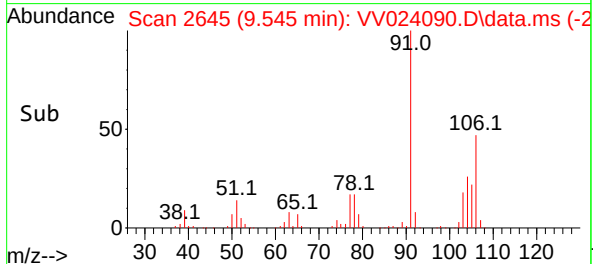
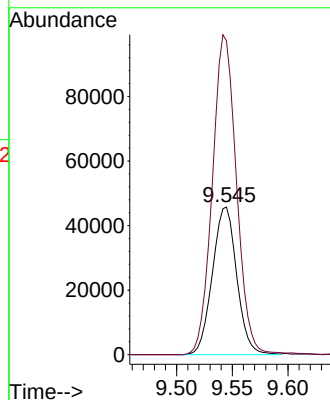
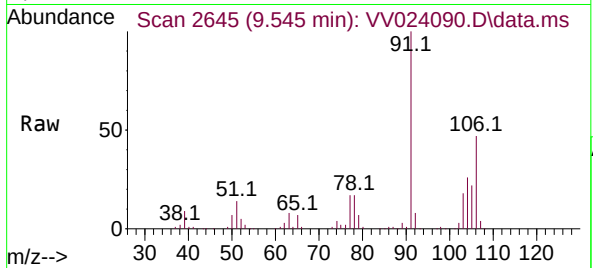




#54
o-xylene
Concen: 5.193 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV024090.D
Acq: 19 Dec 2021 15:52

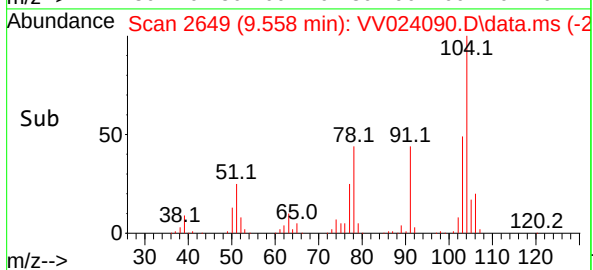
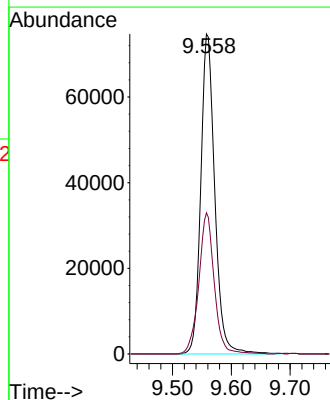
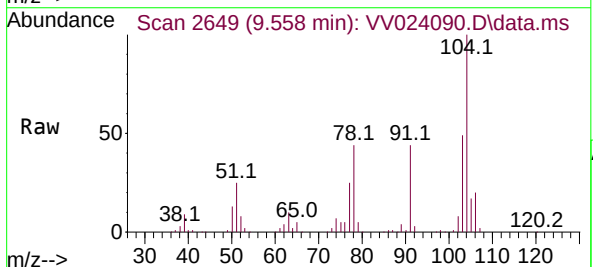
Instrument :
MSVOA_V
ClientSampleId :

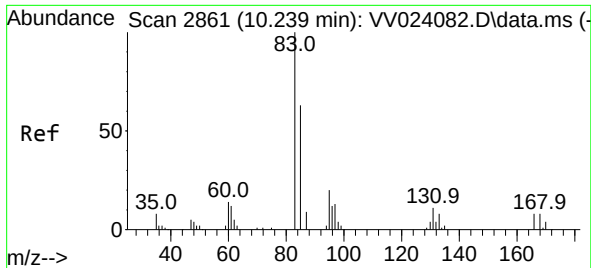
Tgt Ion:106 Resp: 69575
Ion Ratio Lower Upper
106 100
91 212.6 147.9 274.7



#55
Styrene
Concen: 5.536 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV024090.D
Acq: 19 Dec 2021 15:52

Tgt Ion:104 Resp: 123484
Ion Ratio Lower Upper
104 100
78 44.1 31.0 57.6

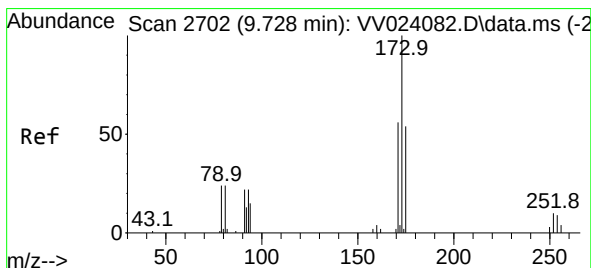
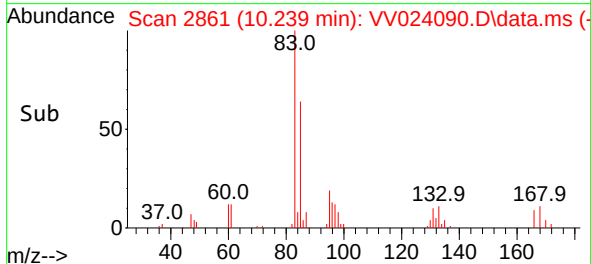
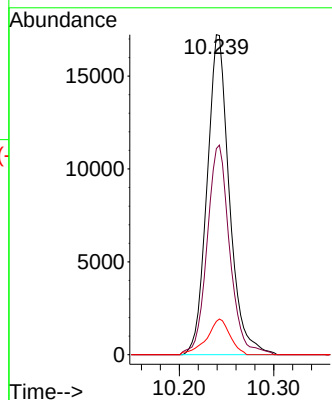
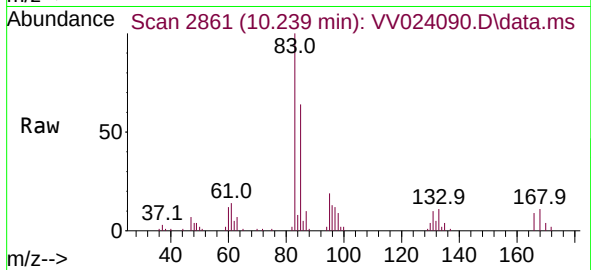




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.964 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV024090.D
 Acq: 19 Dec 2021 15:52

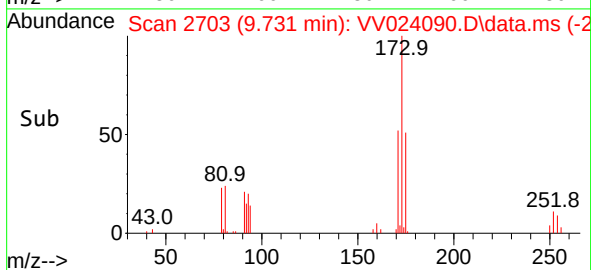
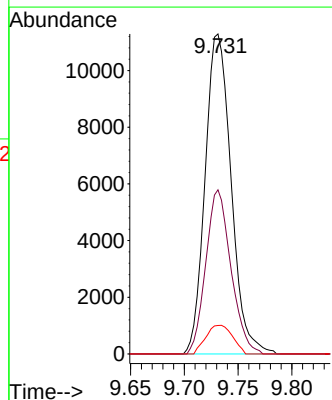
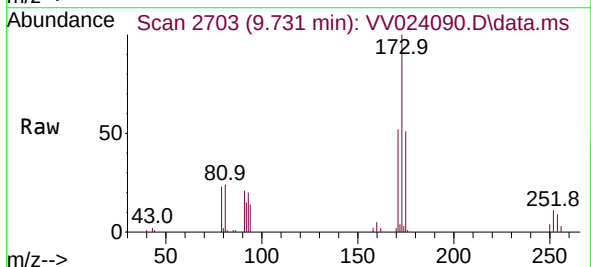
Instrument :
 MSVOA_V
 ClientSampleId :

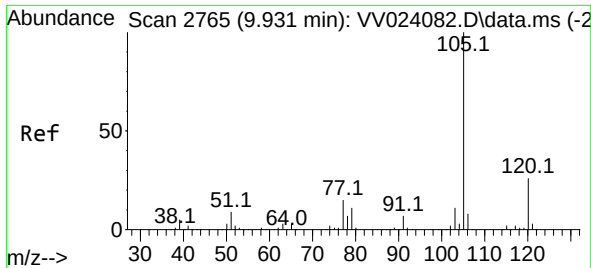
Tgt Ion: 83 Resp: 28196
 Ion Ratio Lower Upper
 83 100
 85 64.4 44.6 82.8
 131 10.4 8.3 12.5



#59
 Bromoform
 Concen: 4.651 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.003 min
 Lab File: VV024090.D
 Acq: 19 Dec 2021 15:52

Tgt Ion: 173 Resp: 18998
 Ion Ratio Lower Upper
 173 100
 175 49.5 39.4 59.2
 254 9.1 7.4 11.0

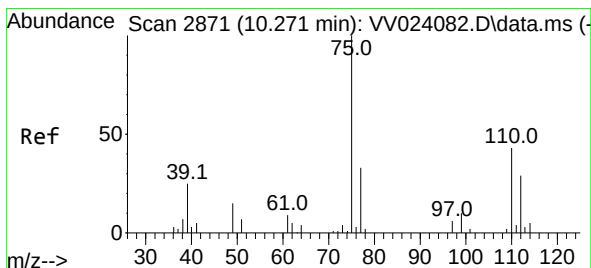
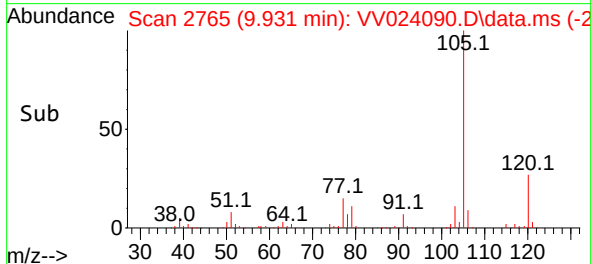
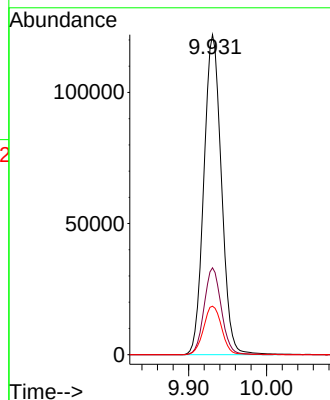
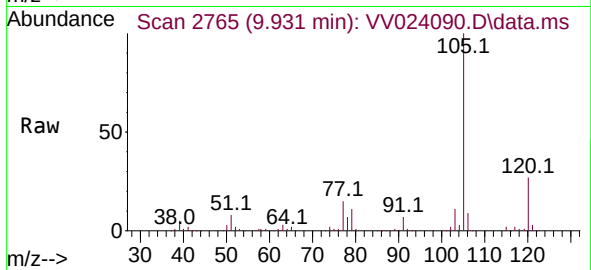




#60
Isopropylbenzene
Concen: 5.104 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV024090.D
Acq: 19 Dec 2021 15:52

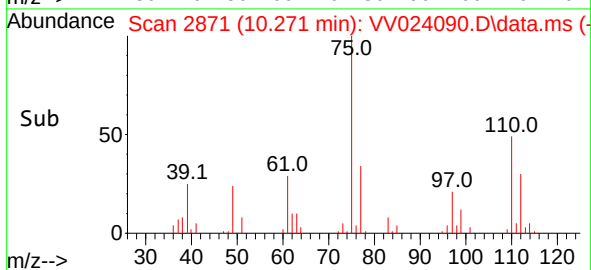
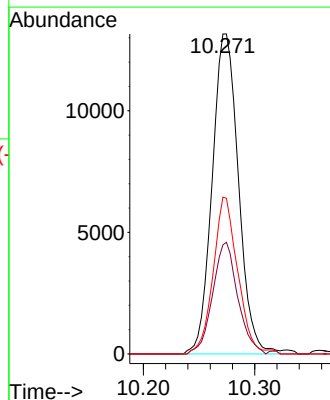
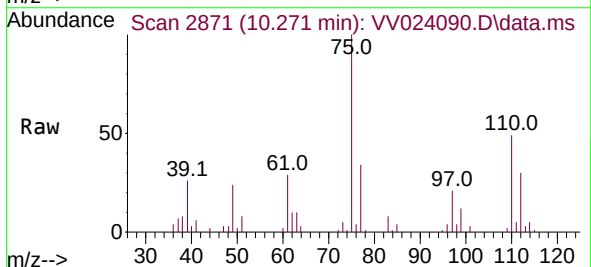
Instrument :
MSVOA_V
ClientSampleId :

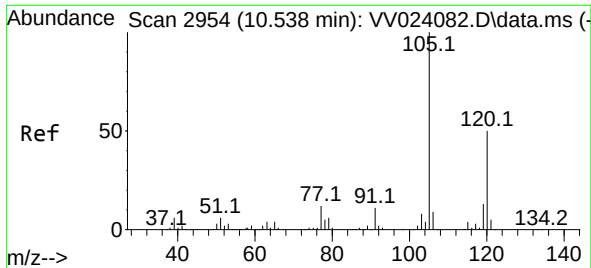
Tgt Ion:105 Resp: 190740
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.0
77 15.7 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.979 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV024090.D
Acq: 19 Dec 2021 15:52

Tgt Ion: 75 Resp: 21588
Ion Ratio Lower Upper
75 100
77 33.3 26.4 39.6
110 45.7 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 5.003 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV024090.D

Acq: 19 Dec 2021 15:52

Instrument :

MSVOA_V

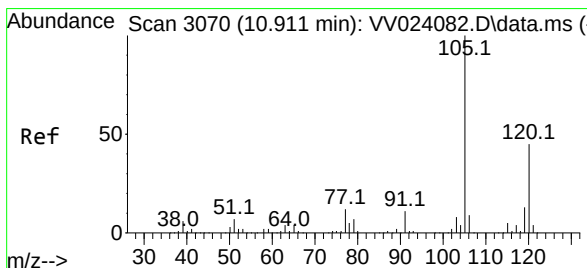
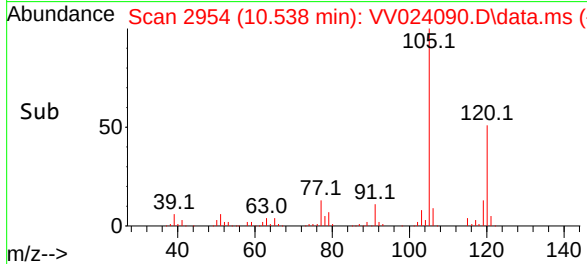
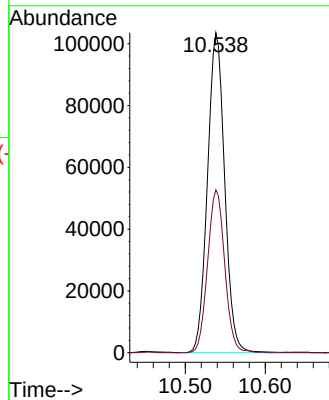
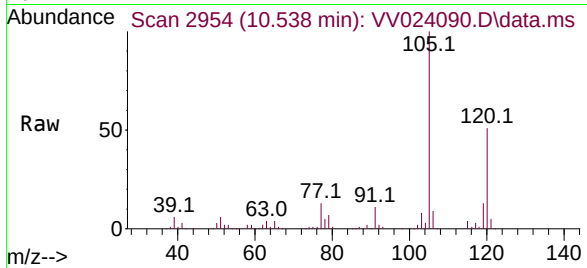
ClientSampleId :

Tgt Ion:105 Resp: 155086

Ion Ratio Lower Upper

105 100

120 50.7 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.157 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV024090.D

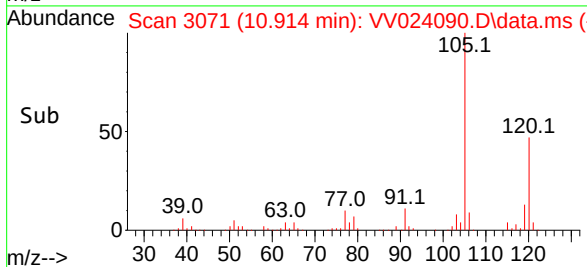
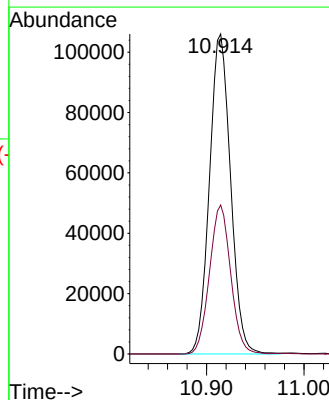
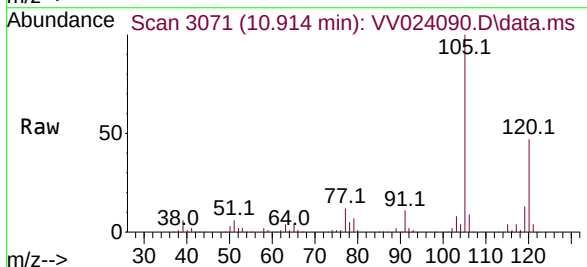
Acq: 19 Dec 2021 15:52

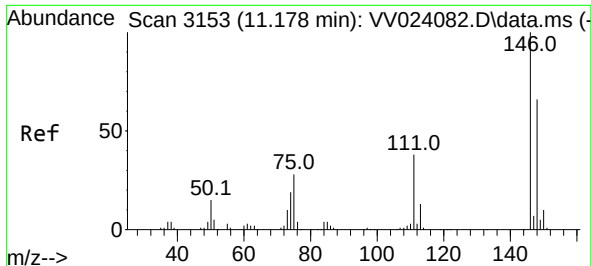
Tgt Ion:105 Resp: 159273

Ion Ratio Lower Upper

105 100

120 46.6 36.7 55.1

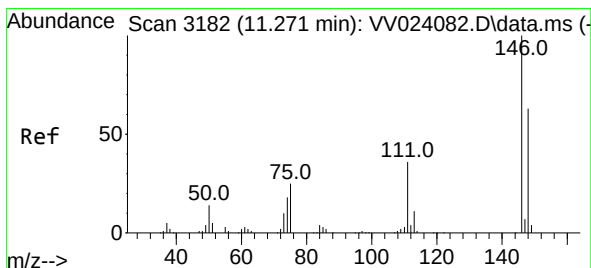
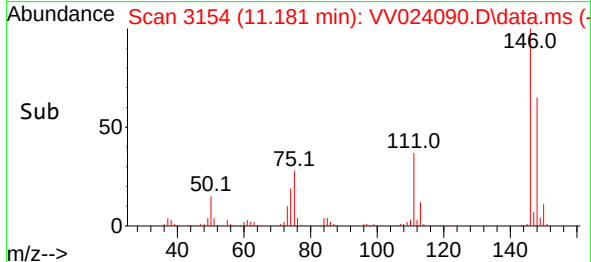
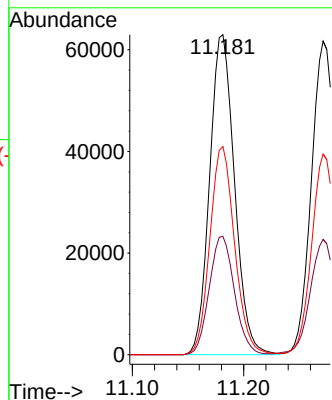
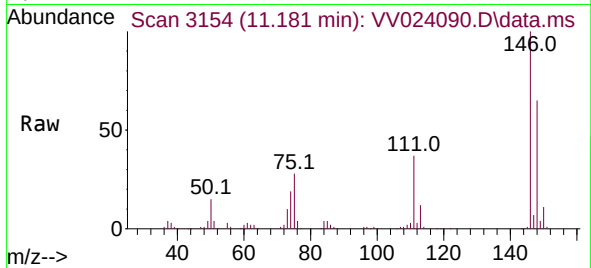




#64
1,3-Dichlorobenzene
Concen: 5.118 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV024090.D
Acq: 19 Dec 2021 15:52

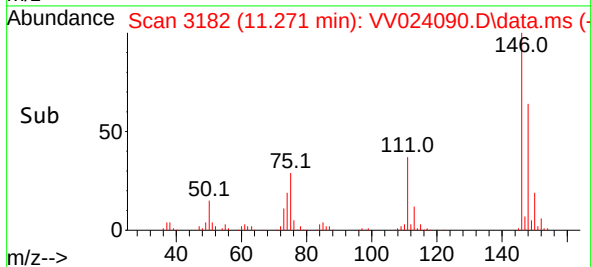
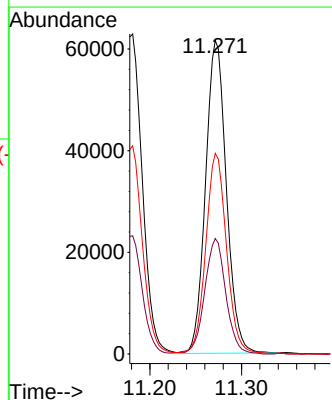
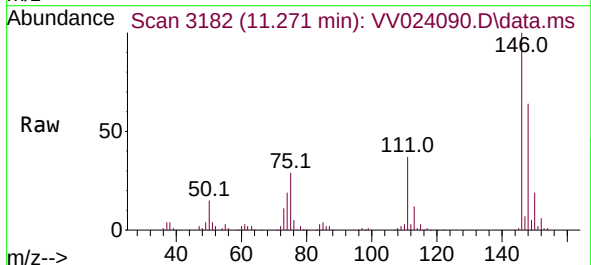
Instrument :
MSVOA_V
ClientSampleId :

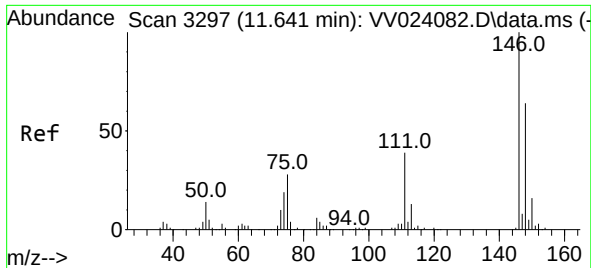
Tgt Ion:146 Resp: 97817
Ion Ratio Lower Upper
146 100
111 36.9 26.3 48.9
148 65.0 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.049 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV024090.D
Acq: 19 Dec 2021 15:52

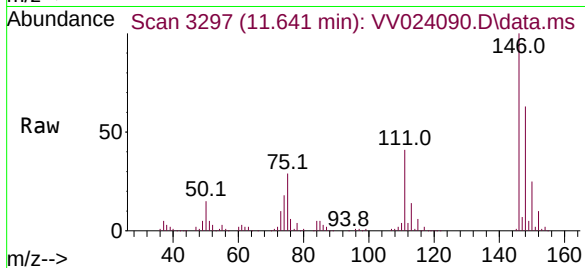
Tgt Ion:146 Resp: 96916
Ion Ratio Lower Upper
146 100
111 36.8 25.6 47.6
148 64.0 44.8 83.2



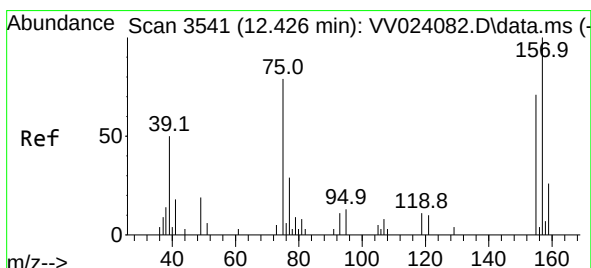
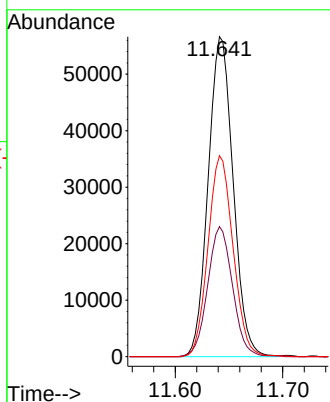
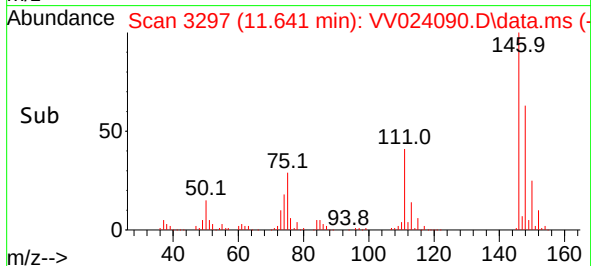


#67
 1,2-Dichlorobenzene
 Concen: 5.218 ug/L
 RT: 11.641 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV024090.D
 Acq: 19 Dec 2021 15:52

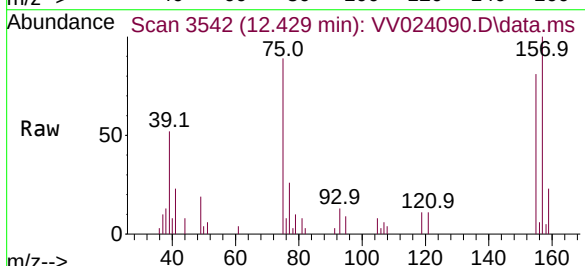
Instrument :
 MSVOA_V
 ClientSampleId :



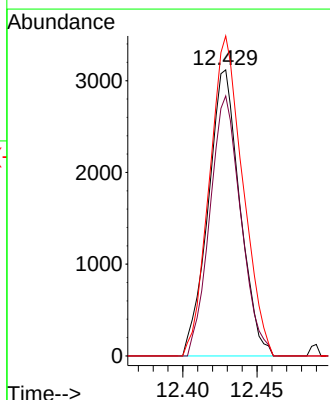
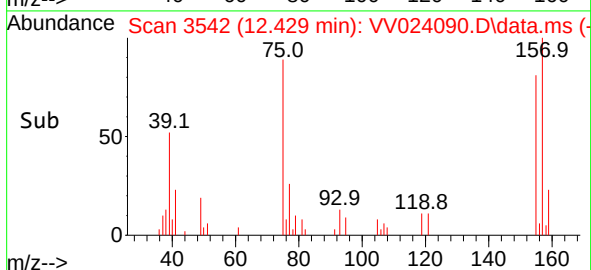
Tgt Ion:146 Resp: 91365
 Ion Ratio Lower Upper
 146 100
 111 40.6 31.9 47.9
 148 62.8 50.5 75.7

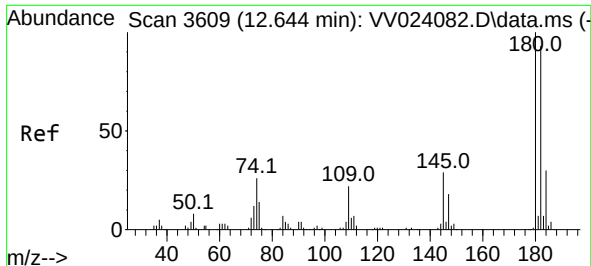


#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.886 ug/L
 RT: 12.429 min Scan# 3542
 Delta R.T. 0.003 min
 Lab File: VV024090.D
 Acq: 19 Dec 2021 15:52



Tgt Ion: 75 Resp: 4627
 Ion Ratio Lower Upper
 75 100
 155 90.9 71.7 107.5
 157 111.9 103.3 154.9





#69

1,3,5-Trichlorobenzene

Concen: 4.858 ug/L

RT: 12.644 min Scan# 301

Delta R.T. 0.000 min

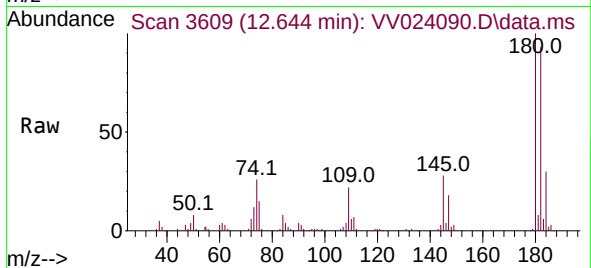
Lab File: VV024090.D

Acq: 19 Dec 2021 15:52

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 76358

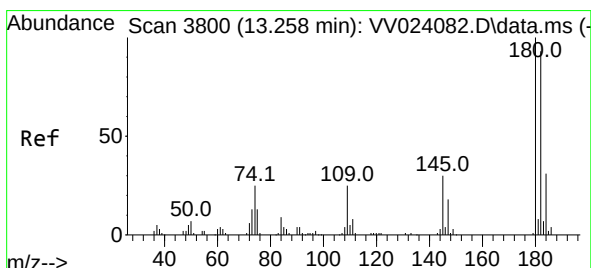
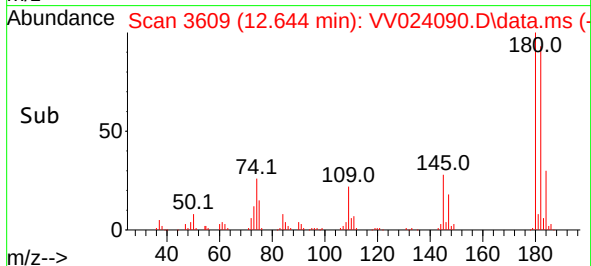
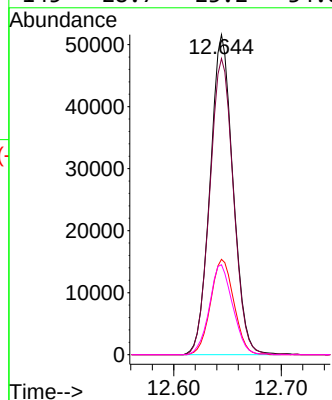
Ion Ratio Lower Upper

180 100

182 95.4 76.4 114.6

184 30.2 24.2 36.4

145 28.7 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 4.788 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV024090.D

Acq: 19 Dec 2021 15:52

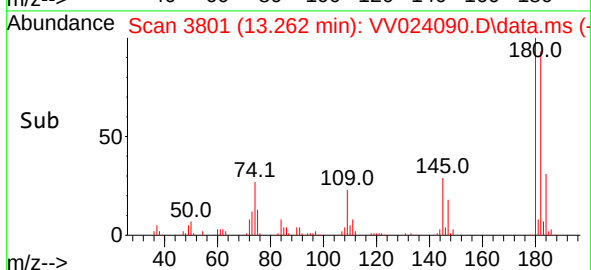
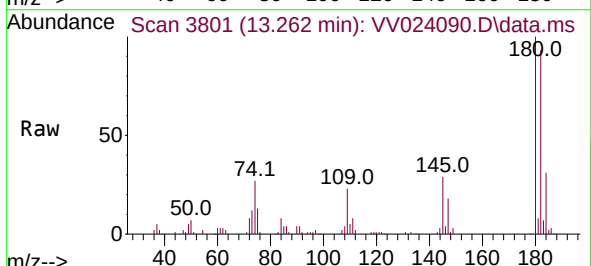
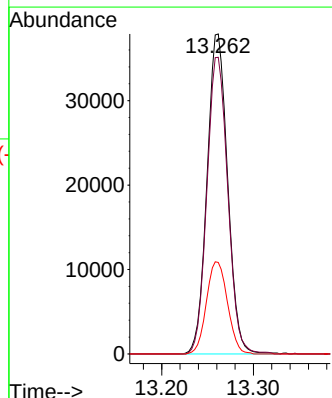
Tgt Ion:180 Resp: 59111

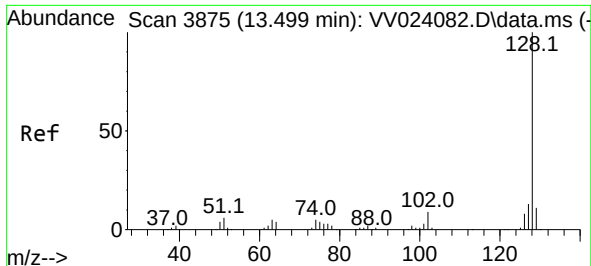
Ion Ratio Lower Upper

180 100

182 94.0 74.4 111.6

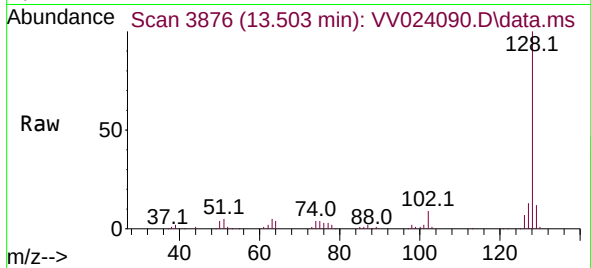
145 29.5 23.3 34.9



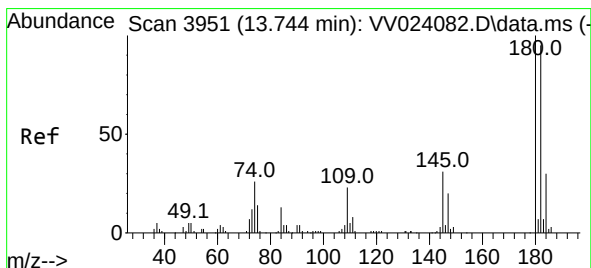
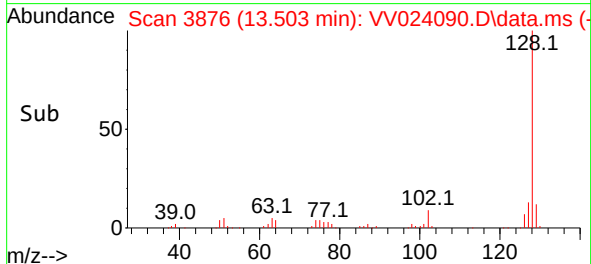
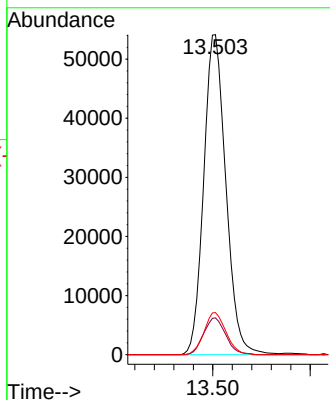


#71
Naphthalene
Concen: 4.822 ug/L
RT: 13.503 min Scan# 3950
Delta R.T. 0.003 min
Lab File: VV024090.D
Acq: 19 Dec 2021 15:52

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 85574
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.0 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.938 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.003 min
Lab File: VV024090.D
Acq: 19 Dec 2021 15:52

Tgt Ion:180 Resp: 53824
Ion Ratio Lower Upper
180 100
182 93.2 76.8 115.2
145 31.6 25.8 38.6

