

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091722\
 Data File : VV027904.D
 Acq On : 17 Sep 2022 16:32
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 02:33:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 19 02:25:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	224855	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	216010	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	124387	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	75566	4.210	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.568	69	55115	4.344	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.108	63	115138	4.077	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	3.886	46	134928	48.671	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.340%
24) Chloroform-d	4.346	84	141888	4.288	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	5.030	65	71793	4.327	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
32) Benzene-d6	5.047	84	262248	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.066	67	68167	4.380	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.313	98	245229	4.447	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	7.619	79	30579	4.590	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.088	63	111402	50.418	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.840%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48588	4.513	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	93791	4.307	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	88526	4.906	ug/L	99
3) Chloromethane	1.240	50	69864	4.955	ug/L	98
5) Vinyl chloride	1.310	62	81558	5.054	ug/L	99
6) Bromomethane	1.523	94	44248	5.088	ug/L	96
8) Chloroethane	1.587	64	46389	5.040	ug/L	98
9) Trichlorofluoromethane	1.754	101	137485	5.118	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	63099	4.887	ug/L	92
12) 1,1-Dichloroethene	2.117	96	57811	4.692	ug/L	93
13) Acetone	2.178	43	87682	48.628	ug/L	85
14) Carbon disulfide	2.294	76	141891	4.771	ug/L	99
15) Methyl Acetate	2.439	43	18651	4.711	ug/L #	76
16) Methylene chloride	2.506	84	73393	4.605	ug/L	83
17) Methyl tert-butyl Ether	2.767	73	170627	5.378	ug/L	96
18) trans-1,2-Dichloroethene	2.760	96	72873	5.248	ug/L	90
19) 1,1-Dichloroethane	3.188	63	131925	5.075	ug/L	99
21) 2-Butanone	3.973	43	139756	57.497	ug/L	94
22) cis-1,2-Dichloroethene	3.908	96	78728	5.039	ug/L #	87
23) Bromochloromethane	4.246	128	35062	4.912	ug/L #	81
25) Chloroform	4.371	83	156477	5.018	ug/L	100

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 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 02:33:41 2022
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 Response via : Initial Calibration

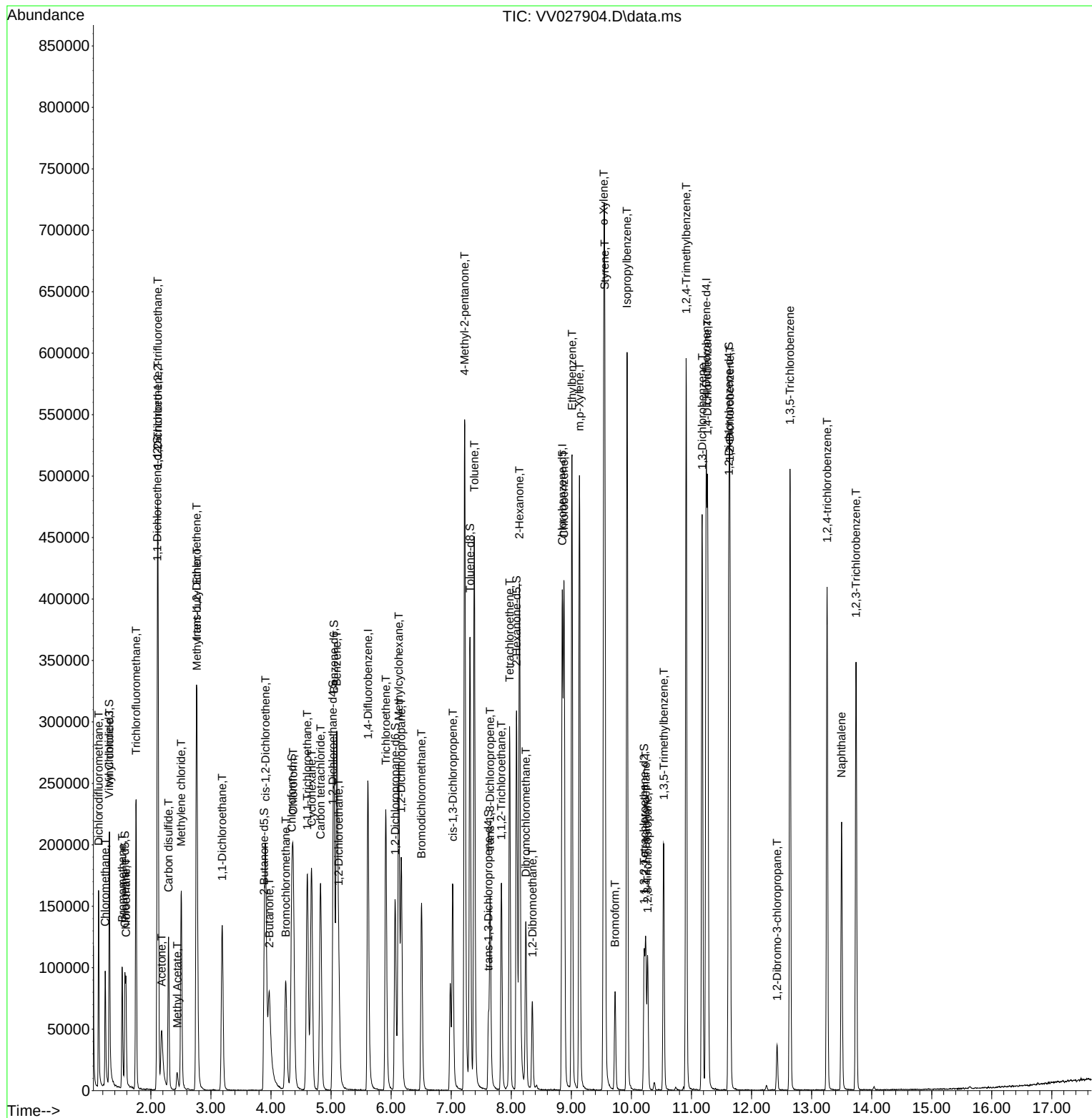
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	90107	5.109	ug/L	96
29) 1,1,1-Trichloroethane	4.606	97	145577	5.156	ug/L	97
30) Cyclohexane	4.677	56	94307	5.445	ug/L	95
31) Carbon tetrachloride	4.825	117	130741	5.225	ug/L	99
33) Benzene	5.095	78	295664	5.251	ug/L	100
34) Trichloroethene	5.911	95	79851	5.249	ug/L	95
35) Methylcyclohexane	6.127	83	111584	5.297	ug/L	93
37) 1,2-Dichloropropane	6.169	63	67558	5.328	ug/L	97
38) Bromodichloromethane	6.506	83	102477	5.179	ug/L	95
39) cis-1,3-Dichloropropene	7.027	75	101918	5.342	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	341706	55.460	ug/L #	92
42) Toluene	7.384	91	330752	5.349	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	91172	5.408	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	52745	5.356	ug/L	93
47) Tetrachloroethene	7.972	164	66135	5.204	ug/L	98
48) 2-Hexanone	8.136	43	249979	56.539	ug/L #	94
49) Dibromochloromethane	8.243	129	68343	5.291	ug/L	97
50) 1,2-Dibromoethane	8.352	107	46007	5.210	ug/L #	98
51) Chlorobenzene	8.879	112	220818	5.218	ug/L	99
52) Ethylbenzene	9.011	91	359431	5.341	ug/L	100
53) m,p-Xylene	9.136	106	144880	5.435	ug/L	99
54) o-Xylene	9.542	106	139337	5.380	ug/L	98
55) Styrene	9.558	104	248682	5.556	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	53755	5.318	ug/L #	98
59) Bromoform	9.728	173	36517	4.955	ug/L	99
60) Isopropylbenzene	9.927	105	382183	5.264	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	41590	4.869	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	111075	5.224	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	315424	5.277	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	191538	5.196	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	191219	5.118	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	176786	5.208	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	9388	5.153	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	157240	5.264	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	126471	5.377	ug/L	99
71) Naphthalene	13.500	128	178350	5.455	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	105887	5.288	ug/L	99

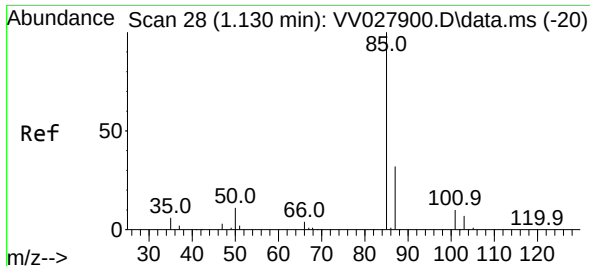
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 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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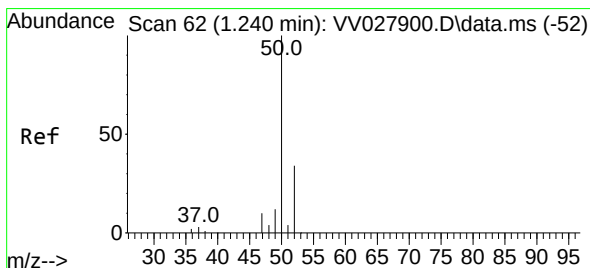
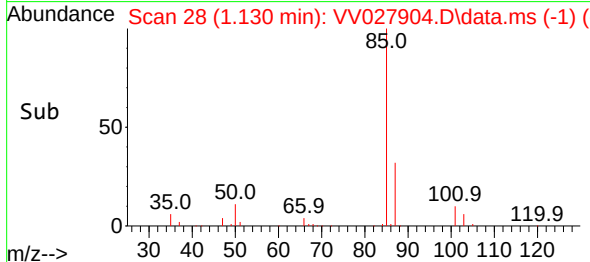
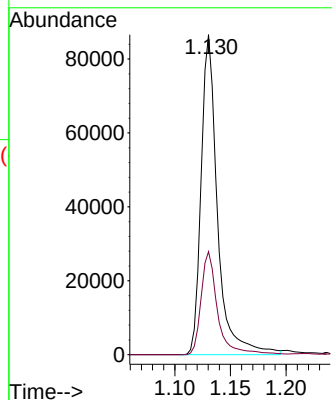
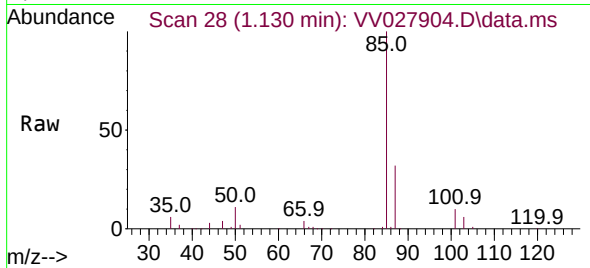




#2
 Dichlorodifluoromethane
 Concen: 4.906 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV027904.D
 Acq: 17 Sep 2022 16:32

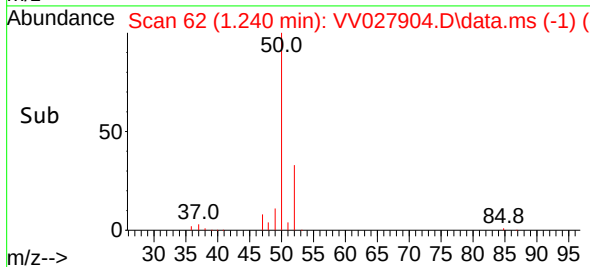
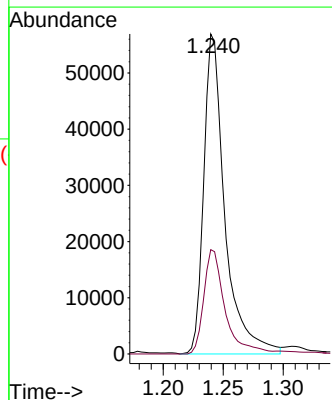
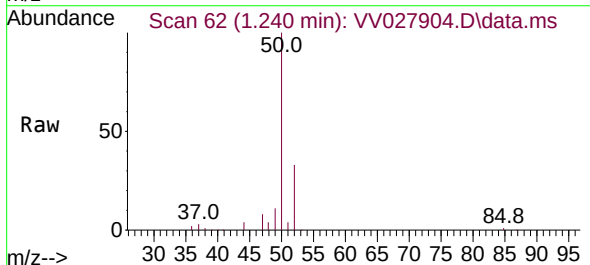
Instrument :
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 ClientSampleId :

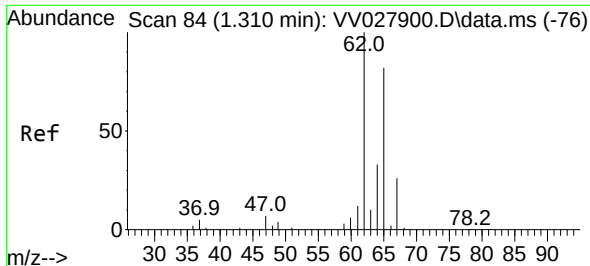
Tgt Ion: 85 Resp: 88526
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.4 38.0



#3
 Chloromethane
 Concen: 4.955 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV027904.D
 Acq: 17 Sep 2022 16:32

Tgt Ion: 50 Resp: 69864
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.1 41.1

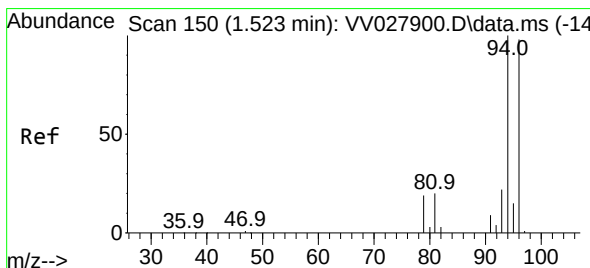
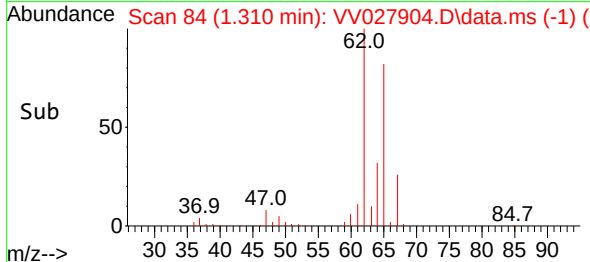
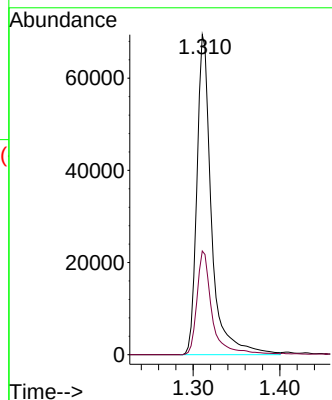
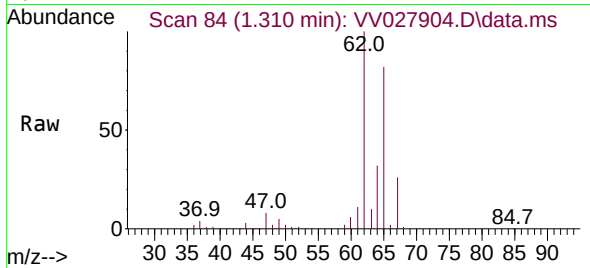




#5
 Vinyl chloride
 Concen: 5.054 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV027904.D
 Acq: 17 Sep 2022 16:32

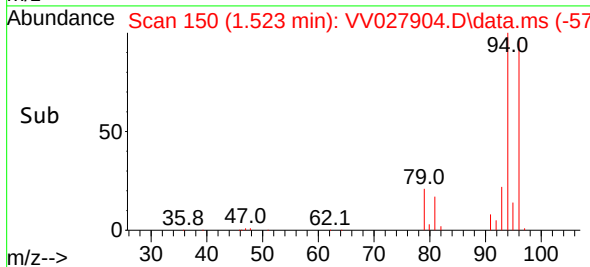
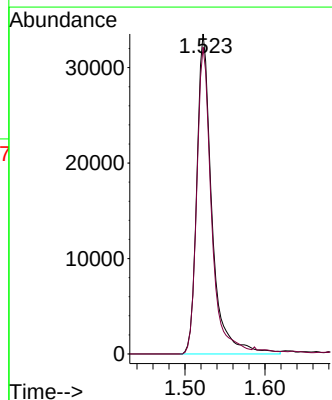
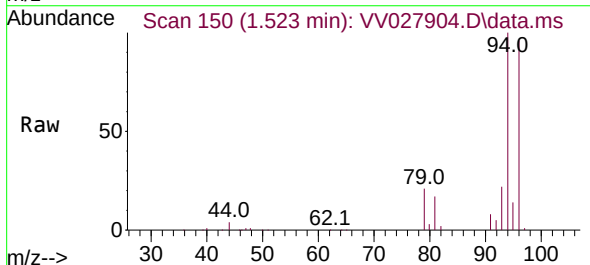
Instrument :
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 ClientSampleId :

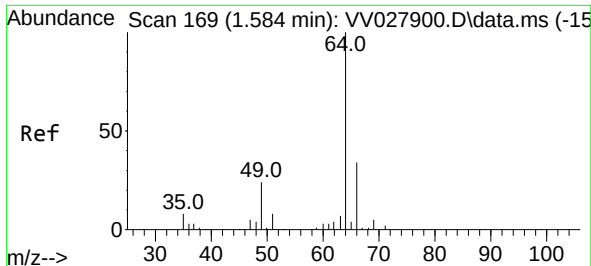
Tgt Ion: 62 Resp: 81558
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.2 43.2



#6
 Bromomethane
 Concen: 5.088 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV027904.D
 Acq: 17 Sep 2022 16:32

Tgt Ion: 94 Resp: 44248
 Ion Ratio Lower Upper
 94 100
 96 95.8 64.2 119.2

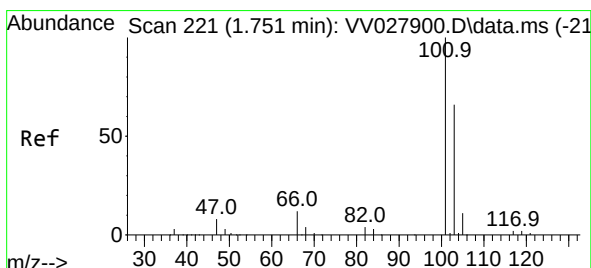
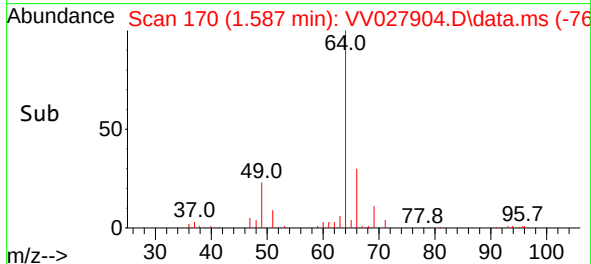
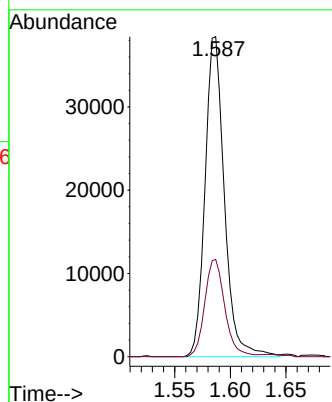
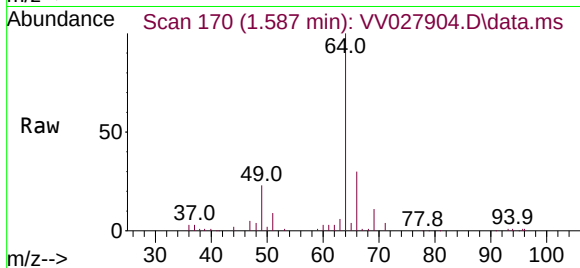




#8
Chloroethane
Concen: 5.040 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV027904.D
Acq: 17 Sep 2022 16:32

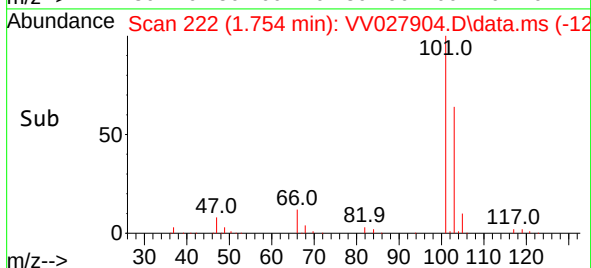
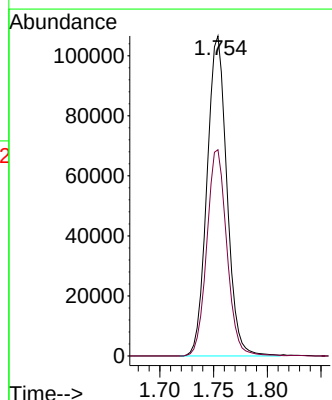
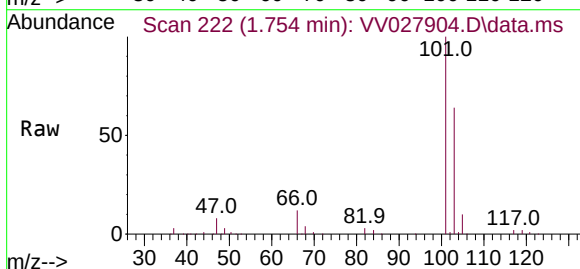
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MSVOA_V
ClientSampleId :

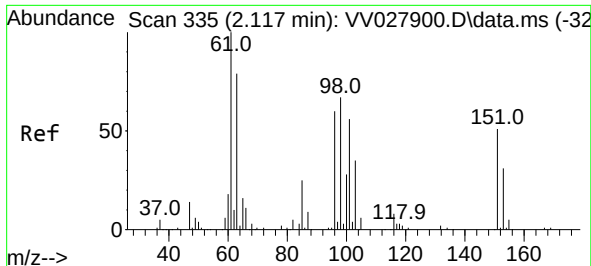
Tgt Ion: 64 Resp: 46389
Ion Ratio Lower Upper
64 100
66 30.4 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.118 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV027904.D
Acq: 17 Sep 2022 16:32

Tgt Ion:101 Resp: 137485
Ion Ratio Lower Upper
101 100
103 64.7 52.3 78.5

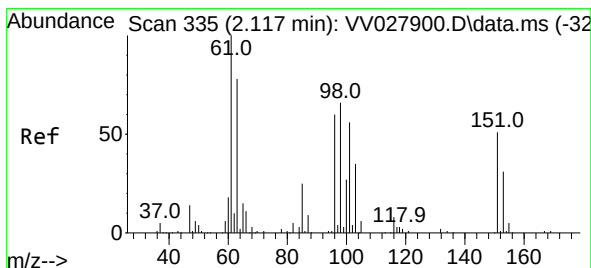
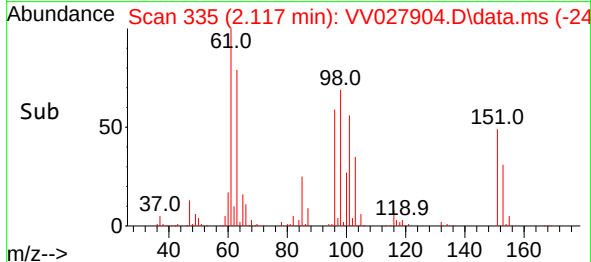
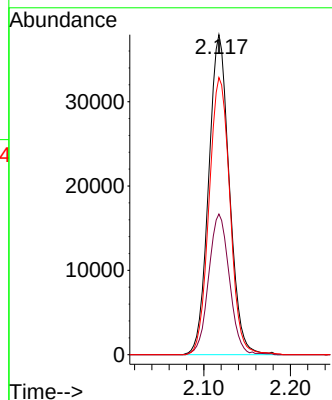
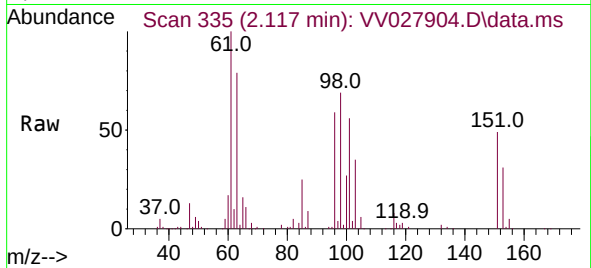




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.887 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV027904.D
 Acq: 17 Sep 2022 16:32

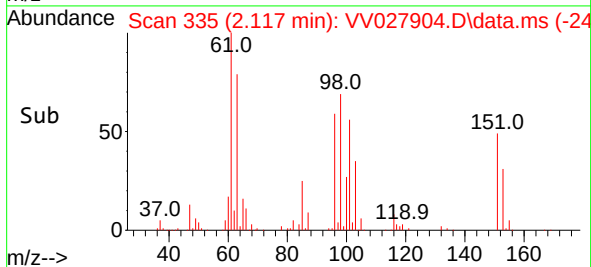
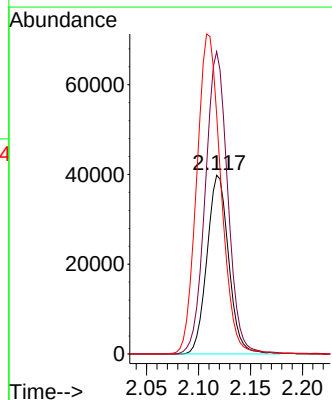
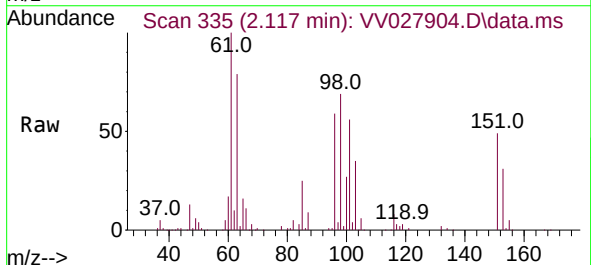
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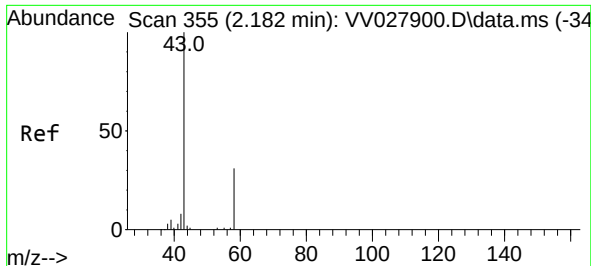
Tgt Ion:101 Resp: 63099
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.8 53.8
 151 87.2 61.2 91.8



#12
 1,1-Dichloroethene
 Concen: 4.692 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV027904.D
 Acq: 17 Sep 2022 16:32

Tgt Ion: 96 Resp: 57811
 Ion Ratio Lower Upper
 96 100
 61 169.2 129.9 241.3
 63 133.8 94.6 175.8





#13

Acetone

Concen: 48.628 ug/L

RT: 2.178 min Scan# 31

Delta R.T. -0.004 min

Lab File: VV027904.D

Acq: 17 Sep 2022 16:32

Instrument :

MSVOA_V

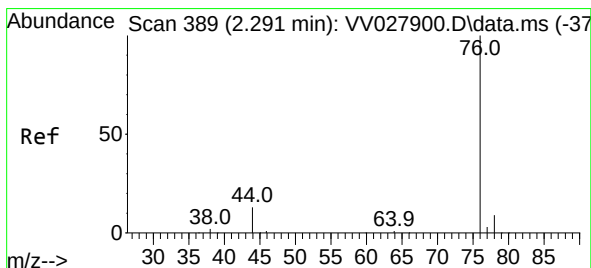
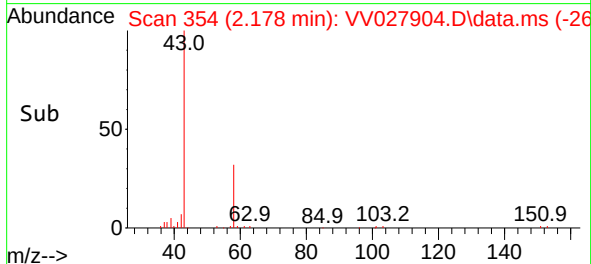
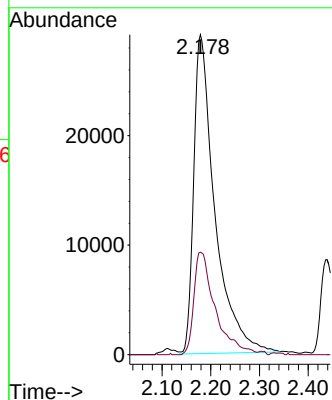
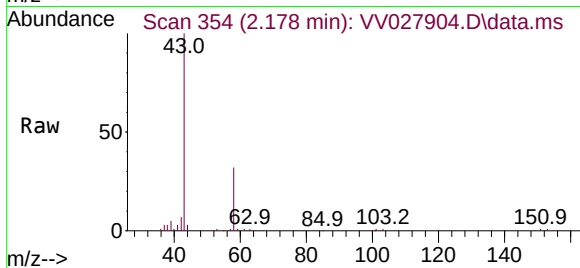
ClientSampleId :

Tgt Ion: 43 Resp: 87682

Ion Ratio Lower Upper

43 100

58 32.4 0.0 49.4



#14

Carbon disulfide

Concen: 4.771 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.003 min

Lab File: VV027904.D

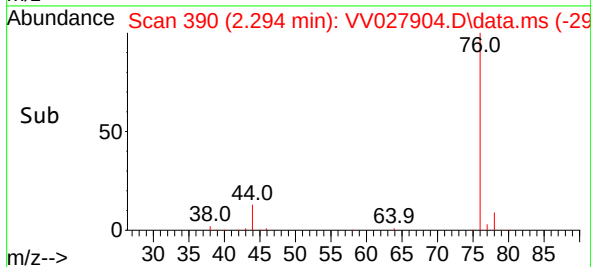
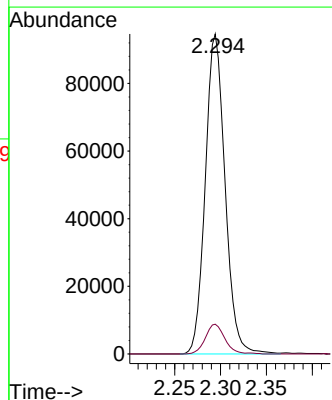
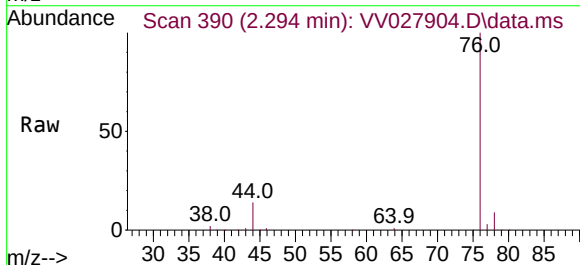
Acq: 17 Sep 2022 16:32

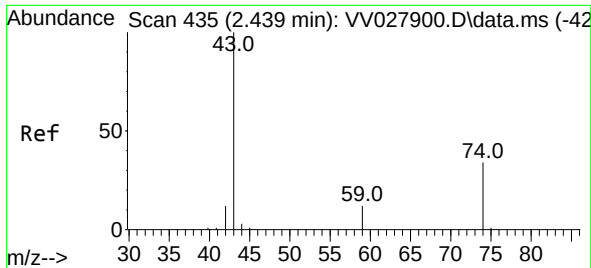
Tgt Ion: 76 Resp: 141891

Ion Ratio Lower Upper

76 100

78 9.3 7.7 11.5

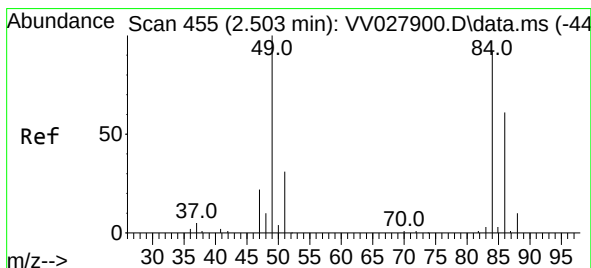
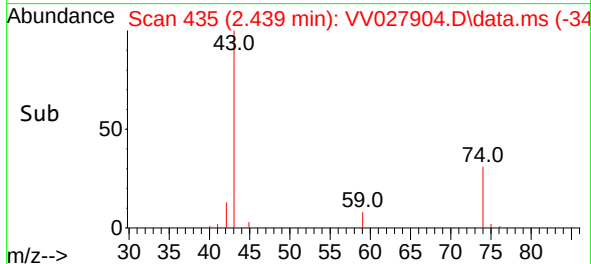
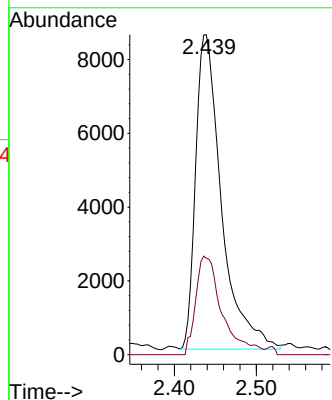
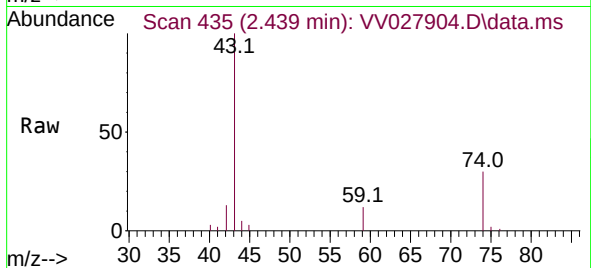




#15
Methyl Acetate
Concen: 4.711 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV027904.D
Acq: 17 Sep 2022 16:32

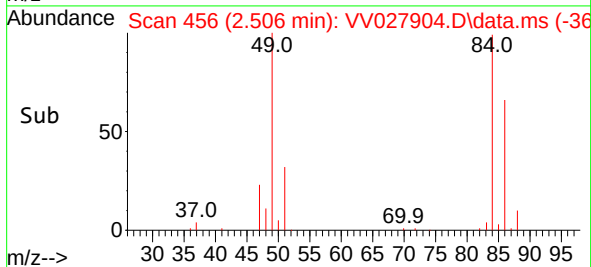
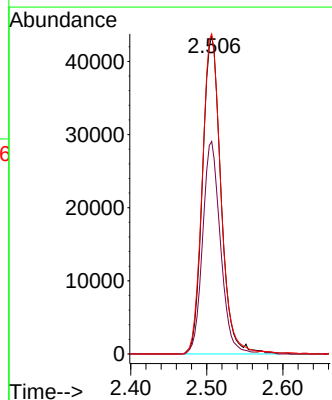
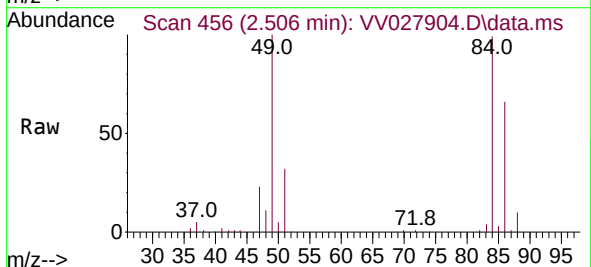
Instrument :
MSVOA_V
ClientSampleId :

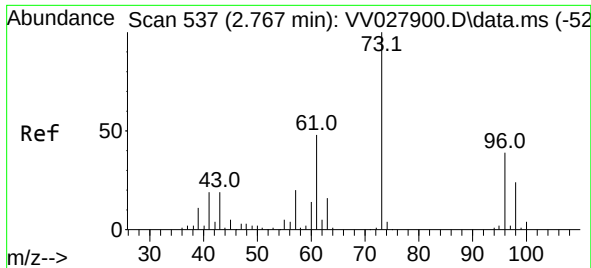
Tgt Ion: 43 Resp: 18651
Ion Ratio Lower Upper
43 100
74 32.0 16.6 25.0#



#16
Methylene chloride
Concen: 4.605 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV027904.D
Acq: 17 Sep 2022 16:32

Tgt Ion: 84 Resp: 73393
Ion Ratio Lower Upper
84 100
86 66.9 44.9 83.3
49 100.7 90.1 167.3

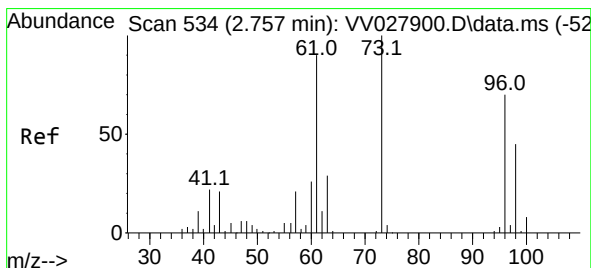
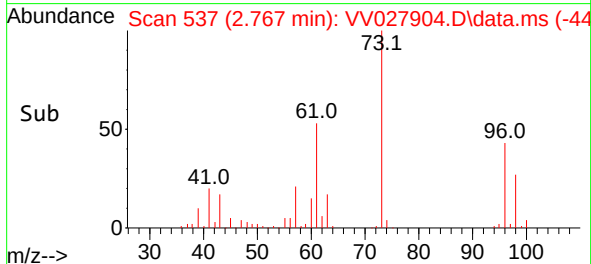
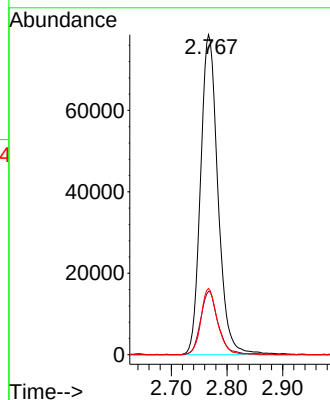
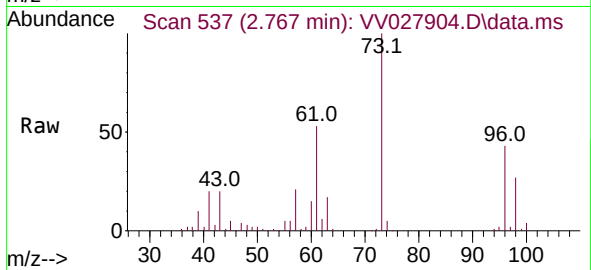




#17
Methyl tert-butyl Ether
Concen: 5.378 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV027904.D
Acq: 17 Sep 2022 16:32

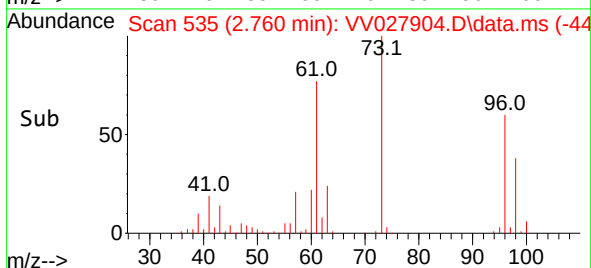
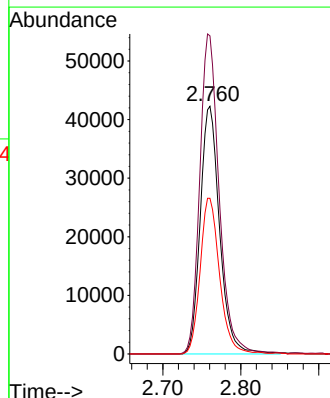
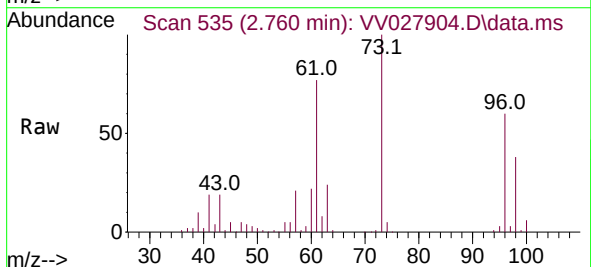
Instrument :
MSVOA_V
ClientSampleId :

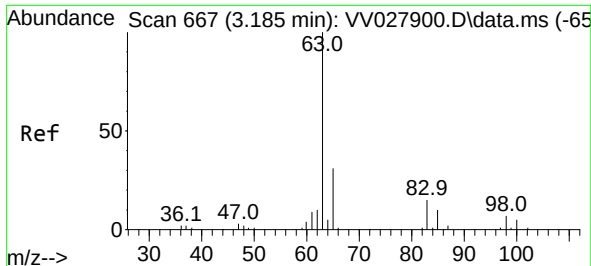
Tgt Ion: 73 Resp: 170627
Ion Ratio Lower Upper
73 100
43 19.9 17.5 26.3
57 19.8 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 5.248 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV027904.D
Acq: 17 Sep 2022 16:32

Tgt Ion: 96 Resp: 72873
Ion Ratio Lower Upper
96 100
61 128.5 102.6 190.5
98 62.8 44.0 81.8





#19

1,1-Dichloroethane

Concen: 5.075 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV027904.D

Acq: 17 Sep 2022 16:32

Instrument :

MSVOA_V

ClientSampleId :

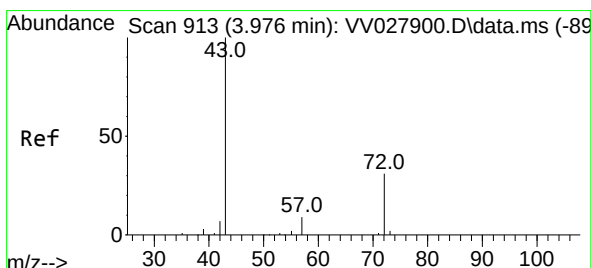
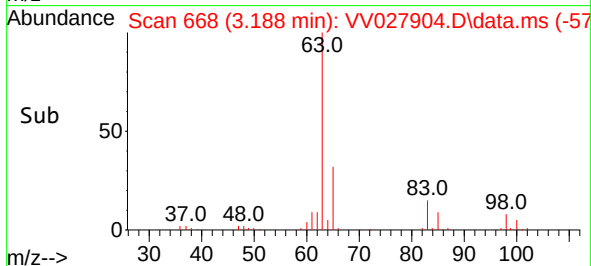
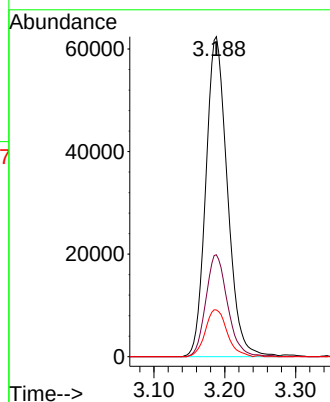
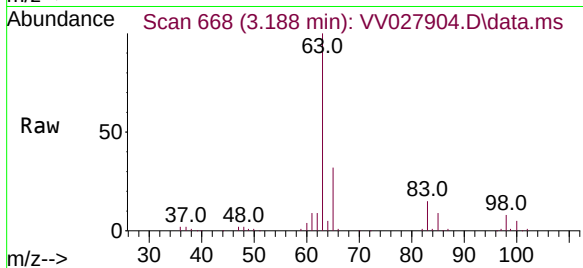
Tgt Ion: 63 Resp: 131925

Ion Ratio Lower Upper

63 100

65 31.9 22.0 41.0

83 14.6 10.1 18.9



#21

2-Butanone

Concen: 57.497 ug/L

RT: 3.973 min Scan# 912

Delta R.T. -0.003 min

Lab File: VV027904.D

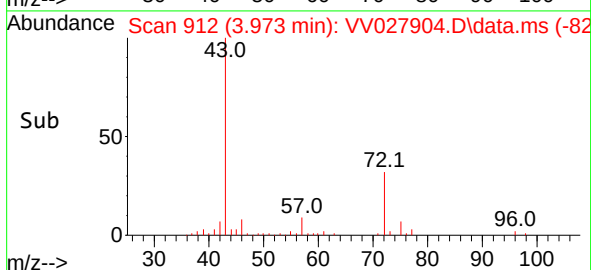
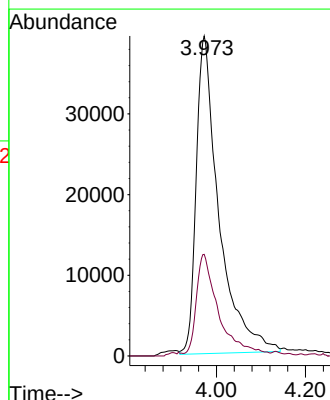
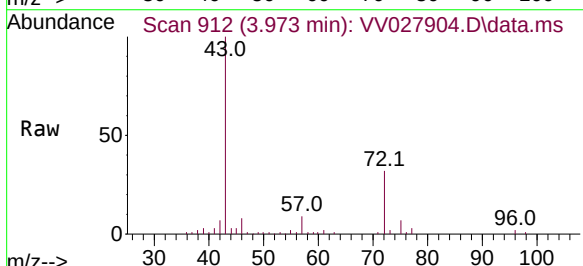
Acq: 17 Sep 2022 16:32

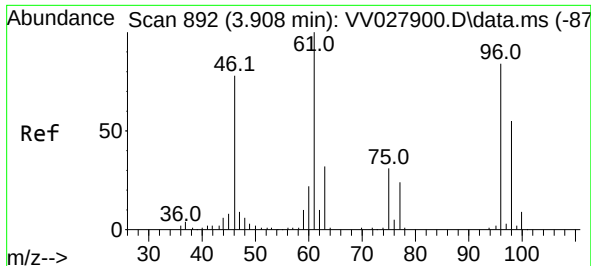
Tgt Ion: 43 Resp: 139756

Ion Ratio Lower Upper

43 100

72 29.2 13.0 39.0

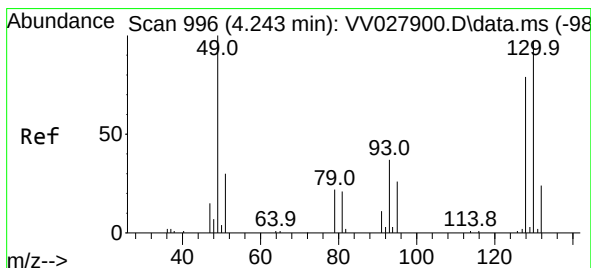
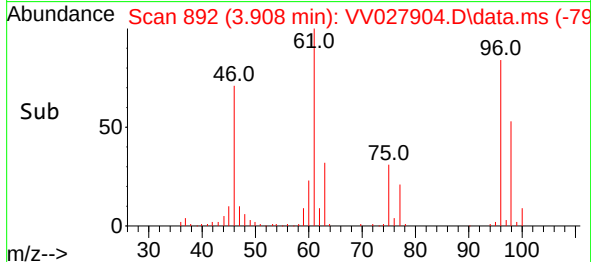
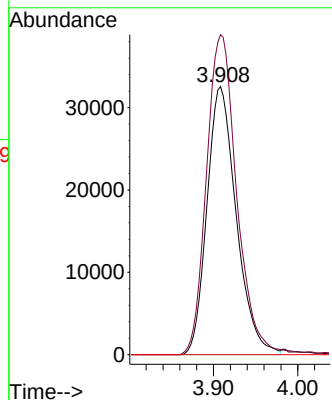
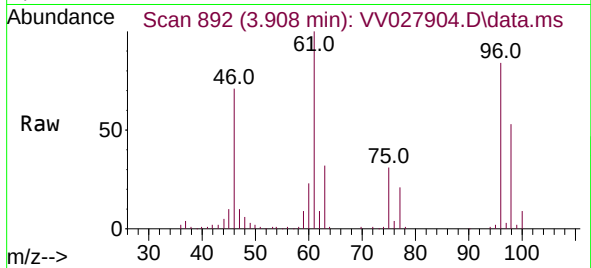




#22
 cis-1,2-Dichloroethene
 Concen: 5.039 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: VV027904.D
 Acq: 17 Sep 2022 16:32

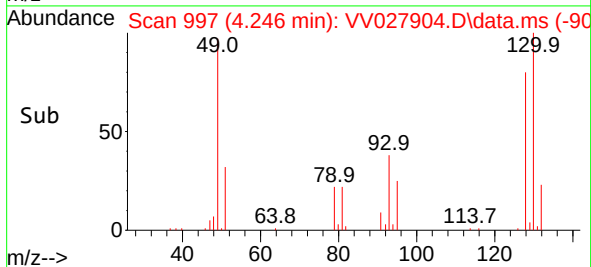
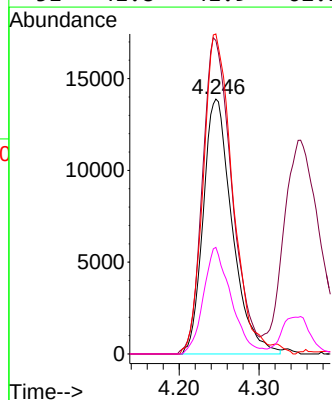
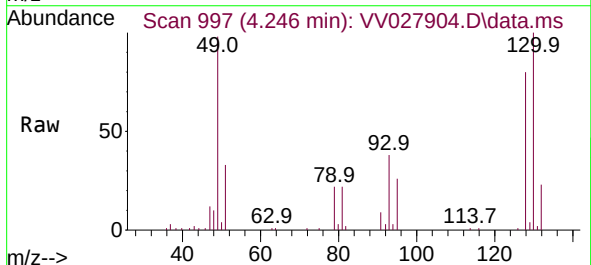
Instrument :
 MSVOA_V
 ClientSampleId :

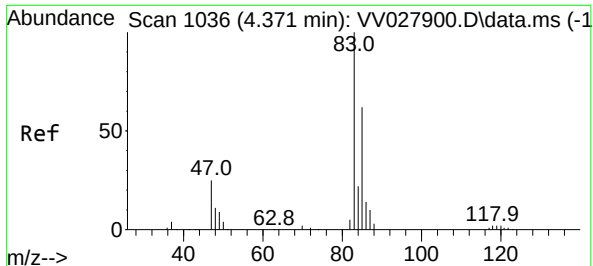
Tgt Ion: 96 Resp: 78728
 Ion Ratio Lower Upper
 96 100
 61 119.3 94.6 175.6
 68 0.0 0.3 0.5#



#23
 Bromochloromethane
 Concen: 4.912 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.003 min
 Lab File: VV027904.D
 Acq: 17 Sep 2022 16:32

Tgt Ion: 128 Resp: 35062
 Ion Ratio Lower Upper
 128 100
 49 122.9 118.4 219.8
 130 125.5 89.2 165.6
 51 41.8 41.9 62.9#





#25

Chloroform

Concen: 5.018 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV027904.D

Acq: 17 Sep 2022 16:32

Instrument :

MSVOA_V

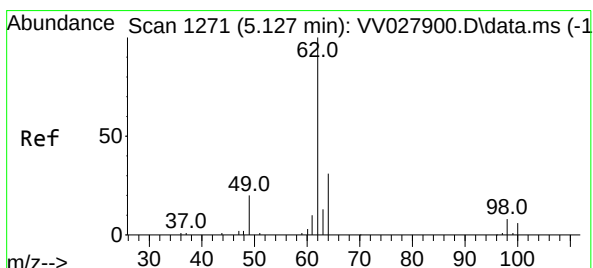
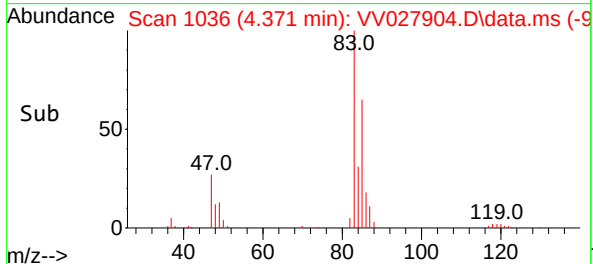
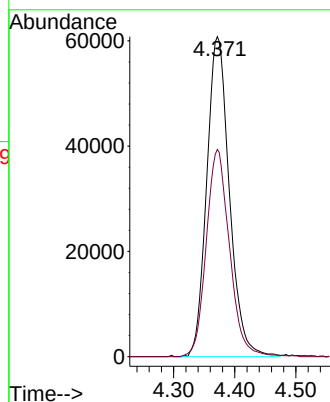
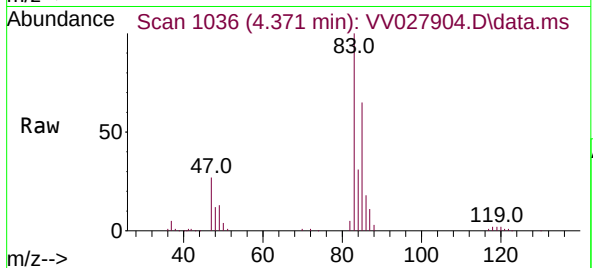
ClientSampleId :

Tgt Ion: 83 Resp: 156477

Ion Ratio Lower Upper

83 100

85 64.8 45.4 84.2



#27

1,2-Dichloroethane

Concen: 5.109 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VV027904.D

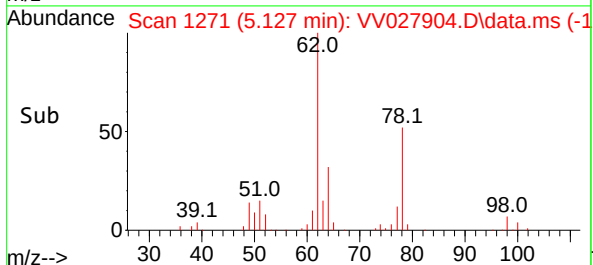
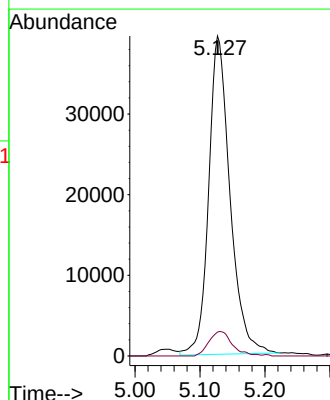
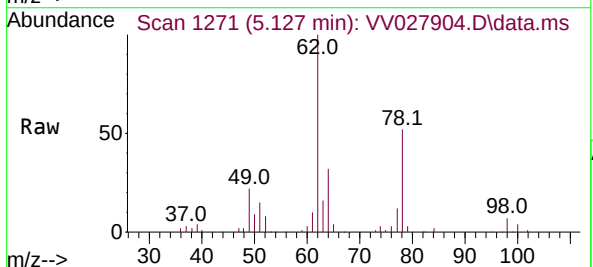
Acq: 17 Sep 2022 16:32

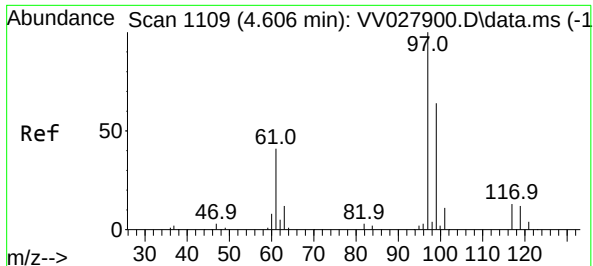
Tgt Ion: 62 Resp: 90107

Ion Ratio Lower Upper

62 100

98 7.4 7.1 10.7





#29

1,1,1-Trichloroethane

Concen: 5.156 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VV027904.D

Acq: 17 Sep 2022 16:32

Instrument :

MSVOA_V

ClientSampleId :

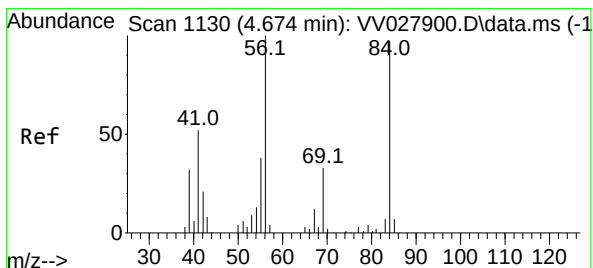
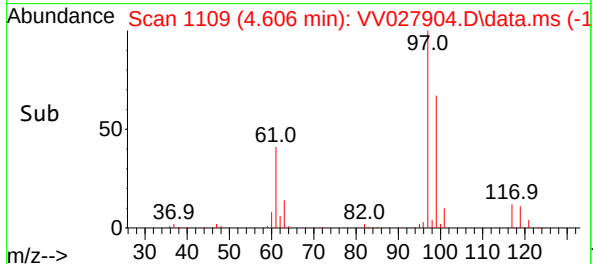
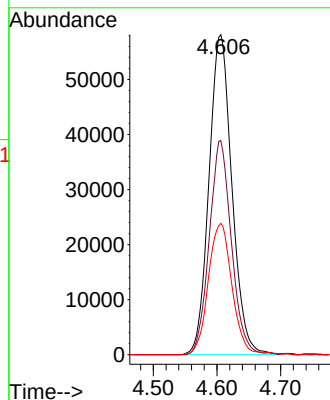
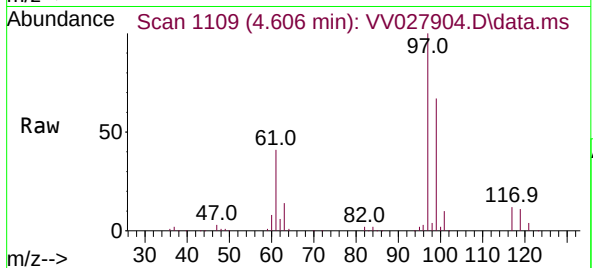
Tgt Ion: 97 Resp: 145577

Ion Ratio Lower Upper

97 100

99 64.4 50.8 76.2

61 42.1 36.2 54.4



#30

Cyclohexane

Concen: 5.445 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV027904.D

Acq: 17 Sep 2022 16:32

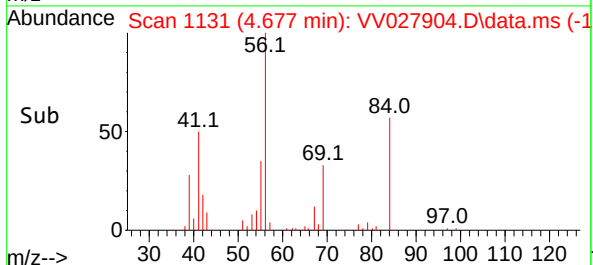
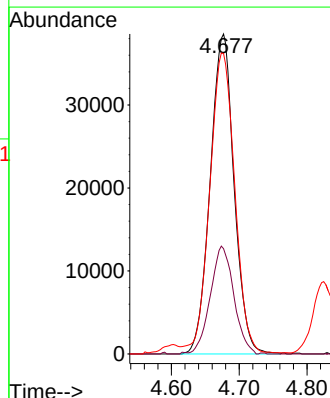
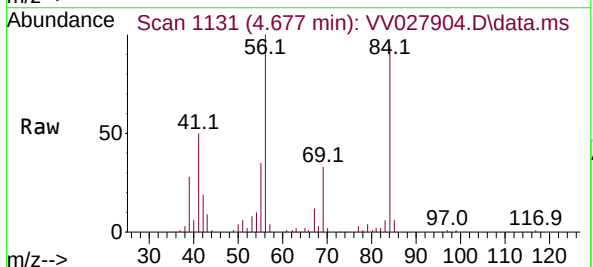
Tgt Ion: 56 Resp: 94307

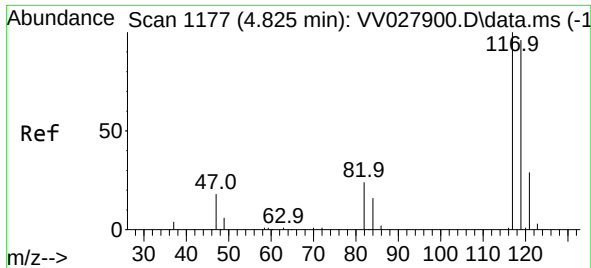
Ion Ratio Lower Upper

56 100

69 33.1 25.4 38.2

84 98.4 73.8 110.8

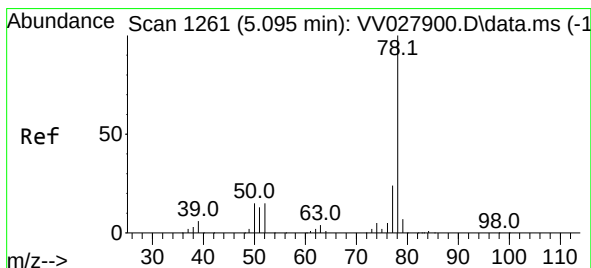
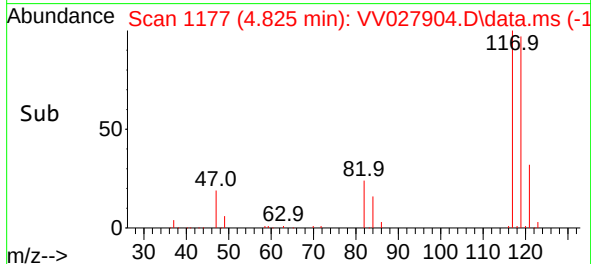
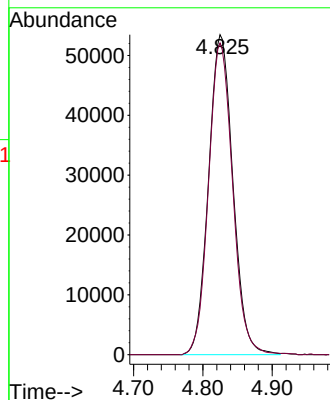
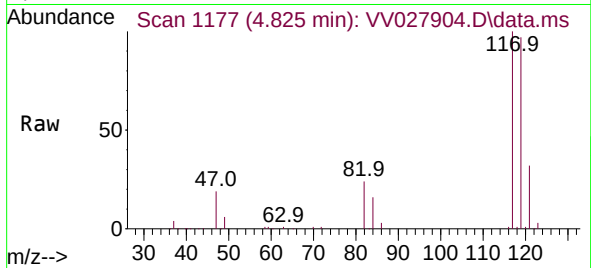




#31
Carbon tetrachloride
Concen: 5.225 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV027904.D
Acq: 17 Sep 2022 16:32

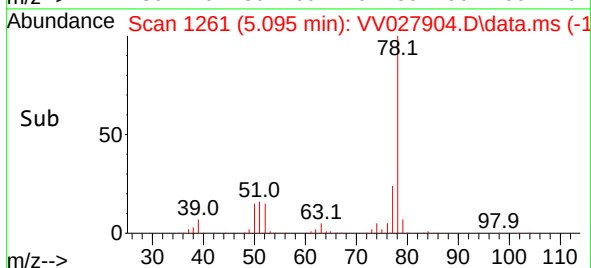
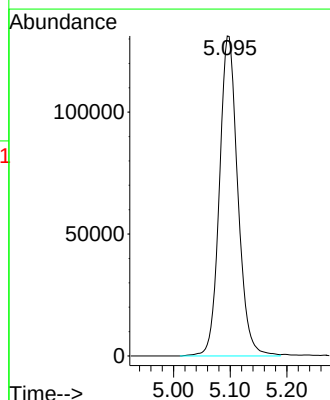
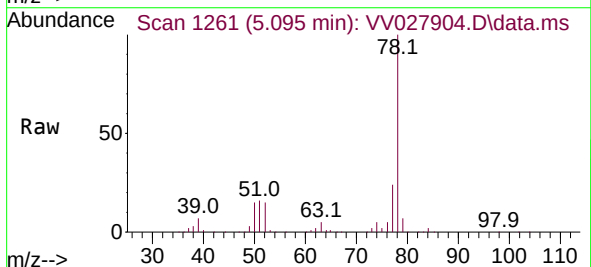
Instrument :
MSVOA_V
ClientSampleId :

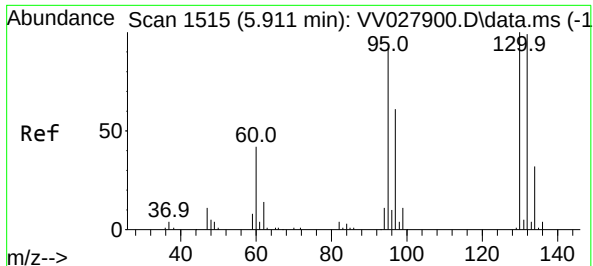
Tgt Ion:117 Resp: 130741
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.8



#33
Benzene
Concen: 5.251 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV027904.D
Acq: 17 Sep 2022 16:32

Tgt Ion: 78 Resp: 295664

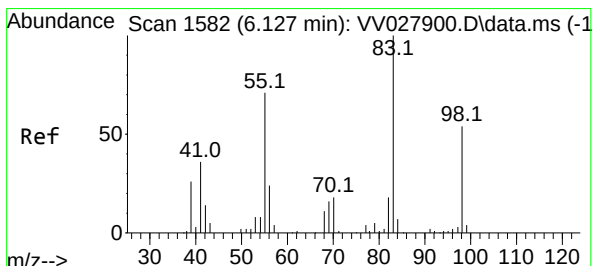
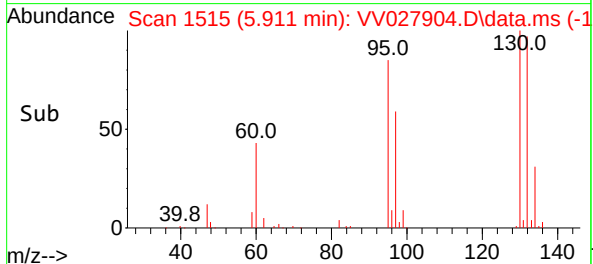
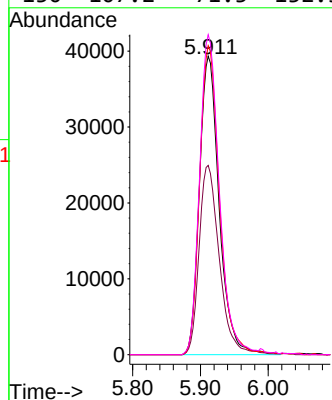
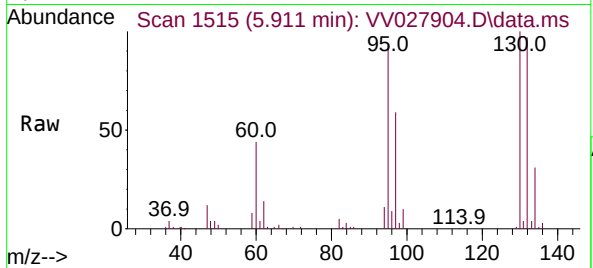




#34
Trichloroethene
Concen: 5.249 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV027904.D
Acq: 17 Sep 2022 16:32

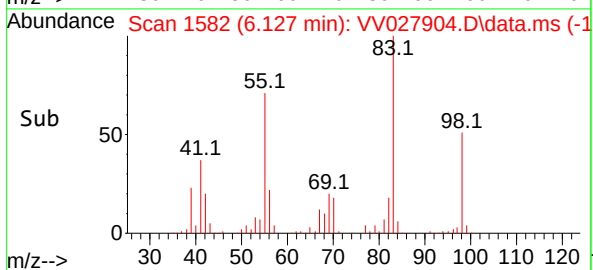
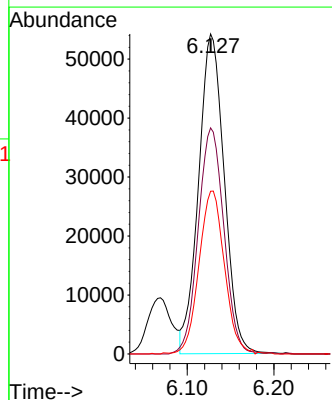
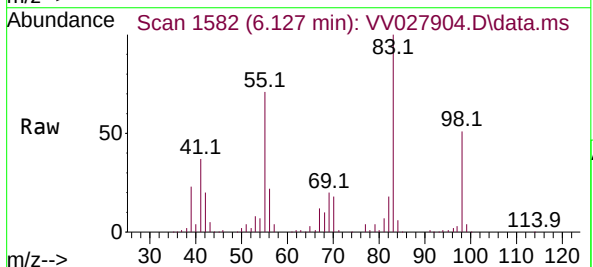
Instrument :
MSVOA_V
ClientSampleId :

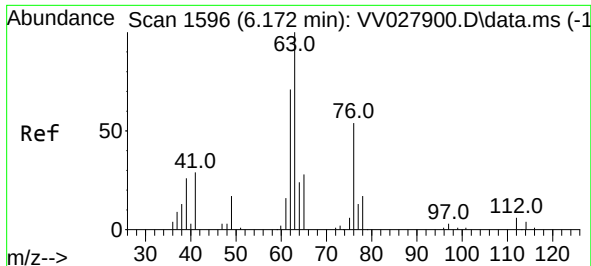
Tgt Ion: 95 Resp: 79851
Ion Ratio Lower Upper
95 100
97 63.4 42.9 79.7
132 103.5 67.9 126.1
130 107.2 71.3 132.3



#35
Methylcyclohexane
Concen: 5.297 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV027904.D
Acq: 17 Sep 2022 16:32

Tgt Ion: 83 Resp: 111584
Ion Ratio Lower Upper
83 100
55 70.7 61.9 92.9
98 50.7 37.5 56.3





#37

1,2-Dichloropropane

Concen: 5.328 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV027904.D

Acq: 17 Sep 2022 16:32

Instrument :

MSVOA_V

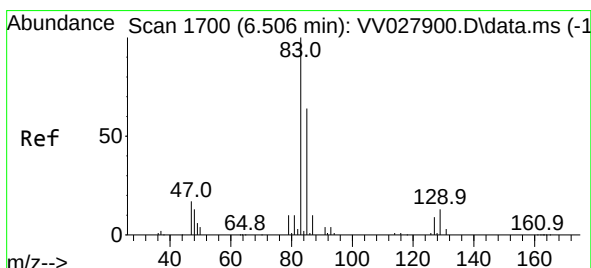
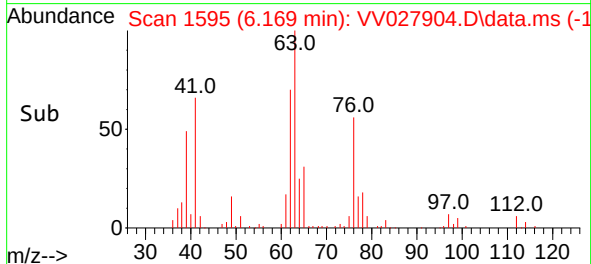
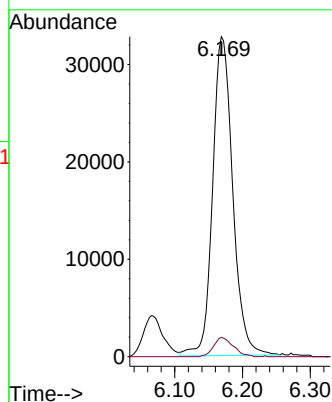
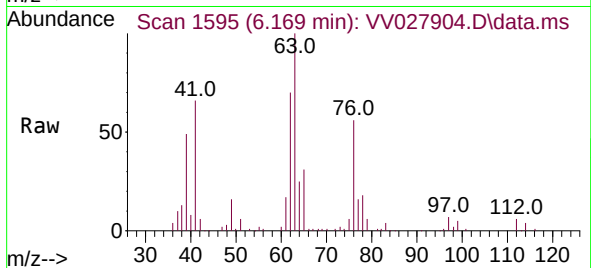
ClientSampleId :

Tgt Ion: 63 Resp: 67558

Ion Ratio Lower Upper

63 100

112 5.9 4.0 6.0



#38

Bromodichloromethane

Concen: 5.179 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV027904.D

Acq: 17 Sep 2022 16:32

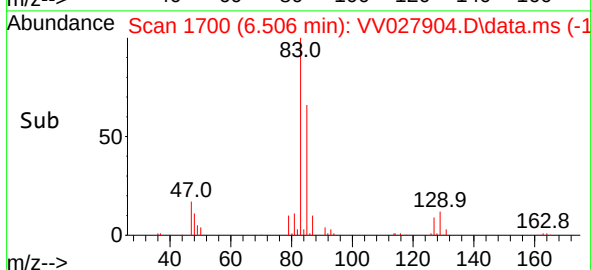
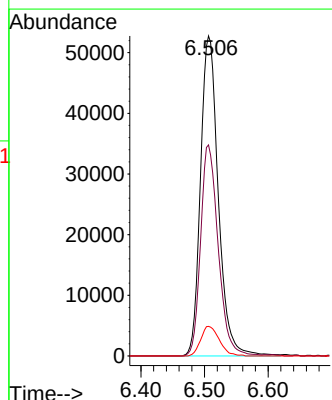
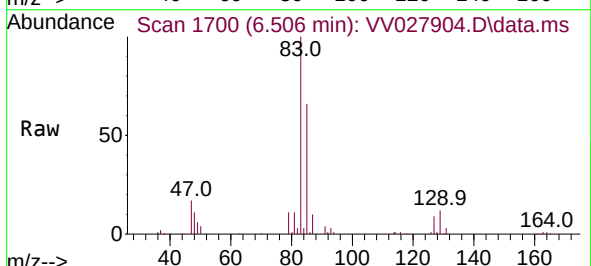
Tgt Ion: 83 Resp: 102477

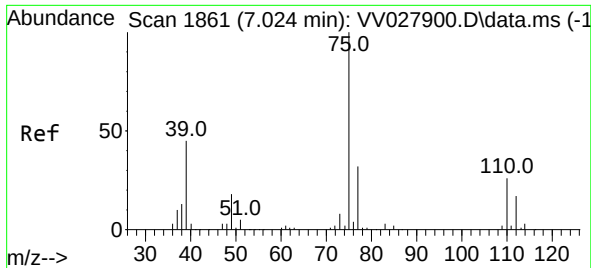
Ion Ratio Lower Upper

83 100

85 65.9 43.3 80.3

127 9.3 7.1 10.7

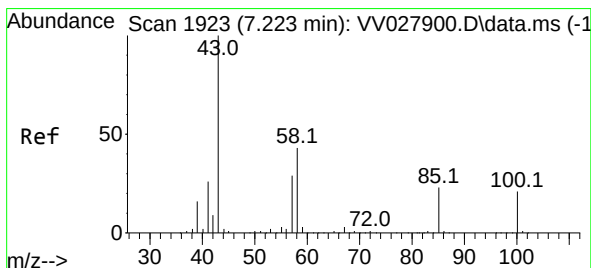
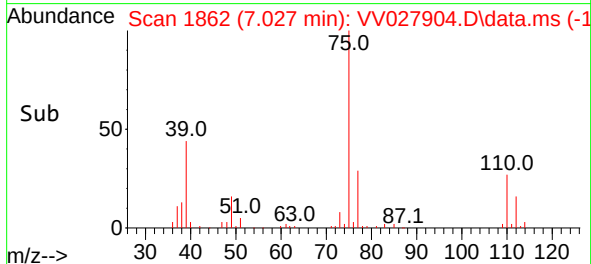
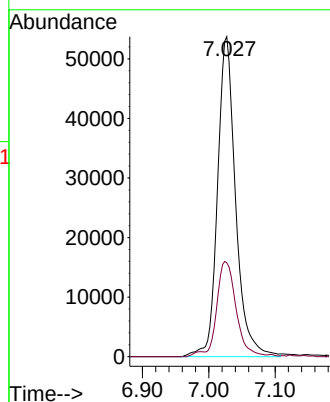
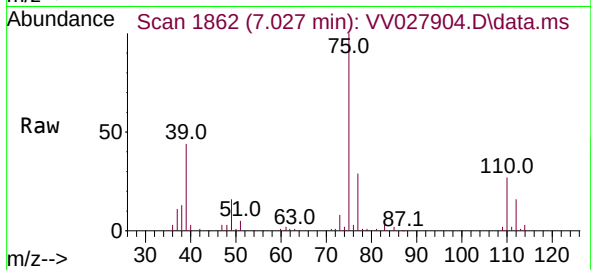




#39
 cis-1,3-Dichloropropene
 Concen: 5.342 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. 0.003 min
 Lab File: VV027904.D
 Acq: 17 Sep 2022 16:32

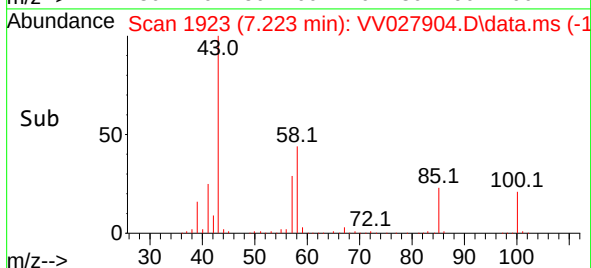
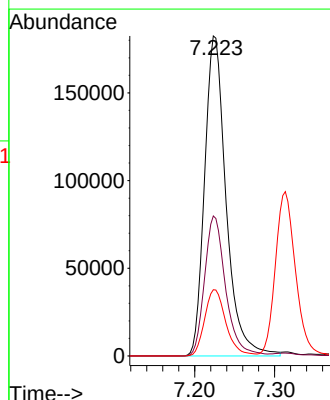
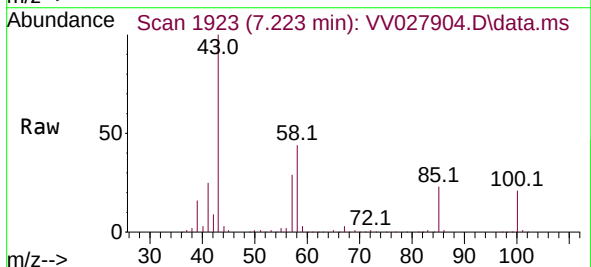
Instrument :
 MSVOA_V
 ClientSampleId :

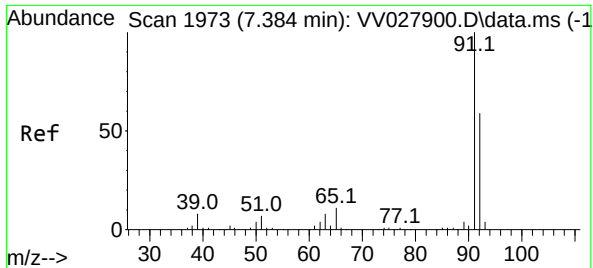
Tgt Ion: 75 Resp: 101918
 Ion Ratio Lower Upper
 75 100
 77 29.4 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 55.460 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. 0.000 min
 Lab File: VV027904.D
 Acq: 17 Sep 2022 16:32

Tgt Ion: 43 Resp: 341706
 Ion Ratio Lower Upper
 43 100
 58 42.9 30.9 46.3
 100 20.5 13.4 20.0#





#42

Toluene

Concen: 5.349 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV027904.D

Acq: 17 Sep 2022 16:32

Instrument :

MSVOA_V

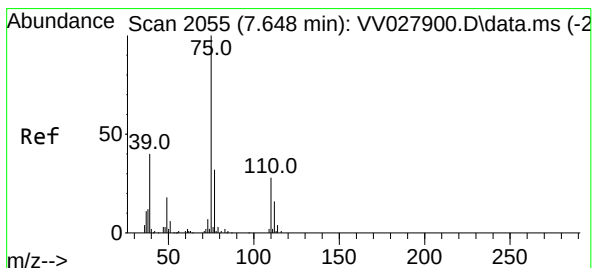
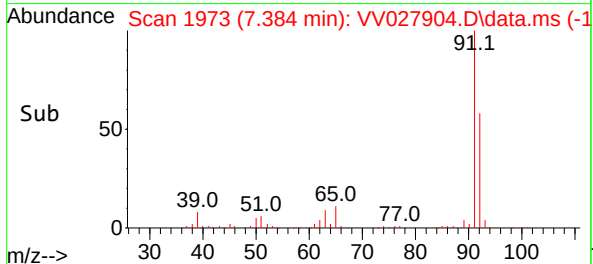
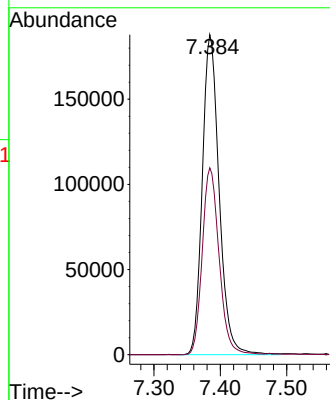
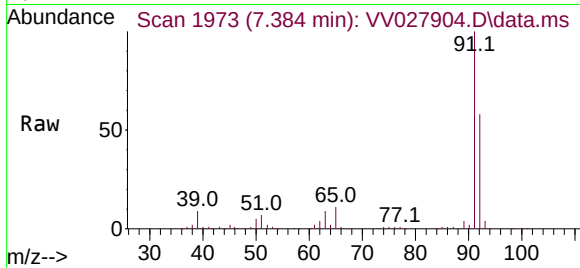
ClientSampleId :

Tgt Ion: 91 Resp: 330752

Ion Ratio Lower Upper

91 100

92 58.4 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.408 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV027904.D

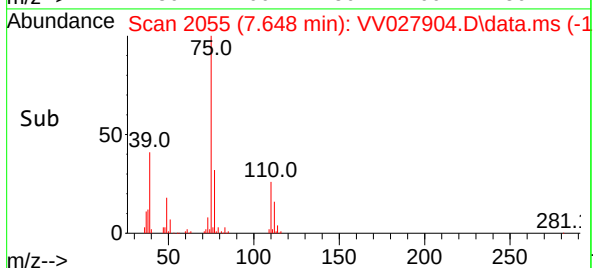
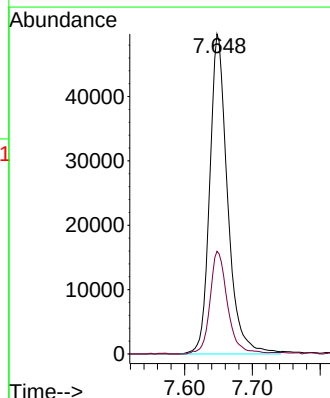
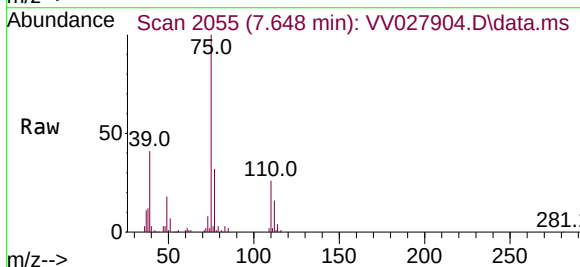
Acq: 17 Sep 2022 16:32

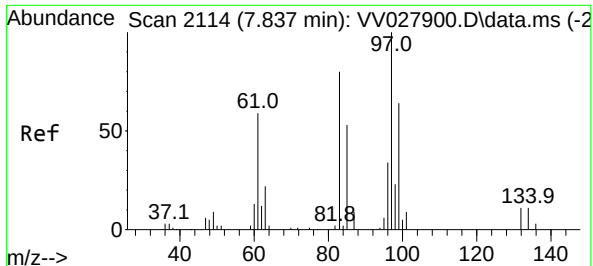
Tgt Ion: 75 Resp: 91172

Ion Ratio Lower Upper

75 100

77 32.1 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 5.356 ug/L

RT: 7.834 min Scan# 2114

Delta R.T. -0.003 min

Lab File: VV027904.D

Acq: 17 Sep 2022 16:32

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 52745

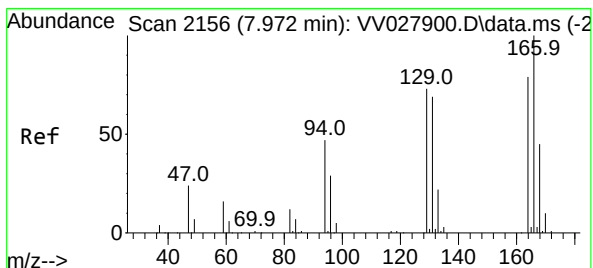
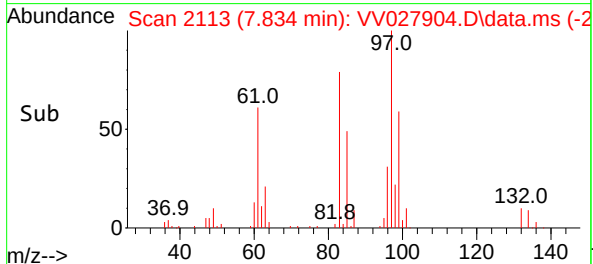
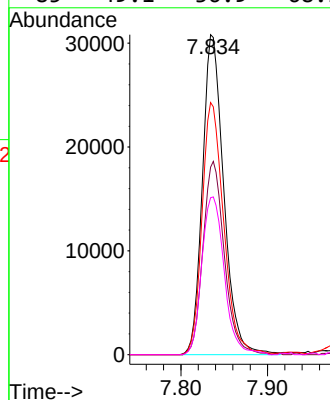
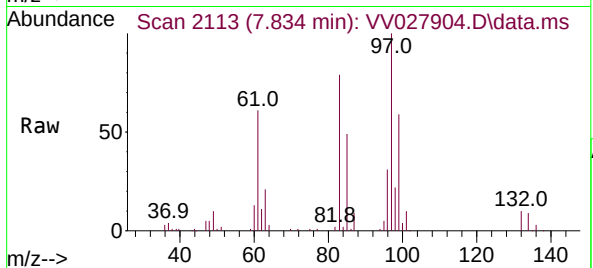
Ion Ratio Lower Upper

97 100

99 58.6 44.2 82.0

83 78.8 60.3 112.1

85 49.1 36.9 68.5



#47

Tetrachloroethene

Concen: 5.204 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV027904.D

Acq: 17 Sep 2022 16:32

Tgt Ion:164 Resp: 66135

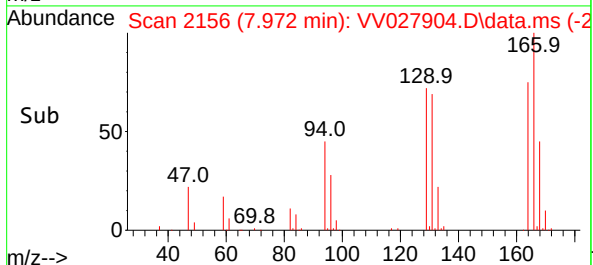
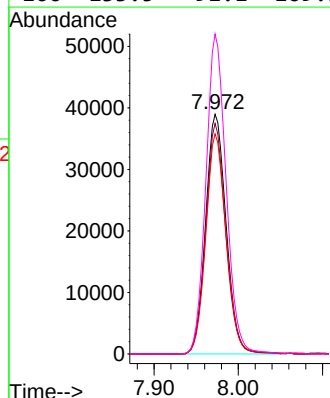
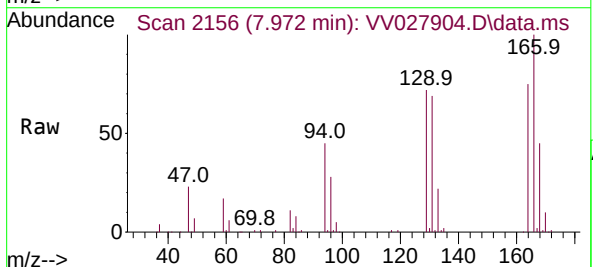
Ion Ratio Lower Upper

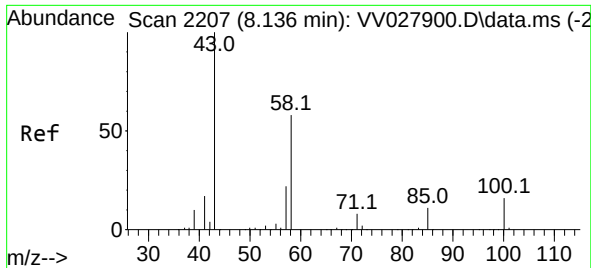
164 100

129 96.2 67.2 124.8

131 91.9 61.5 114.3

166 133.5 91.1 169.3

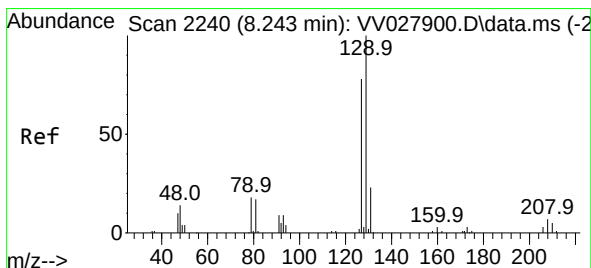
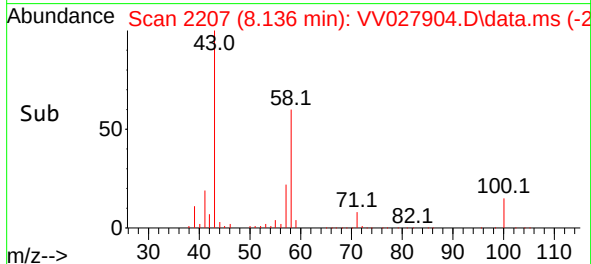
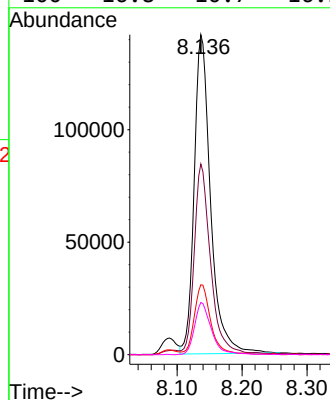
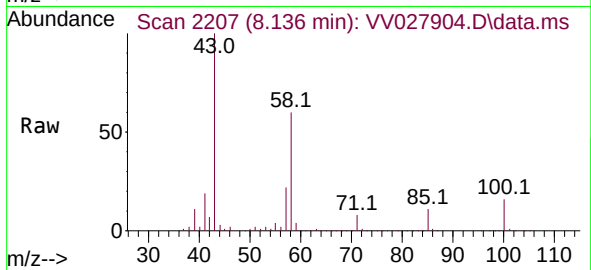




#48
2-Hexanone
Concen: 56.539 ug/L
RT: 8.136 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027904.D
Acq: 17 Sep 2022 16:32

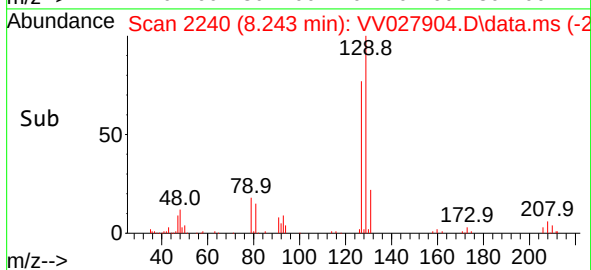
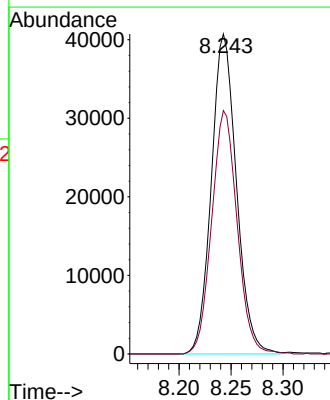
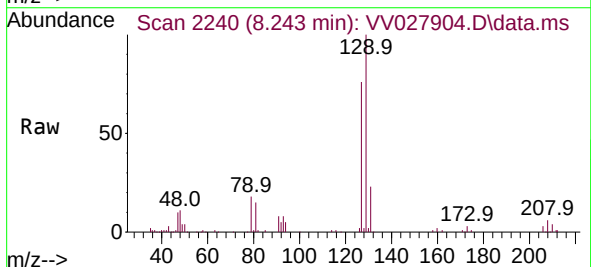
Instrument :
MSVOA_V
ClientSampleId :

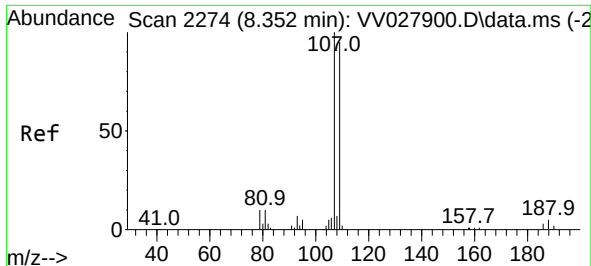
Tgt Ion: 43 Resp: 249979
Ion Ratio Lower Upper
43 100
58 57.8 43.2 64.8
57 21.9 15.6 23.4
100 16.8 10.7 16.1#



#49
Dibromochloromethane
Concen: 5.291 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV027904.D
Acq: 17 Sep 2022 16:32

Tgt Ion: 129 Resp: 68343
Ion Ratio Lower Upper
129 100
127 76.0 55.2 102.6





#50

1,2-Dibromoethane

Concen: 5.210 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV027904.D

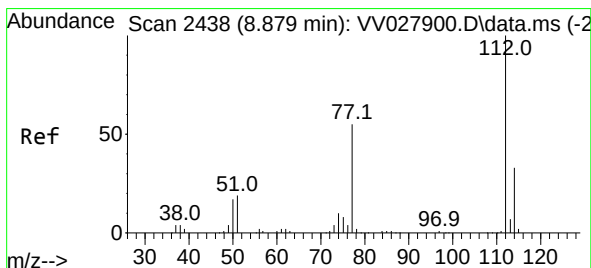
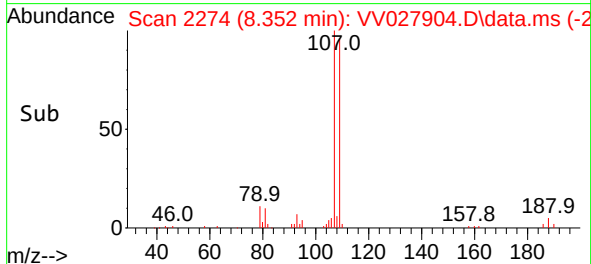
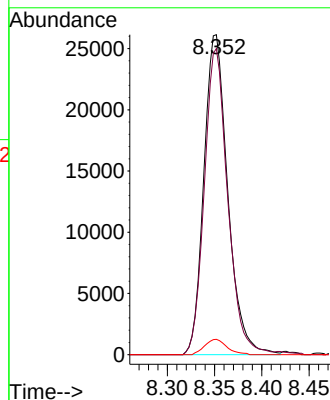
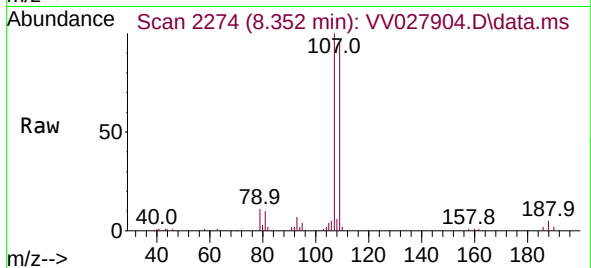
Acq: 17 Sep 2022 16:32

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	46007
Ion Ratio	Lower	Upper
107	100	
109	95.7	65.9 122.5
188	4.8	3.1 4.7#



#51

Chlorobenzene

Concen: 5.218 ug/L

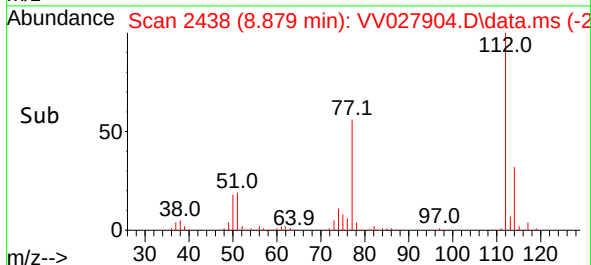
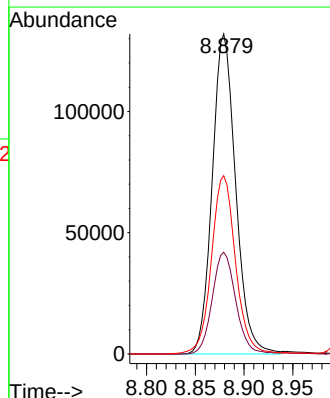
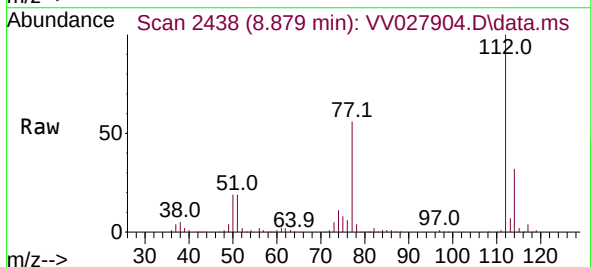
RT: 8.879 min Scan# 2438

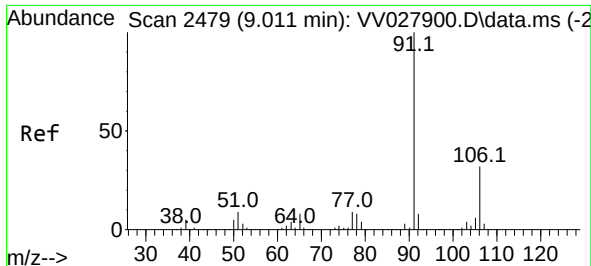
Delta R.T. 0.000 min

Lab File: VV027904.D

Acq: 17 Sep 2022 16:32

Tgt Ion:112	Resp:	220818
Ion Ratio	Lower	Upper
112	100	
114	31.8	21.7 40.3
77	55.7	45.3 67.9





#52

Ethylbenzene

Concen: 5.341 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV027904.D

Acq: 17 Sep 2022 16:32

Instrument :

MSVOA_V

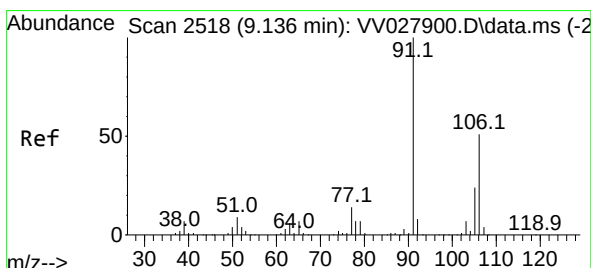
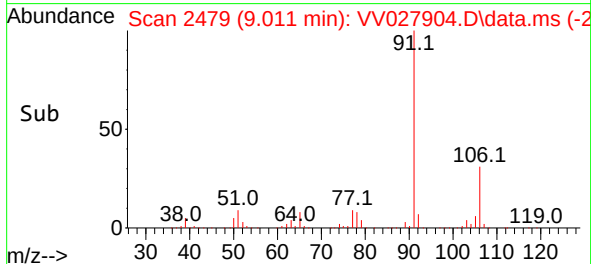
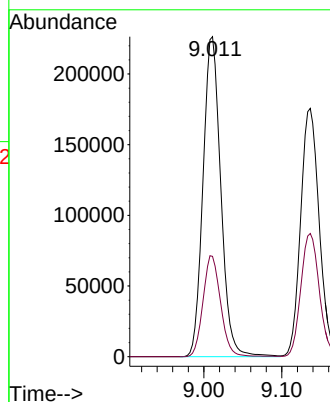
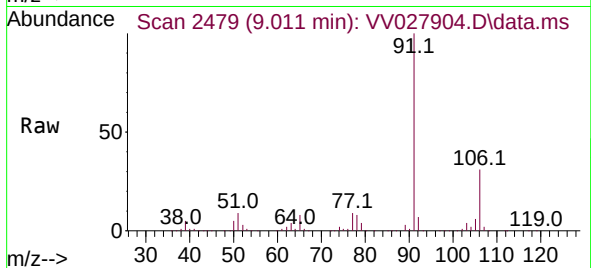
ClientSampleId :

Tgt Ion: 91 Resp: 359431

Ion Ratio Lower Upper

91 100

106 31.3 22.0 40.8



#53

m,p-Xylene

Concen: 5.435 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV027904.D

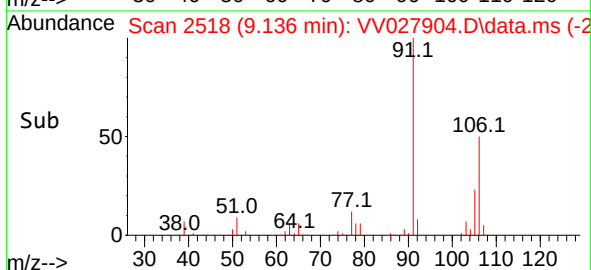
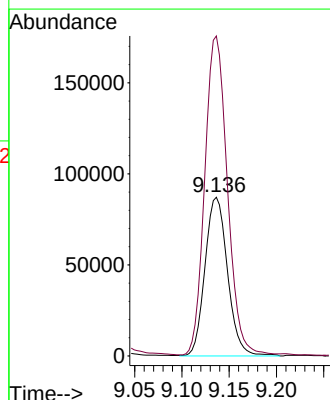
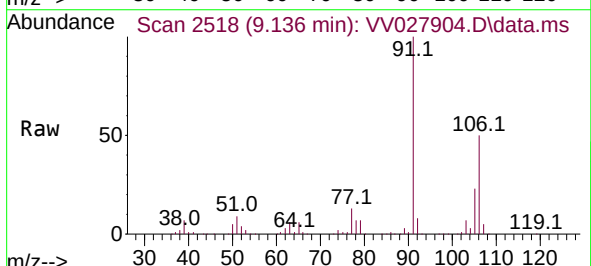
Acq: 17 Sep 2022 16:32

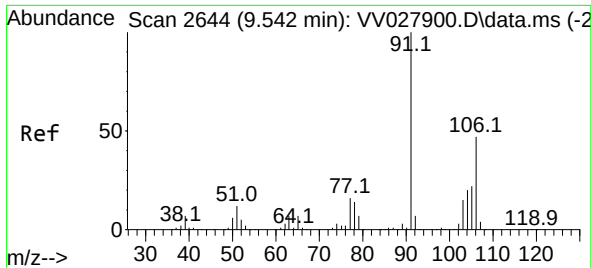
Tgt Ion: 106 Resp: 144880

Ion Ratio Lower Upper

106 100

91 201.6 142.4 264.4

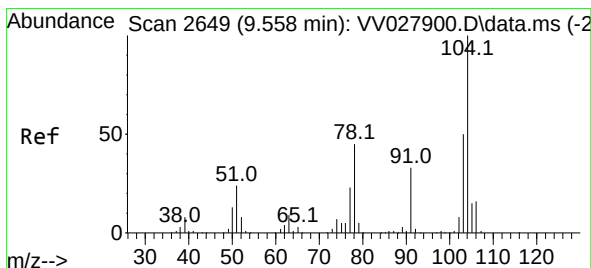
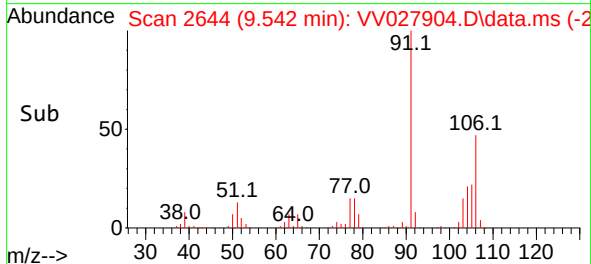
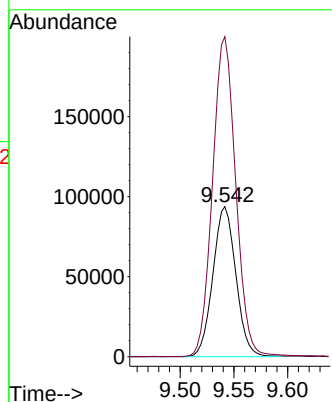
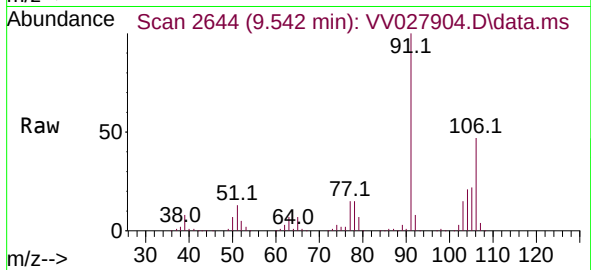




#54
o-Xylene
Concen: 5.380 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027904.D
Acq: 17 Sep 2022 16:32

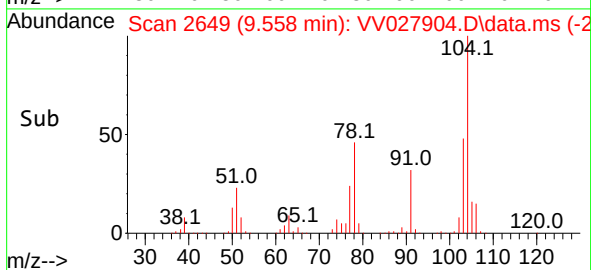
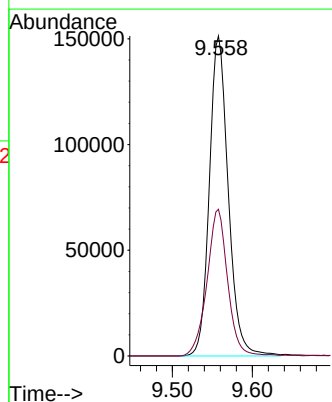
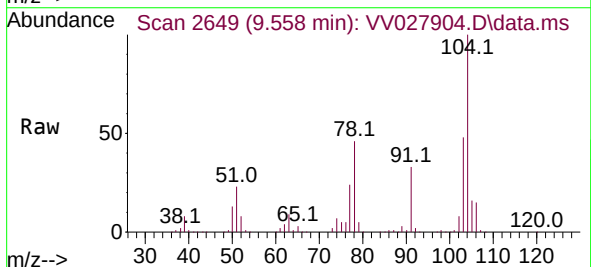
Instrument :
MSVOA_V
ClientSampleId :

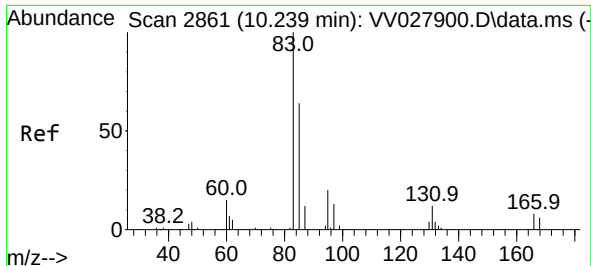
Tgt Ion:106 Resp: 139337
Ion Ratio Lower Upper
106 100
91 213.3 147.5 273.9



#55
Styrene
Concen: 5.556 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV027904.D
Acq: 17 Sep 2022 16:32

Tgt Ion:104 Resp: 248682
Ion Ratio Lower Upper
104 100
78 45.9 31.7 58.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.318 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV027904.D

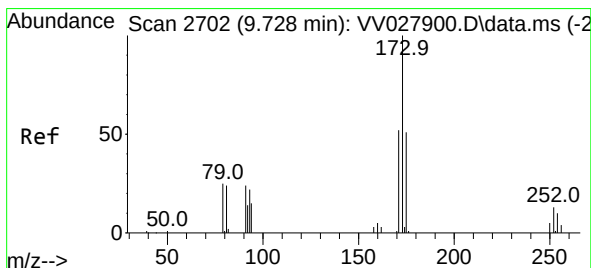
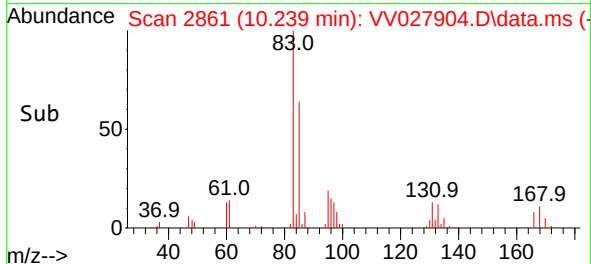
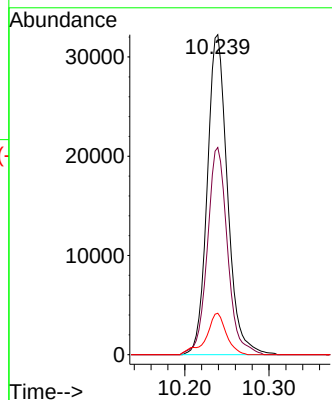
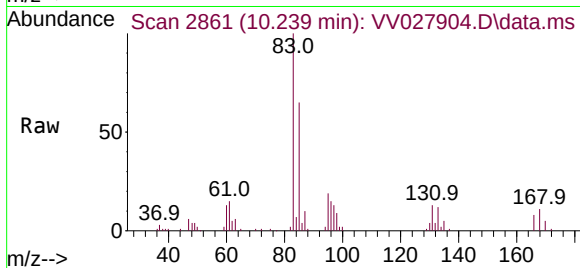
Acq: 17 Sep 2022 16:32

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	53755
Ion Ratio	Lower	Upper	
83	100		
85	64.8	44.7	83.1
131	13.0	8.5	12.7#



#59

Bromoform

Concen: 4.955 ug/L

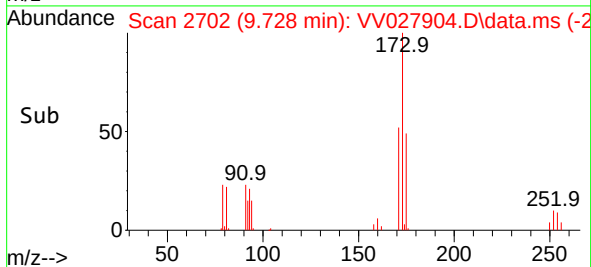
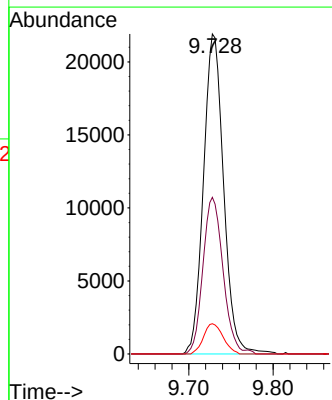
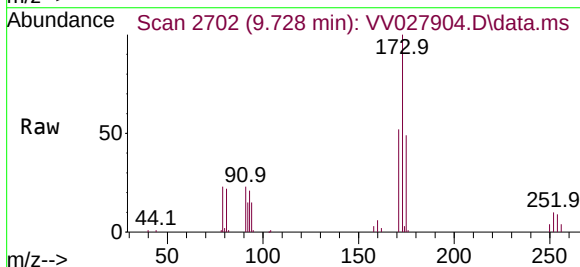
RT: 9.728 min Scan# 2702

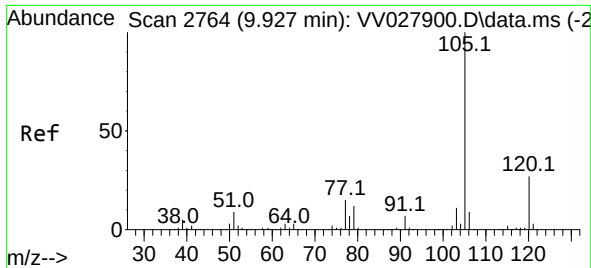
Delta R.T. 0.000 min

Lab File: VV027904.D

Acq: 17 Sep 2022 16:32

Tgt Ion:	173	Resp:	36517
Ion Ratio	Lower	Upper	
173	100		
175	48.9	38.4	57.6
254	9.2	6.8	10.2

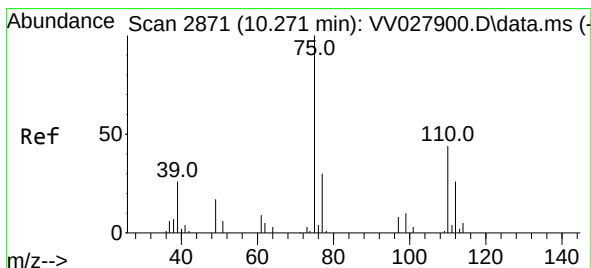
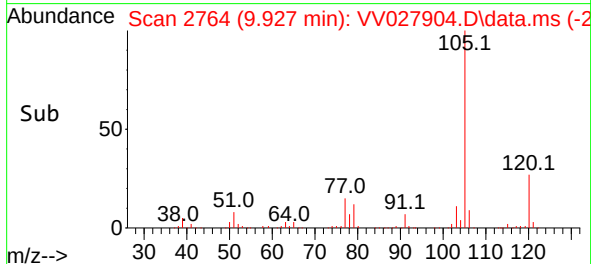
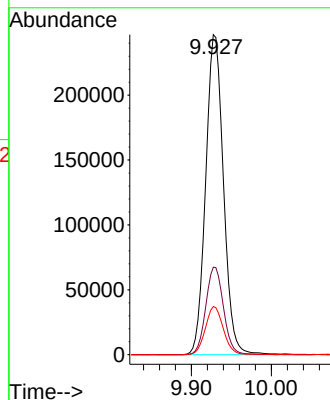
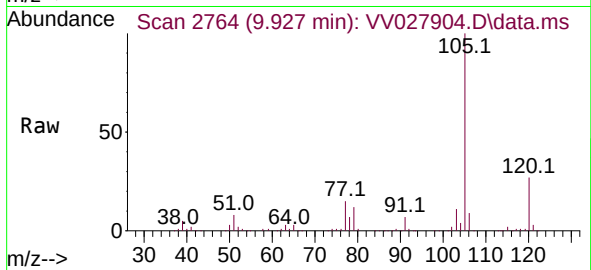




#60
Isopropylbenzene
Concen: 5.264 ug/L
RT: 9.927 min Scan# 2764
Delta R.T. 0.000 min
Lab File: VV027904.D
Acq: 17 Sep 2022 16:32

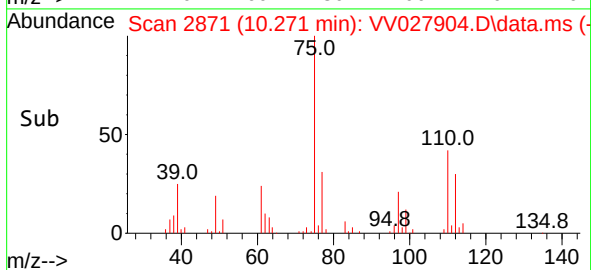
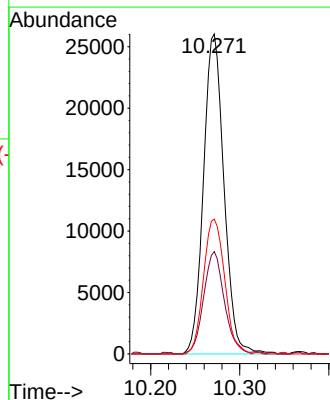
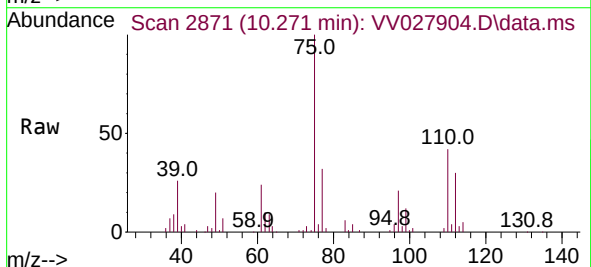
Instrument :
MSVOA_V
ClientSampleId :

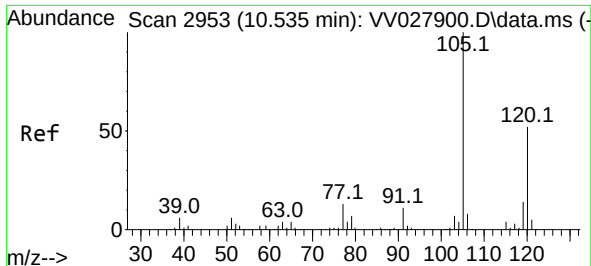
Tgt Ion:105 Resp: 382183
Ion Ratio Lower Upper
105 100
120 27.3 21.3 31.9
77 15.2 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 4.869 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027904.D
Acq: 17 Sep 2022 16:32

Tgt Ion: 75 Resp: 41590
Ion Ratio Lower Upper
75 100
77 32.3 27.6 41.4
110 43.5 35.6 53.4





#62

1,3,5-Trimethylbenzene

Concen: 5.224 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV027904.D

Acq: 17 Sep 2022 16:32

Instrument :

MSVOA_V

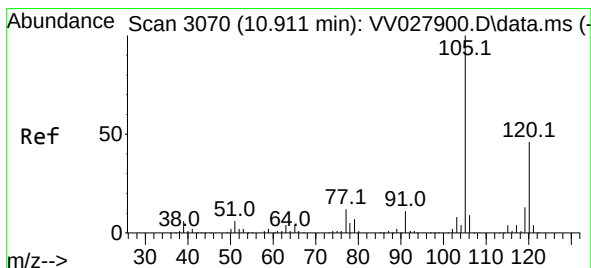
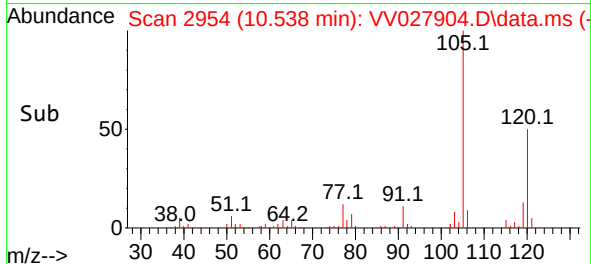
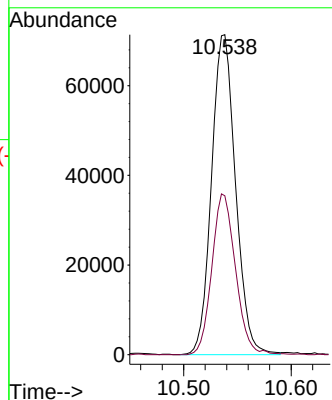
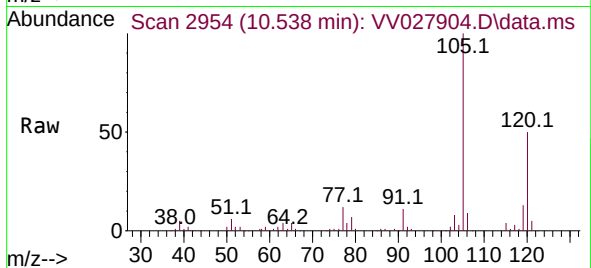
ClientSampleId :

Tgt Ion:105 Resp: 111075

Ion Ratio Lower Upper

105 100

120 49.4 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 5.277 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV027904.D

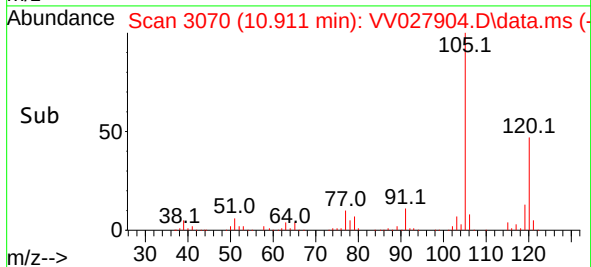
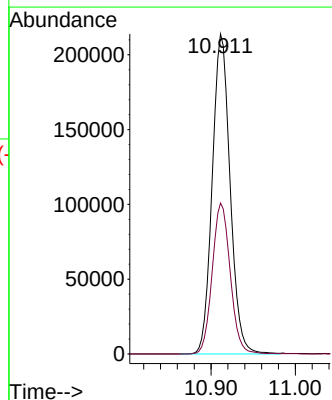
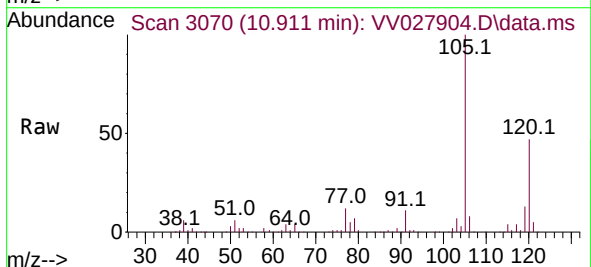
Acq: 17 Sep 2022 16:32

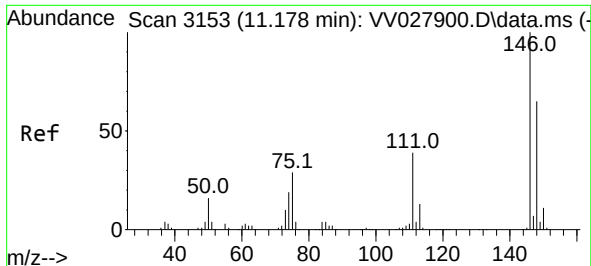
Tgt Ion:105 Resp: 315424

Ion Ratio Lower Upper

105 100

120 47.4 37.4 56.0

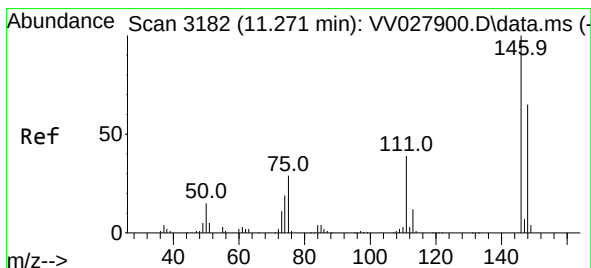
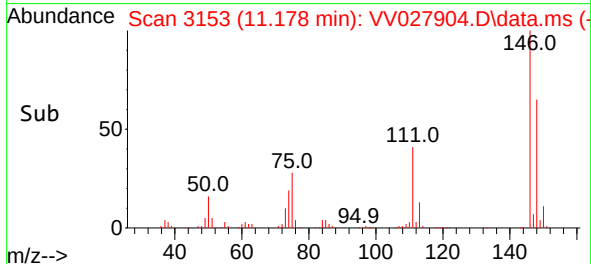
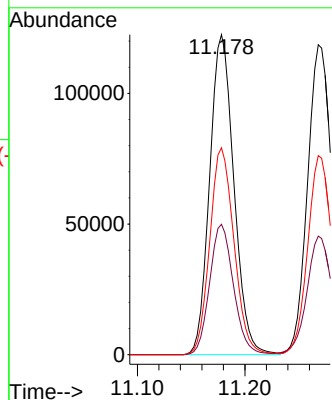
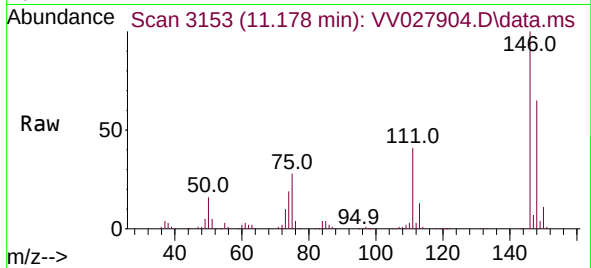




#64
1,3-Dichlorobenzene
Concen: 5.196 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV027904.D
Acq: 17 Sep 2022 16:32

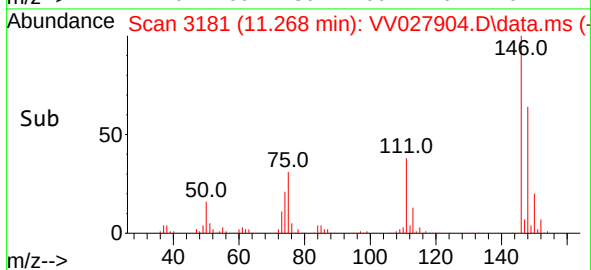
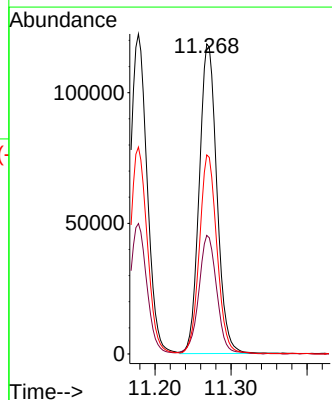
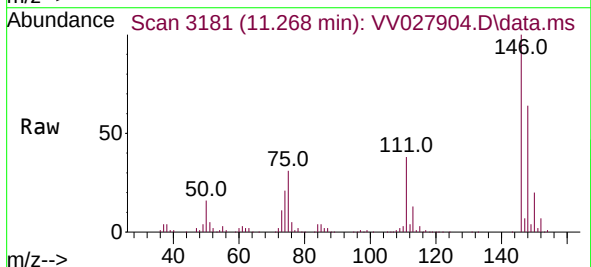
Instrument :
MSVOA_V
ClientSampleId :

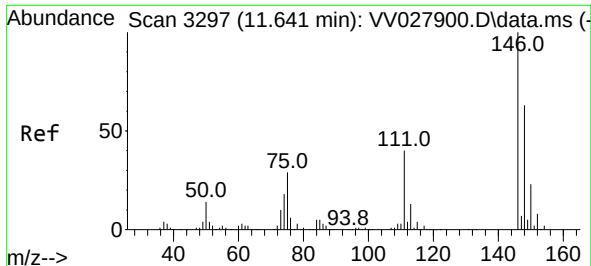
Tgt Ion:146 Resp: 191538
Ion Ratio Lower Upper
146 100
111 40.8 27.9 51.9
148 64.7 46.0 85.4



#65
1,4-Dichlorobenzene
Concen: 5.118 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.003 min
Lab File: VV027904.D
Acq: 17 Sep 2022 16:32

Tgt Ion:146 Resp: 191219
Ion Ratio Lower Upper
146 100
111 38.3 26.5 49.3
148 64.2 42.8 79.4





#67

1,2-Dichlorobenzene

Concen: 5.208 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV027904.D

Acq: 17 Sep 2022 16:32

Instrument :

MSVOA_V

ClientSampleId :

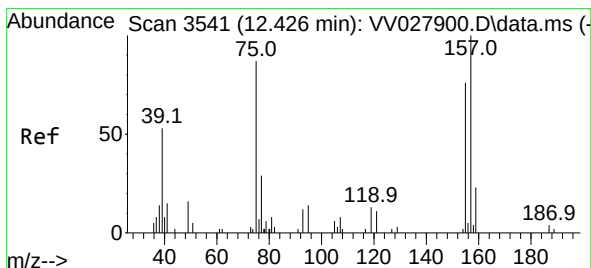
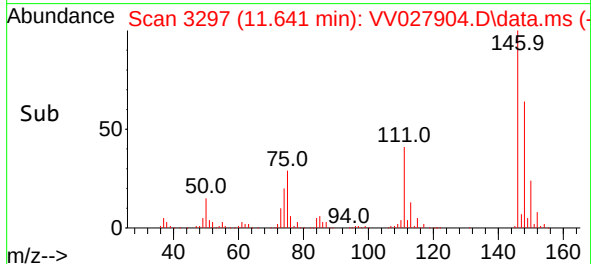
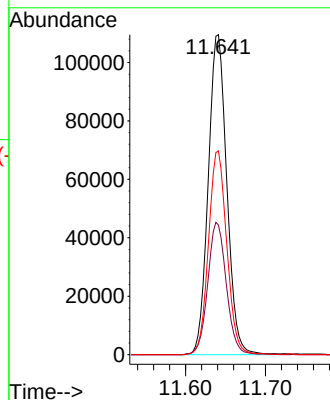
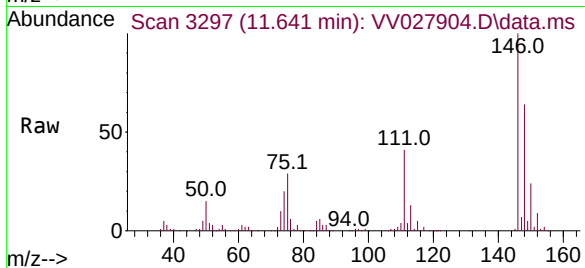
Tgt Ion:146 Resp: 176786

Ion Ratio Lower Upper

146 100

111 40.5 33.1 49.7

148 63.7 49.8 74.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.153 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV027904.D

Acq: 17 Sep 2022 16:32

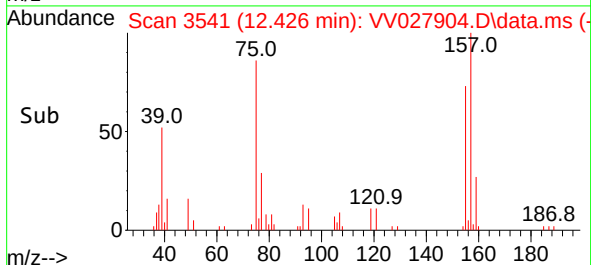
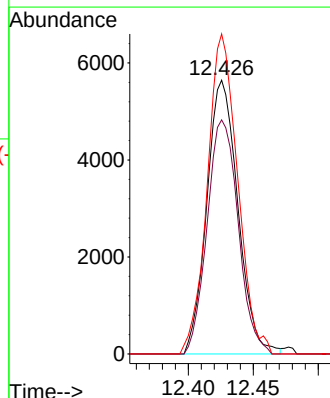
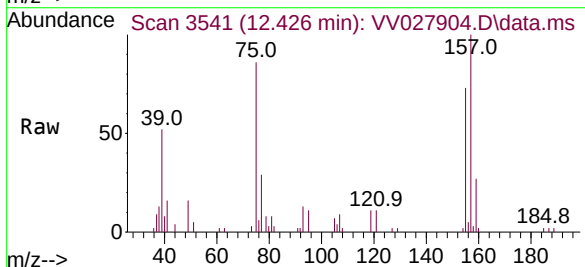
Tgt Ion: 75 Resp: 9388

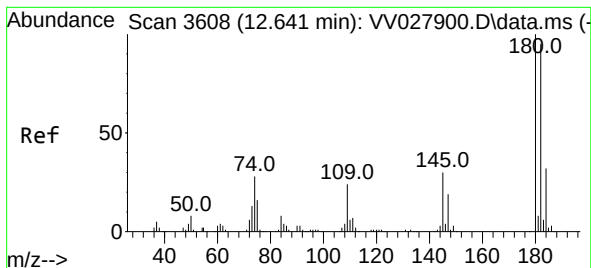
Ion Ratio Lower Upper

75 100

155 85.5 71.9 107.9

157 116.9 95.1 142.7





#69

1,3,5-Trichlorobenzene

Concen: 5.264 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. 0.000 min

Lab File: VV027904.D

Acq: 17 Sep 2022 16:32

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 157240

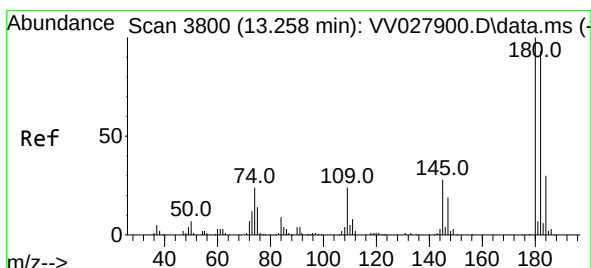
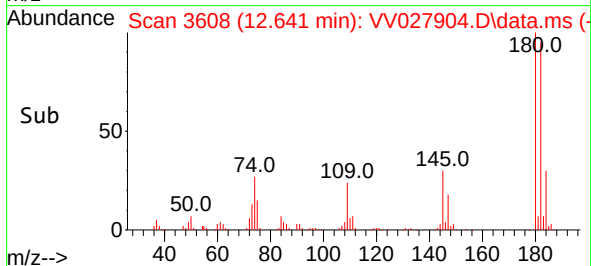
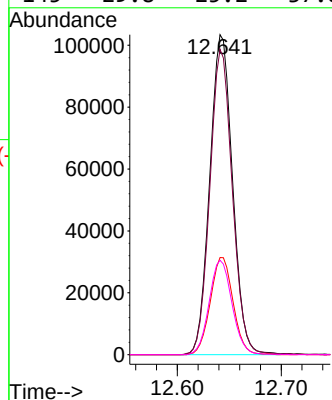
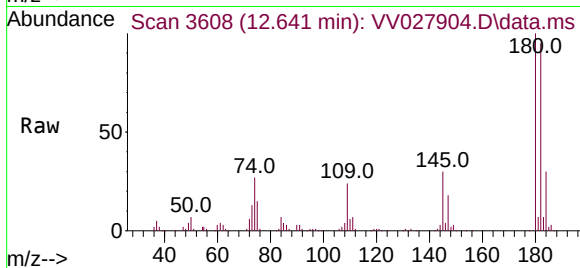
Ion Ratio Lower Upper

180 100

182 94.3 75.8 113.8

184 30.4 23.8 35.6

145 29.8 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 5.377 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV027904.D

Acq: 17 Sep 2022 16:32

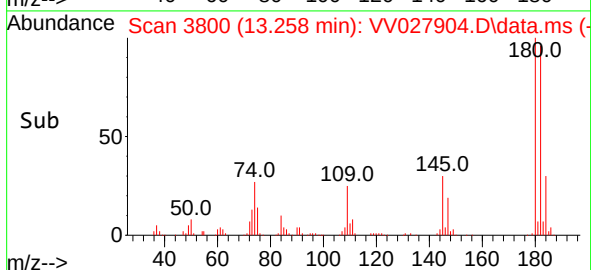
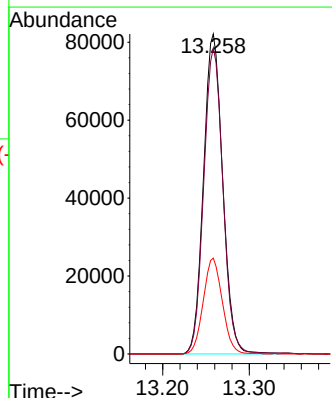
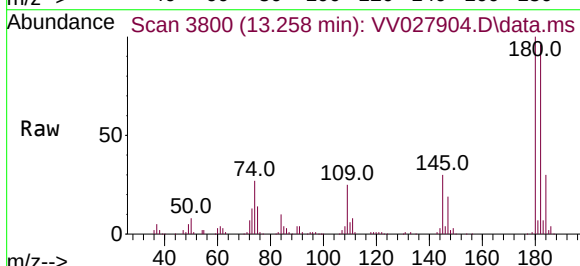
Tgt Ion:180 Resp: 126471

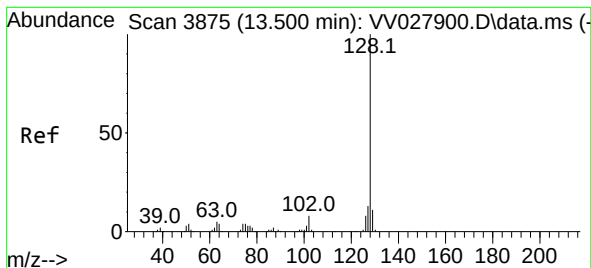
Ion Ratio Lower Upper

180 100

182 95.4 76.6 114.8

145 29.8 24.6 37.0





#71

Naphthalene

Concen: 5.455 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV027904.D

Acq: 17 Sep 2022 16:32

Instrument :

MSVOA_V

ClientSampleId :

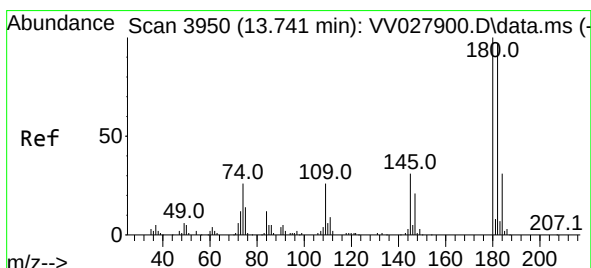
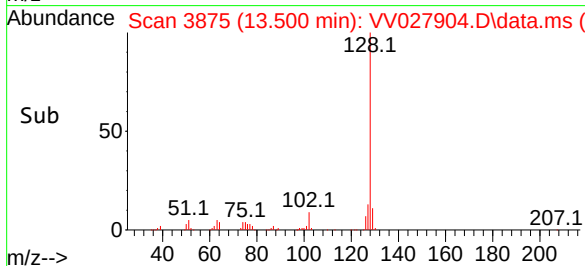
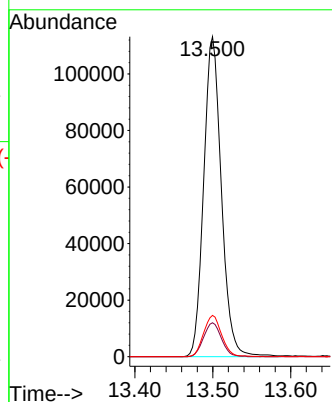
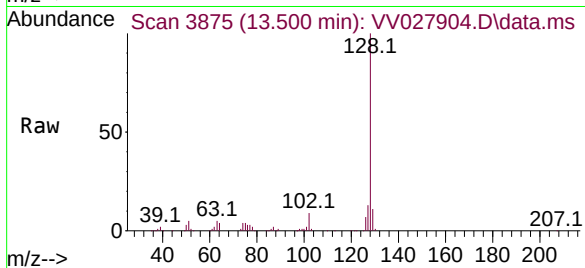
Tgt Ion:128 Resp: 178350

Ion Ratio Lower Upper

128 100

129 10.7 9.2 13.8

127 13.2 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 5.288 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV027904.D

Acq: 17 Sep 2022 16:32

Tgt Ion:180 Resp: 105887

Ion Ratio Lower Upper

180 100

182 96.4 76.5 114.7

145 32.4 26.5 39.7

