

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
 Data File : VW023395.D
 Acq On : 11 Nov 2021 18:11
 Operator : SY/MD
 Sample : M4580-04MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 12 02:07:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 12 02:02:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	131050	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	127008	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67559	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	30401	3.703	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.564	69	26162	3.910	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.200%
11) 1,1-Dichloroethene-d2	2.108	63	62495	4.066	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	3.905	46	48709	34.438	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.880%
24) Chloroform-d	4.352	84	69356	3.964	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
26) 1,2-Dichloroethane-d4	5.034	65	32884	4.180	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
32) Benzene-d6	5.050	84	133195	4.087	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	6.069	67	38583	4.022	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.400%
41) Toluene-d8	7.317	98	130052	4.259	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	7.625	79	14859	4.085	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.092	63	59749	44.645	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.280%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28486	4.129	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	46706	4.152	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	58184	4.553	ug/L	99
3) Chloromethane	1.240	50	50455	4.644	ug/L	98
5) Vinyl chloride	1.307	62	50627	4.666	ug/L	99
6) Bromomethane	1.519	94	30342	4.375	ug/L	100
8) Chloroethane	1.584	64	30163	4.817	ug/L	97
9) Trichlorofluoromethane	1.751	101	76872	4.715	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	38773	4.724	ug/L	97
12) 1,1-Dichloroethene	2.118	96	36724	4.699	ug/L	84
13) Acetone	2.191	43	35467	41.039	ug/L	85
14) Carbon disulfide	2.294	76	133641	4.532	ug/L	99
15) Methyl Acetate	2.442	43	9956	4.070	ug/L	98
16) Methylene chloride	2.507	84	43437	3.809	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	87058	5.061	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	46240	4.813	ug/L	98
19) 1,1-Dichloroethane	3.188	63	79504	4.902	ug/L	97
21) 2-Butanone	3.986	43	57595	41.220	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	45662	4.939	ug/L	# 88
23) Bromochloromethane	4.249	128	20409	4.787	ug/L	82
25) Chloroform	4.378	83	85240	4.930	ug/L	94

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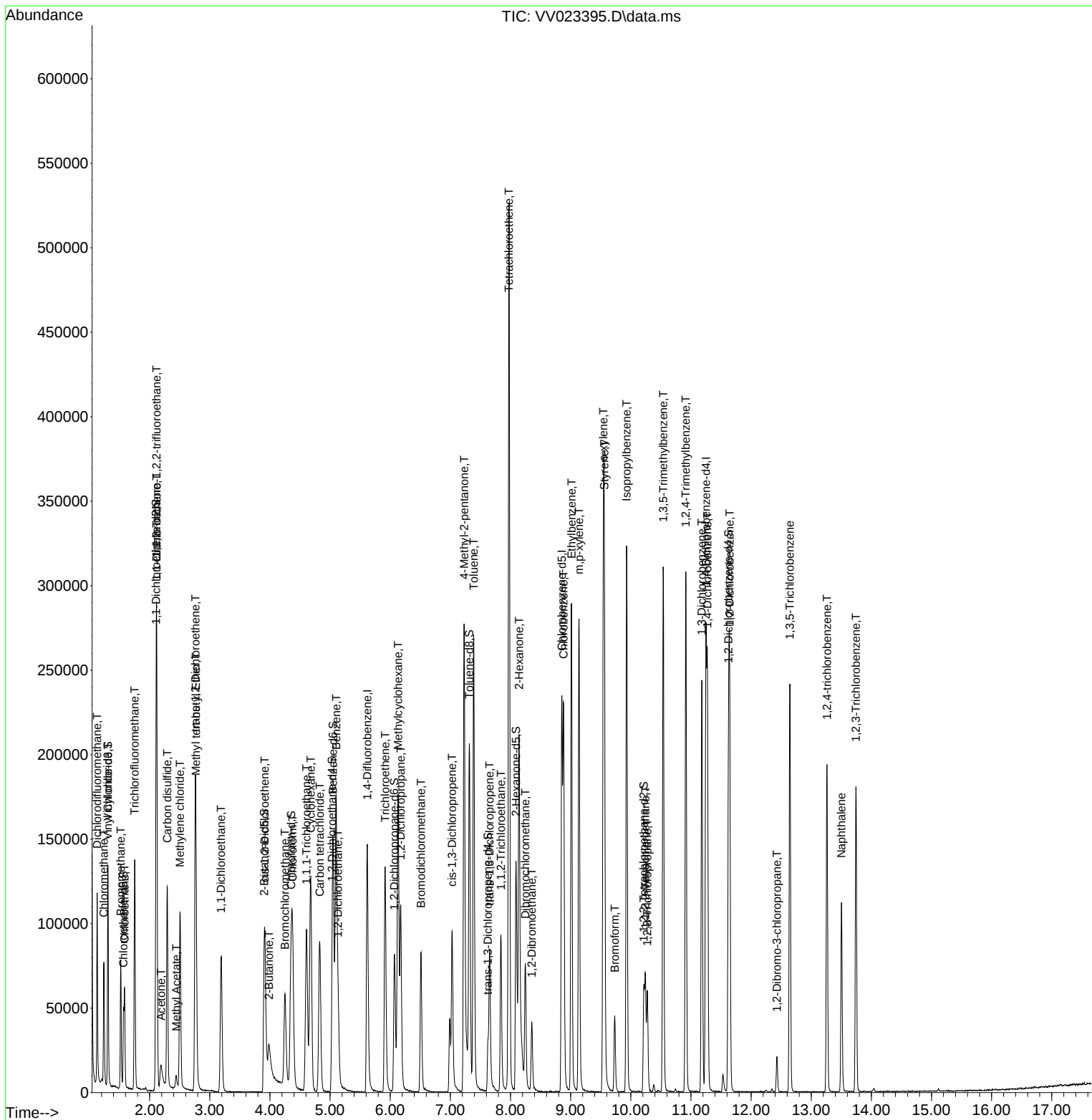
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 ClientSampleId :

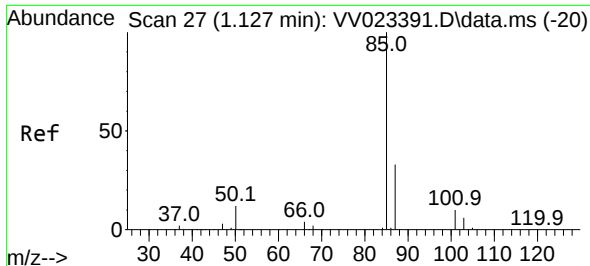
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 12 02:02:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	45772	4.977	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	76509	4.960	ug/L	100
30) Cyclohexane	4.677	56	66169	4.787	ug/L	96
31) Carbon tetrachloride	4.828	117	68390	4.937	ug/L	98
33) Benzene	5.101	78	176297	4.966	ug/L	100
34) Trichloroethene	5.915	95	46179	4.892	ug/L	95
35) Methylcyclohexane	6.130	83	69874	4.689	ug/L	96
37) 1,2-Dichloropropane	6.175	63	40180	4.848	ug/L	98
38) Bromodichloromethane	6.513	83	55587	5.005	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	58630	4.919	ug/L	96
40) 4-Methyl-2-pentanone	7.230	43	217475	56.581	ug/L	99
42) Toluene	7.387	91	197471	5.201	ug/L	96
44) trans-1,3-Dichloropropene	7.651	75	50442	5.100	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	29524	4.958	ug/L	98
47) Tetrachloroethene	7.976	164	116017	14.181	ug/L	98
48) 2-Hexanone	8.143	43	156555	58.128	ug/L	99
49) Dibromochloromethane	8.246	129	38395	5.089	ug/L	100
50) 1,2-Dibromoethane	8.355	107	27875	5.051	ug/L	100
51) Chlorobenzene	8.883	112	122554	4.856	ug/L	99
52) Ethylbenzene	9.014	91	200083	4.996	ug/L	99
53) m,p-xylene	9.140	106	79562	5.062	ug/L	96
54) o-xylene	9.545	106	75853	5.145	ug/L	100
55) Styrene	9.561	104	129428	5.124	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.243	83	32014	4.907	ug/L	98
59) Bromoform	9.735	173	21143	5.240	ug/L #	97
60) Isopropylbenzene	9.931	105	202099	5.213	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	23564	5.251	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	167725	5.218	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	168345	5.262	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	99479	5.022	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	100026	4.944	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	89815	5.067	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4872	5.096	ug/L	85
69) 1,3,5-Trichlorobenzene	12.644	180	74811	4.824	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	57936	4.665	ug/L	100
71) Naphthalene	13.503	128	86804	4.740	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	53577	4.930	ug/L	99

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

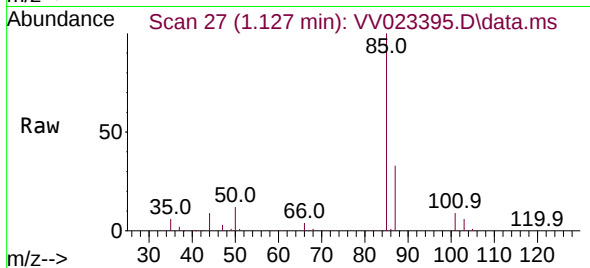
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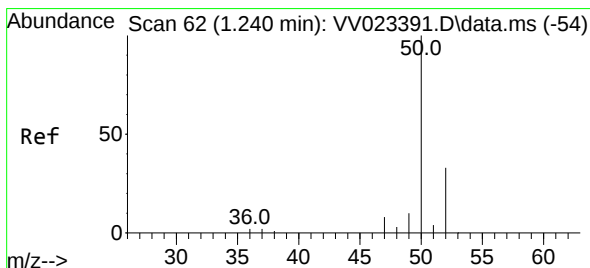
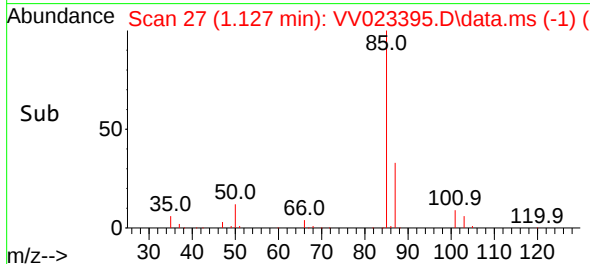
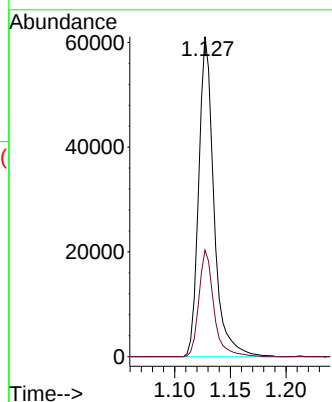


#2
 Dichlorodifluoromethane
 Concen: 4.553 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023395.D
 Acq: 11 Nov 2021 18:11

Instrument :
 MSVOA_V
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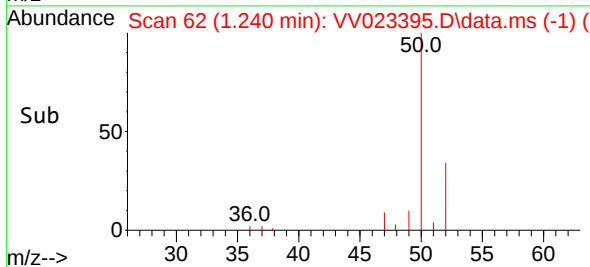
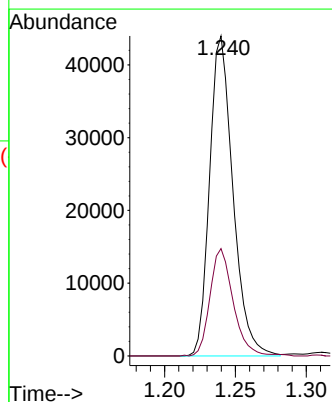
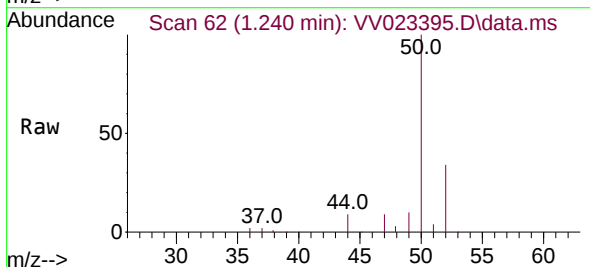


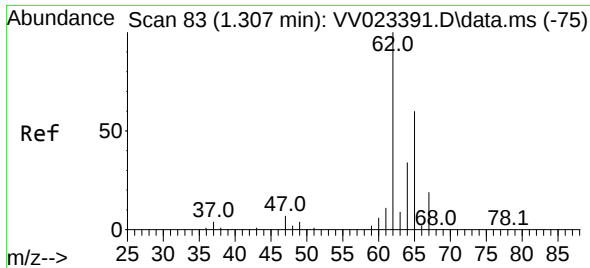
Tgt Ion: 85 Resp: 58184
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.6 39.8



#3
 Chloromethane
 Concen: 4.644 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023395.D
 Acq: 11 Nov 2021 18:11

Tgt Ion: 50 Resp: 50455
 Ion Ratio Lower Upper
 50 100
 52 33.6 24.3 45.1

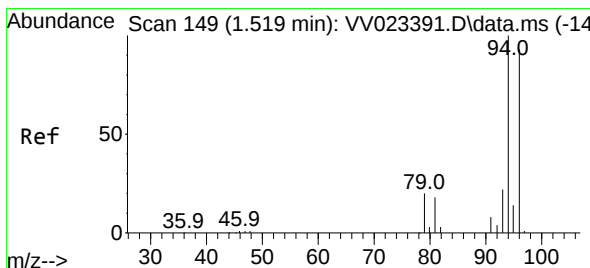
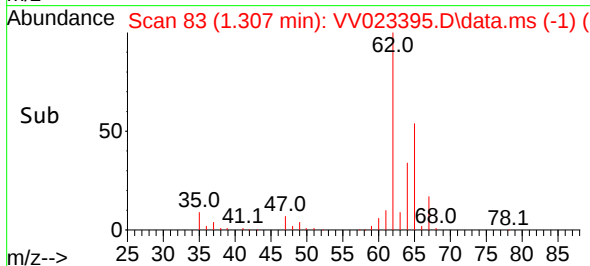
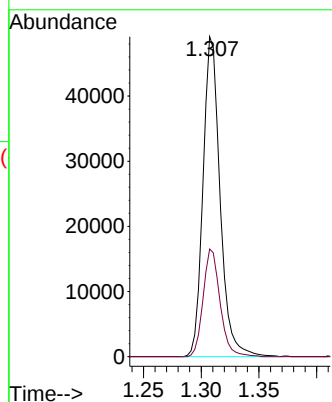
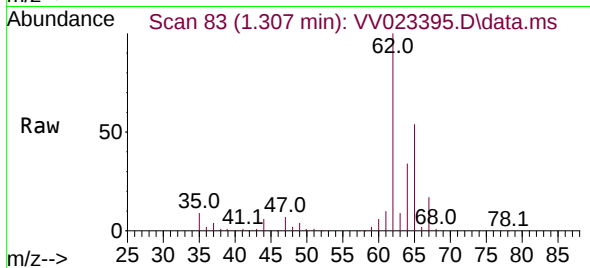




#5
 Vinyl chloride
 Concen: 4.666 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV023395.D
 Acq: 11 Nov 2021 18:11

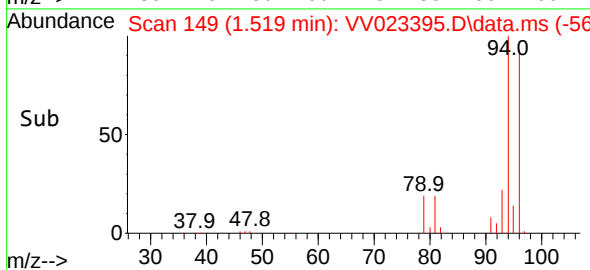
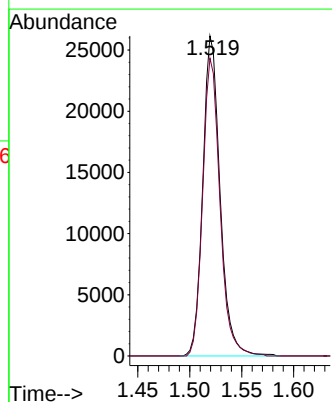
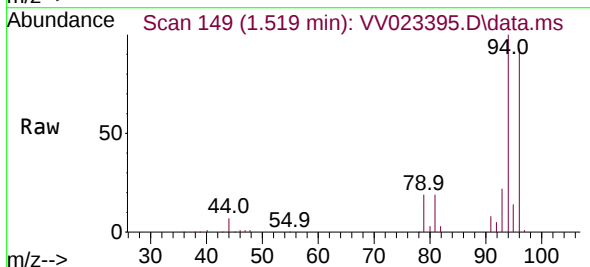
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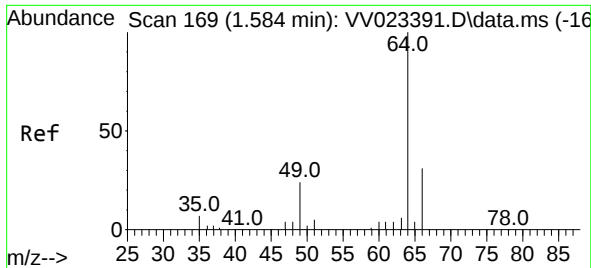
Tgt Ion: 62 Resp: 50627
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.1 42.9



#6
 Bromomethane
 Concen: 4.375 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV023395.D
 Acq: 11 Nov 2021 18:11

Tgt Ion: 94 Resp: 30342
 Ion Ratio Lower Upper
 94 100
 96 93.1 65.0 120.8

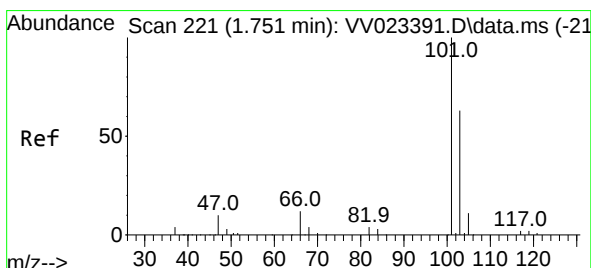
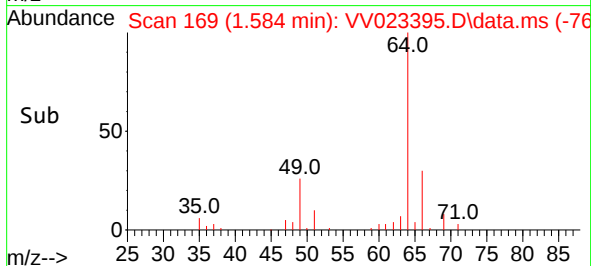
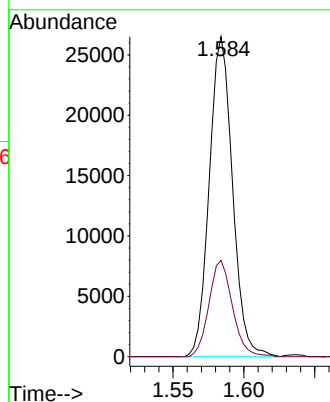
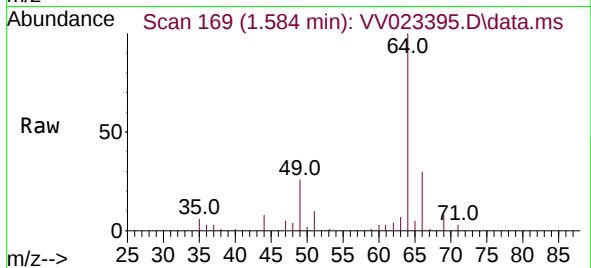




#8
Chloroethane
Concen: 4.817 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV023395.D
Acq: 11 Nov 2021 18:11

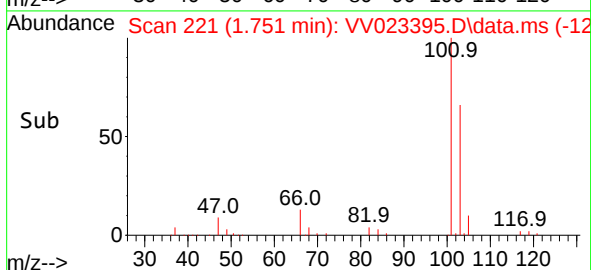
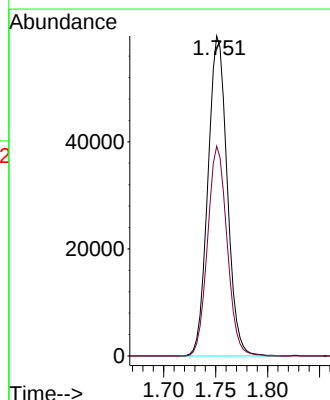
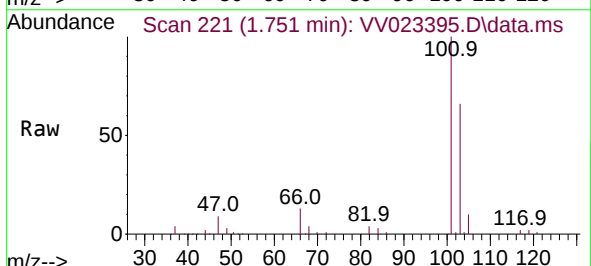
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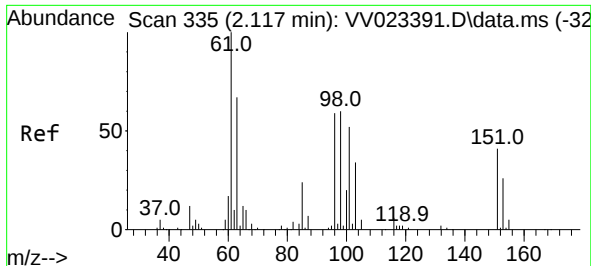
Tgt Ion: 64 Resp: 30163
Ion Ratio Lower Upper
64 100
66 30.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.715 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV023395.D
Acq: 11 Nov 2021 18:11

Tgt Ion:101 Resp: 76872
Ion Ratio Lower Upper
101 100
103 66.4 52.6 79.0

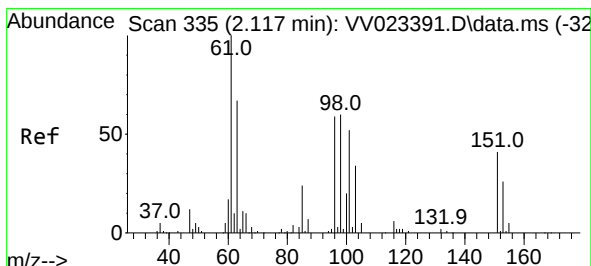
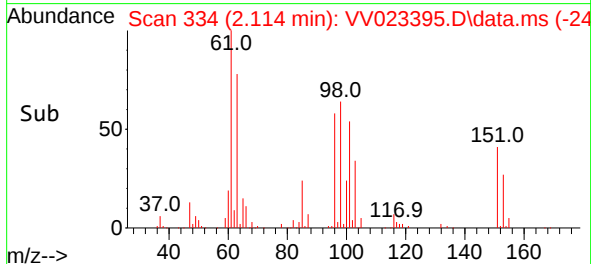
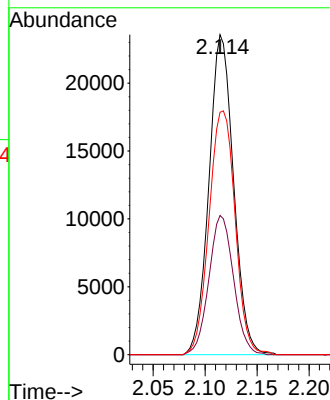
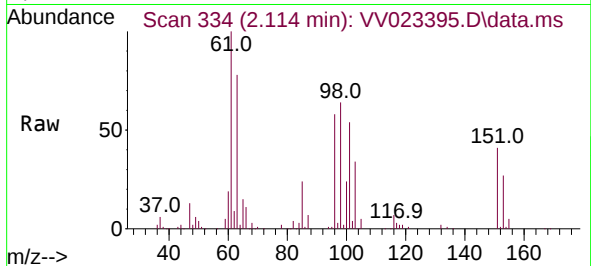




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.724 ug/L
RT: 2.114 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV023395.D
Acq: 11 Nov 2021 18:11

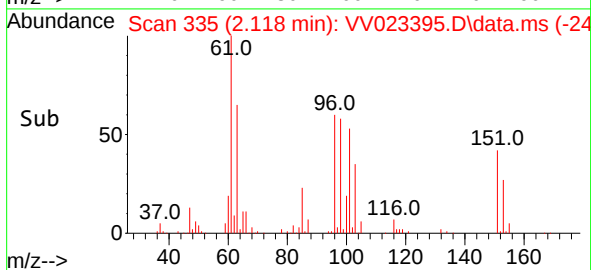
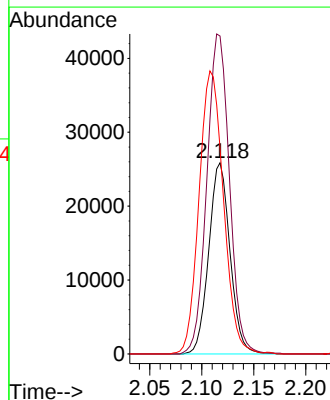
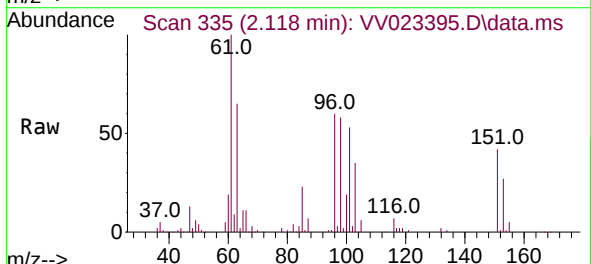
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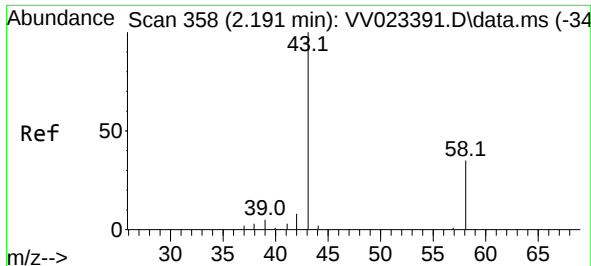
Tgt Ion:101 Resp: 38773
Ion Ratio Lower Upper
101 100
85 43.5 35.3 52.9
151 80.8 62.2 93.2



#12
1,1-Dichloroethene
Concen: 4.699 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV023395.D
Acq: 11 Nov 2021 18:11

Tgt Ion: 96 Resp: 36724
Ion Ratio Lower Upper
96 100
61 166.3 121.5 225.7
63 107.6 99.6 185.0





#13

Acetone

Concen: 41.039 ug/L

RT: 2.191 min Scan# 358

Delta R.T. 0.000 min

Lab File: VV023395.D

Acq: 11 Nov 2021 18:11

Instrument :

MSVOA_V

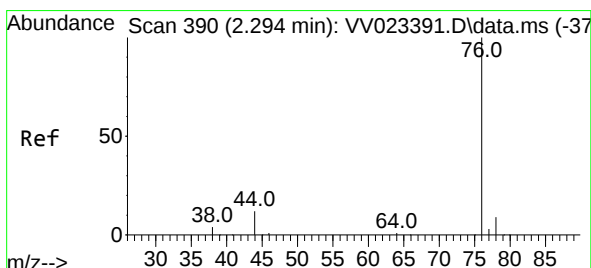
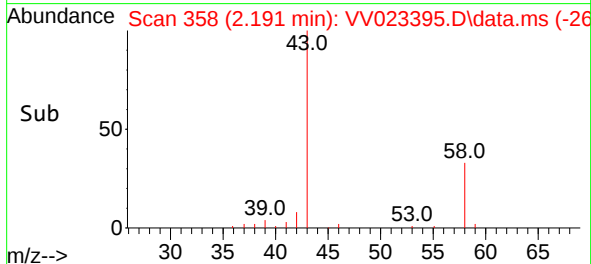
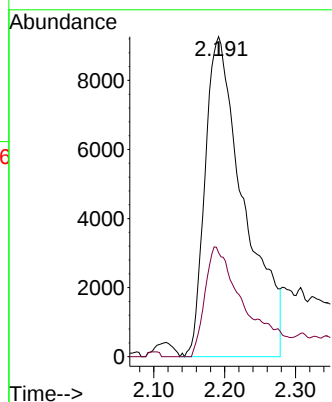
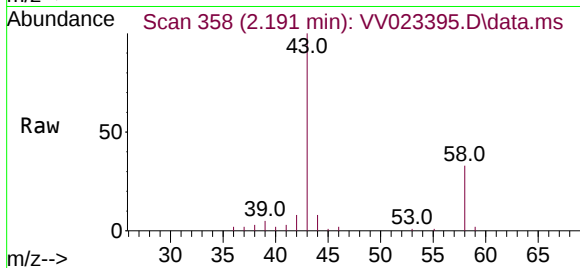
ClientSampleId :

Tgt Ion: 43 Resp: 35467

Ion Ratio Lower Upper

43 100

58 35.7 0.0 55.4



#14

Carbon disulfide

Concen: 4.532 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV023395.D

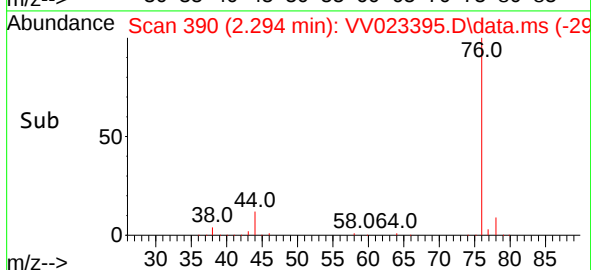
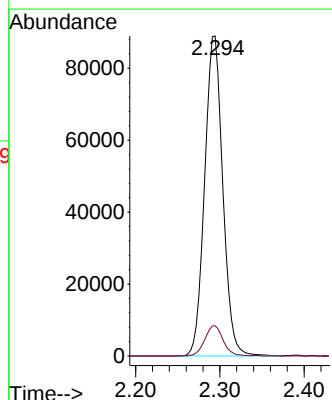
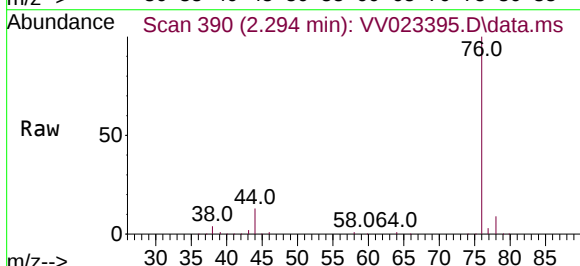
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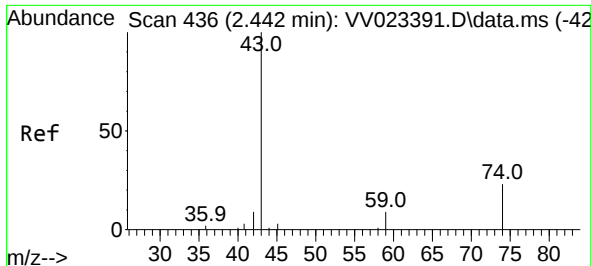
Tgt Ion: 76 Resp: 133641

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8

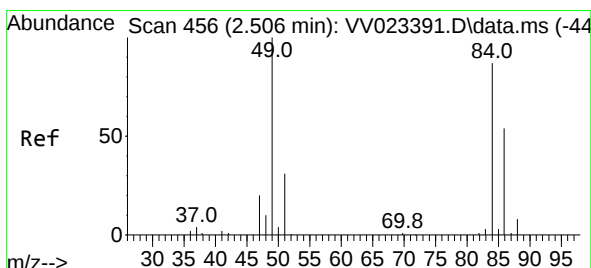
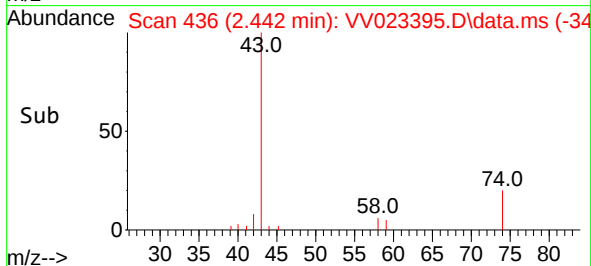
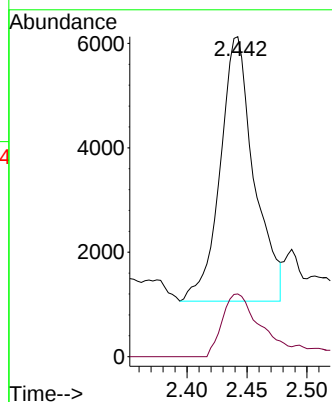
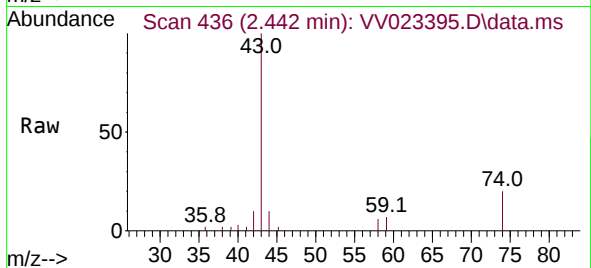




#15
Methyl Acetate
Concen: 4.070 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV023395.D
Acq: 11 Nov 2021 18:11

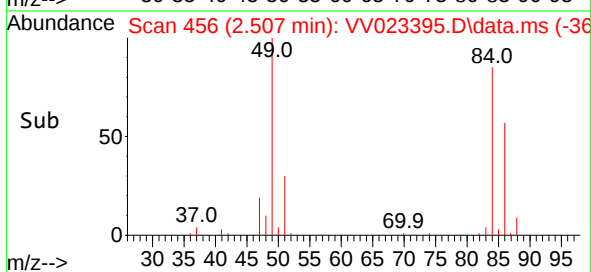
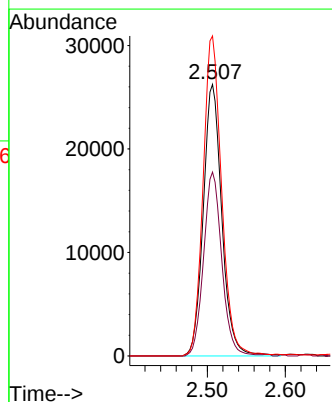
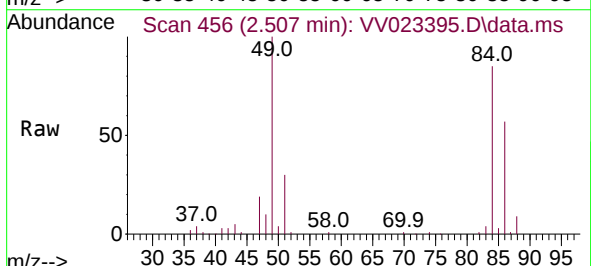
Instrument :
MSVOA_V
ClientSampleId :

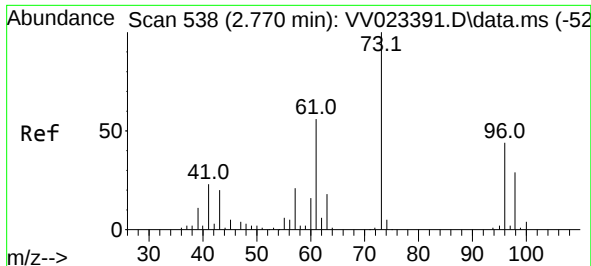
Tgt Ion: 43 Resp: 9956
Ion Ratio Lower Upper
43 100
74 26.6 22.2 33.2



#16
Methylene chloride
Concen: 3.809 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV023395.D
Acq: 11 Nov 2021 18:11

Tgt Ion: 84 Resp: 43437
Ion Ratio Lower Upper
84 100
86 67.7 42.3 78.5
49 117.8 79.7 148.1

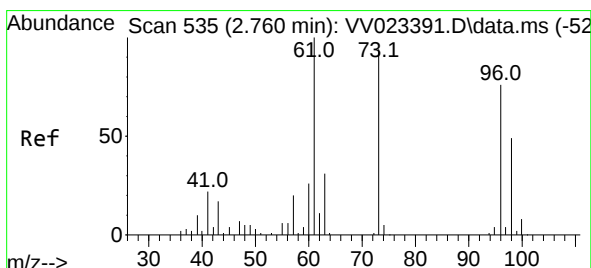
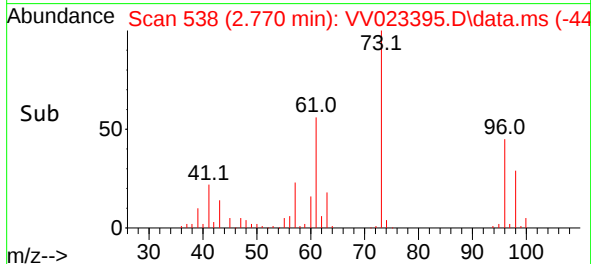
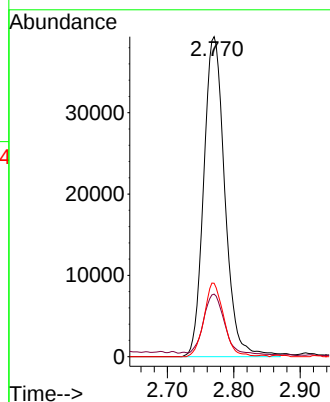
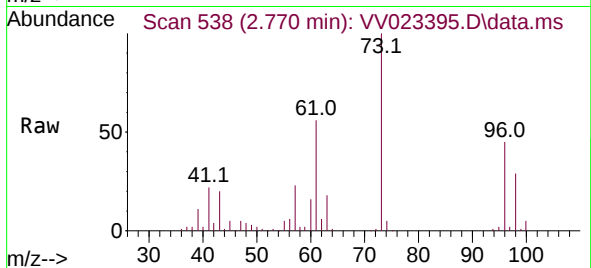




#17
Methyl tert-butyl Ether
Concen: 5.061 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV023395.D
Acq: 11 Nov 2021 18:11

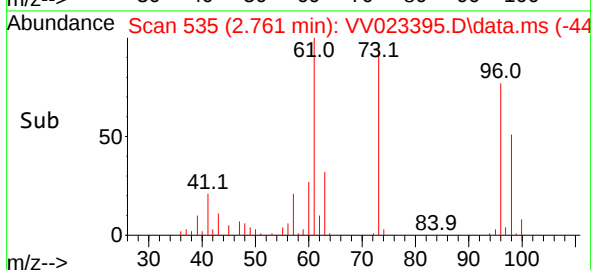
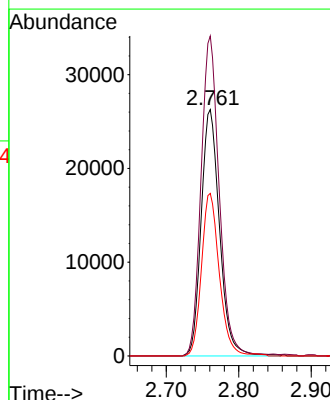
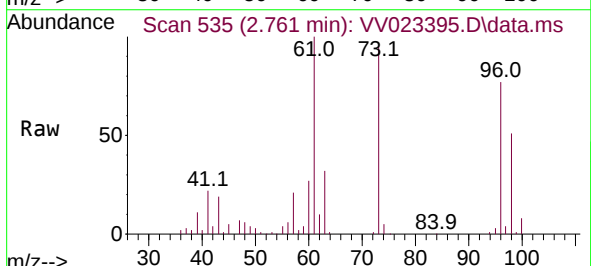
Instrument :
MSVOA_V
ClientSampleId :

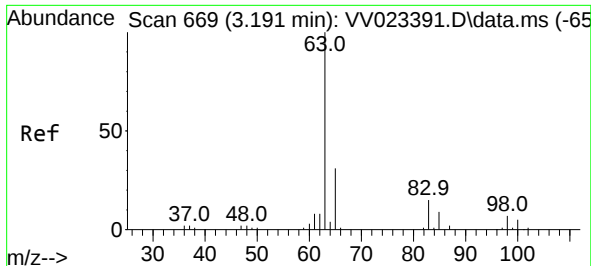
Tgt Ion: 73 Resp: 87058
Ion Ratio Lower Upper
73 100
43 19.1 17.4 26.0
57 21.4 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 4.813 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV023395.D
Acq: 11 Nov 2021 18:11

Tgt Ion: 96 Resp: 46240
Ion Ratio Lower Upper
96 100
61 129.9 93.2 173.2
98 66.0 47.0 87.2





#19

1,1-Dichloroethane

Concen: 4.902 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV023395.D

Acq: 11 Nov 2021 18:11

Instrument :

MSVOA_V

ClientSampleId :

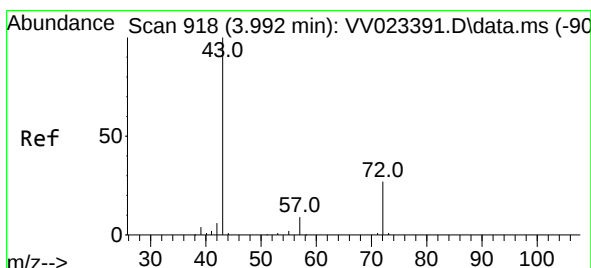
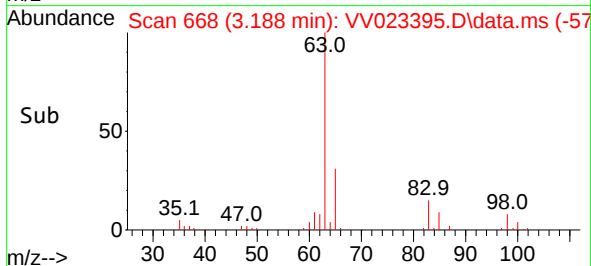
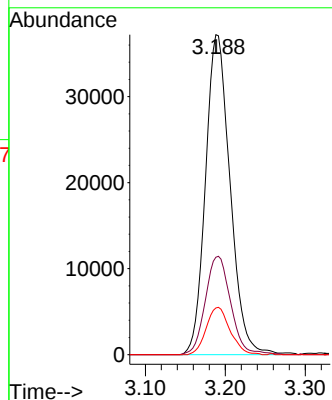
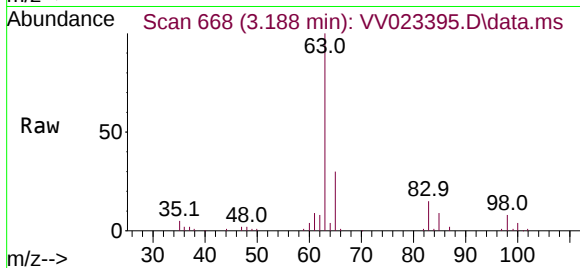
Tgt Ion: 63 Resp: 79504

Ion Ratio Lower Upper

63 100

65 30.4 22.6 42.0

83 14.6 11.1 20.7



#21

2-Butanone

Concen: 41.220 ug/L

RT: 3.986 min Scan# 916

Delta R.T. -0.006 min

Lab File: VV023395.D

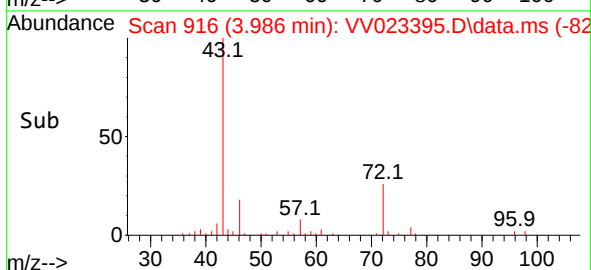
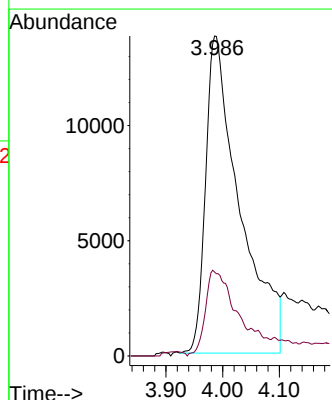
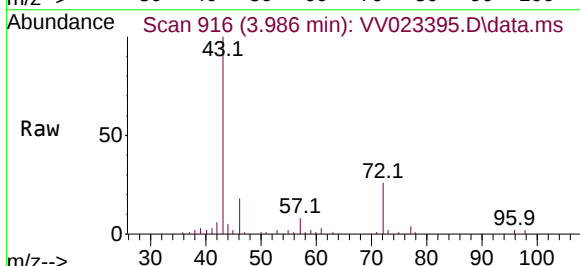
Acq: 11 Nov 2021 18:11

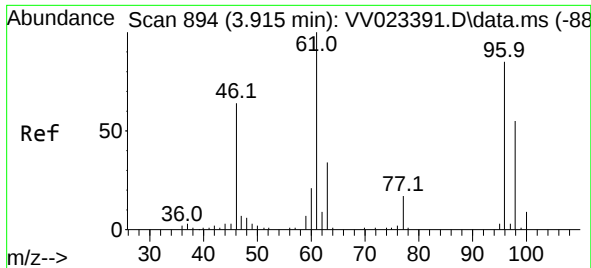
Tgt Ion: 43 Resp: 57595

Ion Ratio Lower Upper

43 100

72 22.6 11.9 35.9

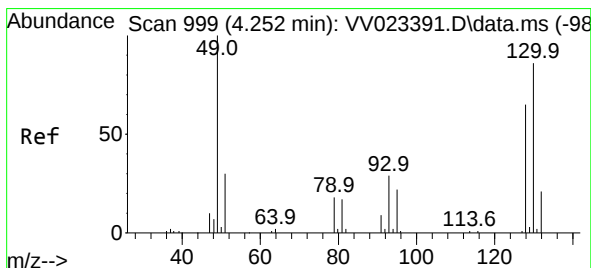
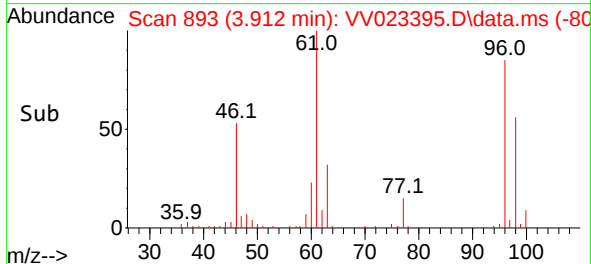
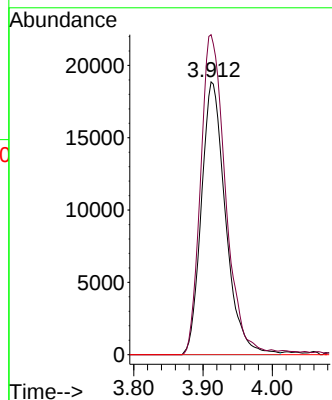
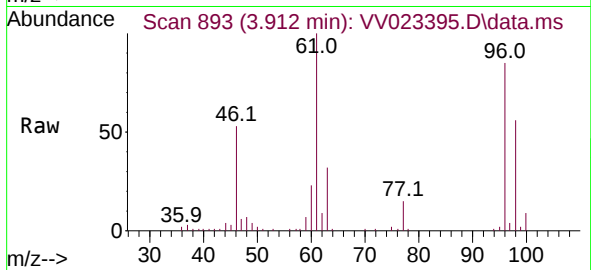




#22
 cis-1,2-Dichloroethene
 Concen: 4.939 ug/L
 RT: 3.912 min Scan# 894
 Delta R.T. -0.003 min
 Lab File: VV023395.D
 Acq: 11 Nov 2021 18:11

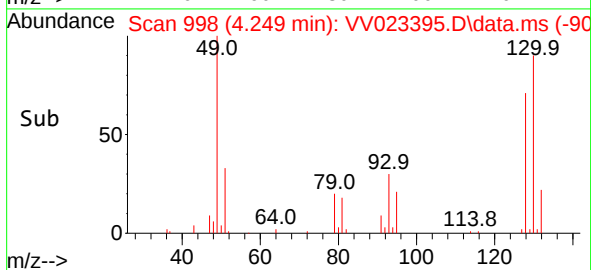
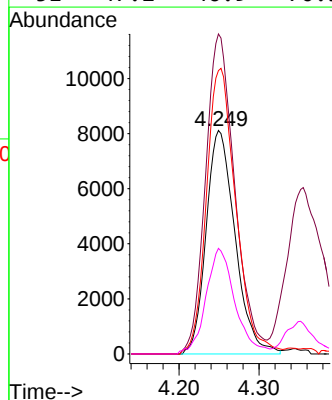
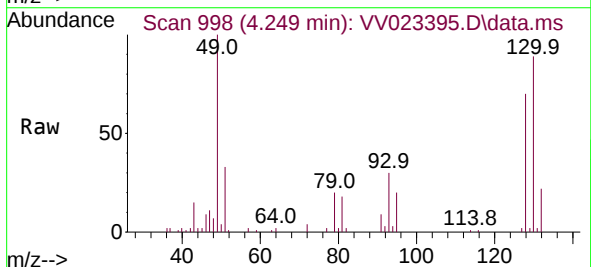
Instrument :
 MSVOA_V
 ClientSampleId :

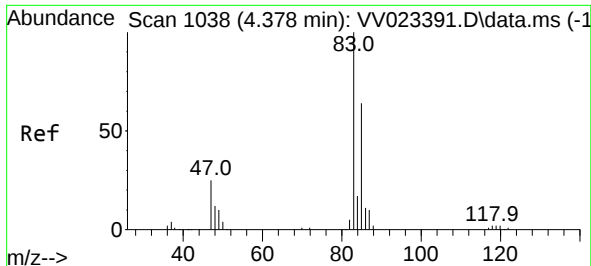
Tgt Ion: 96 Resp: 45662
 Ion Ratio Lower Upper
 96 100
 61 117.3 92.3 171.3
 68 0.0 0.4 0.8#



#23
 Bromochloromethane
 Concen: 4.787 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. -0.003 min
 Lab File: VV023395.D
 Acq: 11 Nov 2021 18:11

Tgt Ion: 128 Resp: 20409
 Ion Ratio Lower Upper
 128 100
 49 143.2 126.1 234.3
 130 126.8 95.2 176.8
 51 47.2 46.9 70.3





#25

Chloroform

Concen: 4.930 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VV023395.D

Acq: 11 Nov 2021 18:11

Instrument :

MSVOA_V

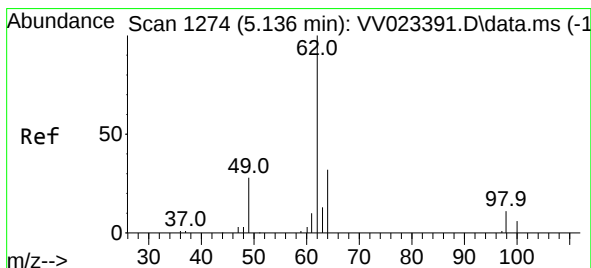
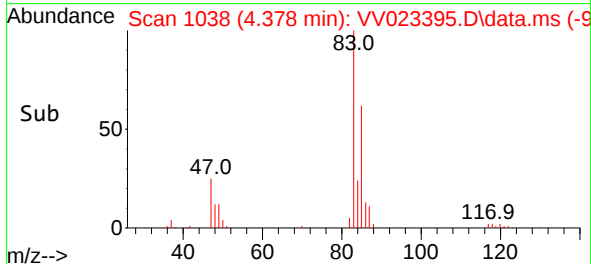
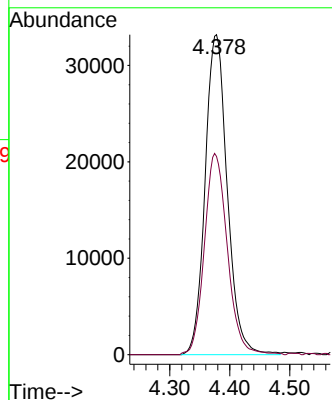
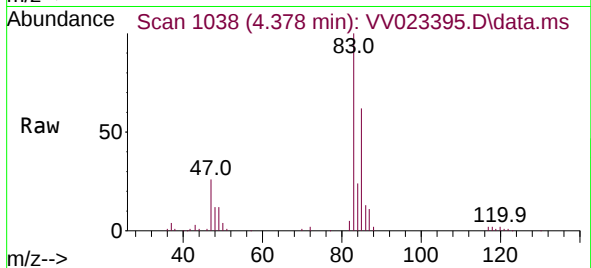
ClientSampleId :

Tgt Ion: 83 Resp: 85240

Ion Ratio Lower Upper

83 100

85 61.9 46.8 86.8



#27

1,2-Dichloroethane

Concen: 4.977 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. -0.003 min

Lab File: VV023395.D

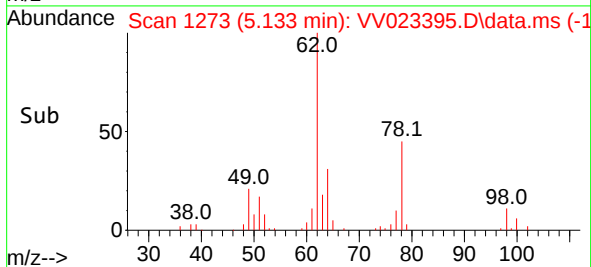
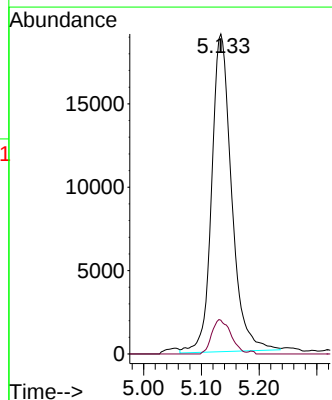
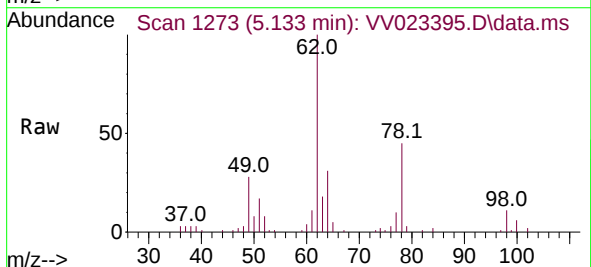
Acq: 11 Nov 2021 18:11

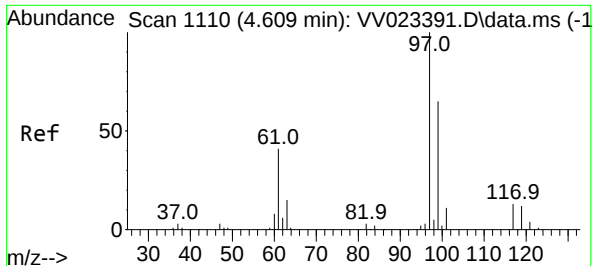
Tgt Ion: 62 Resp: 45772

Ion Ratio Lower Upper

62 100

98 10.5 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 4.960 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV023395.D

Acq: 11 Nov 2021 18:11

Instrument :

MSVOA_V

ClientSampleId :

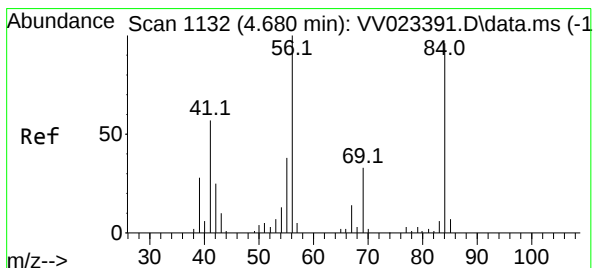
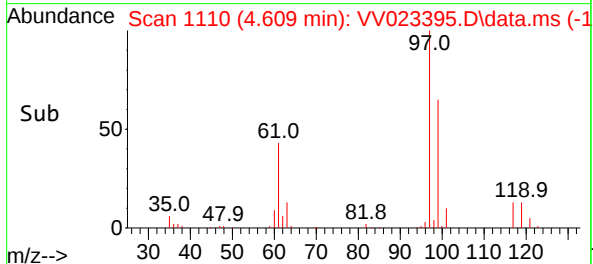
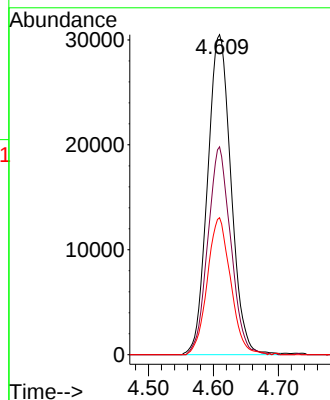
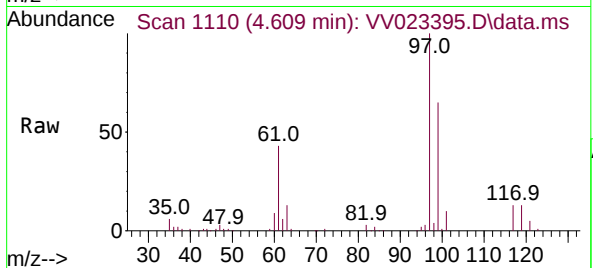
Tgt Ion: 97 Resp: 76509

Ion Ratio Lower Upper

97 100

99 63.5 51.0 76.4

61 42.5 34.1 51.1



#30

Cyclohexane

Concen: 4.787 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VV023395.D

Acq: 11 Nov 2021 18:11

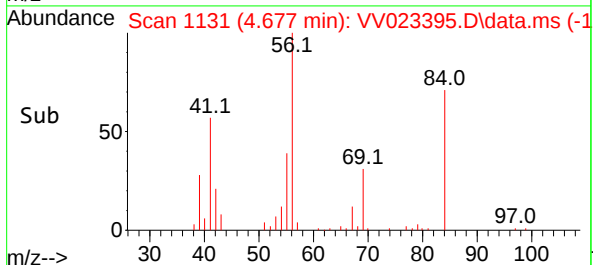
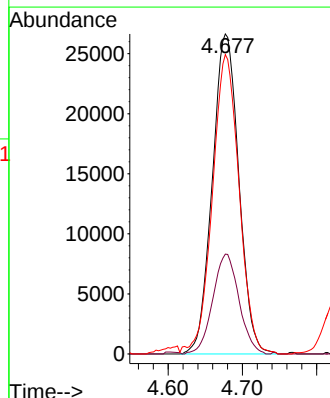
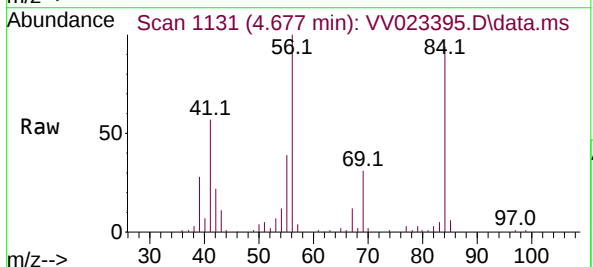
Tgt Ion: 56 Resp: 66169

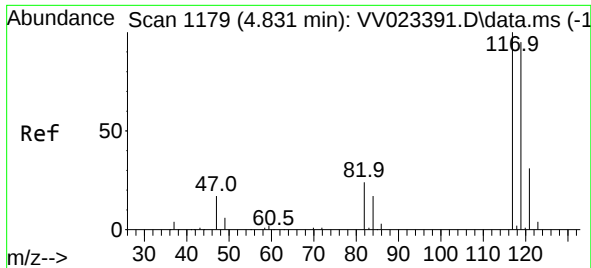
Ion Ratio Lower Upper

56 100

69 30.8 23.5 35.3

84 94.0 71.6 107.4

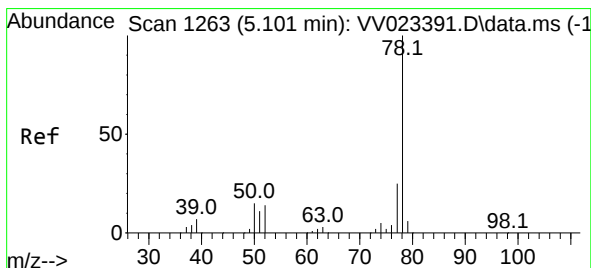
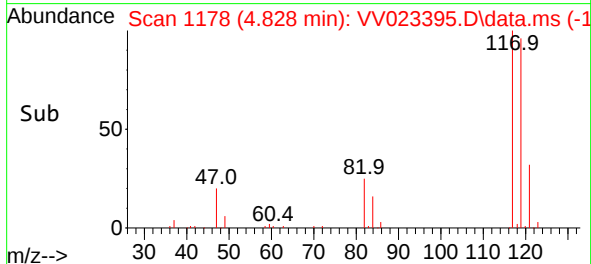
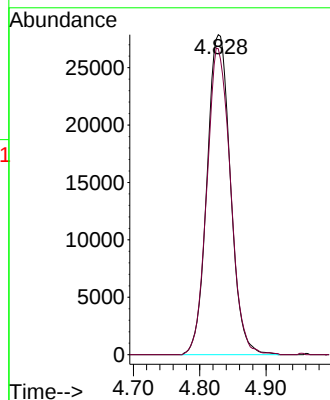
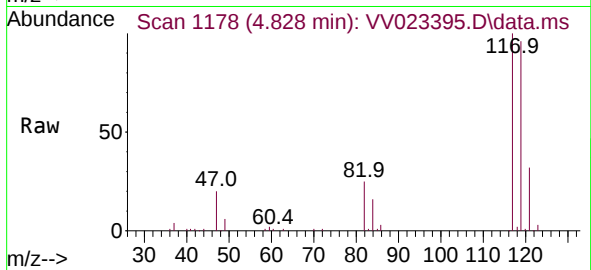




#31
Carbon tetrachloride
Concen: 4.937 ug/L
RT: 4.828 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VV023395.D
Acq: 11 Nov 2021 18:11

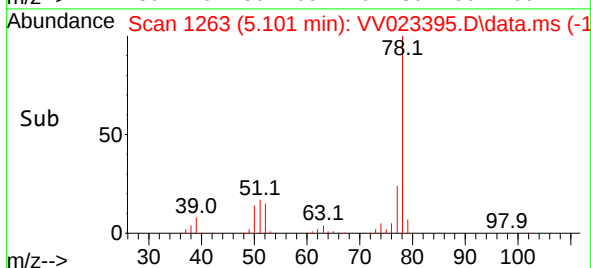
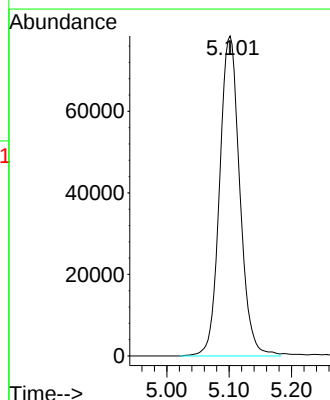
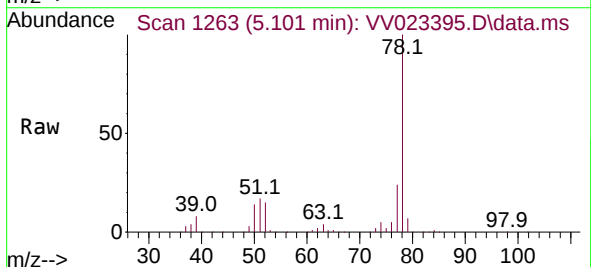
Instrument :
MSVOA_V
ClientSampleId :

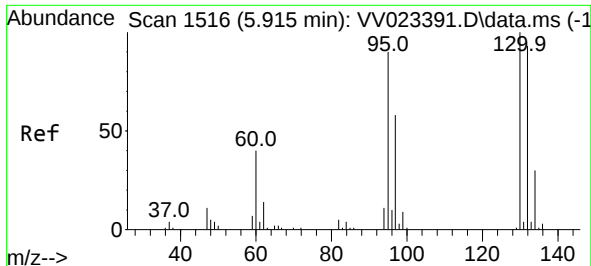
Tgt Ion:117 Resp: 68390
Ion Ratio Lower Upper
117 100
119 96.3 78.8 118.2



#33
Benzene
Concen: 4.966 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV023395.D
Acq: 11 Nov 2021 18:11

Tgt Ion: 78 Resp: 176297

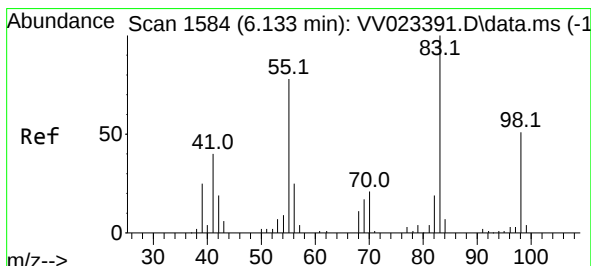
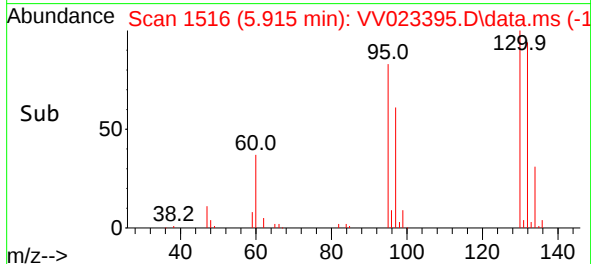
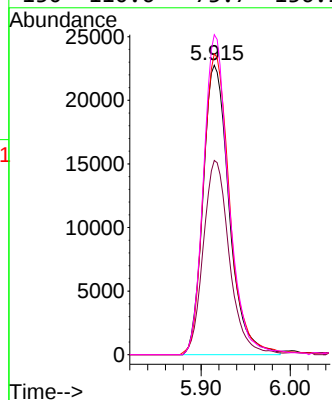
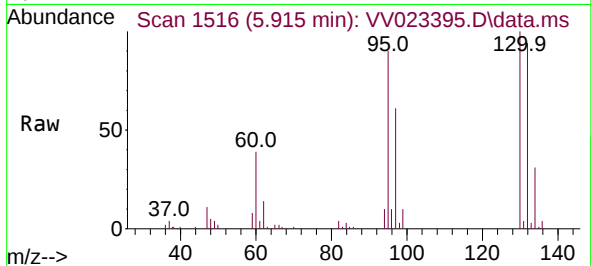




#34
Trichloroethene
Concen: 4.892 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV023395.D
Acq: 11 Nov 2021 18:11

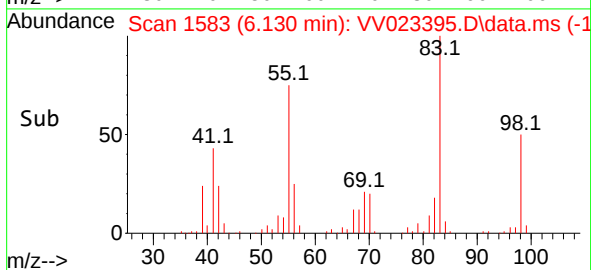
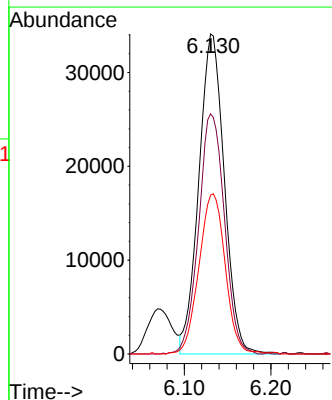
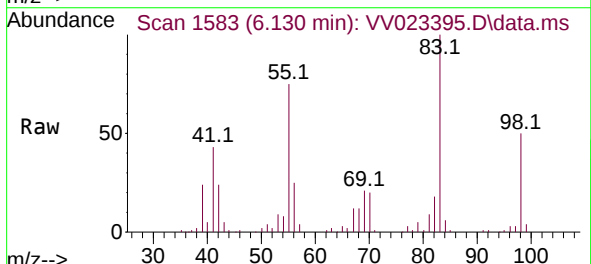
Instrument :
MSVOA_V
ClientSampleId :

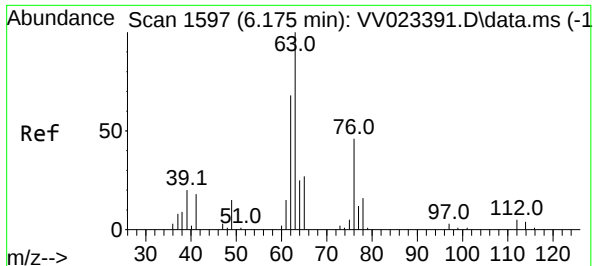
Tgt Ion: 95 Resp: 46179
Ion Ratio Lower Upper
95 100
97 67.1 45.0 83.6
132 104.0 69.7 129.4
130 110.6 73.7 136.9



#35
Methylcyclohexane
Concen: 4.689 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.003 min
Lab File: VV023395.D
Acq: 11 Nov 2021 18:11

Tgt Ion: 83 Resp: 69874
Ion Ratio Lower Upper
83 100
55 75.9 62.8 94.2
98 51.6 37.9 56.9





#37

1,2-Dichloropropane

Concen: 4.848 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV023395.D

Acq: 11 Nov 2021 18:11

Instrument :

MSVOA_V

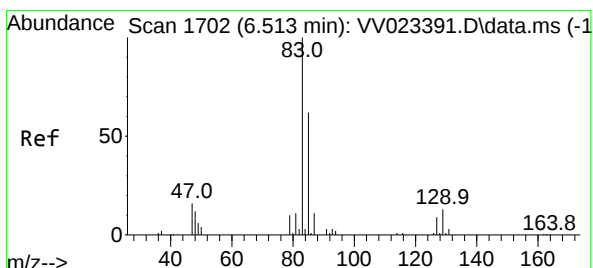
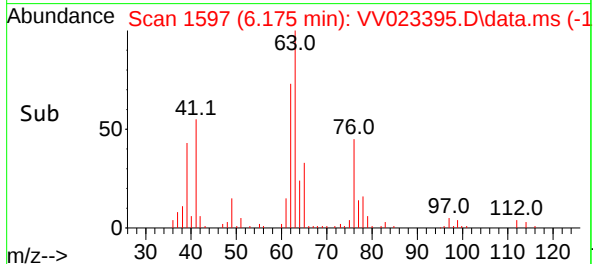
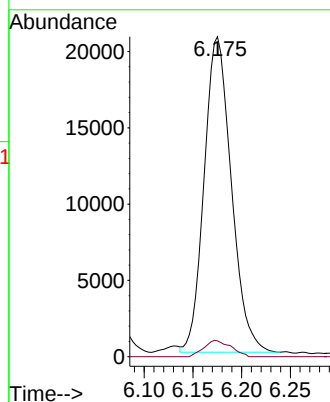
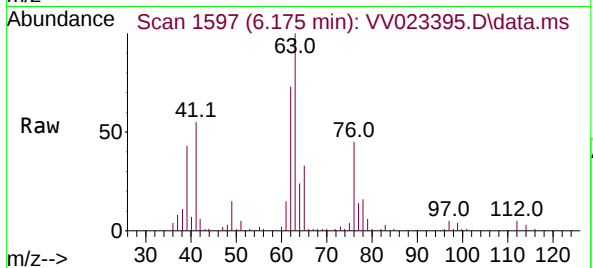
ClientSampleId :

Tgt Ion: 63 Resp: 40180

Ion Ratio Lower Upper

63 100

112 5.1 4.6 6.8



#38

Bromodichloromethane

Concen: 5.005 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VV023395.D

Acq: 11 Nov 2021 18:11

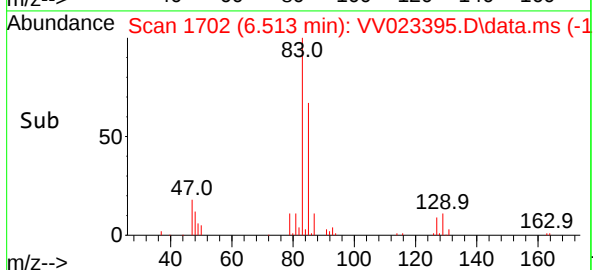
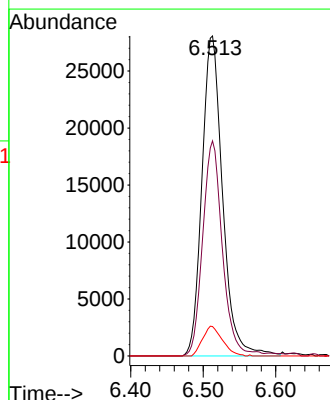
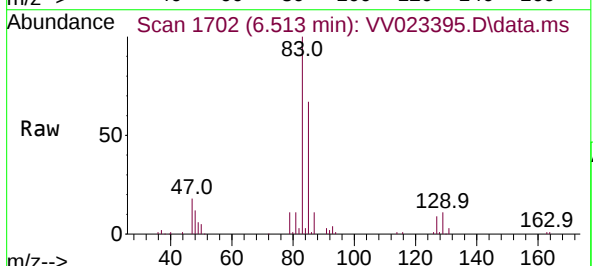
Tgt Ion: 83 Resp: 55587

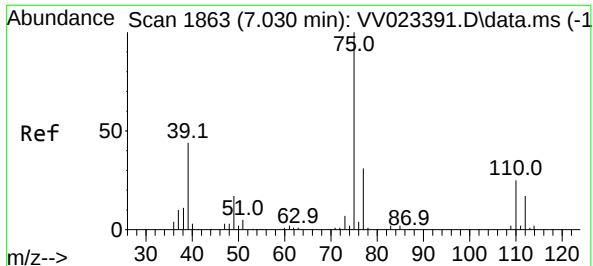
Ion Ratio Lower Upper

83 100

85 67.2 46.1 85.7

127 9.2 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.919 ug/L

RT: 7.031 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VV023395.D

Acq: 11 Nov 2021 18:11

Instrument :

MSVOA_V

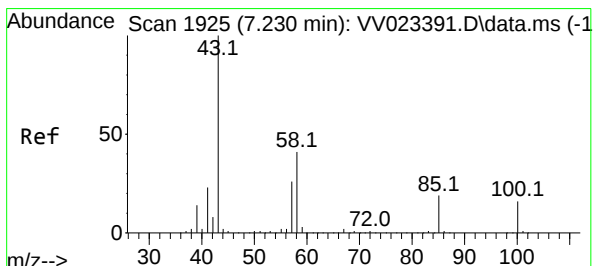
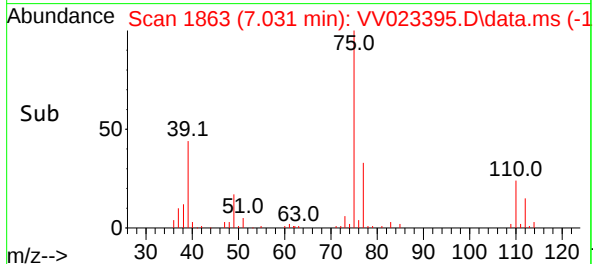
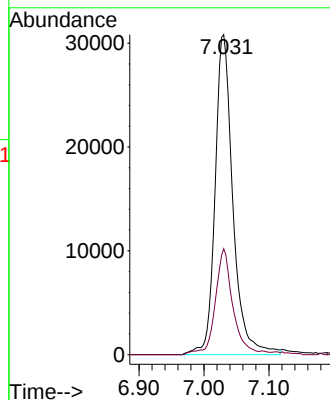
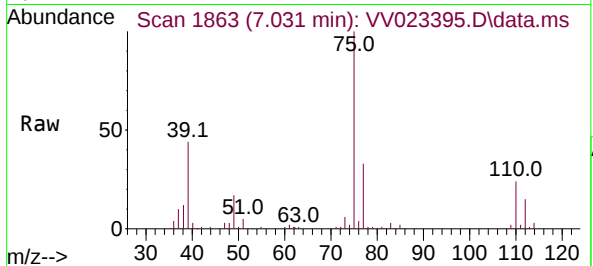
ClientSampleId :

Tgt Ion: 75 Resp: 58630

Ion Ratio Lower Upper

75 100

77 33.1 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 56.581 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.000 min

Lab File: VV023395.D

Acq: 11 Nov 2021 18:11

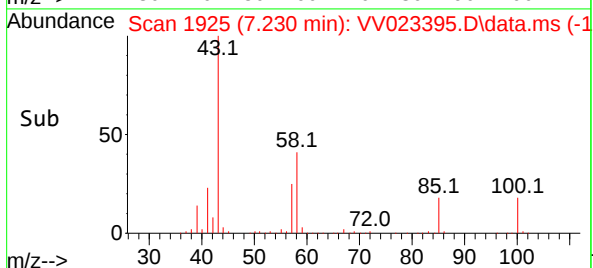
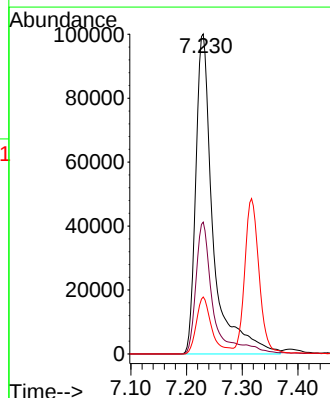
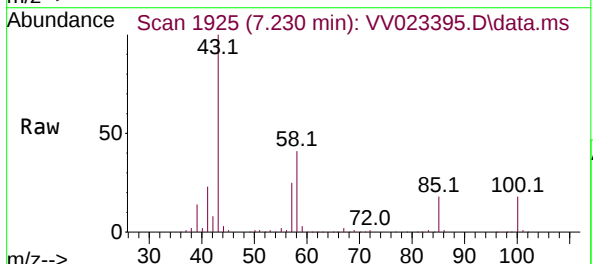
Tgt Ion: 43 Resp: 217475

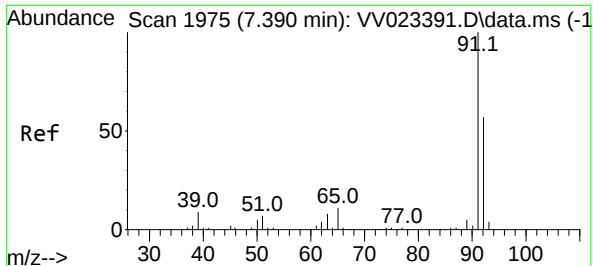
Ion Ratio Lower Upper

43 100

58 38.0 31.1 46.7

100 15.8 12.6 19.0

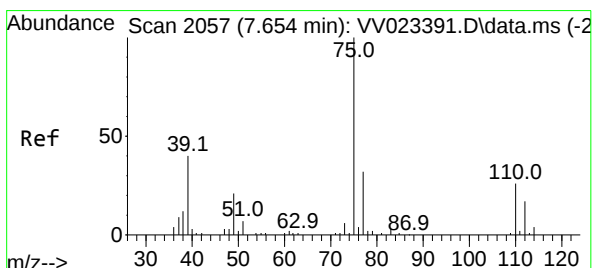
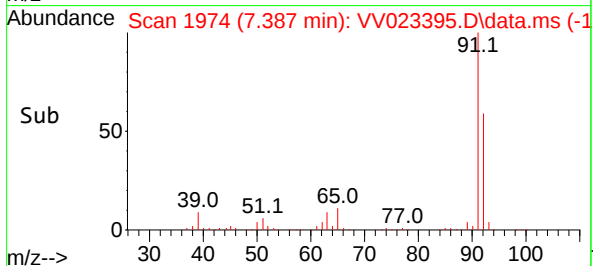
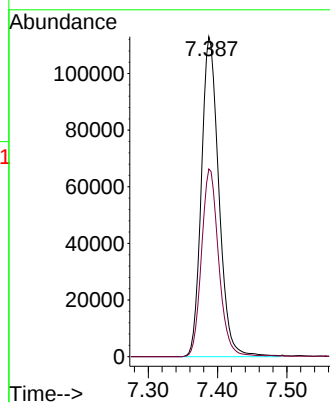
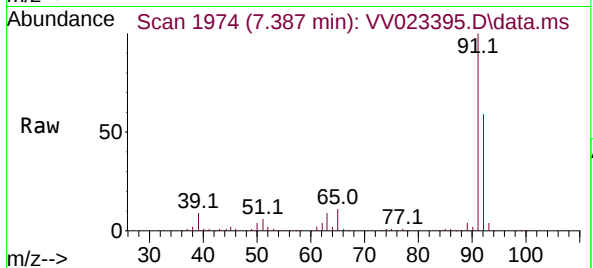




#42
Toluene
Concen: 5.201 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VV023395.D
Acq: 11 Nov 2021 18:11

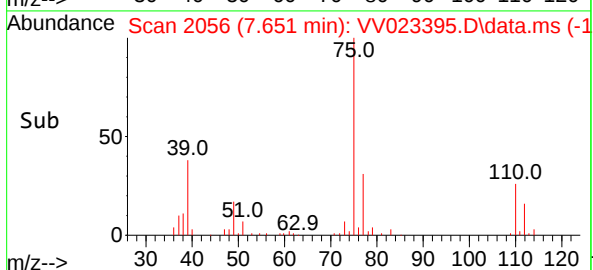
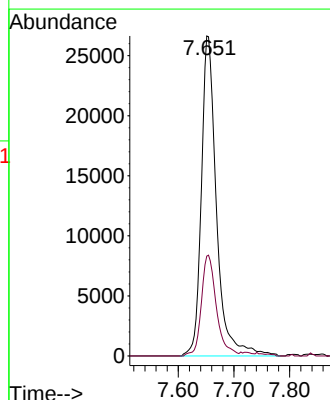
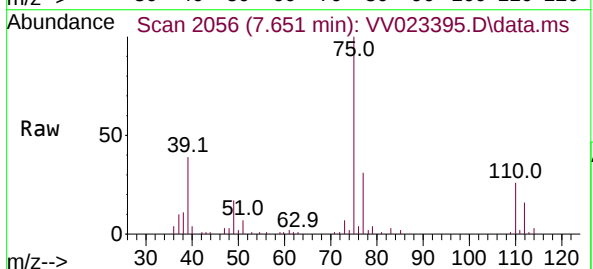
Instrument :
MSVOA_V
ClientSampleId :

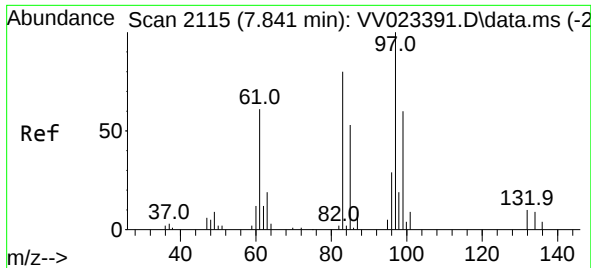
Tgt Ion: 91 Resp: 197471
Ion Ratio Lower Upper
91 100
92 58.7 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 5.100 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VV023395.D
Acq: 11 Nov 2021 18:11

Tgt Ion: 75 Resp: 50442
Ion Ratio Lower Upper
75 100
77 31.2 22.5 41.7

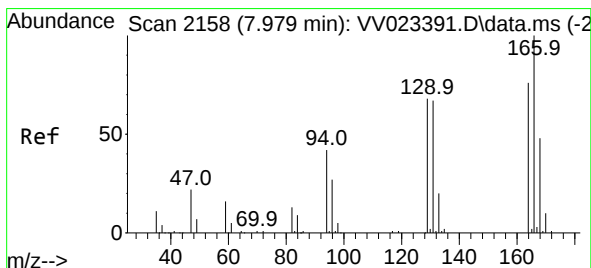
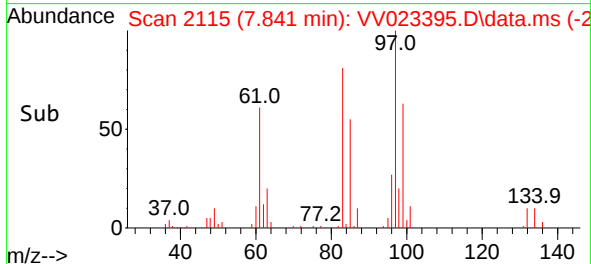
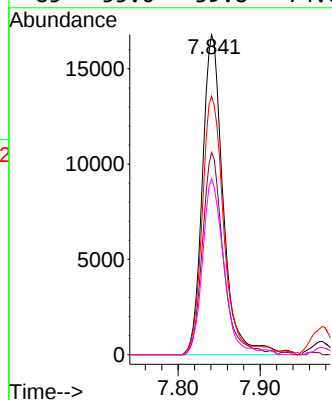
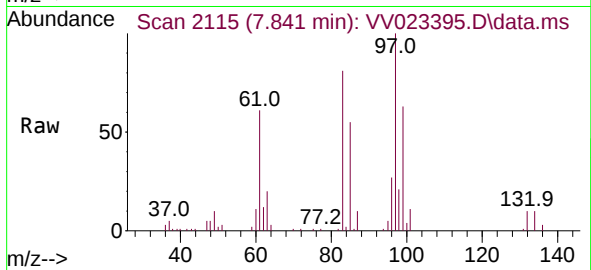




#45
1,1,2-Trichloroethane
Concen: 4.958 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV023395.D
Acq: 11 Nov 2021 18:11

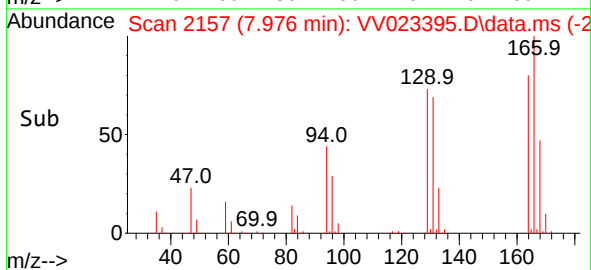
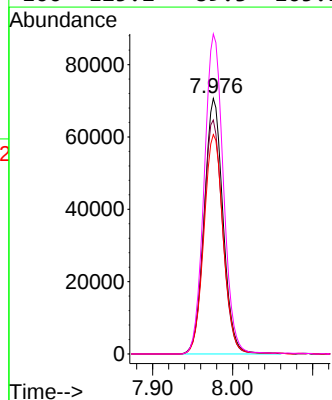
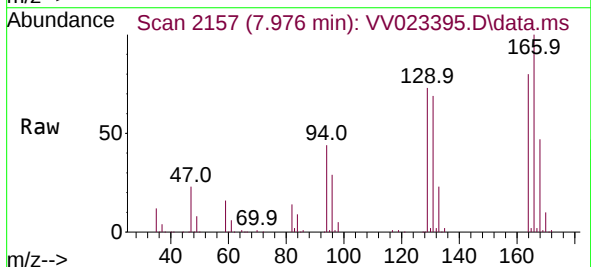
Instrument :
MSVOA_V
ClientSampleId :

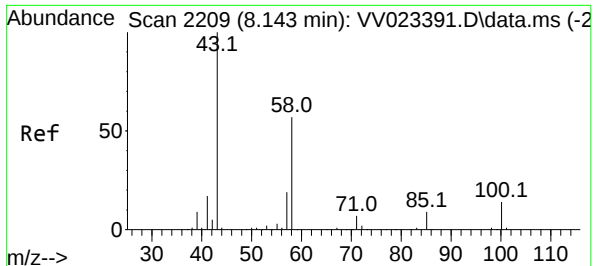
Tgt Ion:	97	Resp:	29524
Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.6	81.0
83	80.8	58.4	108.4
85	55.0	39.8	74.0



#47
Tetrachloroethene
Concen: 14.181 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV023395.D
Acq: 11 Nov 2021 18:11

Tgt Ion:	164	Resp:	116017
Ion	Ratio	Lower	Upper
164	100		
129	91.5	64.0	119.0
131	85.8	63.4	117.8
166	125.2	89.3	165.9



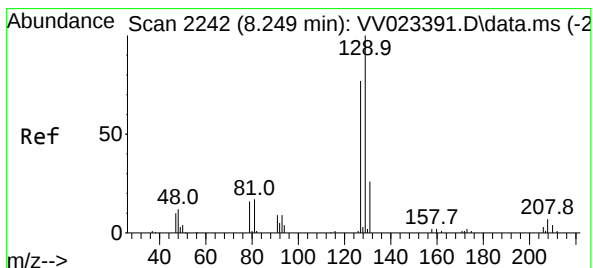
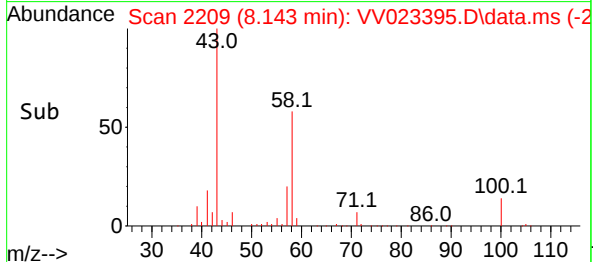
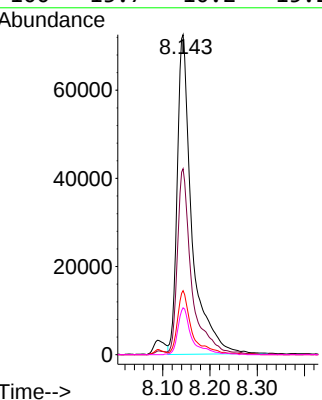
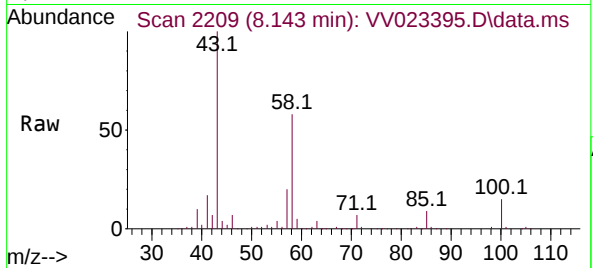


#48
2-Hexanone
Concen: 58.128 ug/L
RT: 8.143 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV023395.D
Acq: 11 Nov 2021 18:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 156555

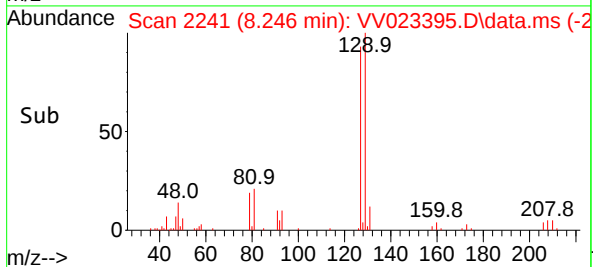
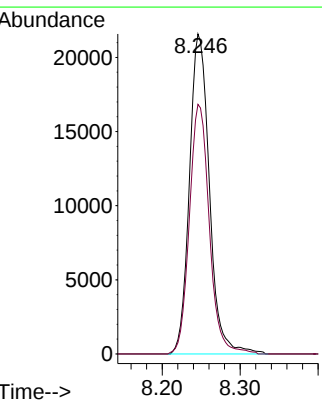
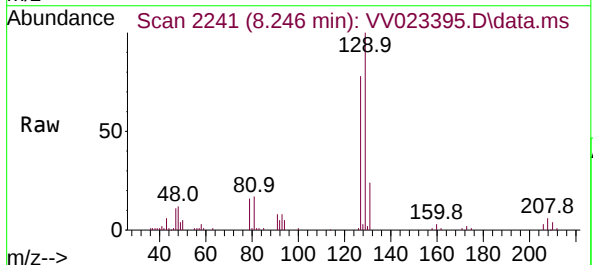
Ion	Ratio	Lower	Upper
43	100		
58	54.5	43.7	65.5
57	19.4	14.1	21.1
100	13.7	10.2	15.2

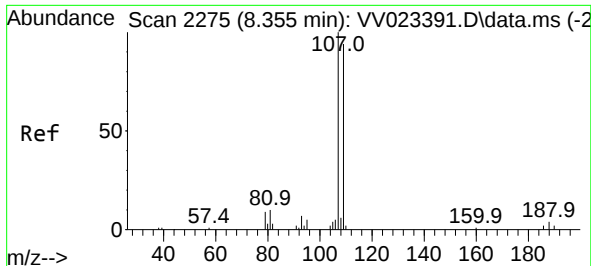


#49
Dibromochloromethane
Concen: 5.089 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VV023395.D
Acq: 11 Nov 2021 18:11

Tgt Ion: 129 Resp: 38395

Ion	Ratio	Lower	Upper
129	100		
127	78.0	54.7	101.7





#50

1,2-Dibromoethane

Concen: 5.051 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV023395.D

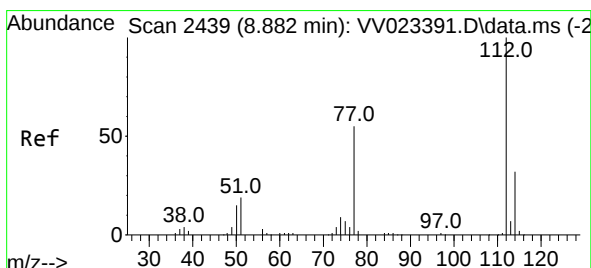
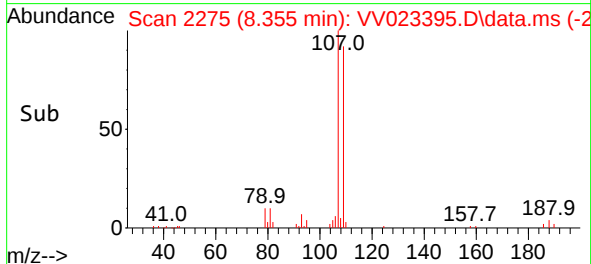
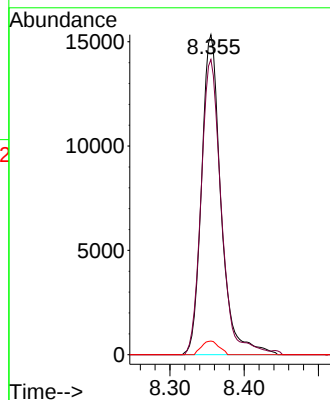
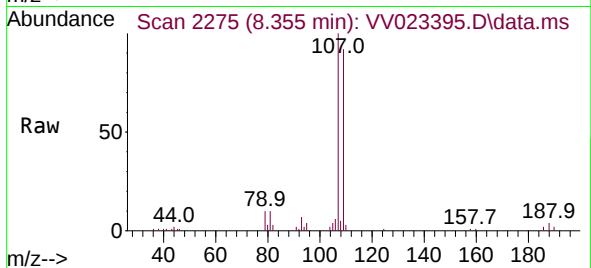
Acq: 11 Nov 2021 18:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	27875
Ion Ratio	Lower	Upper
107	100	
109	92.2	64.7 120.1
188	4.3	3.6 5.4



#51

Chlorobenzene

Concen: 4.856 ug/L

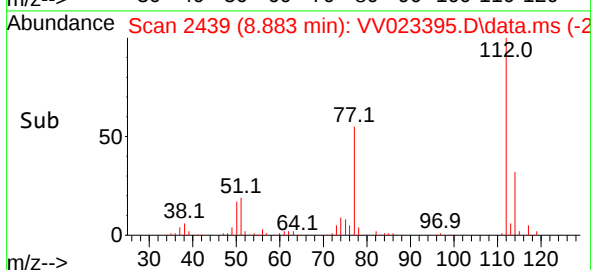
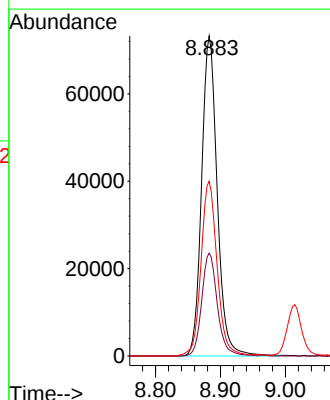
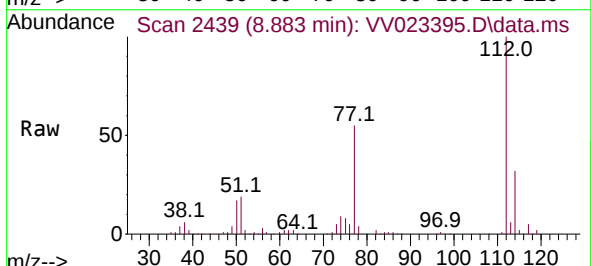
RT: 8.883 min Scan# 2439

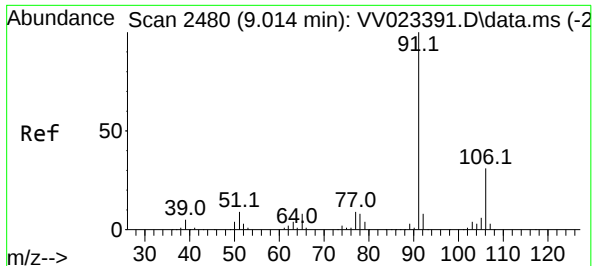
Delta R.T. 0.000 min

Lab File: VV023395.D

Acq: 11 Nov 2021 18:11

Tgt Ion:112	Resp:	122554
Ion Ratio	Lower	Upper
112	100	
114	32.1	22.0 40.8
77	54.6	44.4 66.6





#52

Ethylbenzene

Concen: 4.996 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.000 min

Lab File: VV023395.D

Acq: 11 Nov 2021 18:11

Instrument :

MSVOA_V

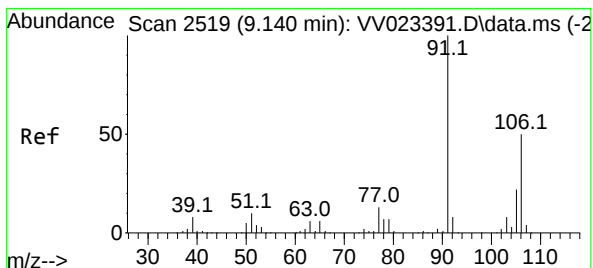
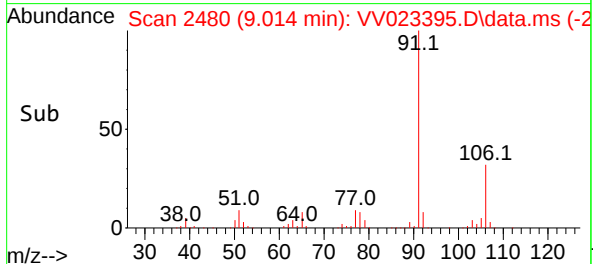
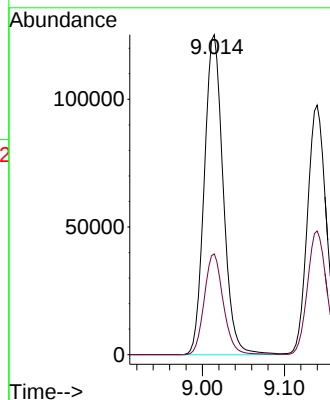
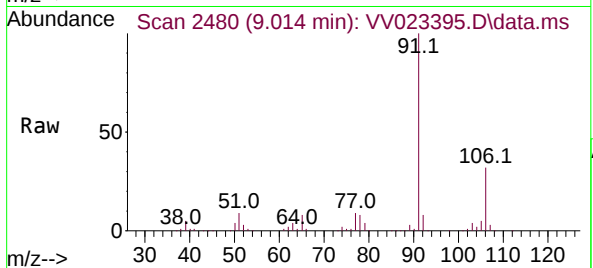
ClientSampleId :

Tgt Ion: 91 Resp: 200083

Ion Ratio Lower Upper

91 100

106 31.5 22.5 41.9



#53

m,p-xylene

Concen: 5.062 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.000 min

Lab File: VV023395.D

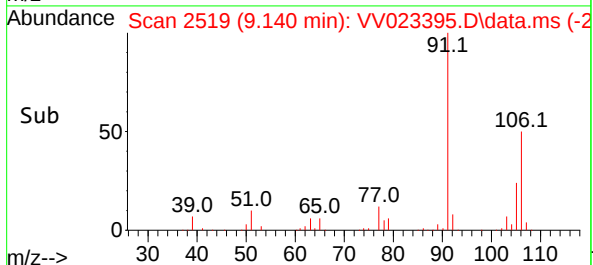
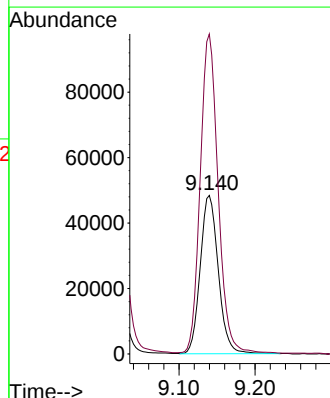
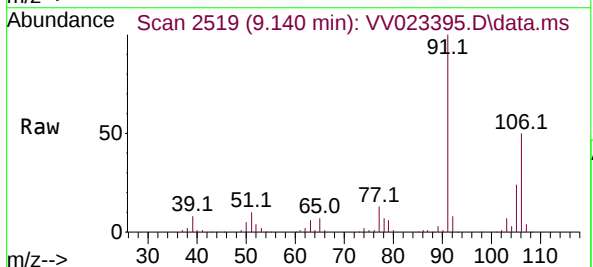
Acq: 11 Nov 2021 18:11

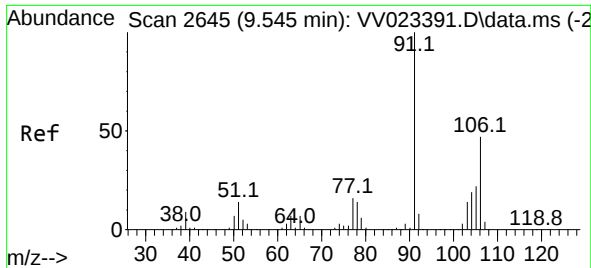
Tgt Ion: 106 Resp: 79562

Ion Ratio Lower Upper

106 100

91 201.7 137.2 254.8

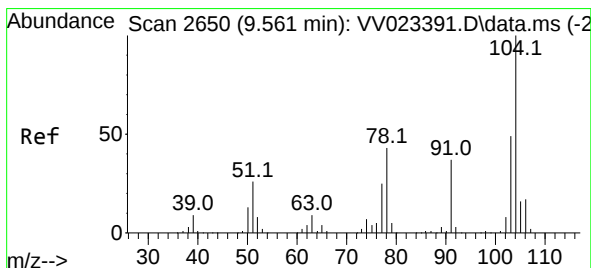
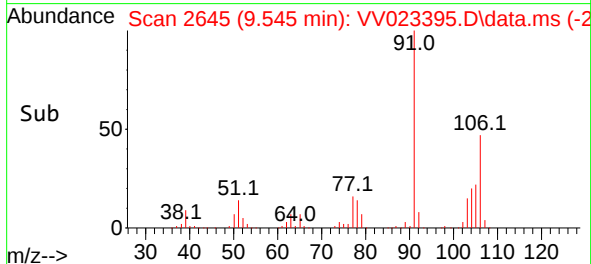
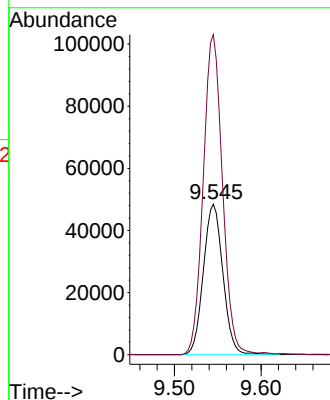
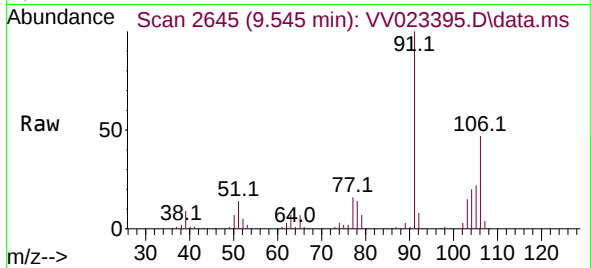




#54
o-xylene
Concen: 5.145 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV023395.D
Acq: 11 Nov 2021 18:11

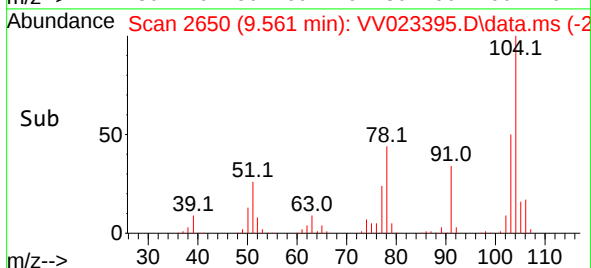
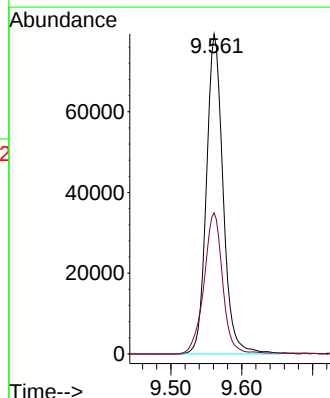
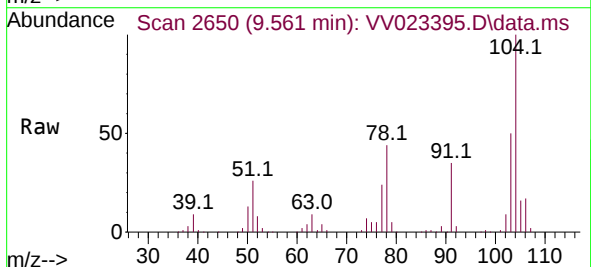
Instrument :
MSVOA_V
ClientSampleId :

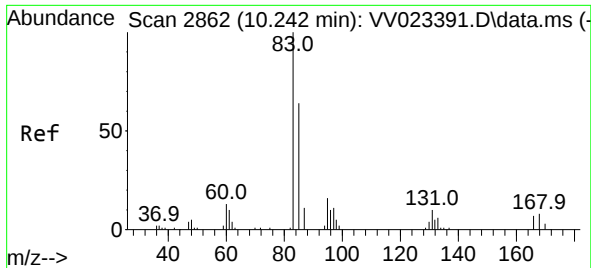
Tgt Ion:106 Resp: 75853
Ion Ratio Lower Upper
106 100
91 212.6 148.3 275.5



#55
Styrene
Concen: 5.124 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV023395.D
Acq: 11 Nov 2021 18:11

Tgt Ion:104 Resp: 129428
Ion Ratio Lower Upper
104 100
78 44.1 29.3 54.3

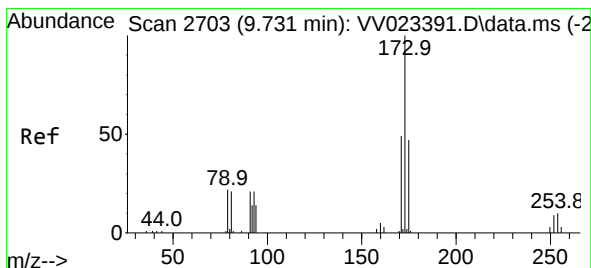
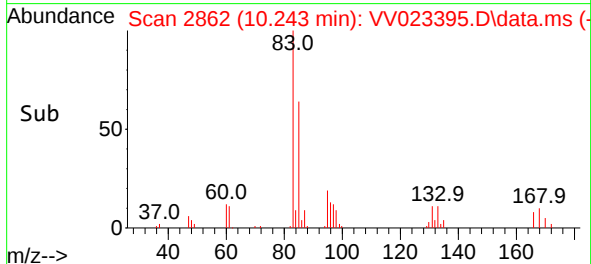
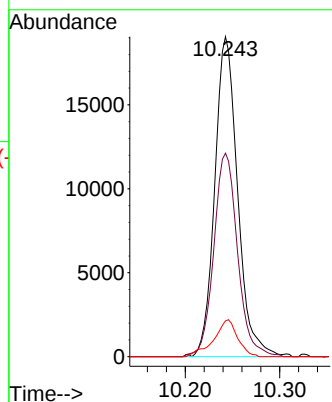
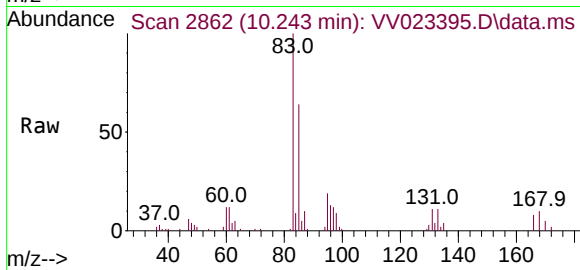




#57
1,1,2,2-Tetrachloroethane
Concen: 4.907 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV023395.D
Acq: 11 Nov 2021 18:11

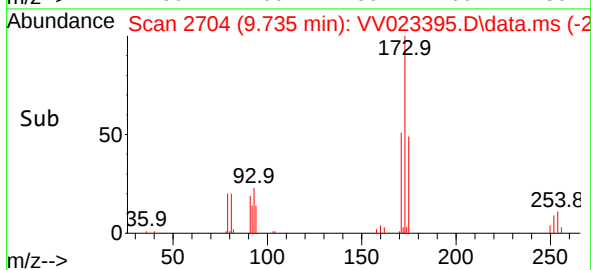
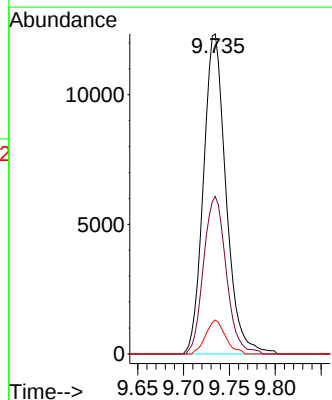
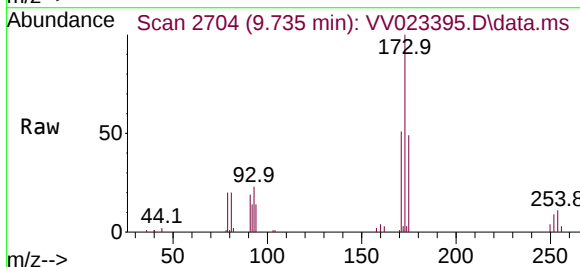
Instrument :
MSVOA_V
ClientSampleId :

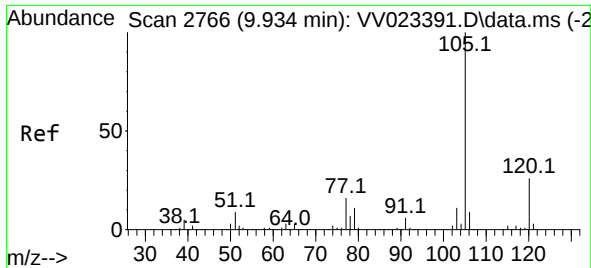
Tgt Ion: 83 Resp: 32014
Ion Ratio Lower Upper
83 100
85 63.6 45.1 83.9
131 11.2 7.8 11.6



#59
Bromoform
Concen: 5.240 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV023395.D
Acq: 11 Nov 2021 18:11

Tgt Ion: 173 Resp: 21143
Ion Ratio Lower Upper
173 100
175 49.4 38.2 57.2
254 9.3 6.2 9.2#

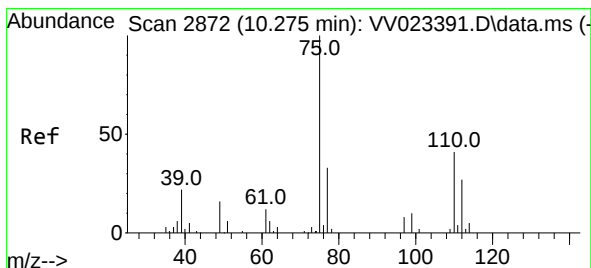
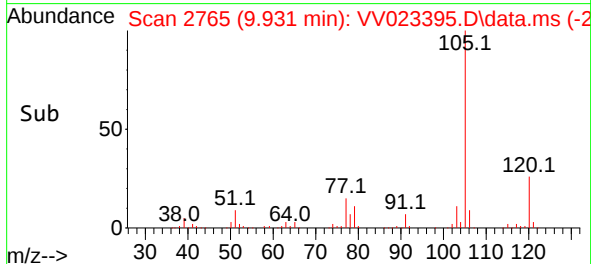
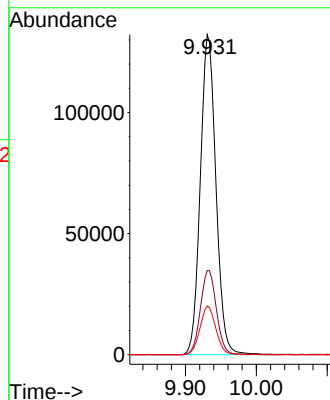
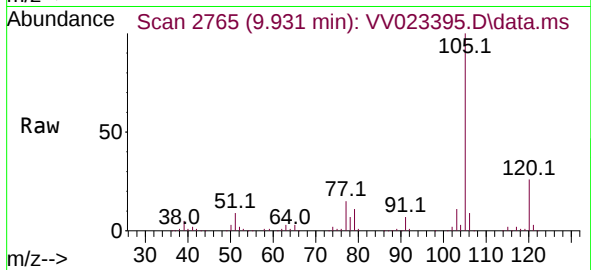




#60
Isopropylbenzene
Concen: 5.213 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023395.D
Acq: 11 Nov 2021 18:11

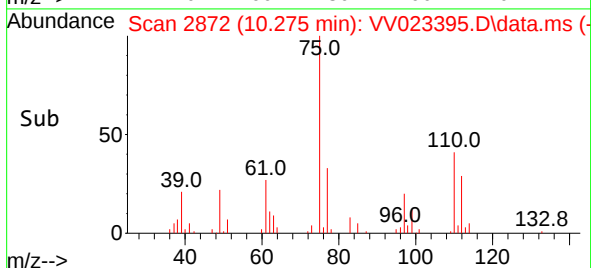
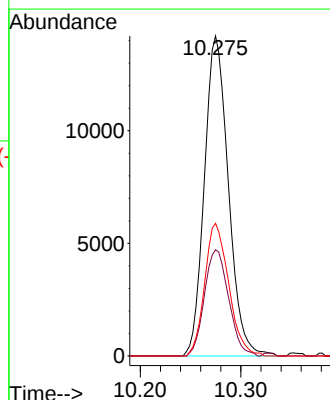
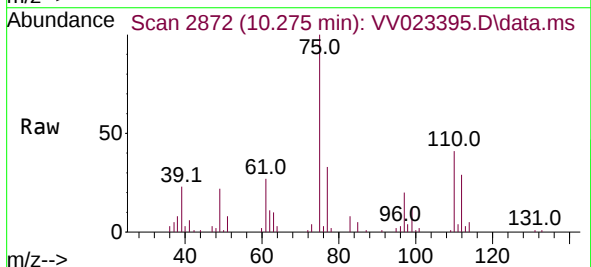
Instrument :
MSVOA_V
ClientSampleId :

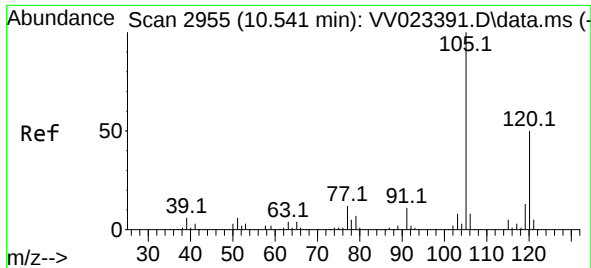
Tgt Ion:105 Resp: 202099
Ion Ratio Lower Upper
105 100
120 26.9 21.7 32.5
77 15.4 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.251 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV023395.D
Acq: 11 Nov 2021 18:11

Tgt Ion: 75 Resp: 23564
Ion Ratio Lower Upper
75 100
77 33.4 26.6 39.8
110 41.5 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 5.218 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV023395.D

Acq: 11 Nov 2021 18:11

Instrument :

MSVOA_V

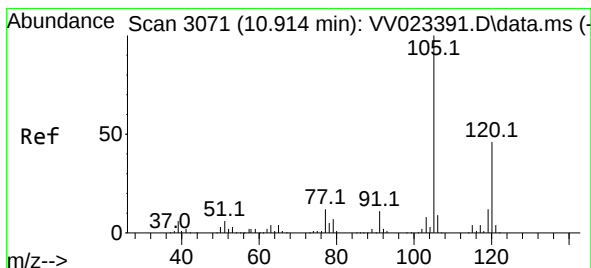
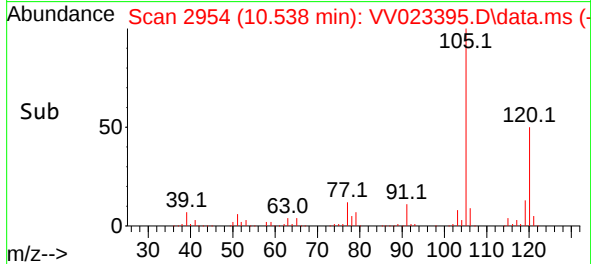
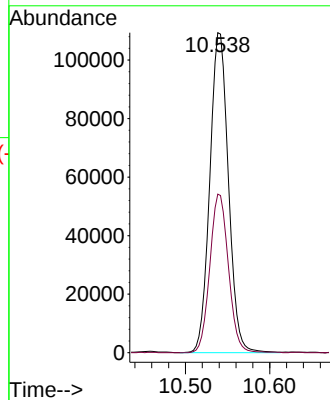
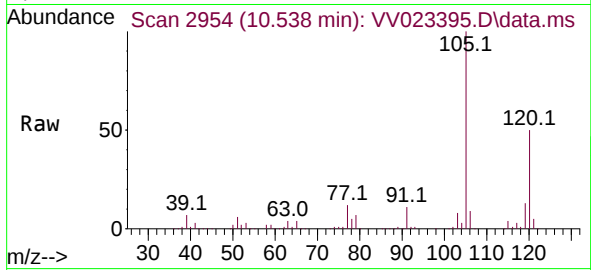
ClientSampleId :

Tgt Ion:105 Resp: 167725

Ion Ratio Lower Upper

105 100

120 49.6 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 5.262 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV023395.D

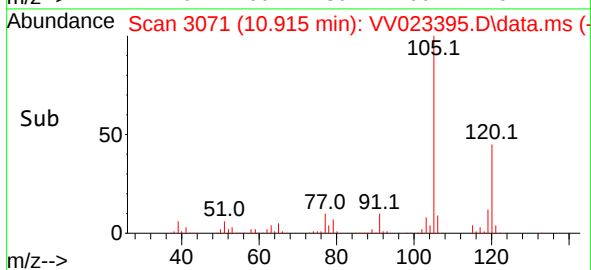
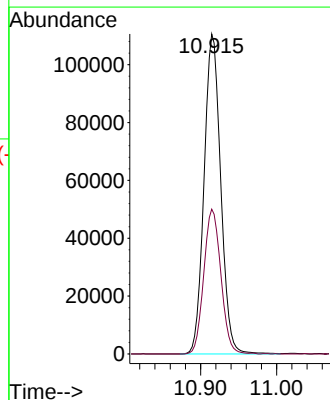
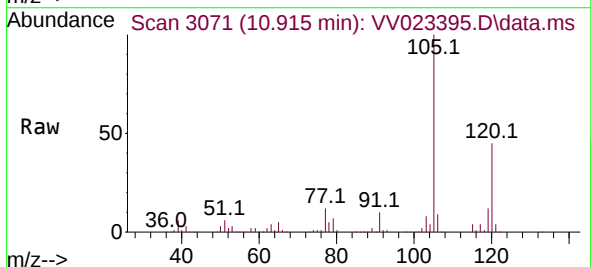
Acq: 11 Nov 2021 18:11

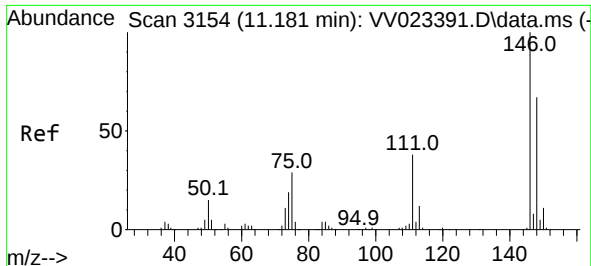
Tgt Ion:105 Resp: 168345

Ion Ratio Lower Upper

105 100

120 46.4 37.4 56.2





#64

1,3-Dichlorobenzene

Concen: 5.022 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.000 min

Lab File: VV023395.D

Acq: 11 Nov 2021 18:11

Instrument :

MSVOA_V

ClientSampleId :

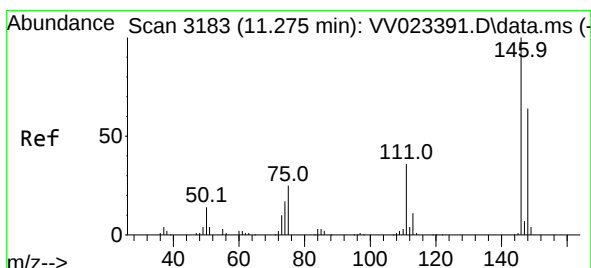
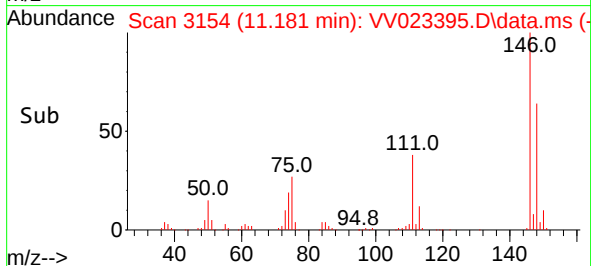
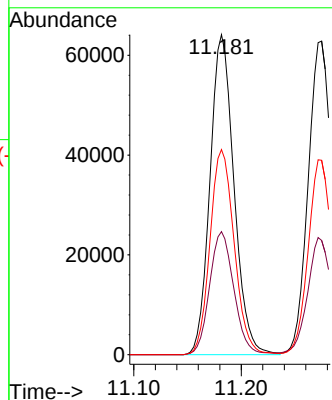
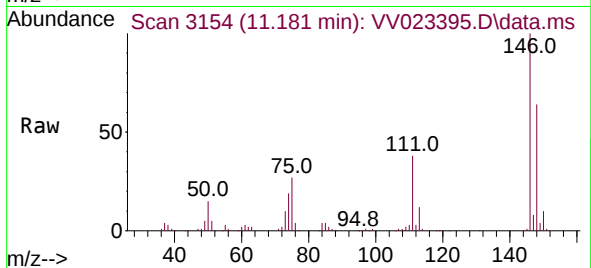
Tgt Ion:146 Resp: 99479

Ion Ratio Lower Upper

146 100

111 38.4 26.7 49.7

148 64.1 42.9 79.7



#65

1,4-Dichlorobenzene

Concen: 4.944 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. 0.000 min

Lab File: VV023395.D

Acq: 11 Nov 2021 18:11

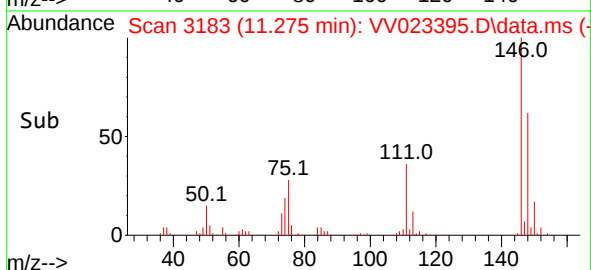
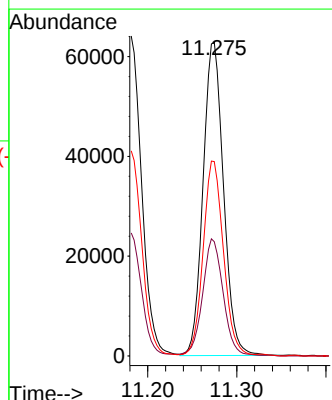
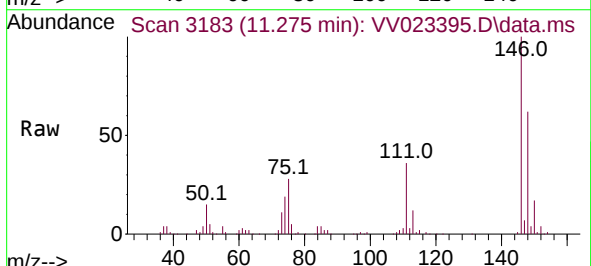
Tgt Ion:146 Resp: 100026

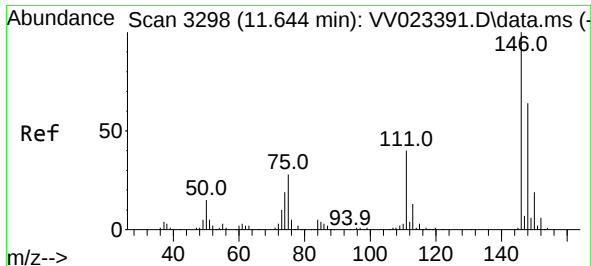
Ion Ratio Lower Upper

146 100

111 36.4 26.2 48.8

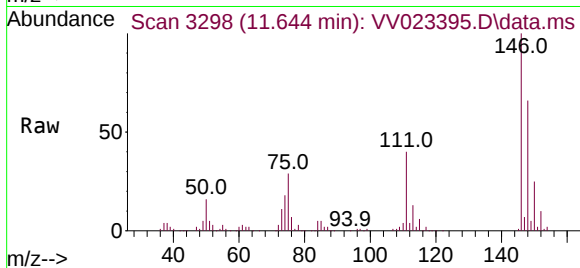
148 62.0 44.4 82.5



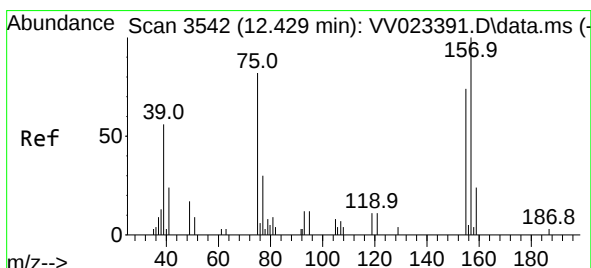
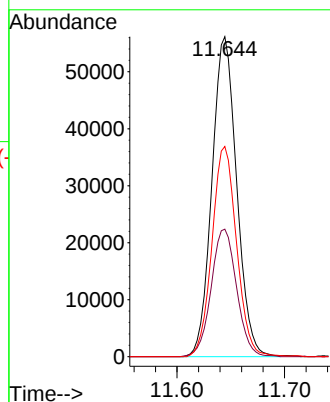
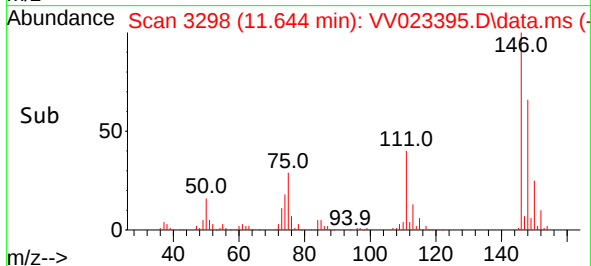


#67
1,2-Dichlorobenzene
Concen: 5.067 ug/L
RT: 11.644 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV023395.D
Acq: 11 Nov 2021 18:11

Instrument :
MSVOA_V
ClientSampleId :

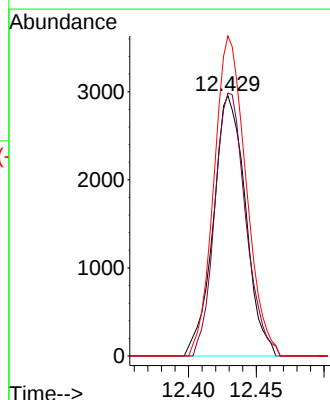
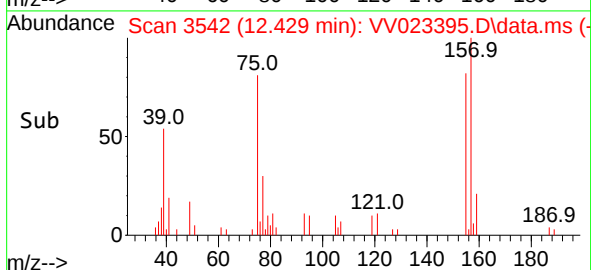
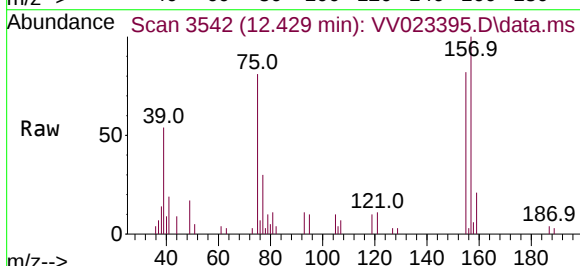


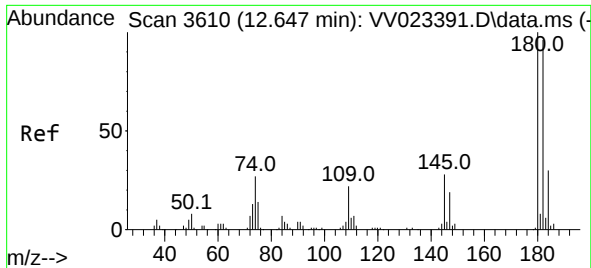
Tgt Ion:146 Resp: 89815
Ion Ratio Lower Upper
146 100
111 39.8 31.6 47.4
148 65.7 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 5.096 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV023395.D
Acq: 11 Nov 2021 18:11

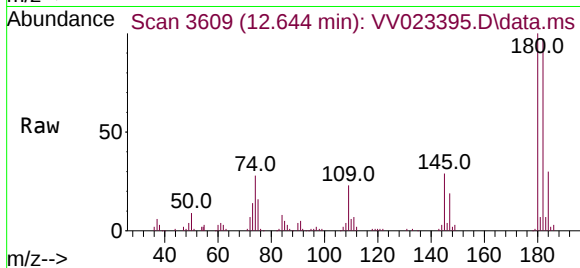
Tgt Ion: 75 Resp: 4872
Ion Ratio Lower Upper
75 100
155 101.0 67.7 101.5
157 122.9 87.9 131.9



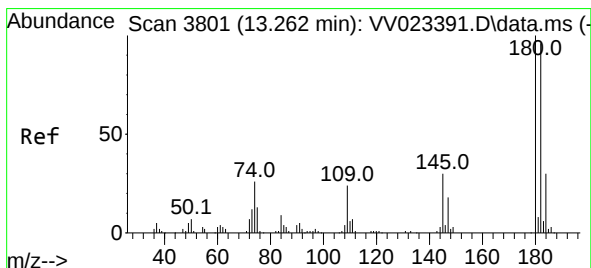
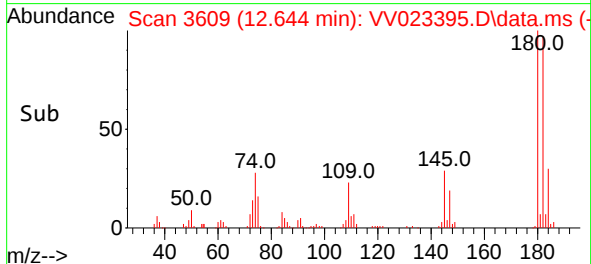
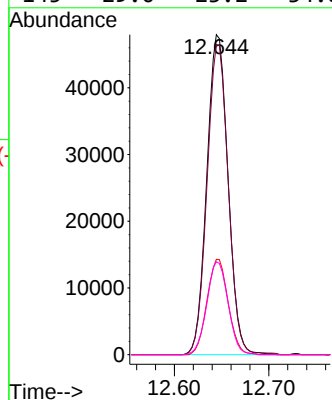


#69
 1,3,5-Trichlorobenzene
 Concen: 4.824 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.003 min
 Lab File: VV023395.D
 Acq: 11 Nov 2021 18:11

Instrument :
 MSVOA_V
 ClientSampleId :

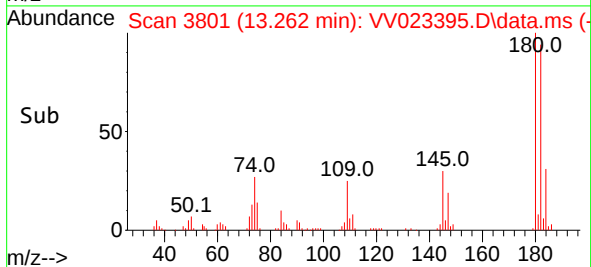
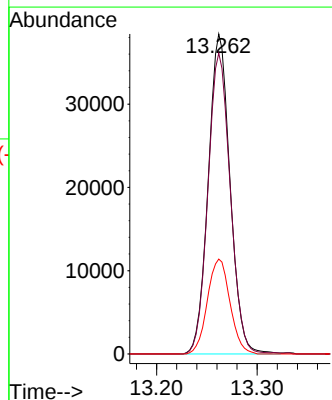
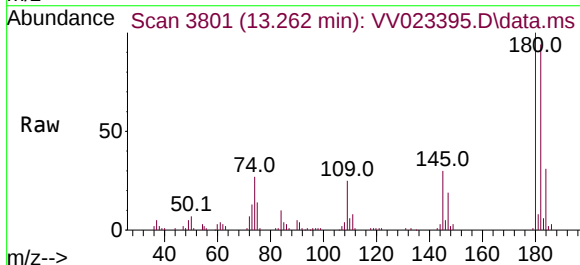


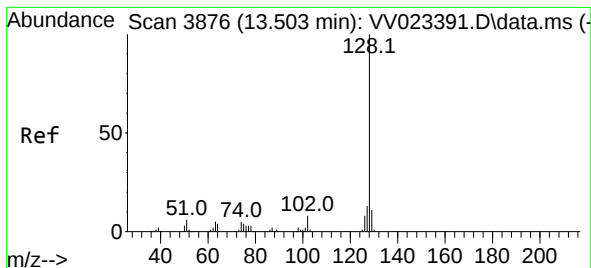
Tgt Ion:180 Resp: 74811
 Ion Ratio Lower Upper
 180 100
 182 96.7 74.9 112.3
 184 29.8 23.8 35.8
 145 29.0 23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.665 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.000 min
 Lab File: VV023395.D
 Acq: 11 Nov 2021 18:11

Tgt Ion:180 Resp: 57936
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.9 115.3
 145 30.7 24.4 36.6





#71

Naphthalene

Concen: 4.740 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.000 min

Lab File: VV023395.D

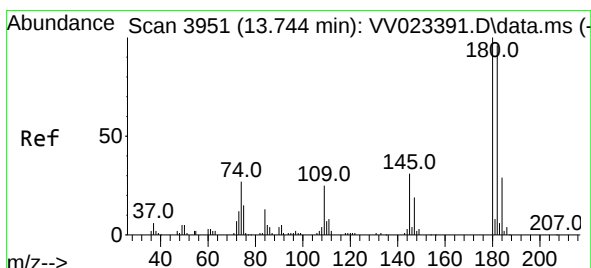
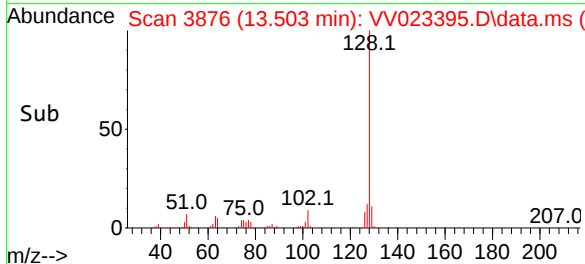
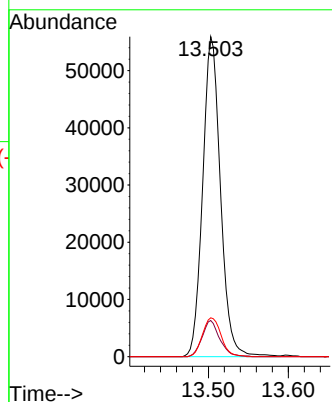
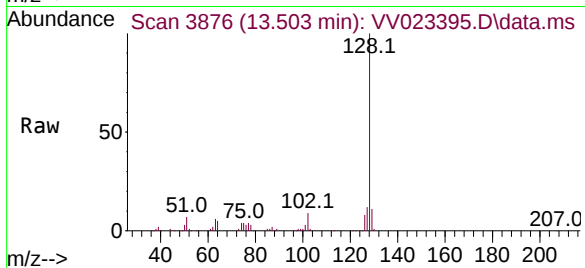
Acq: 11 Nov 2021 18:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	86804
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.6	13.0
127	12.7	10.5	15.7



#72

1,2,3-Trichlorobenzene

Concen: 4.930 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.000 min

Lab File: VV023395.D

Acq: 11 Nov 2021 18:11

Tgt Ion:	180	Resp:	53577
Ion Ratio	Lower	Upper	
180	100		
182	94.9	76.7	115.1
145	32.6	25.7	38.5

