

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
 Data File : VW023391.D
 Acq On : 11 Nov 2021 16:26
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 12 00:31:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 08:19:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	120966	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	118715	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63162	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34179	4.510	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.200%
7) Chloroethane-d5	1.568	69	27153	4.396	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.108	63	68074	4.799	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.000%
20) 2-Butanone-d5	3.905	46	59931	45.904	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.800%
24) Chloroform-d	4.352	84	71933	4.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.037	65	35267	4.856	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.053	84	142595	4.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.072	67	40797	4.550	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.316	98	135858	4.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	7.625	79	16006	4.708	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.091	63	65129	52.064	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.120%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31189	4.837	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	50509	4.803	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	57851	4.905	ug/L	99
3) Chloromethane	1.240	50	50817	5.067	ug/L	97
5) Vinyl chloride	1.307	62	52446	5.236	ug/L	99
6) Bromomethane	1.519	94	29977	4.682	ug/L	100
8) Chloroethane	1.584	64	30273	5.238	ug/L	99
9) Trichlorofluoromethane	1.751	101	79556	5.286	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	38508	5.083	ug/L	97
12) 1,1-Dichloroethene	2.117	96	36897	5.115	ug/L	89
13) Acetone	2.191	43	38590	48.374	ug/L	94
14) Carbon disulfide	2.294	76	135239	4.968	ug/L	100
15) Methyl Acetate	2.442	43	11653	5.161	ug/L	98
16) Methylene chloride	2.506	84	46683	4.435	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	93688	5.900	ug/L	96
18) trans-1,2-Dichloroethene	2.760	96	45698	5.153	ug/L	98
19) 1,1-Dichloroethane	3.191	63	79121	5.285	ug/L	98
21) 2-Butanone	3.992	43	70403	54.587	ug/L	98
22) cis-1,2-Dichloroethene	3.915	96	46400	5.437	ug/L	# 88
23) Bromochloromethane	4.252	128	21093	5.360	ug/L	87
25) Chloroform	4.378	83	85844	5.379	ug/L	97

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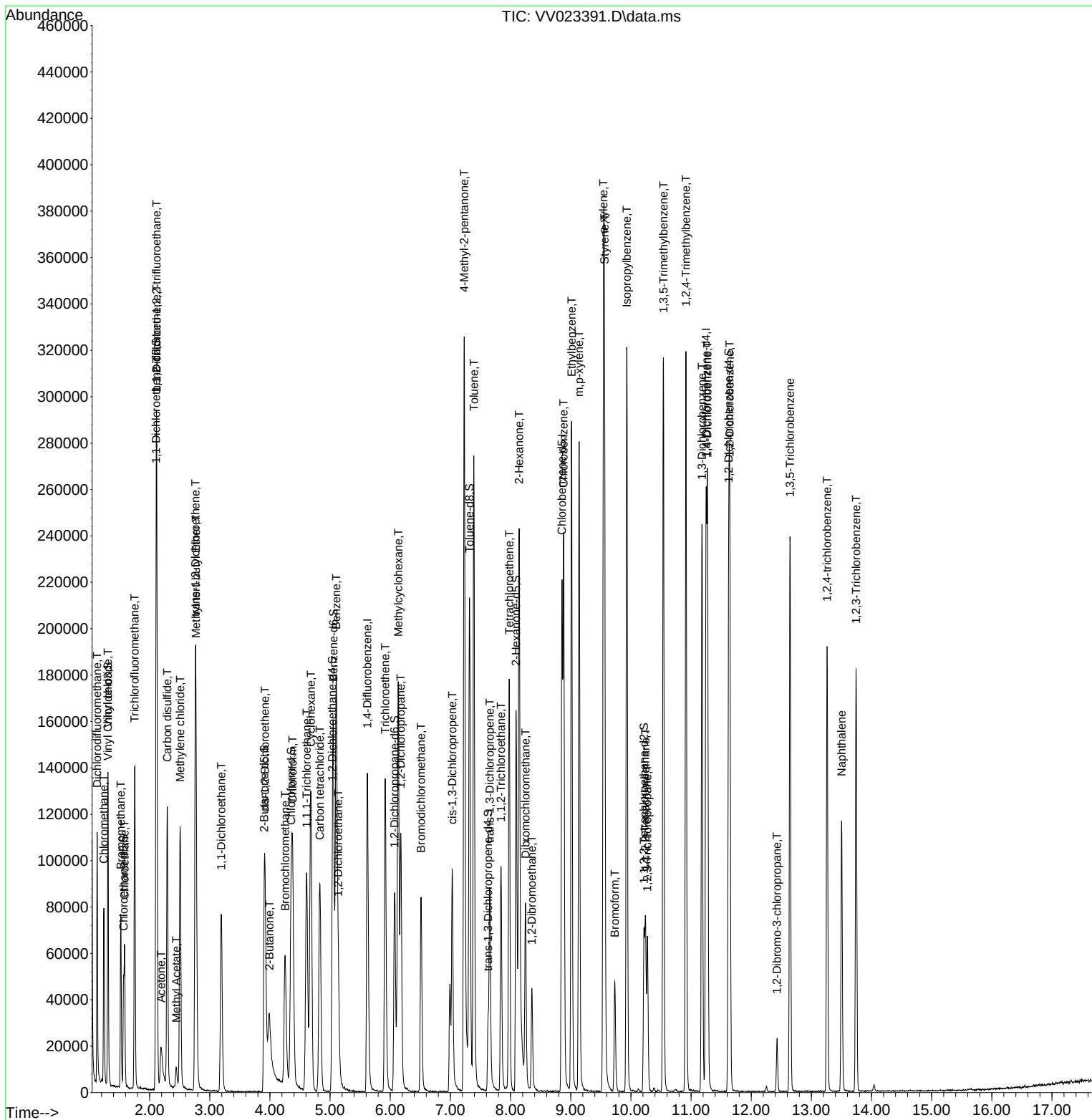
Instrument :
 MSVOA_V
 ClientSampleId :

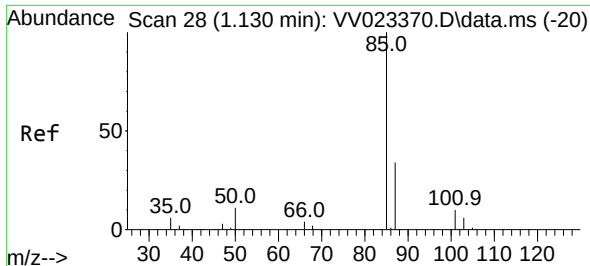
Quant Time: Nov 12 00:31:50 2021
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 08:19:32 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.136	62	46545	5.483	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	75479	5.235	ug/L	98
30) Cyclohexane	4.680	56	66128	5.118	ug/L	93
31) Carbon tetrachloride	4.831	117	69943	5.401	ug/L	96
33) Benzene	5.101	78	180491	5.440	ug/L	100
34) Trichloroethene	5.915	95	46534	5.274	ug/L	96
35) Methylcyclohexane	6.133	83	71624	5.143	ug/L	97
37) 1,2-Dichloropropane	6.175	63	43140	5.569	ug/L	100
38) Bromodichloromethane	6.513	83	57548	5.544	ug/L	96
39) cis-1,3-Dichloropropene	7.030	75	58378	5.240	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	235073	65.432	ug/L	99
42) Toluene	7.390	91	196872	5.547	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	51305	5.550	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	31256	5.616	ug/L	96
47) Tetrachloroethene	7.979	164	39684	5.189	ug/L	97
48) 2-Hexanone	8.143	43	168021	66.743	ug/L	99
49) Dibromochloromethane	8.249	129	40444	5.735	ug/L	99
50) 1,2-Dibromoethane	8.355	107	29342	5.689	ug/L	98
51) Chlorobenzene	8.882	112	125314	5.312	ug/L	100
52) Ethylbenzene	9.014	91	198550	5.304	ug/L	98
53) m,p-xylene	9.140	106	78791	5.364	ug/L	98
54) o-xylene	9.545	106	75918	5.509	ug/L	99
55) Styrene	9.561	104	133332	5.648	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	34401	5.641	ug/L	100
59) Bromoform	9.731	173	22321	5.917	ug/L	99
60) Isopropylbenzene	9.934	105	202356	5.583	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	25220	6.011	ug/L	98
62) 1,3,5-Trimethylbenzene	10.541	105	167342	5.568	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	166384	5.562	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	99109	5.352	ug/L	95
65) 1,4-Dichlorobenzene	11.275	146	100072	5.291	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	92833	5.602	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5017	5.612	ug/L	91
69) 1,3,5-Trichlorobenzene	12.647	180	74318	5.125	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	59376	5.113	ug/L	98
71) Naphthalene	13.503	128	94345	5.510	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	54857	5.400	ug/L	99

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

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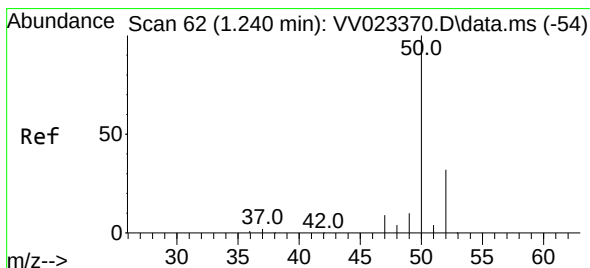
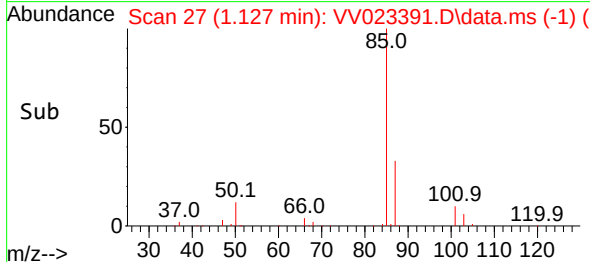
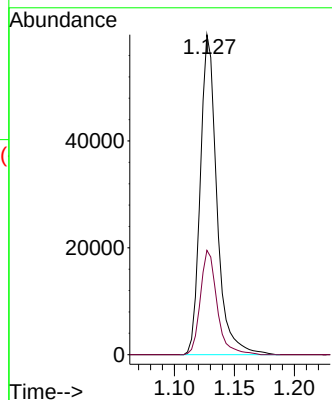
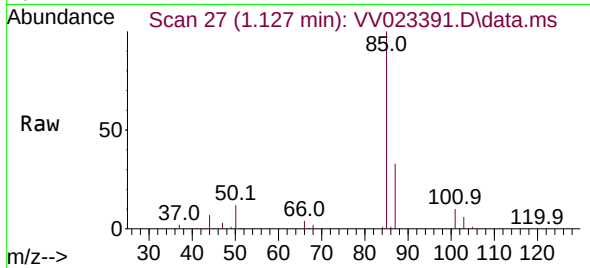




#2
 Dichlorodifluoromethane
 Concen: 4.905 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV023391.D
 Acq: 11 Nov 2021 16:26

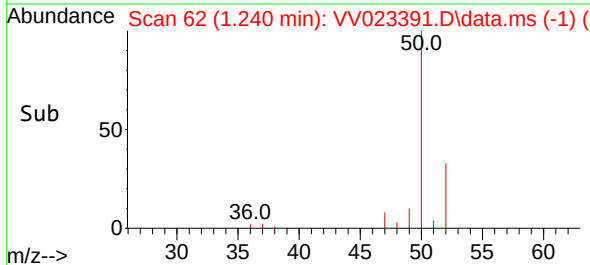
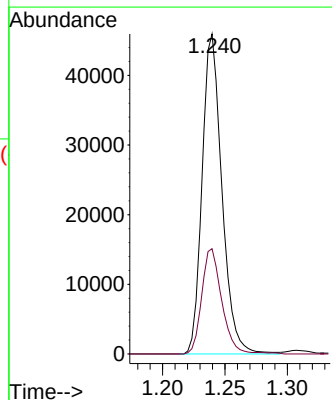
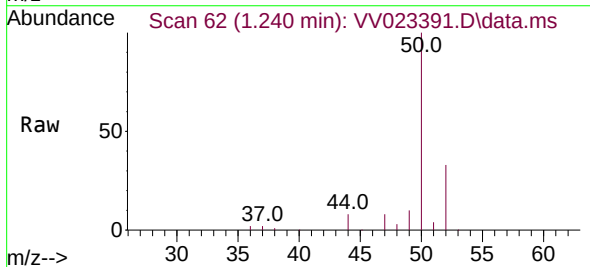
Instrument :
 MSVOA_V
 ClientSampleId :

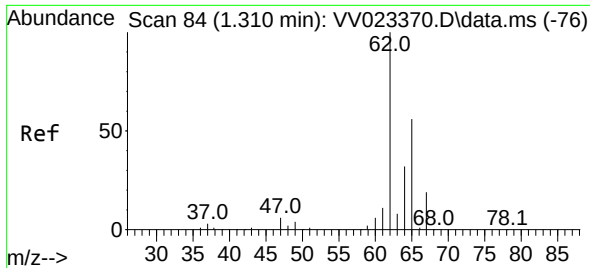
Tgt Ion: 85 Resp: 57851
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.6 39.8



#3
 Chloromethane
 Concen: 5.067 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV023391.D
 Acq: 11 Nov 2021 16:26

Tgt Ion: 50 Resp: 50817
 Ion Ratio Lower Upper
 50 100
 52 32.9 24.3 45.1

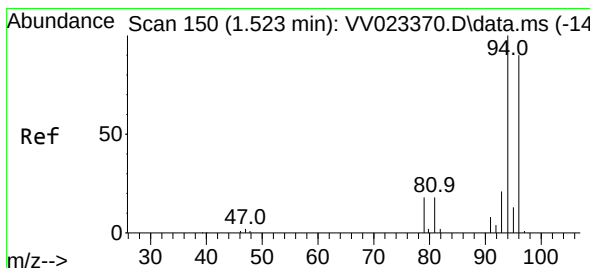
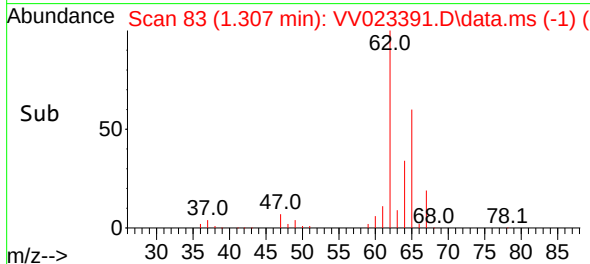
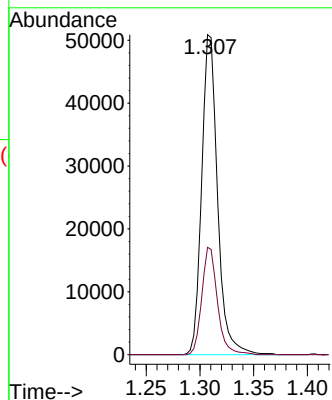
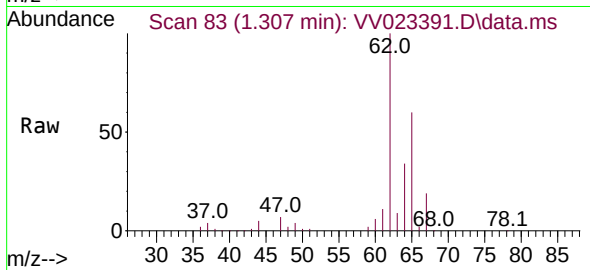




#5
 Vinyl chloride
 Concen: 5.236 ug/L
 RT: 1.307 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV023391.D
 Acq: 11 Nov 2021 16:26

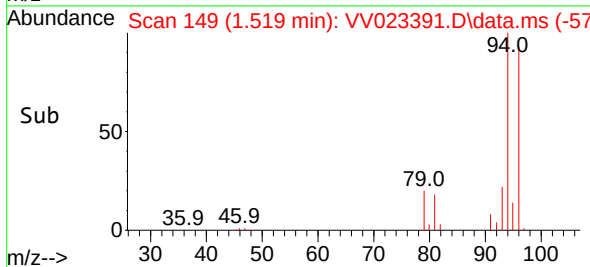
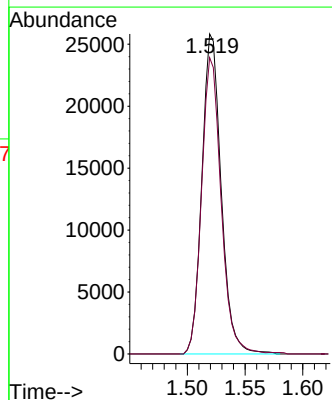
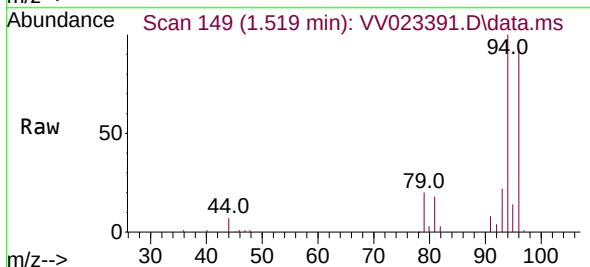
Instrument :
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 ClientSampleId :

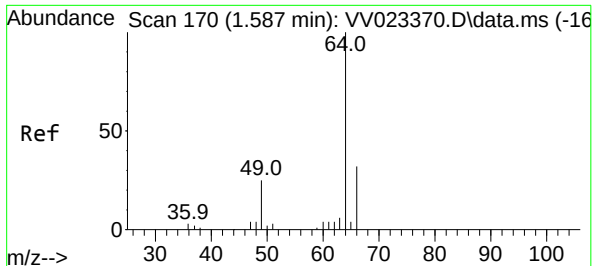
Tgt Ion: 62 Resp: 52446
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.1 42.9



#6
 Bromomethane
 Concen: 4.682 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV023391.D
 Acq: 11 Nov 2021 16:26

Tgt Ion: 94 Resp: 29977
 Ion Ratio Lower Upper
 94 100
 96 92.6 65.0 120.8

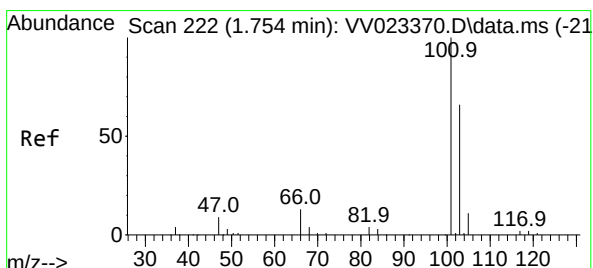
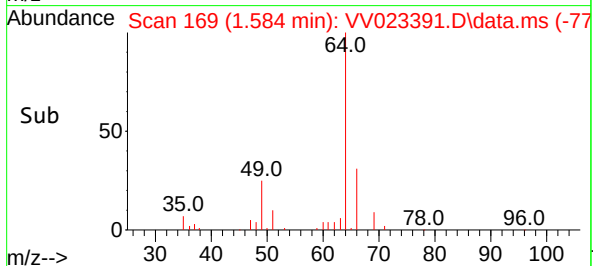
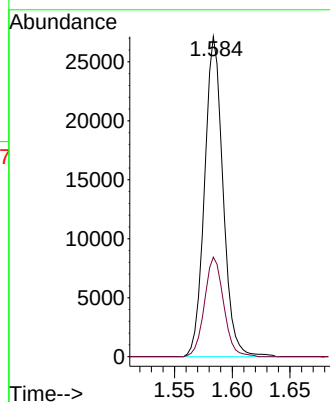
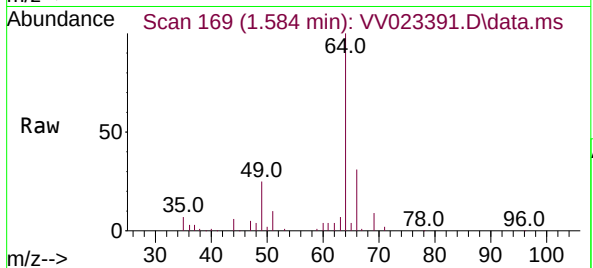




#8
Chloroethane
Concen: 5.238 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV023391.D
Acq: 11 Nov 2021 16:26

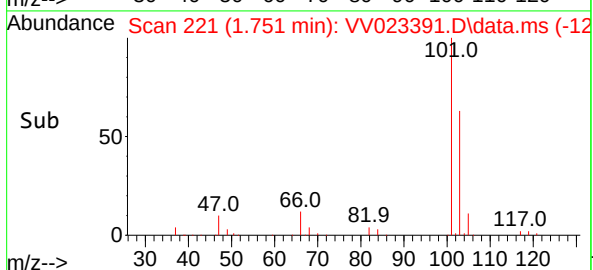
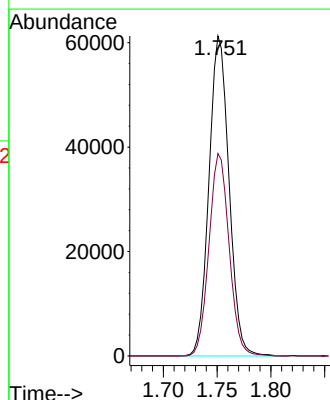
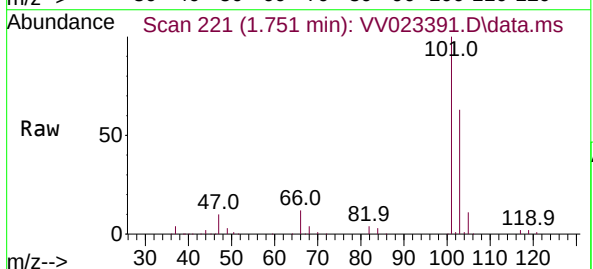
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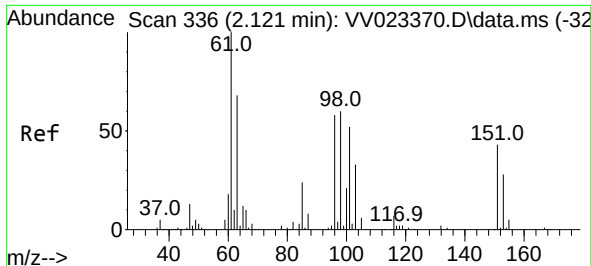
Tgt Ion: 64 Resp: 30273
Ion Ratio Lower Upper
64 100
66 31.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.286 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV023391.D
Acq: 11 Nov 2021 16:26

Tgt Ion:101 Resp: 79556
Ion Ratio Lower Upper
101 100
103 63.4 52.6 79.0

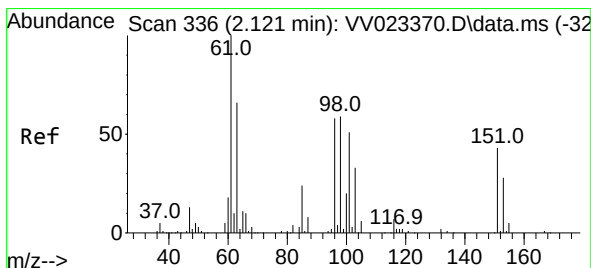
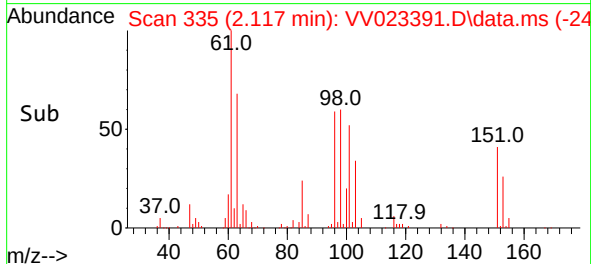
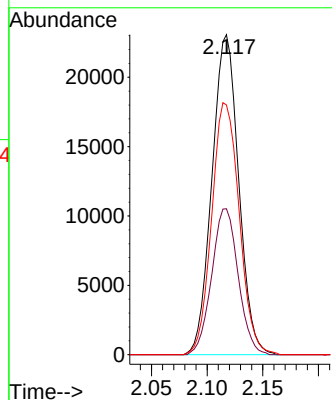
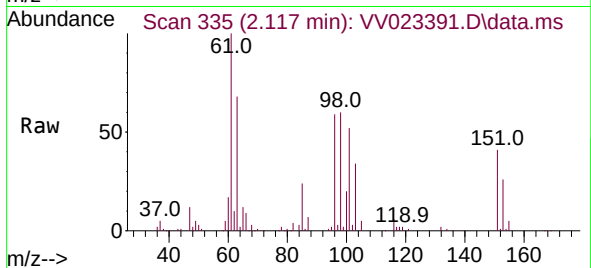




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.083 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV023391.D
Acq: 11 Nov 2021 16:26

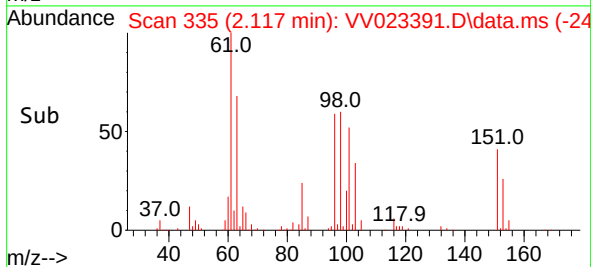
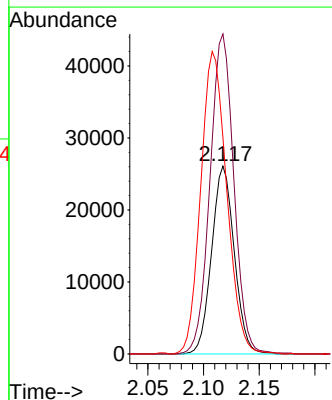
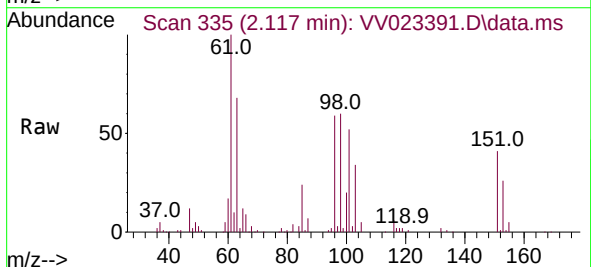
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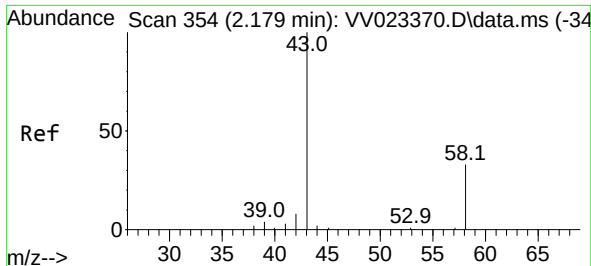
Tgt Ion:101 Resp: 38508
Ion Ratio Lower Upper
101 100
85 45.2 35.3 52.9
151 81.1 62.2 93.2



#12
1,1-Dichloroethene
Concen: 5.115 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV023391.D
Acq: 11 Nov 2021 16:26

Tgt Ion: 96 Resp: 36897
Ion Ratio Lower Upper
96 100
61 170.3 121.5 225.7
63 115.3 99.6 185.0





#13

Acetone

Concen: 48.374 ug/L

RT: 2.191 min Scan# 31

Delta R.T. 0.013 min

Lab File: VV023391.D

Acq: 11 Nov 2021 16:26

Instrument :

MSVOA_V

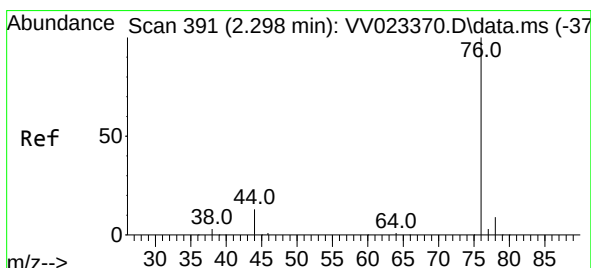
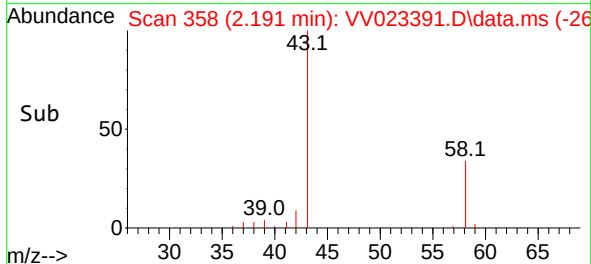
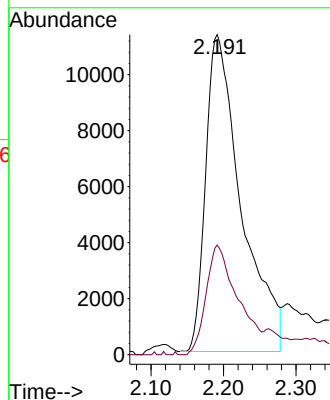
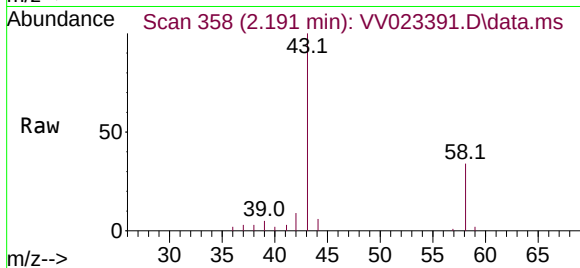
ClientSampleId :

Tgt Ion: 43 Resp: 38590

Ion Ratio Lower Upper

43 100

58 30.9 0.0 55.4



#14

Carbon disulfide

Concen: 4.968 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.003 min

Lab File: VV023391.D

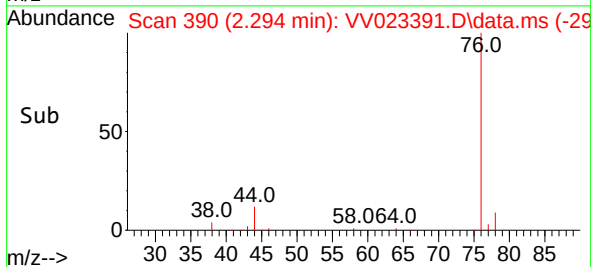
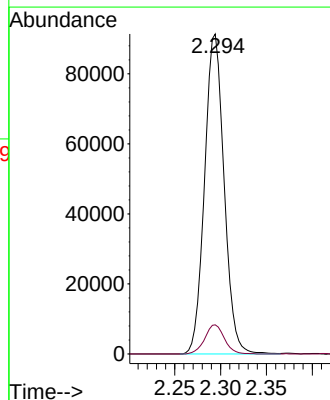
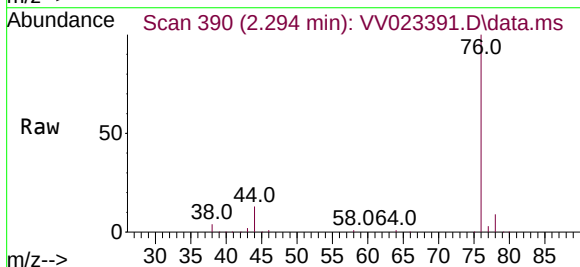
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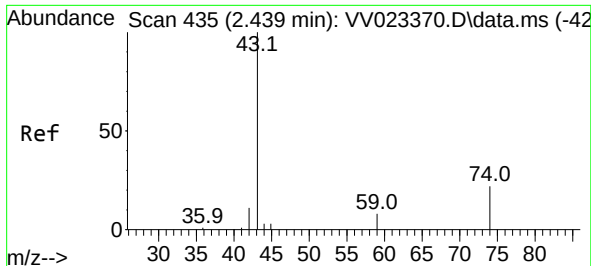
Tgt Ion: 76 Resp: 135239

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

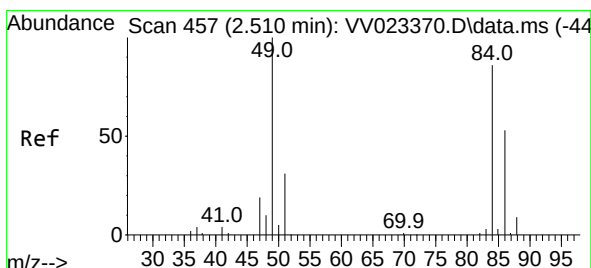
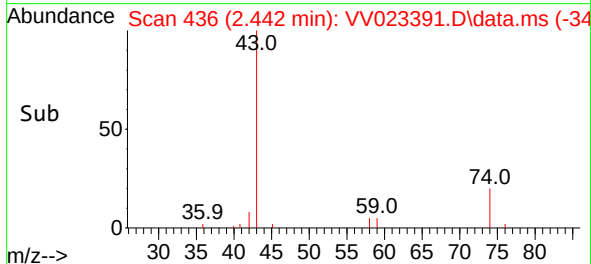
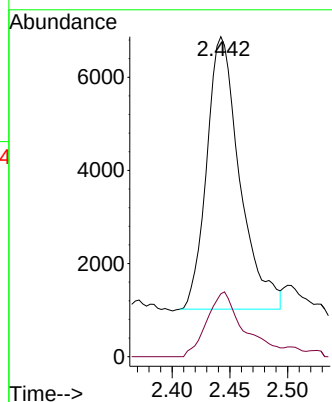
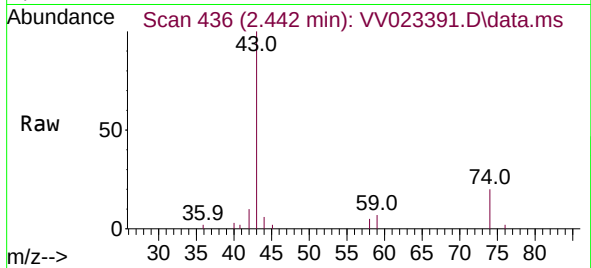




#15
Methyl Acetate
Concen: 5.161 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV023391.D
Acq: 11 Nov 2021 16:26

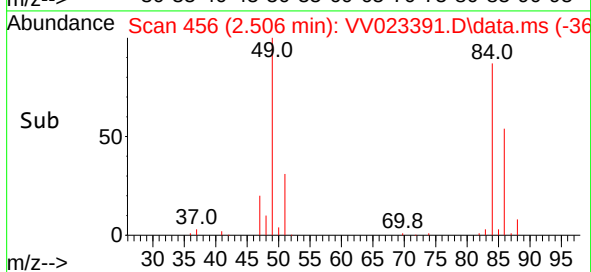
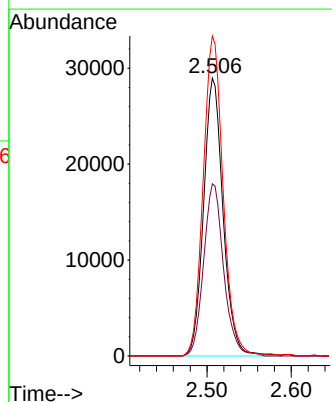
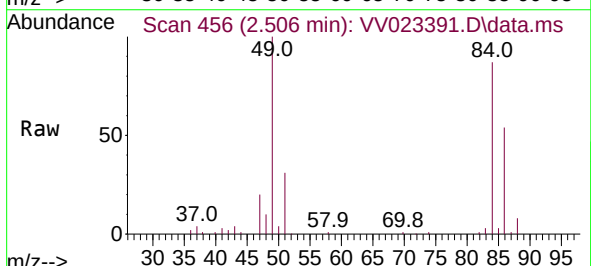
Instrument :
MSVOA_V
ClientSampleId :

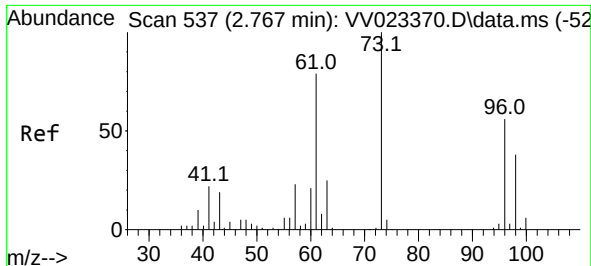
Tgt Ion: 43 Resp: 11653
Ion Ratio Lower Upper
43 100
74 26.8 22.2 33.2



#16
Methylene chloride
Concen: 4.435 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV023391.D
Acq: 11 Nov 2021 16:26

Tgt Ion: 84 Resp: 46683
Ion Ratio Lower Upper
84 100
86 62.0 42.3 78.5
49 115.2 79.7 148.1





#17

Methyl tert-butyl Ether

Concen: 5.900 ug/L

RT: 2.770 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV023391.D

Acq: 11 Nov 2021 16:26

Instrument :

MSVOA_V

ClientSampleId :

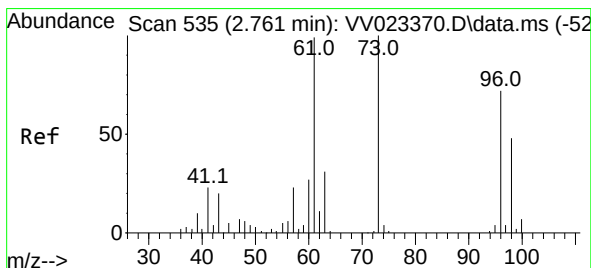
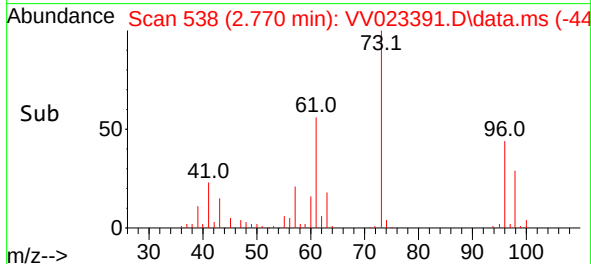
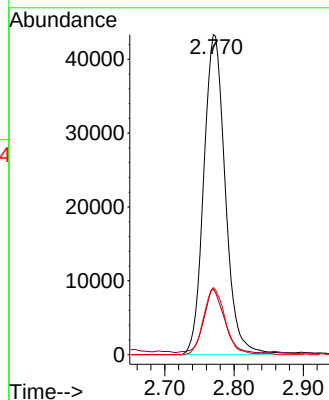
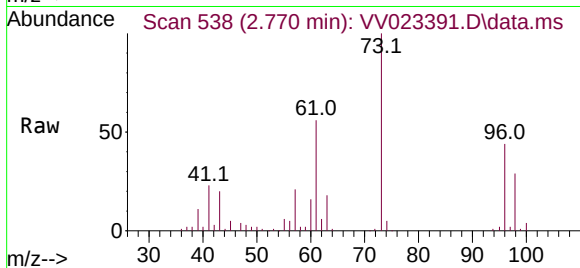
Tgt Ion: 73 Resp: 93688

Ion Ratio Lower Upper

73 100

43 18.7 17.4 26.0

57 20.9 16.5 24.7



#18

trans-1,2-Dichloroethene

Concen: 5.153 ug/L

RT: 2.760 min Scan# 535

Delta R.T. -0.000 min

Lab File: VV023391.D

Acq: 11 Nov 2021 16:26

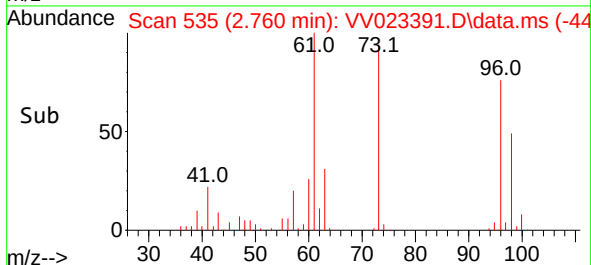
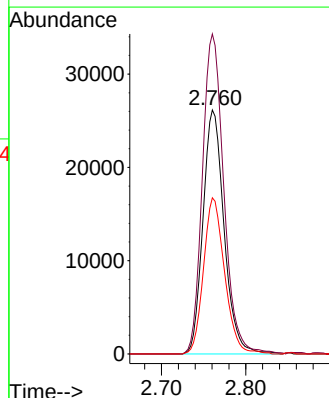
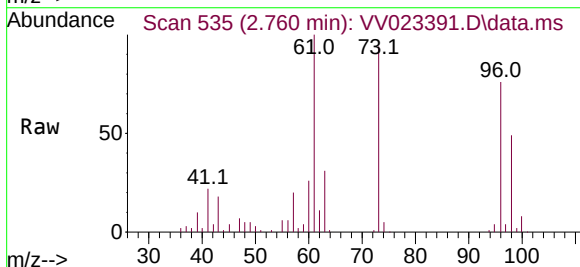
Tgt Ion: 96 Resp: 45698

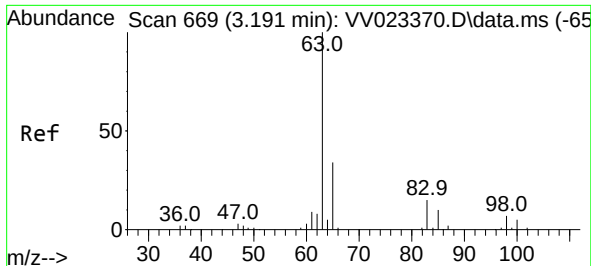
Ion Ratio Lower Upper

96 100

61 131.1 93.2 173.2

98 64.0 47.0 87.2





#19

1,1-Dichloroethane

Concen: 5.285 ug/L

RT: 3.191 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV023391.D

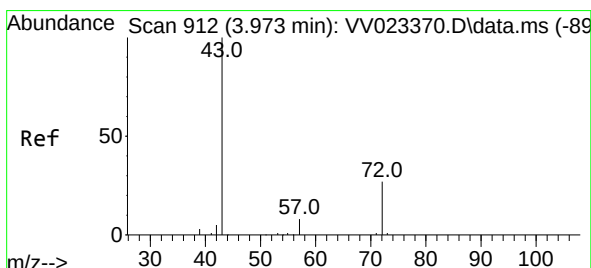
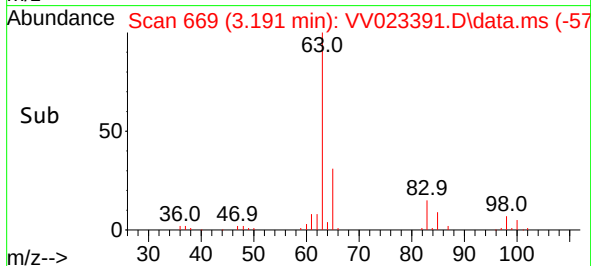
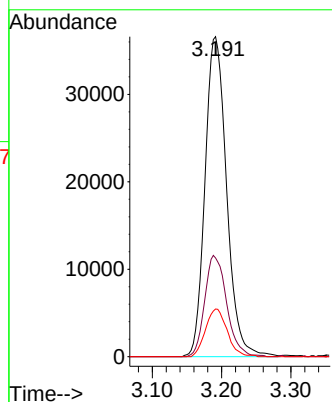
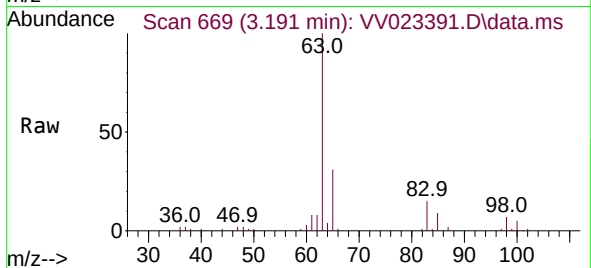
Acq: 11 Nov 2021 16:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	79121
Ion	Ratio	Lower	Upper
63	100		
65	30.9	22.6	42.0
83	14.9	11.1	20.7



#21

2-Butanone

Concen: 54.587 ug/L

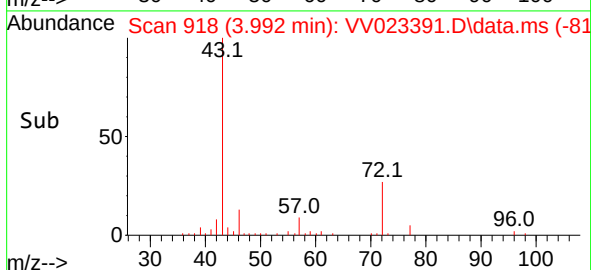
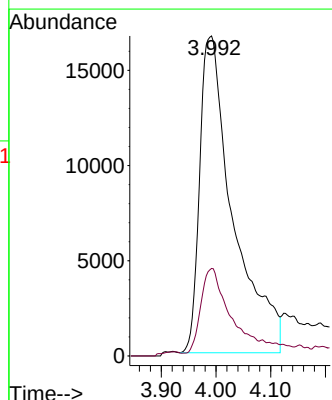
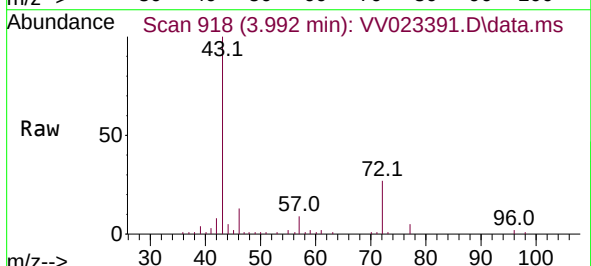
RT: 3.992 min Scan# 918

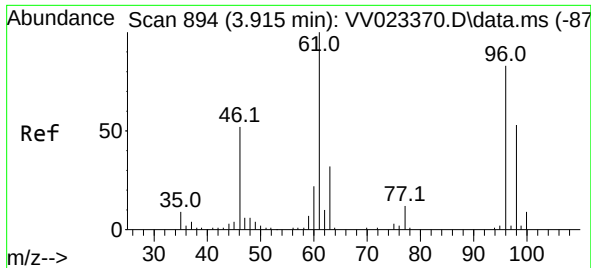
Delta R.T. 0.019 min

Lab File: VV023391.D

Acq: 11 Nov 2021 16:26

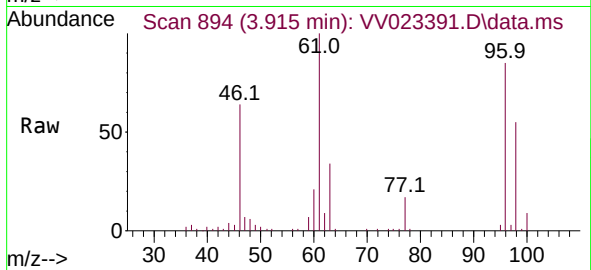
Tgt Ion:	43	Resp:	70403
Ion	Ratio	Lower	Upper
43	100		
72	22.8	11.9	35.9



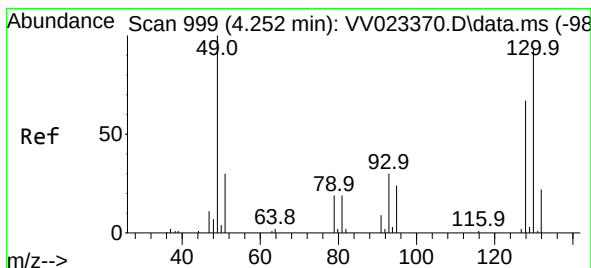
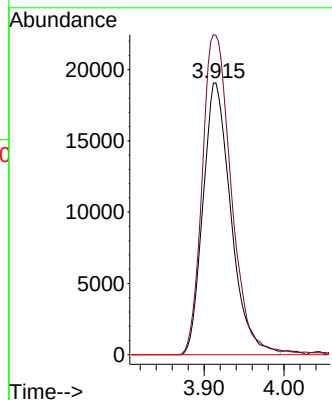
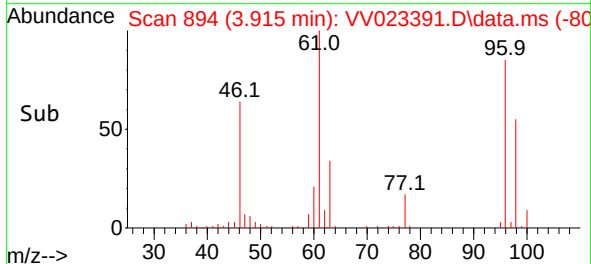


#22
 cis-1,2-Dichloroethene
 Concen: 5.437 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. -0.000 min
 Lab File: VV023391.D
 Acq: 11 Nov 2021 16:26

Instrument :
 MSVOA_V
 ClientSampleId :

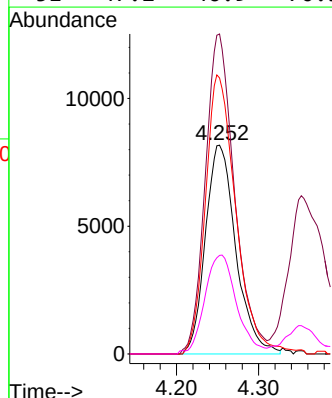
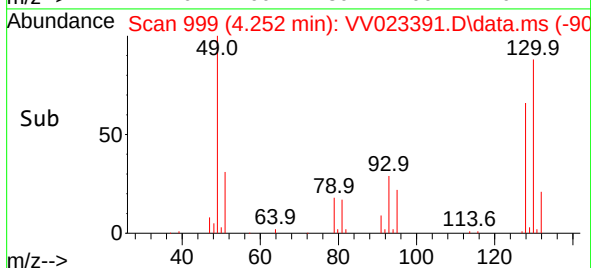
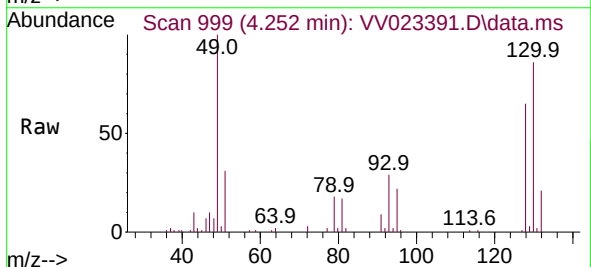


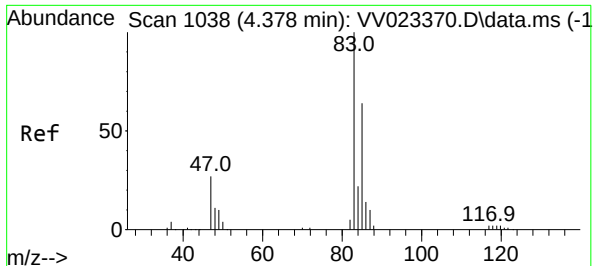
Tgt Ion: 96 Resp: 46400
 Ion Ratio Lower Upper
 96 100
 61 117.5 92.3 171.3
 68 0.0 0.4 0.8#



#23
 Bromochloromethane
 Concen: 5.360 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. -0.000 min
 Lab File: VV023391.D
 Acq: 11 Nov 2021 16:26

Tgt Ion: 128 Resp: 21093
 Ion Ratio Lower Upper
 128 100
 49 153.2 126.1 234.3
 130 132.1 95.2 176.8
 51 47.2 46.9 70.3





#25

Chloroform

Concen: 5.379 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VV023391.D

Acq: 11 Nov 2021 16:26

Instrument :

MSVOA_V

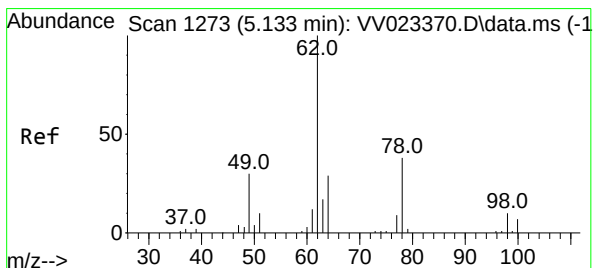
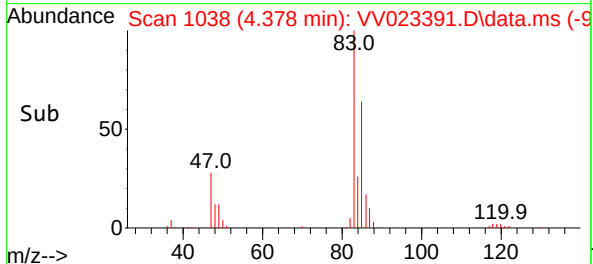
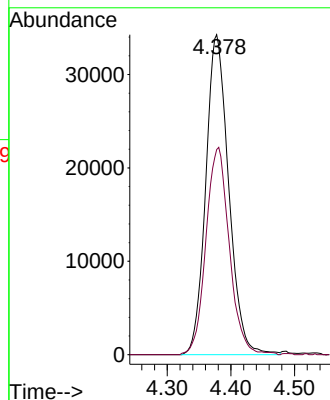
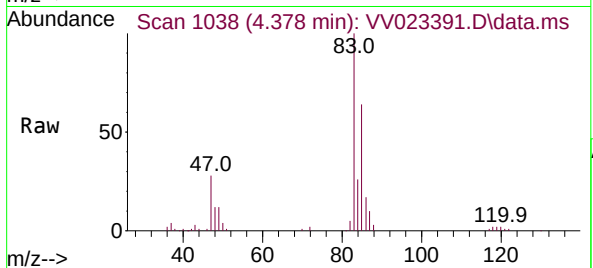
ClientSampleId :

Tgt Ion: 83 Resp: 85844

Ion Ratio Lower Upper

83 100

85 64.1 46.8 86.8



#27

1,2-Dichloroethane

Concen: 5.483 ug/L

RT: 5.136 min Scan# 1274

Delta R.T. 0.003 min

Lab File: VV023391.D

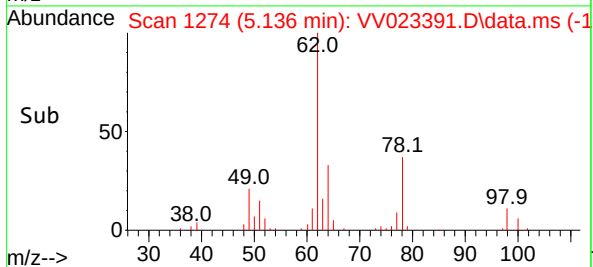
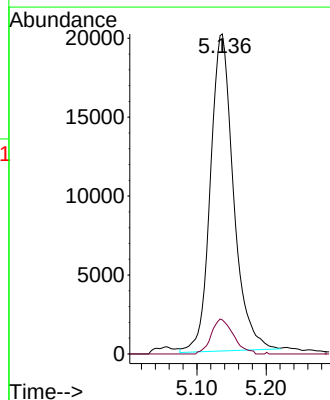
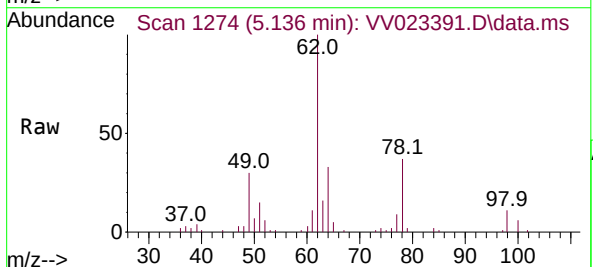
Acq: 11 Nov 2021 16:26

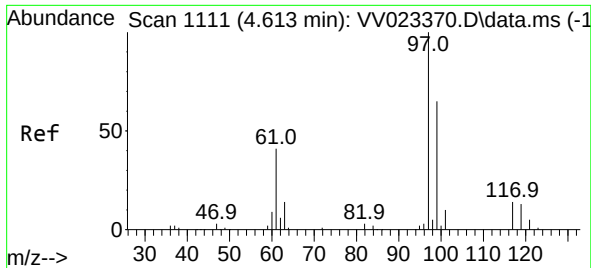
Tgt Ion: 62 Resp: 46545

Ion Ratio Lower Upper

62 100

98 10.7 8.2 12.4

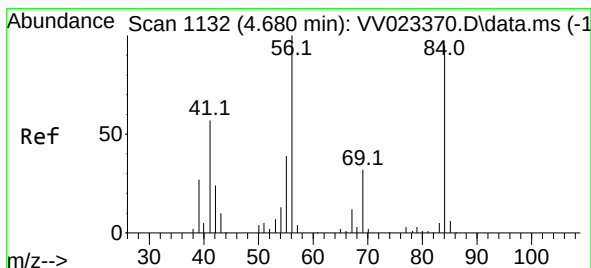
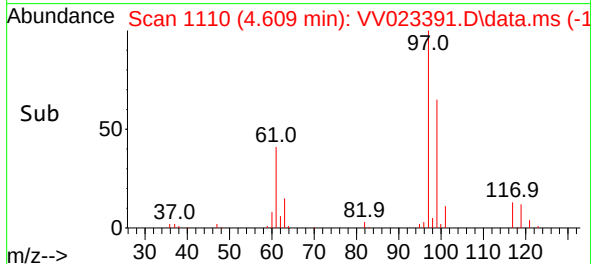
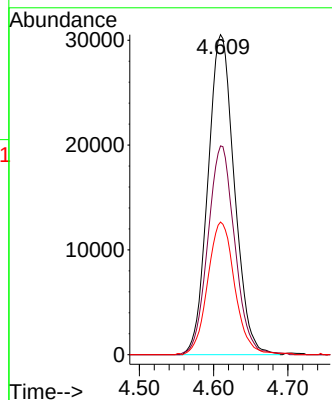
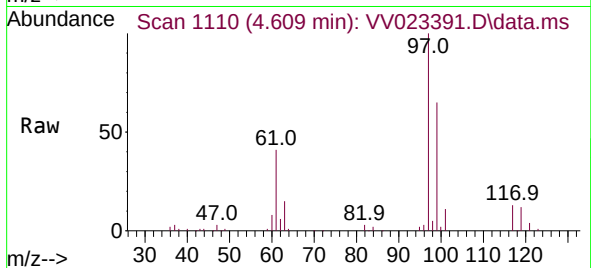




#29
1,1,1-Trichloroethane
Concen: 5.235 ug/L
RT: 4.609 min Scan# 1111
Delta R.T. -0.003 min
Lab File: VV023391.D
Acq: 11 Nov 2021 16:26

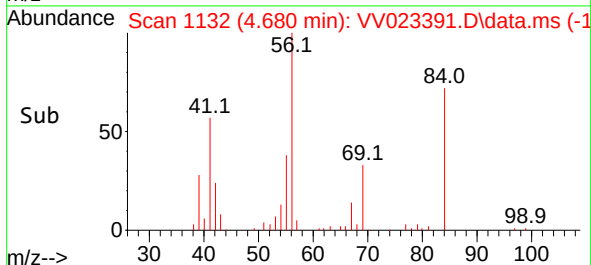
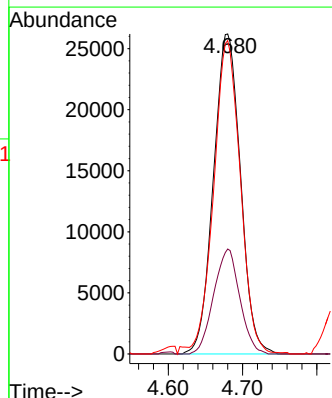
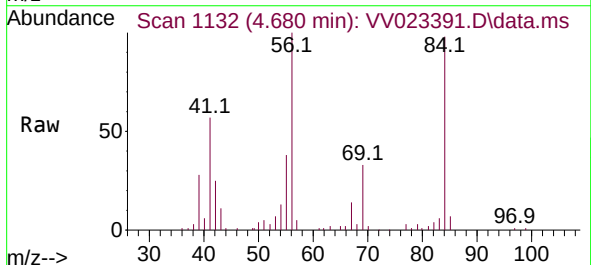
Instrument :
MSVOA_V
ClientSampleId :

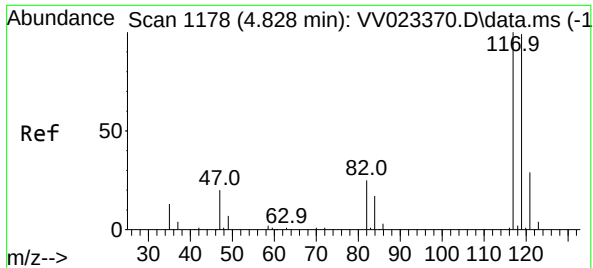
Tgt Ion: 97 Resp: 75479
Ion Ratio Lower Upper
97 100
99 66.5 51.0 76.4
61 42.4 34.1 51.1



#30
Cyclohexane
Concen: 5.118 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VV023391.D
Acq: 11 Nov 2021 16:26

Tgt Ion: 56 Resp: 66128
Ion Ratio Lower Upper
56 100
69 31.6 23.5 35.3
84 96.4 71.6 107.4

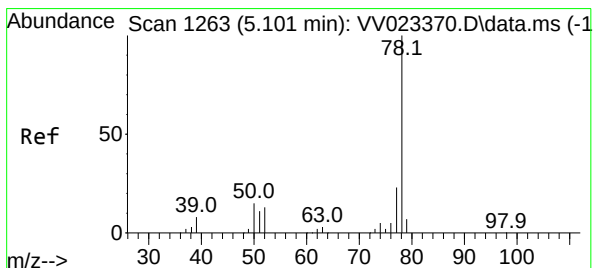
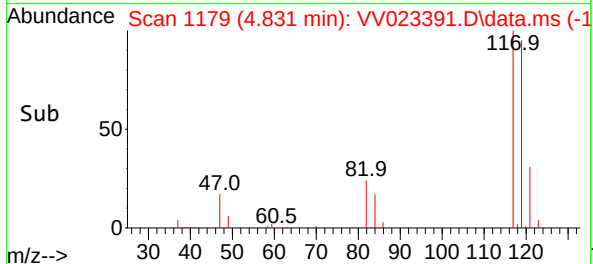
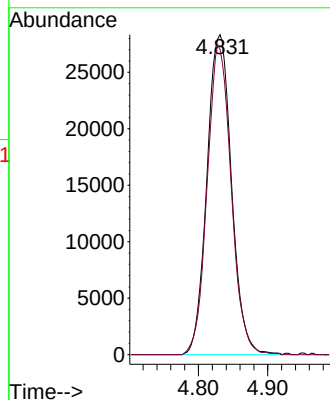
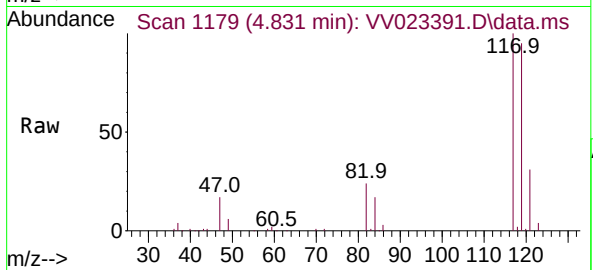




#31
Carbon tetrachloride
Concen: 5.401 ug/L
RT: 4.831 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV023391.D
Acq: 11 Nov 2021 16:26

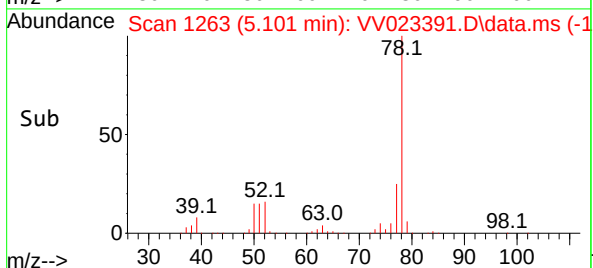
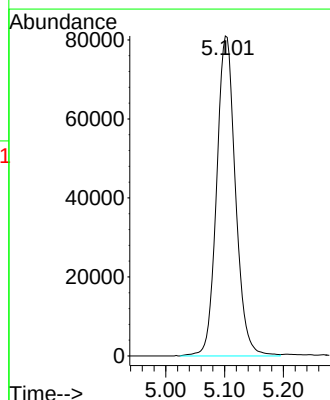
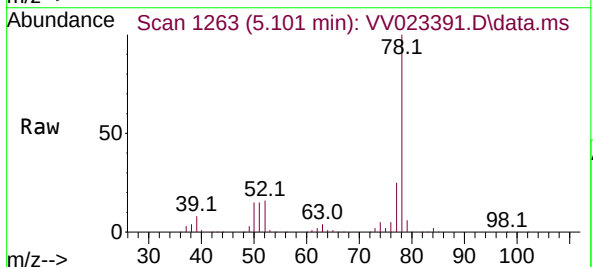
Instrument :
MSVOA_V
ClientSampleId :

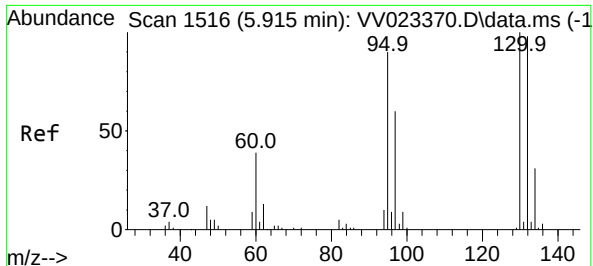
Tgt Ion:117 Resp: 69943
Ion Ratio Lower Upper
117 100
119 94.1 78.8 118.2



#33
Benzene
Concen: 5.440 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV023391.D
Acq: 11 Nov 2021 16:26

Tgt Ion: 78 Resp: 180491

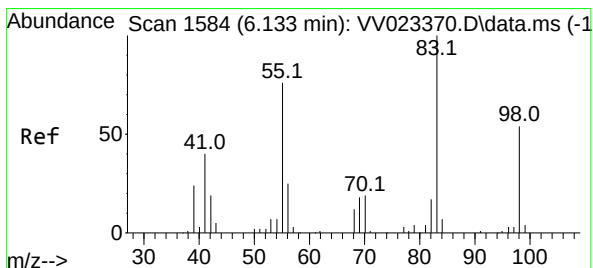
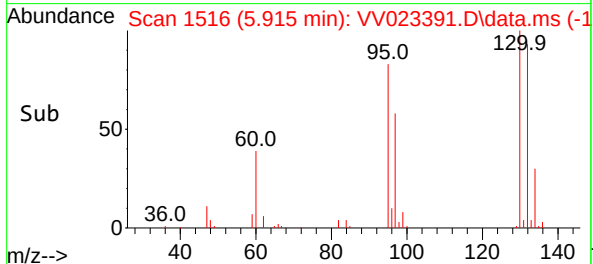
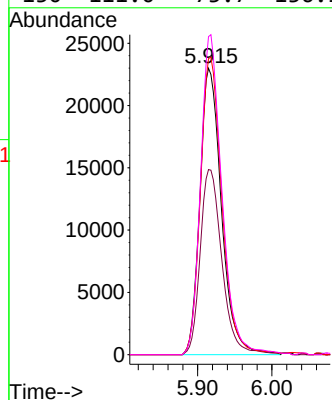
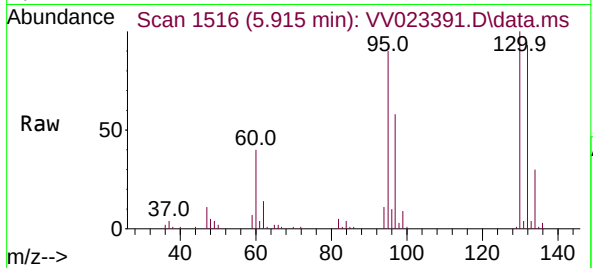




#34
Trichloroethene
Concen: 5.274 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV023391.D
Acq: 11 Nov 2021 16:26

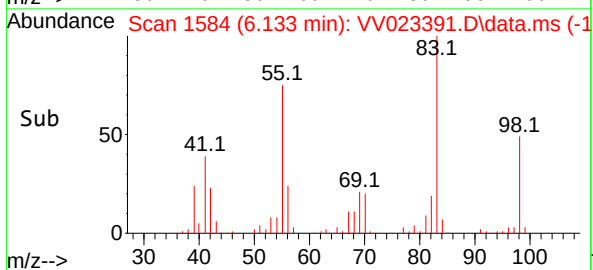
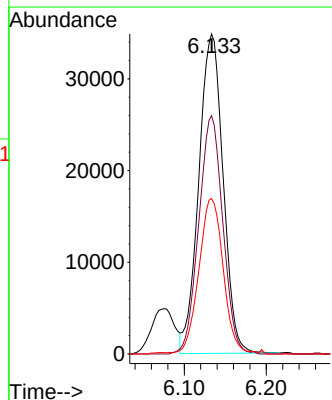
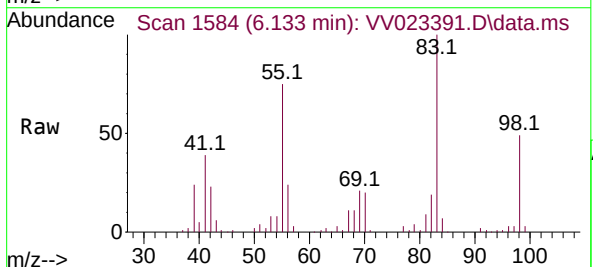
Instrument :
MSVOA_V
ClientSampleId :

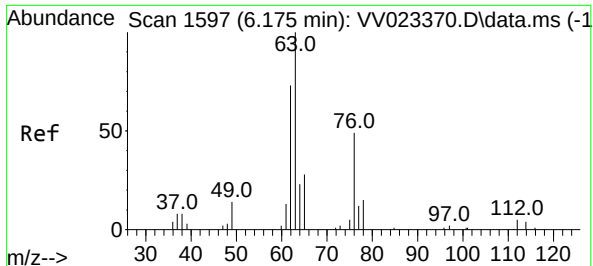
Tgt Ion: 95 Resp: 46534
Ion Ratio Lower Upper
95 100
97 64.7 45.0 83.6
132 103.3 69.7 129.4
130 111.0 73.7 136.9



#35
Methylcyclohexane
Concen: 5.143 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VV023391.D
Acq: 11 Nov 2021 16:26

Tgt Ion: 83 Resp: 71624
Ion Ratio Lower Upper
83 100
55 74.0 62.8 94.2
98 47.7 37.9 56.9





#37

1,2-Dichloropropane

Concen: 5.569 ug/L

RT: 6.175 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV023391.D

Acq: 11 Nov 2021 16:26

Instrument :

MSVOA_V

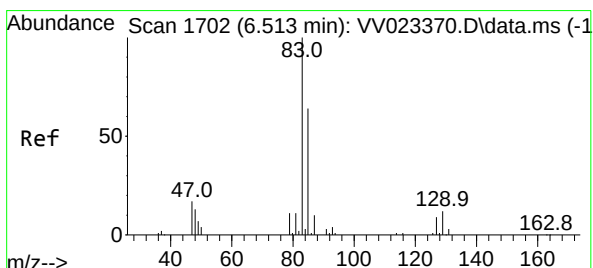
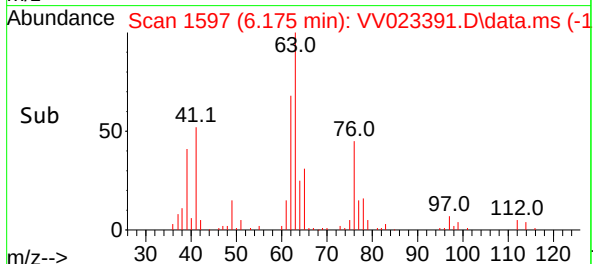
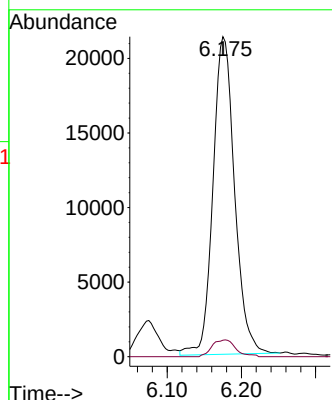
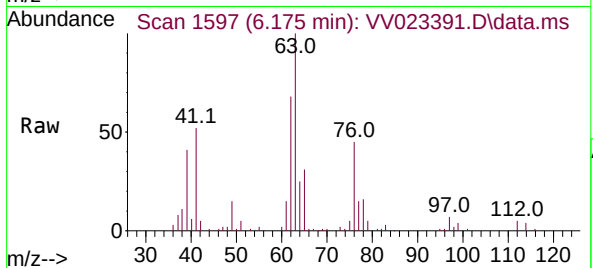
ClientSampleId :

Tgt Ion: 63 Resp: 43140

Ion Ratio Lower Upper

63 100

112 5.8 4.6 6.8



#38

Bromodichloromethane

Concen: 5.544 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VV023391.D

Acq: 11 Nov 2021 16:26

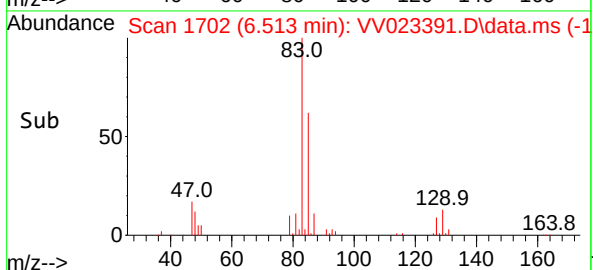
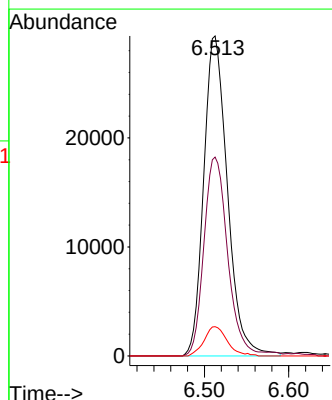
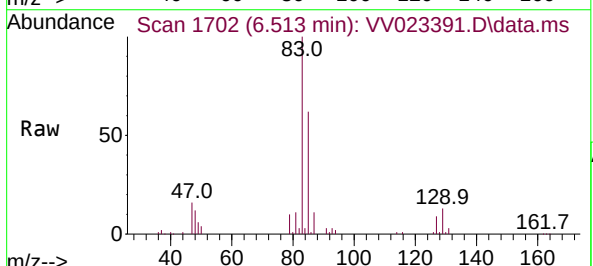
Tgt Ion: 83 Resp: 57548

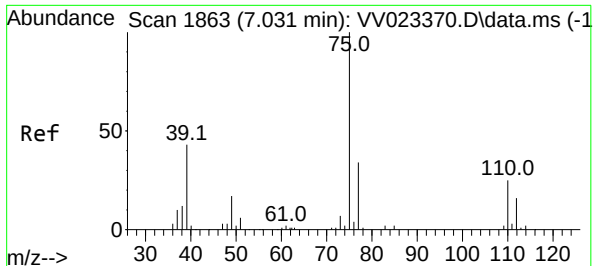
Ion Ratio Lower Upper

83 100

85 62.2 46.1 85.7

127 9.2 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.240 ug/L

RT: 7.030 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV023391.D

Acq: 11 Nov 2021 16:26

Instrument :

MSVOA_V

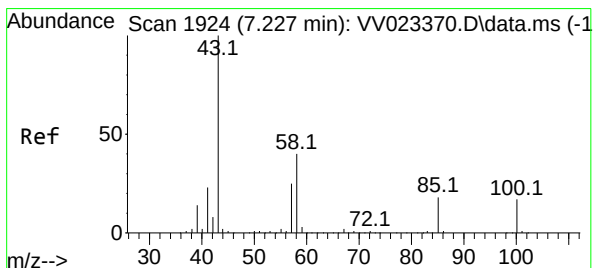
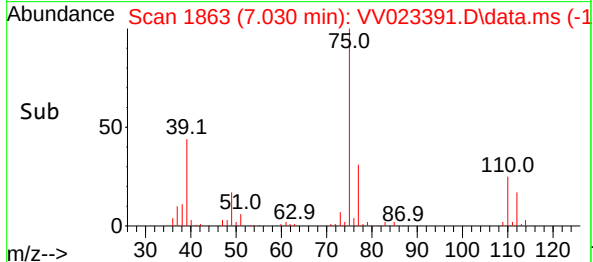
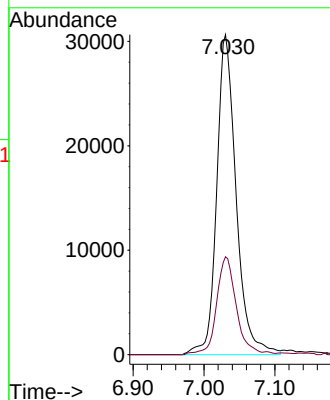
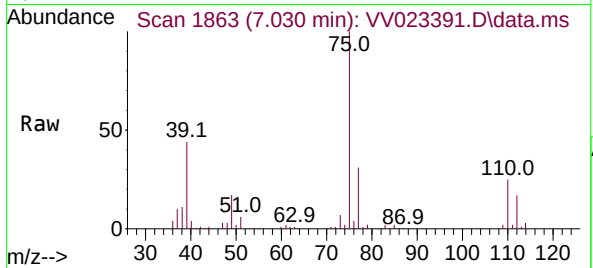
ClientSampleId :

Tgt Ion: 75 Resp: 58378

Ion Ratio Lower Upper

75 100

77 30.6 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 65.432 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VV023391.D

Acq: 11 Nov 2021 16:26

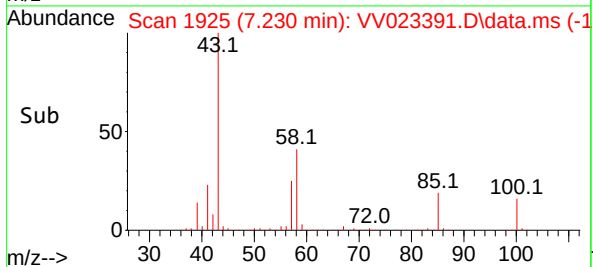
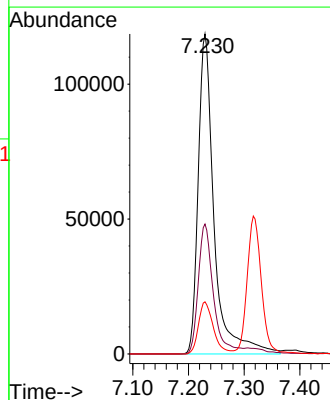
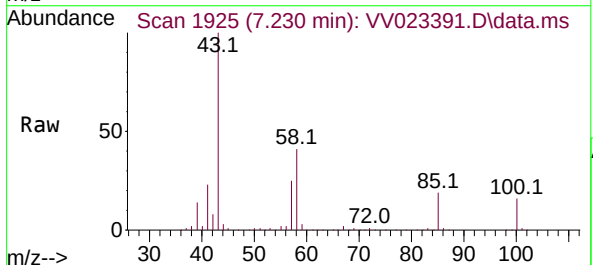
Tgt Ion: 43 Resp: 235073

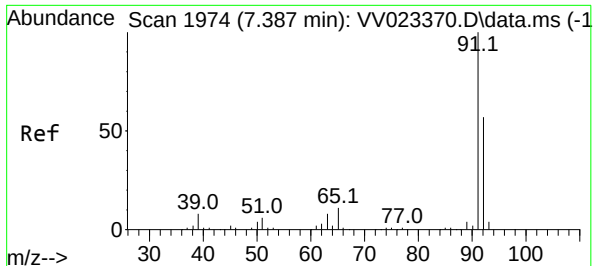
Ion Ratio Lower Upper

43 100

58 38.6 31.1 46.7

100 15.3 12.6 19.0





#42

Toluene

Concen: 5.547 ug/L

RT: 7.390 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV023391.D

Acq: 11 Nov 2021 16:26

Instrument :

MSVOA_V

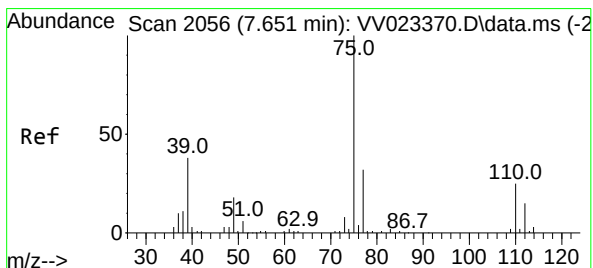
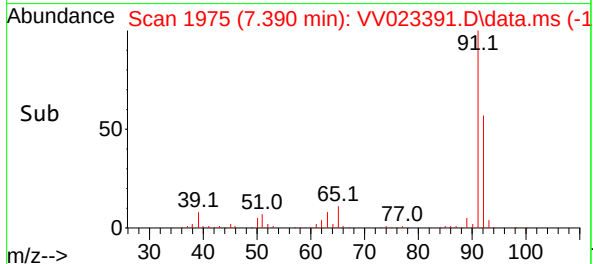
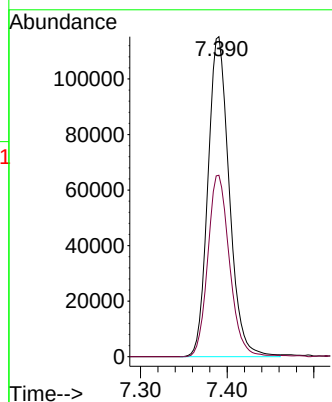
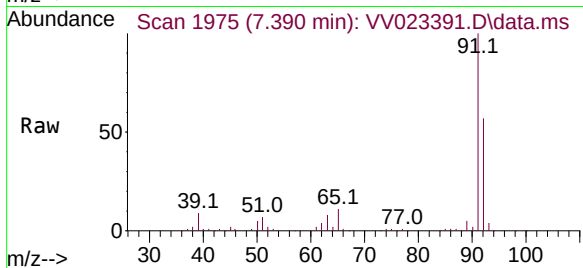
ClientSampleId :

Tgt Ion: 91 Resp: 196872

Ion Ratio Lower Upper

91 100

92 56.7 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 5.550 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV023391.D

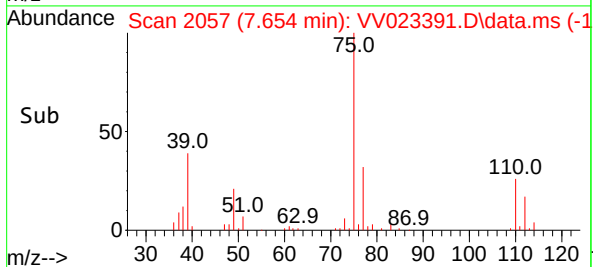
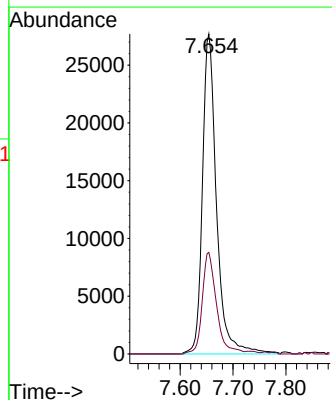
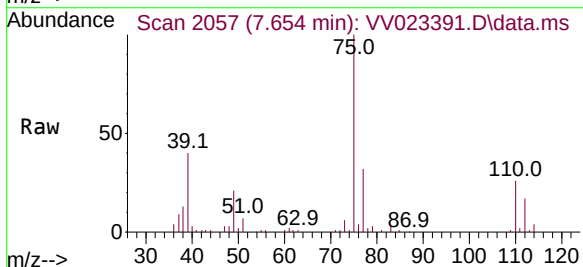
Acq: 11 Nov 2021 16:26

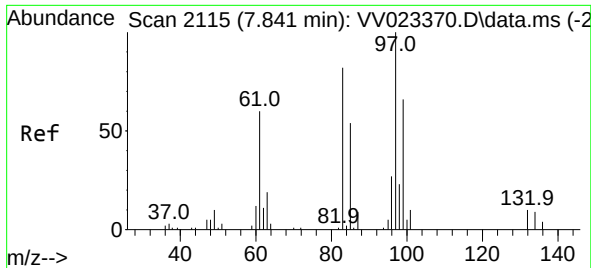
Tgt Ion: 75 Resp: 51305

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.7

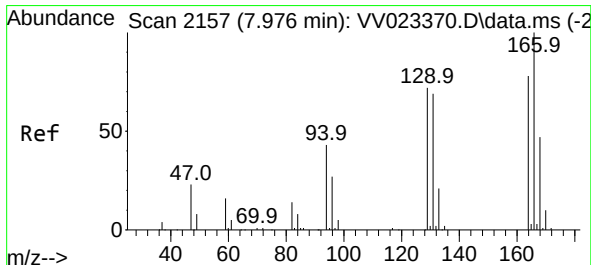
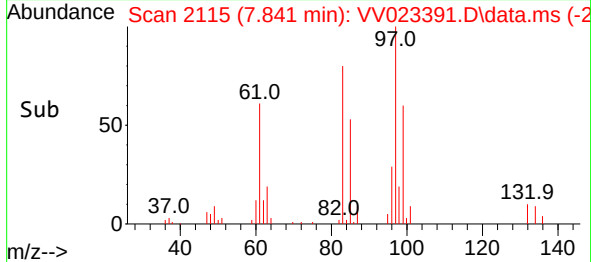
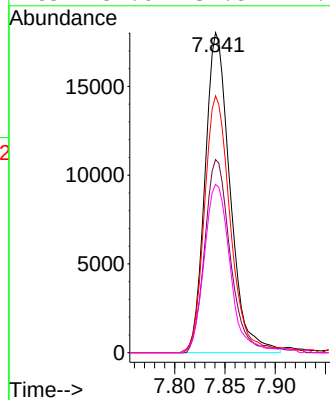
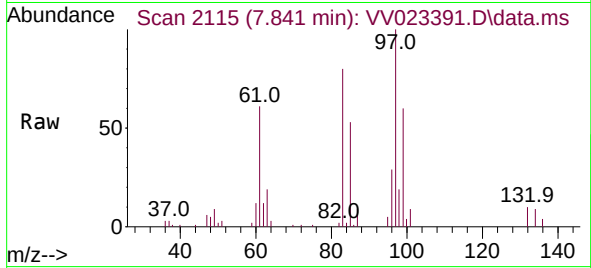




#45
1,1,2-Trichloroethane
Concen: 5.616 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV023391.D
Acq: 11 Nov 2021 16:26

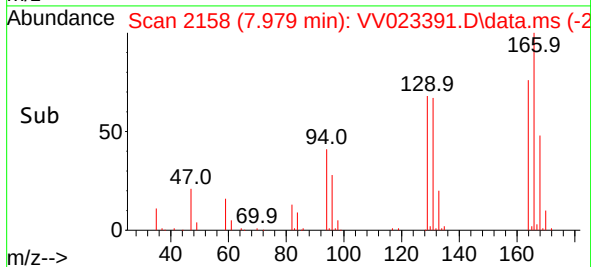
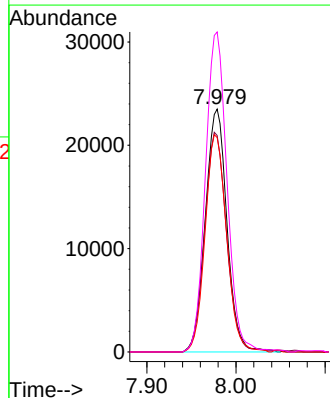
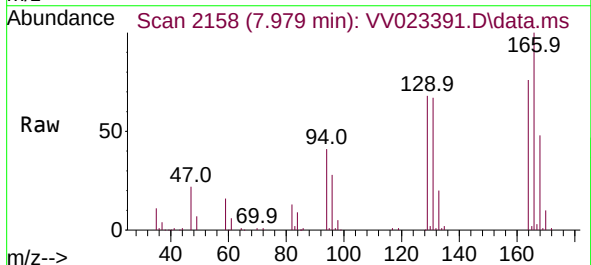
Instrument :
MSVOA_V
ClientSampleId :

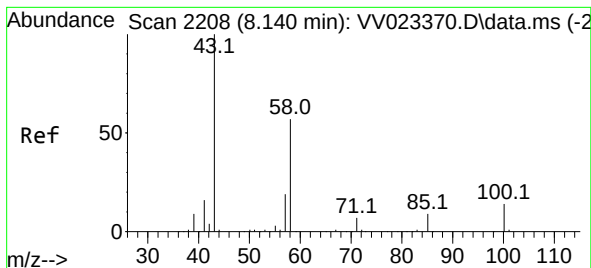
Tgt Ion: 97	Resp: 31256
Ion Ratio	Lower Upper
97 100	
99 60.4	43.6 81.0
83 80.2	58.4 108.4
85 52.6	39.8 74.0



#47
Tetrachloroethene
Concen: 5.189 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV023391.D
Acq: 11 Nov 2021 16:26

Tgt	Ion:164	Resp:	39684
Ion	Ratio	Lower	Upper
164	100		
129	89.1	64.0	119.0
131	88.3	63.4	117.8
166	131.8	89.3	165.9





#48

2-Hexanone

Concen: 66.743 ug/L

RT: 8.143 min Scan# 2209

Delta R.T. 0.003 min

Lab File: VV023391.D

Acq: 11 Nov 2021 16:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 168021

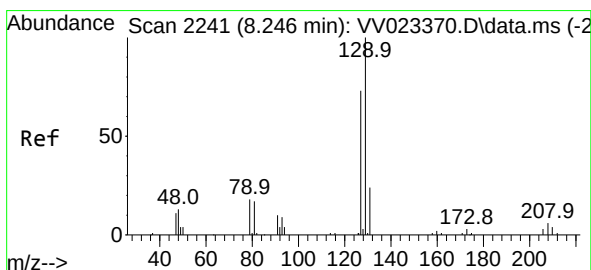
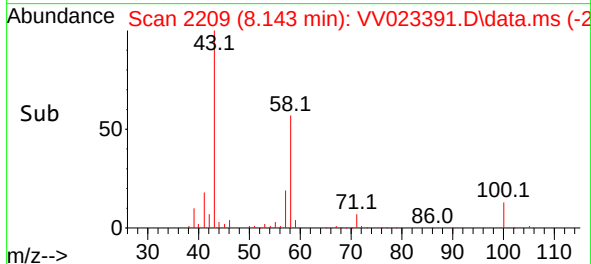
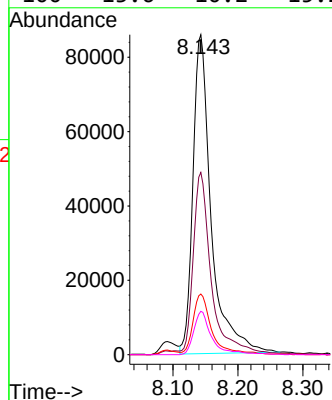
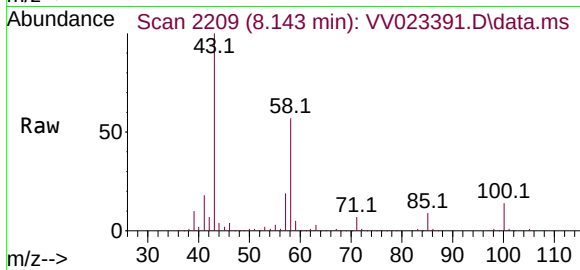
Ion Ratio Lower Upper

43 100

58 54.9 43.7 65.5

57 19.1 14.1 21.1

100 13.6 10.2 15.2



#49

Dibromochloromethane

Concen: 5.735 ug/L

RT: 8.249 min Scan# 2242

Delta R.T. 0.003 min

Lab File: VV023391.D

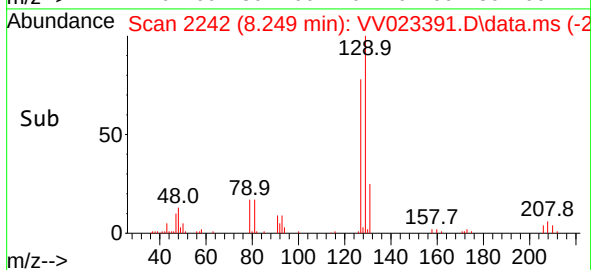
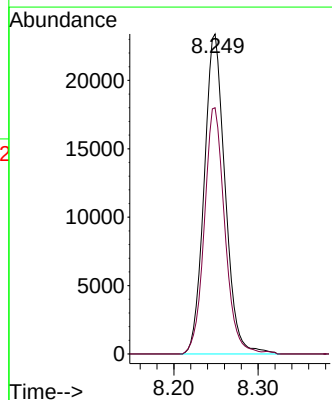
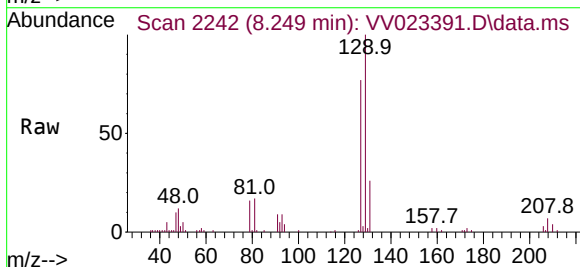
Acq: 11 Nov 2021 16:26

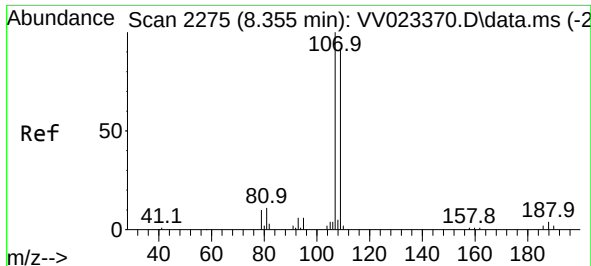
Tgt Ion:129 Resp: 40444

Ion Ratio Lower Upper

129 100

127 76.9 54.7 101.7





#50

1,2-Dibromoethane

Concen: 5.689 ug/L

RT: 8.355 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV023391.D

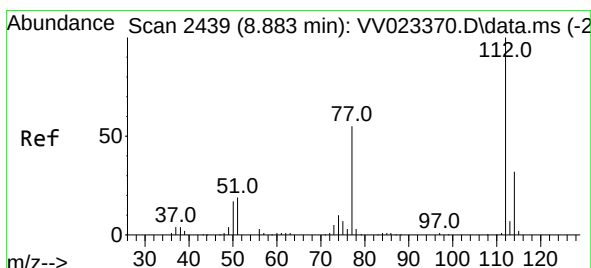
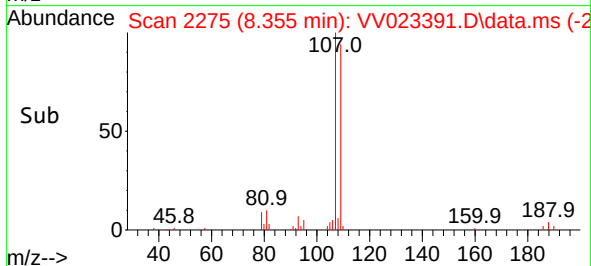
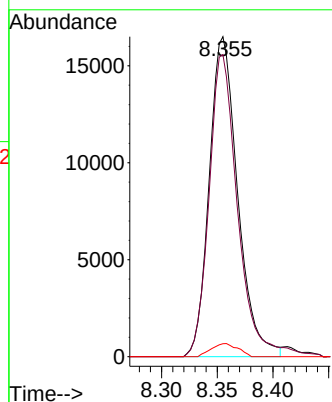
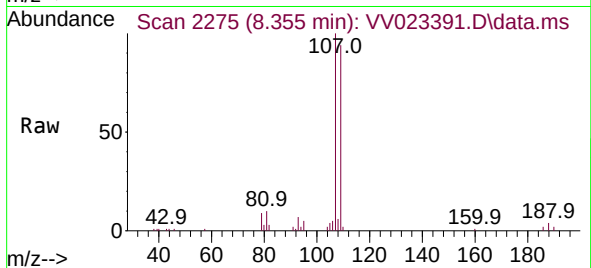
Acq: 11 Nov 2021 16:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	29342
Ion Ratio	Lower	Upper
107	100	
109	94.4	64.7 120.1
188	4.1	3.6 5.4



#51

Chlorobenzene

Concen: 5.312 ug/L

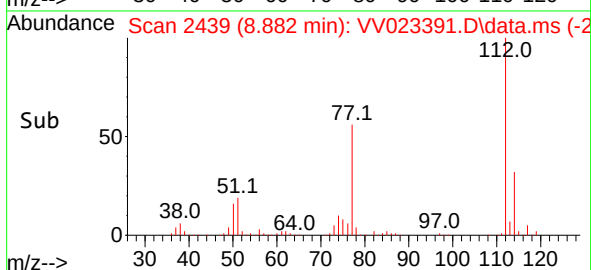
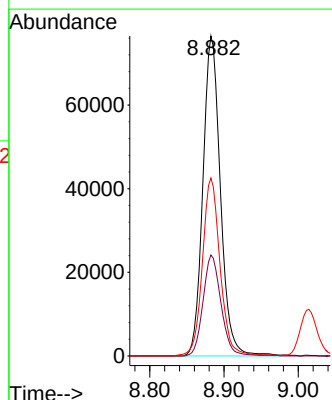
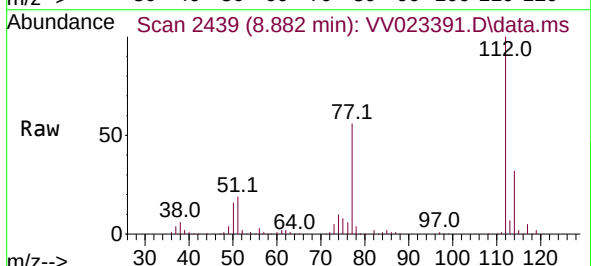
RT: 8.882 min Scan# 2439

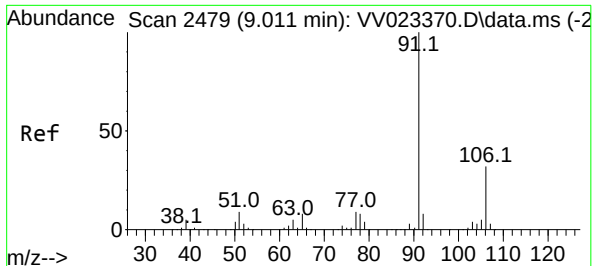
Delta R.T. -0.000 min

Lab File: VV023391.D

Acq: 11 Nov 2021 16:26

Tgt Ion:112	Resp:	125314
Ion Ratio	Lower	Upper
112	100	
114	31.5	22.0 40.8
77	55.6	44.4 66.6





#52

Ethylbenzene

Concen: 5.304 ug/L

RT: 9.014 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV023391.D

Acq: 11 Nov 2021 16:26

Instrument :

MSVOA_V

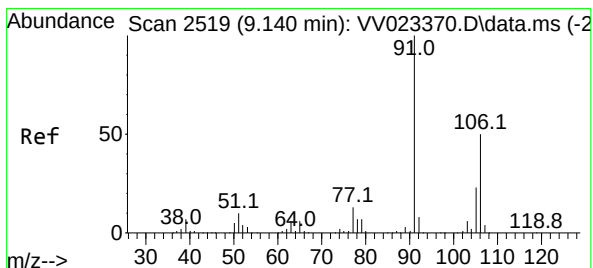
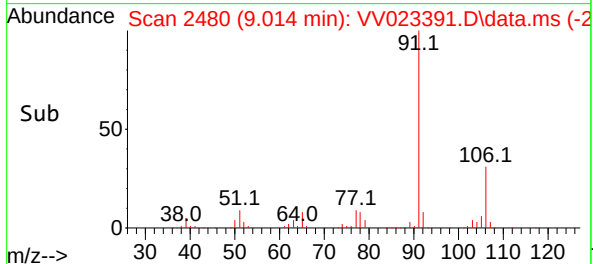
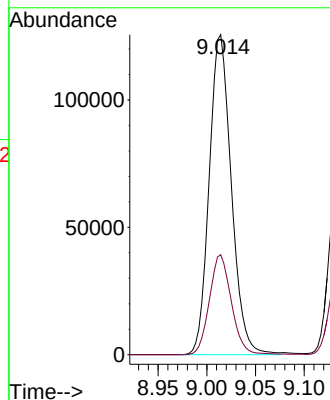
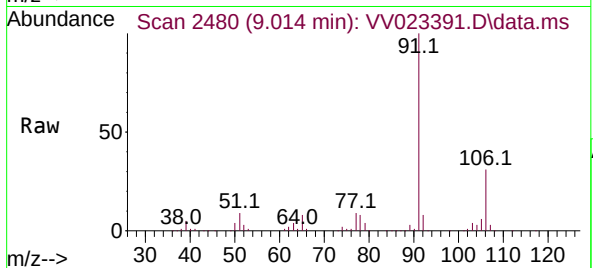
ClientSampleId :

Tgt Ion: 91 Resp: 198550

Ion Ratio Lower Upper

91 100

106 31.3 22.5 41.9



#53

m,p-xylene

Concen: 5.364 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. -0.000 min

Lab File: VV023391.D

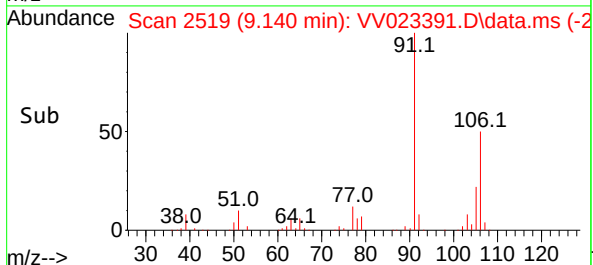
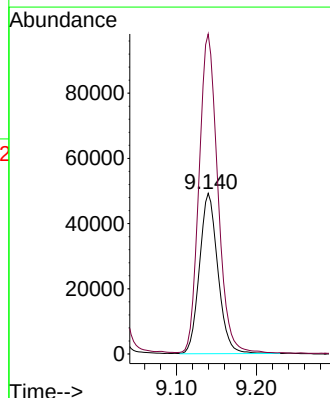
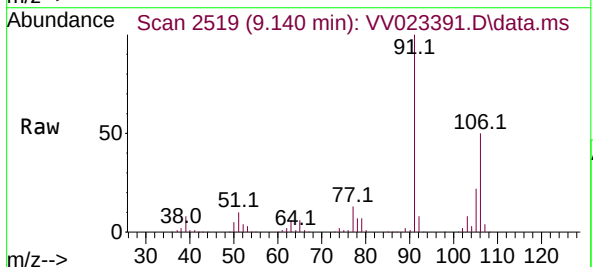
Acq: 11 Nov 2021 16:26

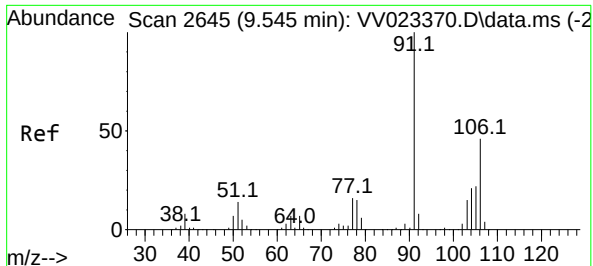
Tgt Ion: 106 Resp: 78791

Ion Ratio Lower Upper

106 100

91 199.3 137.2 254.8

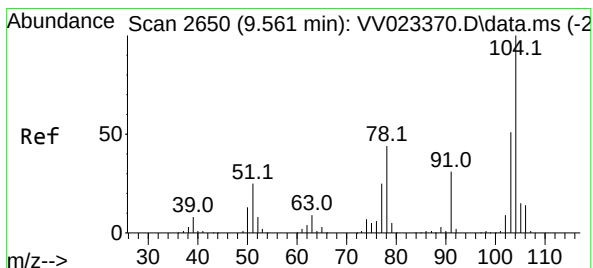
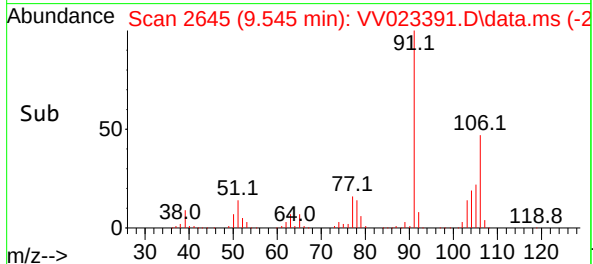
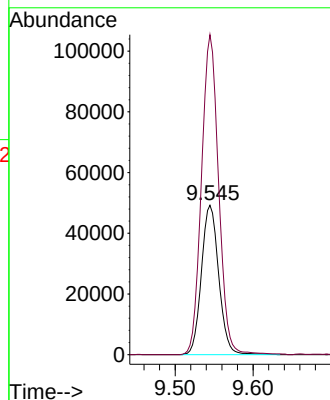
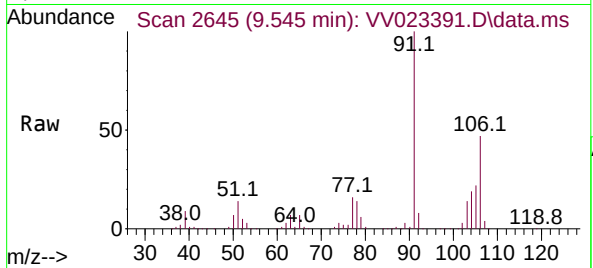




#54
o-xylene
Concen: 5.509 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV023391.D
Acq: 11 Nov 2021 16:26

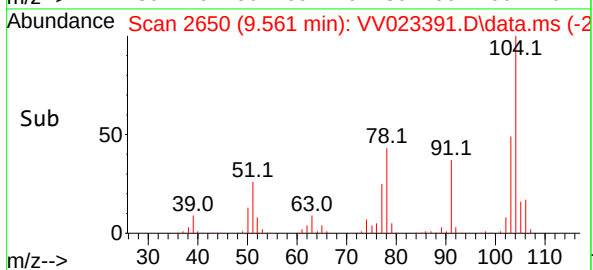
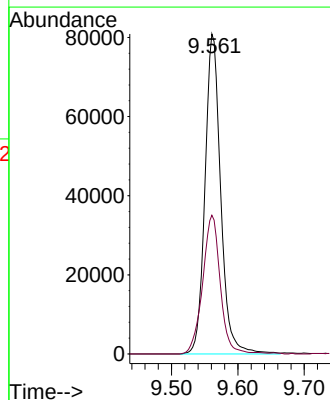
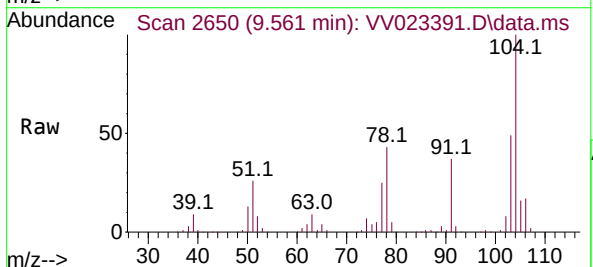
Instrument :
MSVOA_V
ClientSampleId :

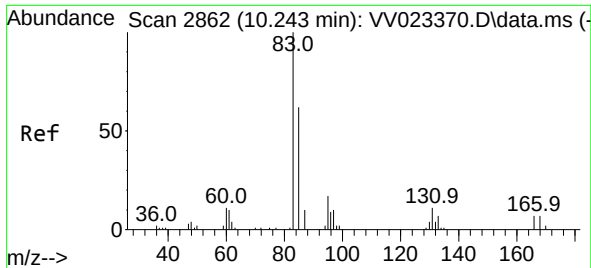
Tgt Ion:106 Resp: 75918
Ion Ratio Lower Upper
106 100
91 214.2 148.3 275.5



#55
Styrene
Concen: 5.648 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV023391.D
Acq: 11 Nov 2021 16:26

Tgt Ion:104 Resp: 133332
Ion Ratio Lower Upper
104 100
78 43.4 29.3 54.3

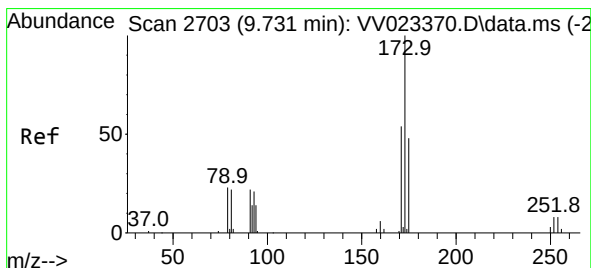
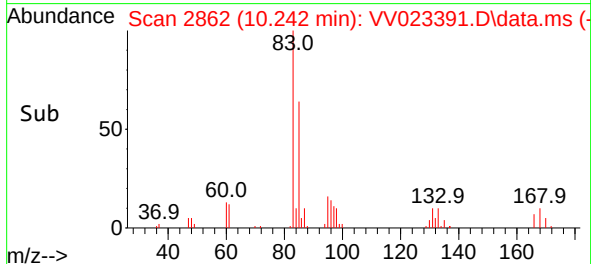
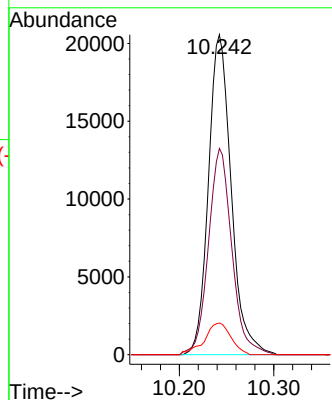
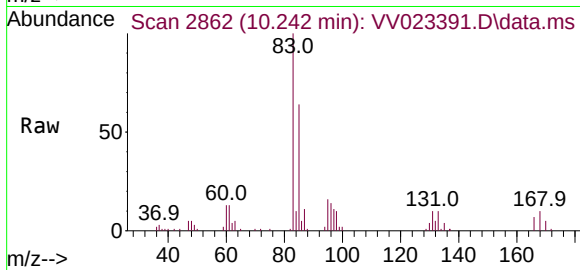




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.641 ug/L
 RT: 10.242 min Scan# 2862
 Delta R.T. -0.000 min
 Lab File: VV023391.D
 Acq: 11 Nov 2021 16:26

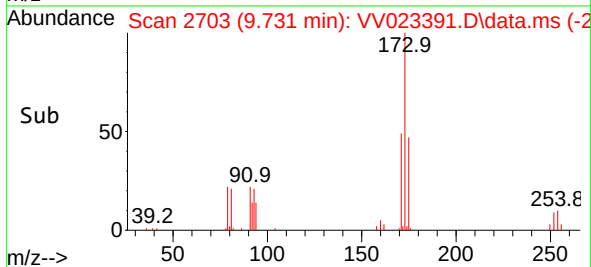
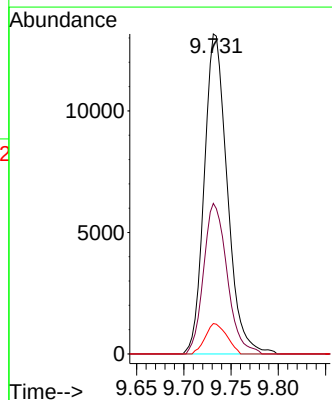
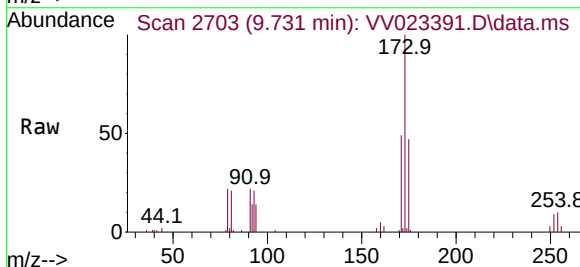
Instrument :
 MSVOA_V
 ClientSampleId :

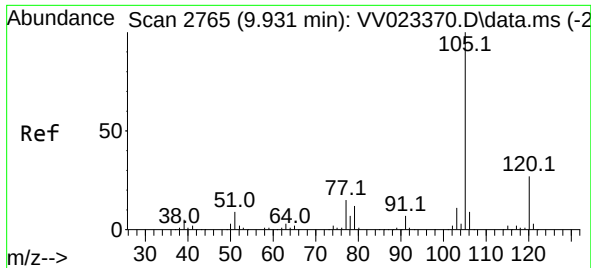
Tgt Ion:	83	Resp:	34401
Ion	Ratio	Lower	Upper
83	100		
85	64.4	45.1	83.9
131	9.9	7.8	11.6



#59
 Bromoform
 Concen: 5.917 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. -0.000 min
 Lab File: VV023391.D
 Acq: 11 Nov 2021 16:26

Tgt Ion:	173	Resp:	22321
Ion	Ratio	Lower	Upper
173	100		
175	48.1	38.2	57.2
254	8.9	6.2	9.2

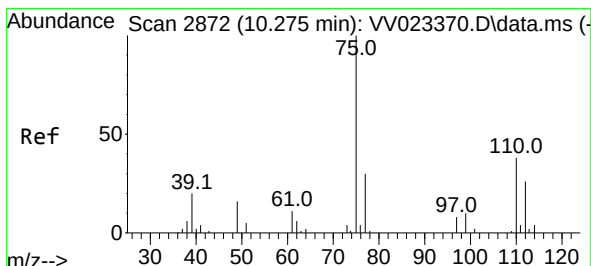
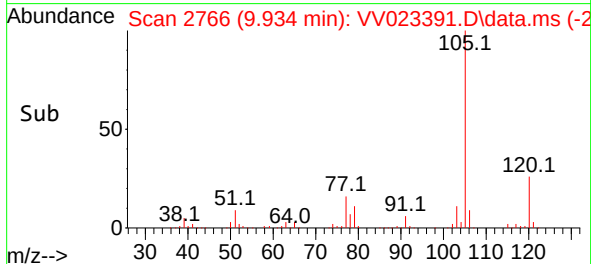
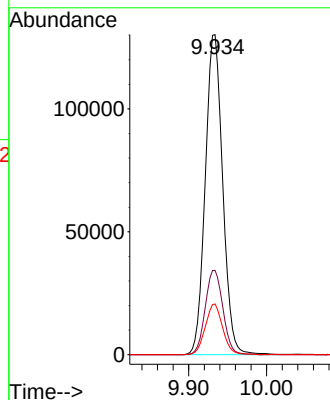
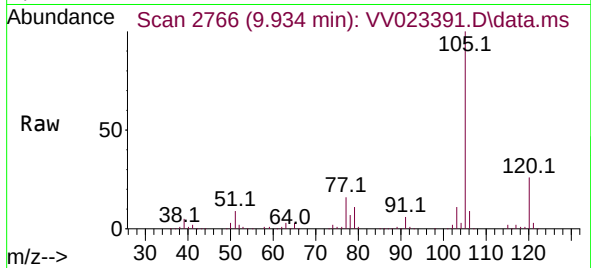




#60
Isopropylbenzene
Concen: 5.583 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023391.D
Acq: 11 Nov 2021 16:26

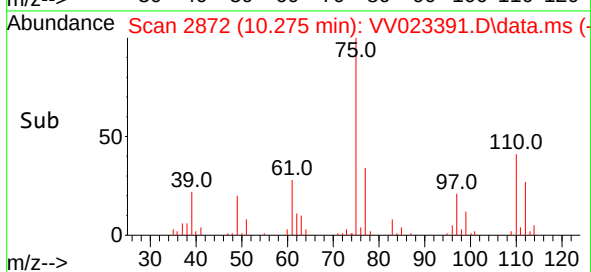
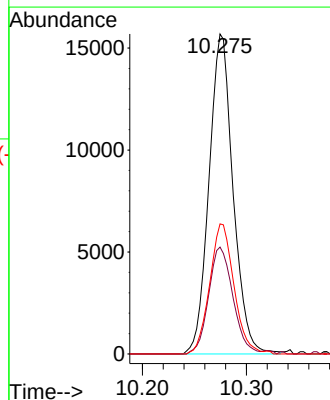
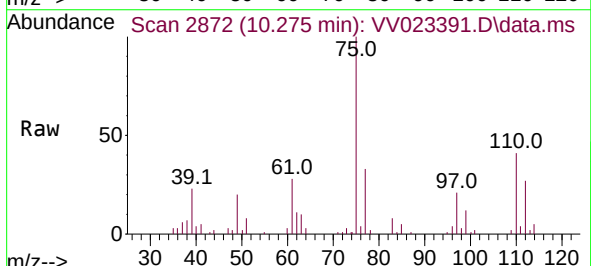
Instrument :
MSVOA_V
ClientSampleId :

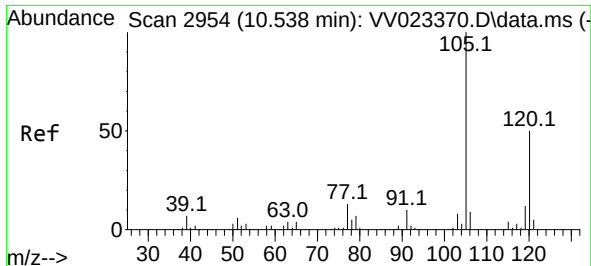
Tgt Ion:105 Resp: 202356
Ion Ratio Lower Upper
105 100
120 26.8 21.7 32.5
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 6.011 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV023391.D
Acq: 11 Nov 2021 16:26

Tgt Ion: 75 Resp: 25220
Ion Ratio Lower Upper
75 100
77 33.6 26.6 39.8
110 41.1 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 5.568 ug/L

RT: 10.541 min Scan# 2954

Delta R.T. 0.003 min

Lab File: VV023391.D

Acq: 11 Nov 2021 16:26

Instrument :

MSVOA_V

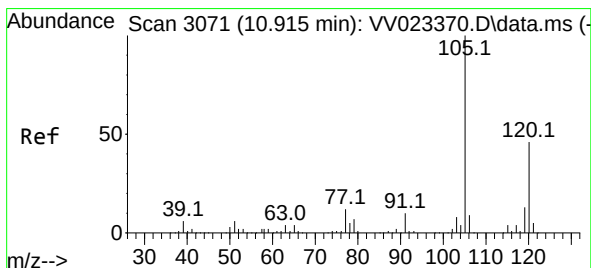
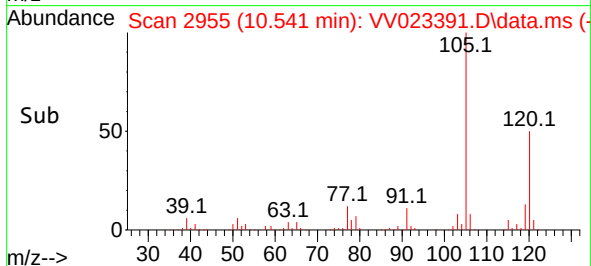
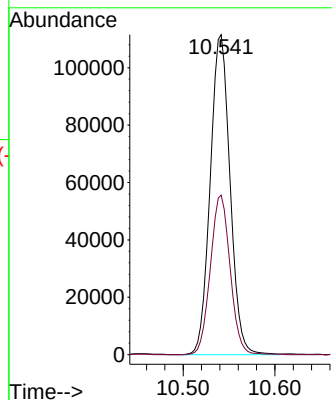
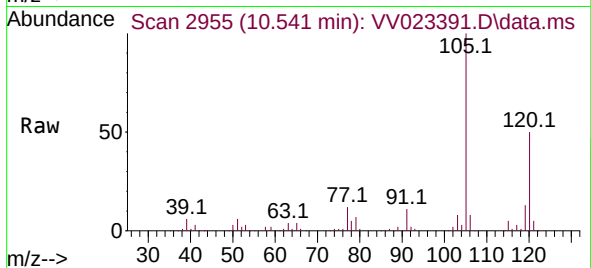
ClientSampleId :

Tgt Ion:105 Resp: 167342

Ion Ratio Lower Upper

105 100

120 49.7 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 5.562 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV023391.D

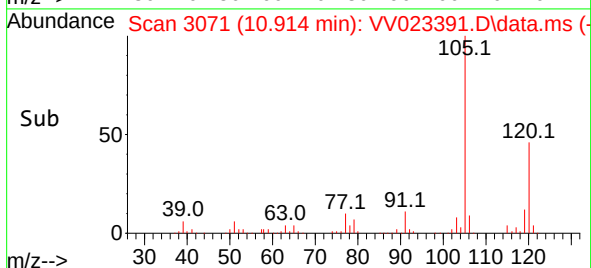
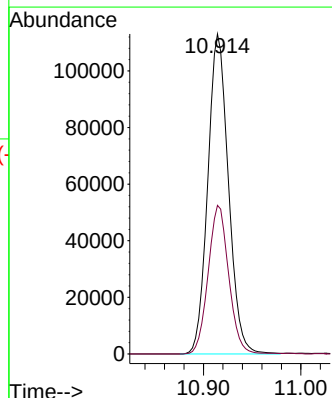
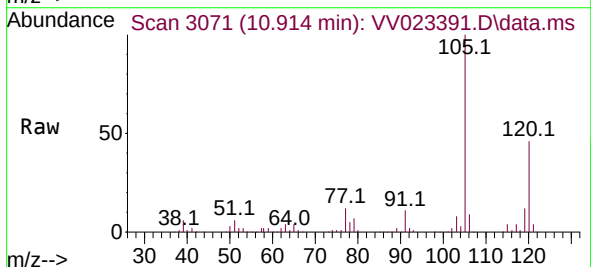
Acq: 11 Nov 2021 16:26

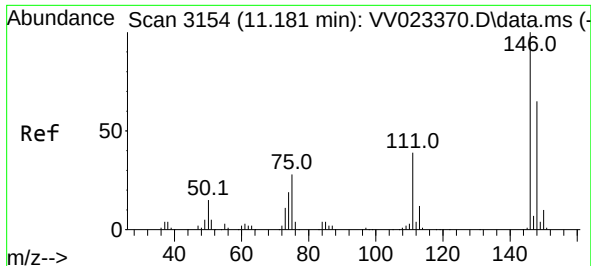
Tgt Ion:105 Resp: 166384

Ion Ratio Lower Upper

105 100

120 46.3 37.4 56.2

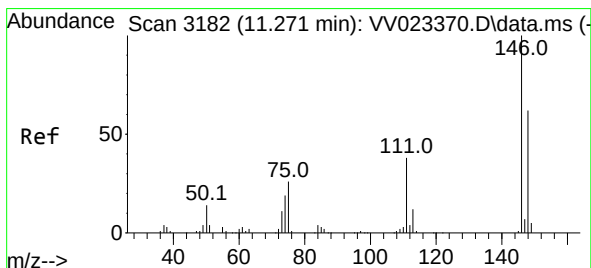
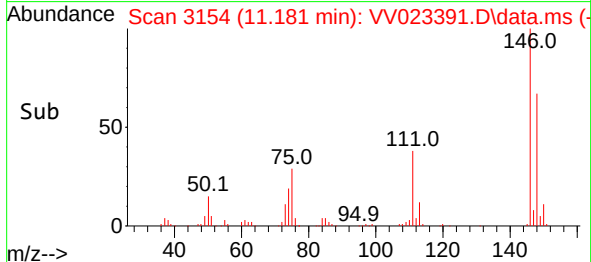
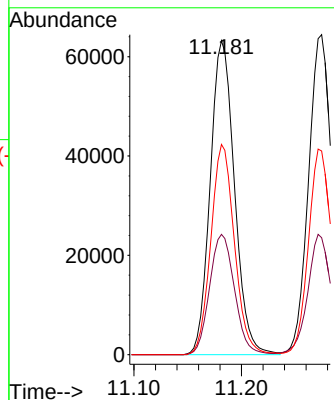
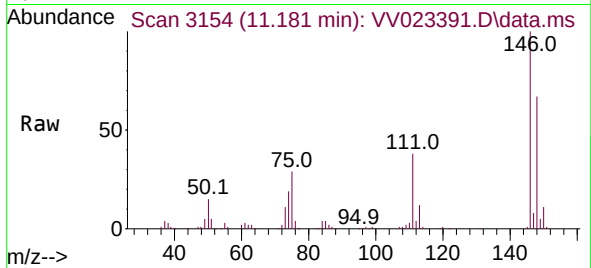




#64
1,3-Dichlorobenzene
Concen: 5.352 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV023391.D
Acq: 11 Nov 2021 16:26

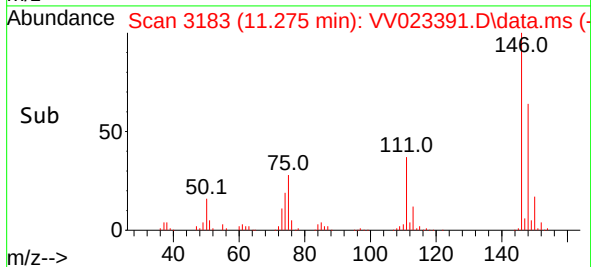
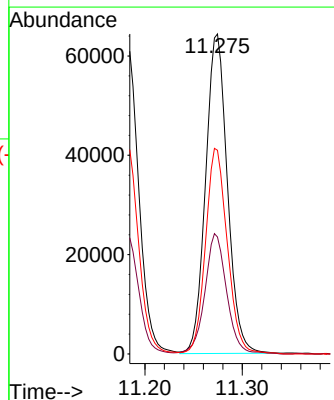
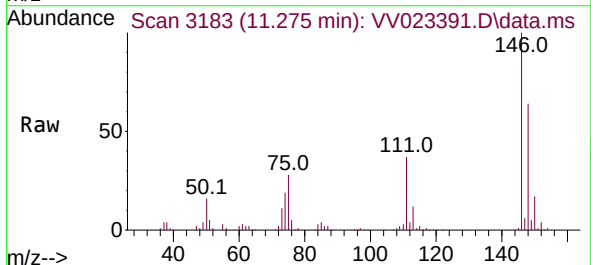
Instrument :
MSVOA_V
ClientSampleId :

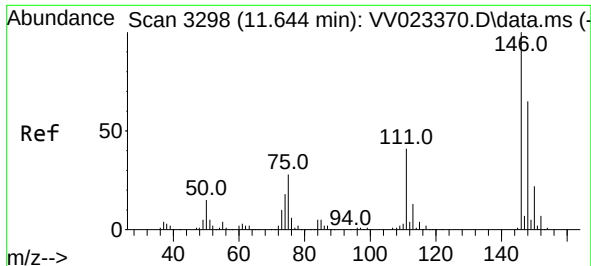
Tgt Ion:146 Resp: 99109
Ion Ratio Lower Upper
146 100
111 38.3 26.7 49.7
148 67.0 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 5.291 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV023391.D
Acq: 11 Nov 2021 16:26

Tgt Ion:146 Resp: 100072
Ion Ratio Lower Upper
146 100
111 36.6 26.2 48.8
148 63.6 44.4 82.5

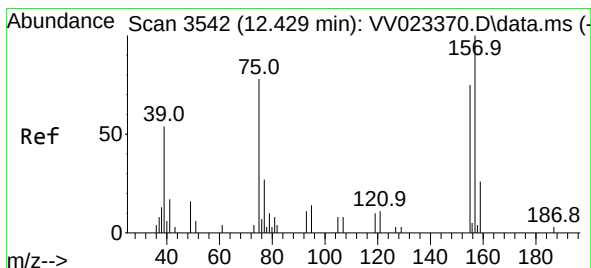
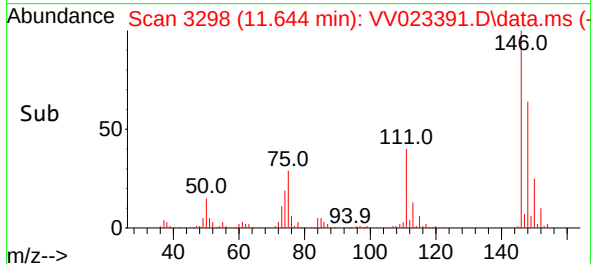
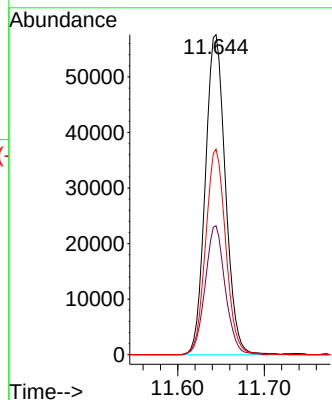
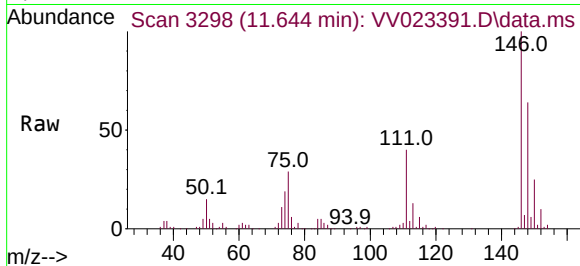




#67
1,2-Dichlorobenzene
Concen: 5.602 ug/L
RT: 11.644 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV023391.D
Acq: 11 Nov 2021 16:26

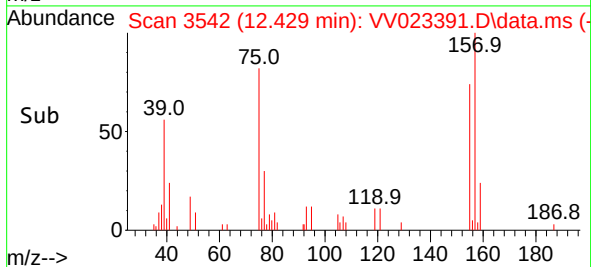
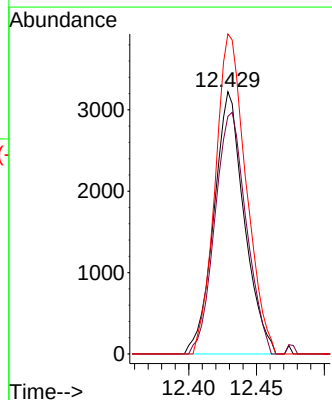
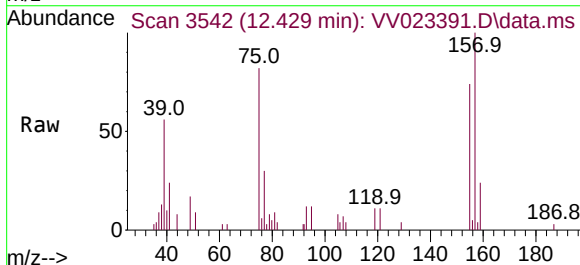
Instrument :
MSVOA_V
ClientSampleId :

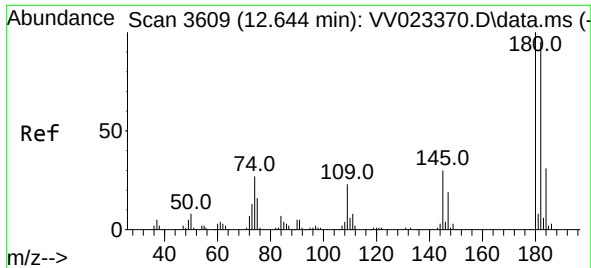
Tgt Ion:146 Resp: 92833
Ion Ratio Lower Upper
146 100
111 40.3 31.6 47.4
148 64.2 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 5.612 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV023391.D
Acq: 11 Nov 2021 16:26

Tgt Ion: 75 Resp: 5017
Ion Ratio Lower Upper
75 100
155 90.6 67.7 101.5
157 122.0 87.9 131.9





#69

1,3,5-Trichlorobenzene

Concen: 5.125 ug/L

RT: 12.647 min Scan# 3609

Delta R.T. 0.003 min

Lab File: VV023391.D

Acq: 11 Nov 2021 16:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 74318

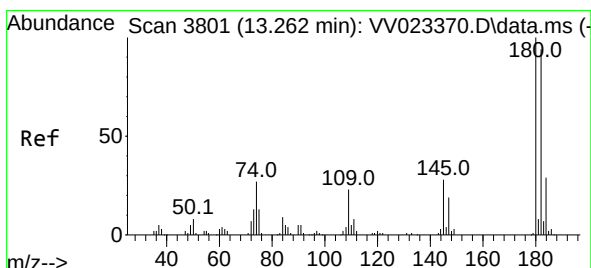
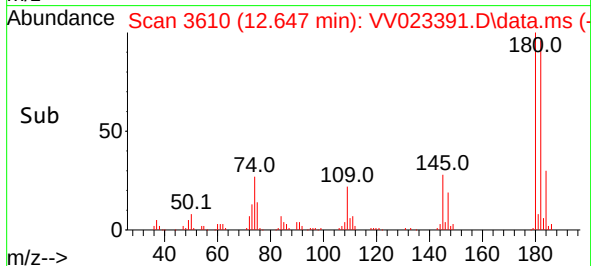
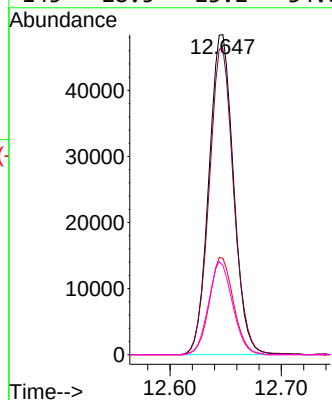
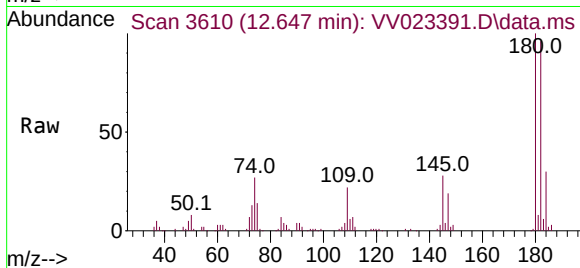
Ion Ratio Lower Upper

180 100

182 95.5 74.9 112.3

184 29.8 23.8 35.8

145 28.5 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 5.113 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. -0.000 min

Lab File: VV023391.D

Acq: 11 Nov 2021 16:26

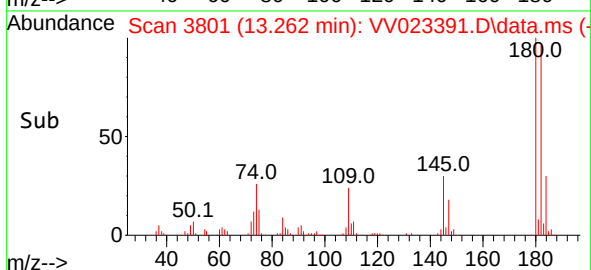
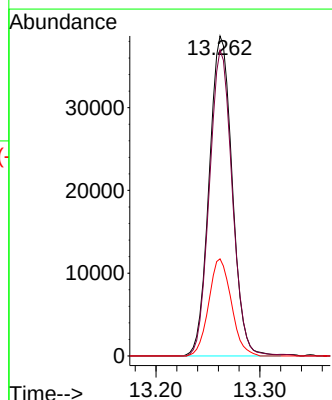
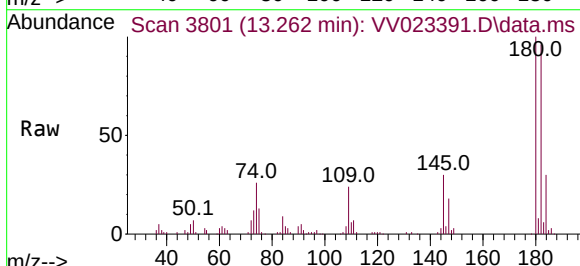
Tgt Ion:180 Resp: 59376

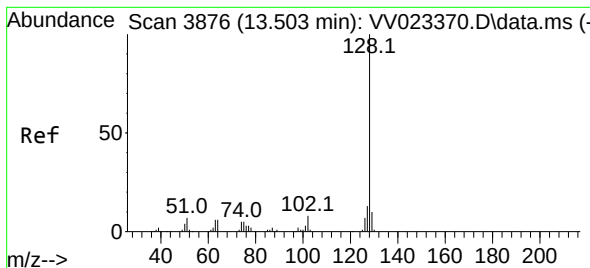
Ion Ratio Lower Upper

180 100

182 94.4 76.9 115.3

145 29.8 24.4 36.6





#71

Naphthalene

Concen: 5.510 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. -0.000 min

Lab File: VV023391.D

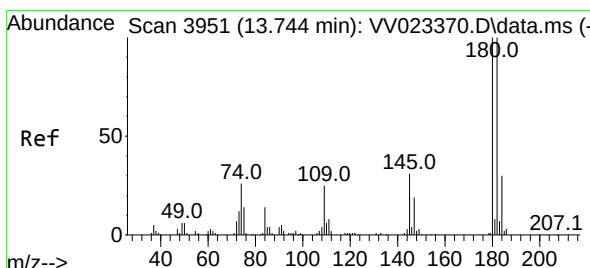
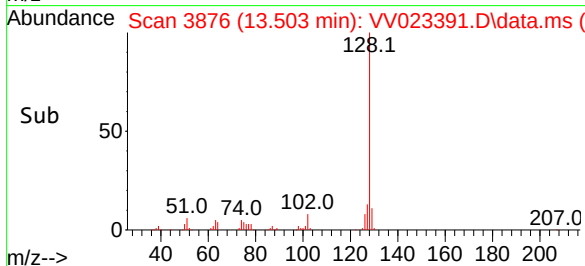
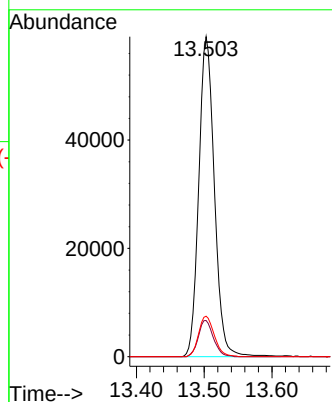
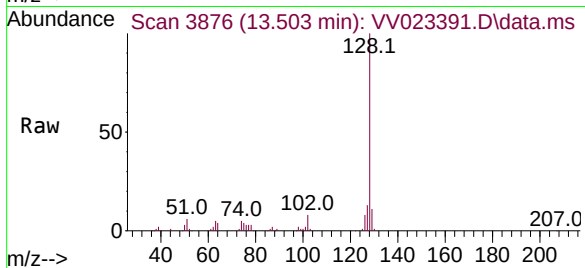
Acq: 11 Nov 2021 16:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	94345
Ion Ratio	Lower	Upper
128	100	
129	11.0	8.6 13.0
127	12.8	10.5 15.7



#72

1,2,3-Trichlorobenzene

Concen: 5.400 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. -0.000 min

Lab File: VV023391.D

Acq: 11 Nov 2021 16:26

Tgt Ion:180	Resp:	54857
Ion Ratio	Lower	Upper
180	100	
182	96.2	76.7 115.1
145	32.7	25.7 38.5

