

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
 Data File : VW023390.D
 Acq On : 11 Nov 2021 16:04
 Operator : SY/MD
 Sample : M4581-05MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 12 00:31:23 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	5.622	114	125741	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	123602	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67589	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34185	4.340	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.800%
7) Chloroethane-d5	1.568	69	27993	4.360	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.108	63	66450	4.506	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	3.899	46	70299	51.801	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.600%
24) Chloroform-d	4.352	84	72900	4.343	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.037	65	35621	4.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.053	84	143267	4.517	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.072	67	42016	4.501	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.320	98	138355	4.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	7.625	79	16353	4.620	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.091	63	66779	51.272	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.540%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31297	4.662	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	50835	4.517	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	58097	4.738	ug/L	97
3) Chloromethane	1.240	50	50046	4.801	ug/L	97
5) Vinyl chloride	1.307	62	51347	4.932	ug/L	100
6) Bromomethane	1.519	94	29661	4.457	ug/L	99
8) Chloroethane	1.584	64	28296	4.710	ug/L	95
9) Trichlorofluoromethane	1.751	101	76146	4.868	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	37700	4.787	ug/L	95
12) 1,1-Dichloroethene	2.117	96	36057	4.809	ug/L	90
13) Acetone	2.185	43	48972	59.057	ug/L	99
14) Carbon disulfide	2.294	76	133390	4.714	ug/L	99
15) Methyl Acetate	2.439	43	15725	6.700	ug/L #	84
16) Methylene chloride	2.507	84	44300	4.048	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	88727	5.375	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	45025	4.885	ug/L	96
19) 1,1-Dichloroethane	3.191	63	77121	4.955	ug/L	97
21) 2-Butanone	3.982	43	75105	56.021	ug/L	98
22) cis-1,2-Dichloroethene	3.918	96	45601	5.140	ug/L #	92
23) Bromochloromethane	4.252	128	21387	5.228	ug/L	81
25) Chloroform	4.381	83	85731	5.168	ug/L	100

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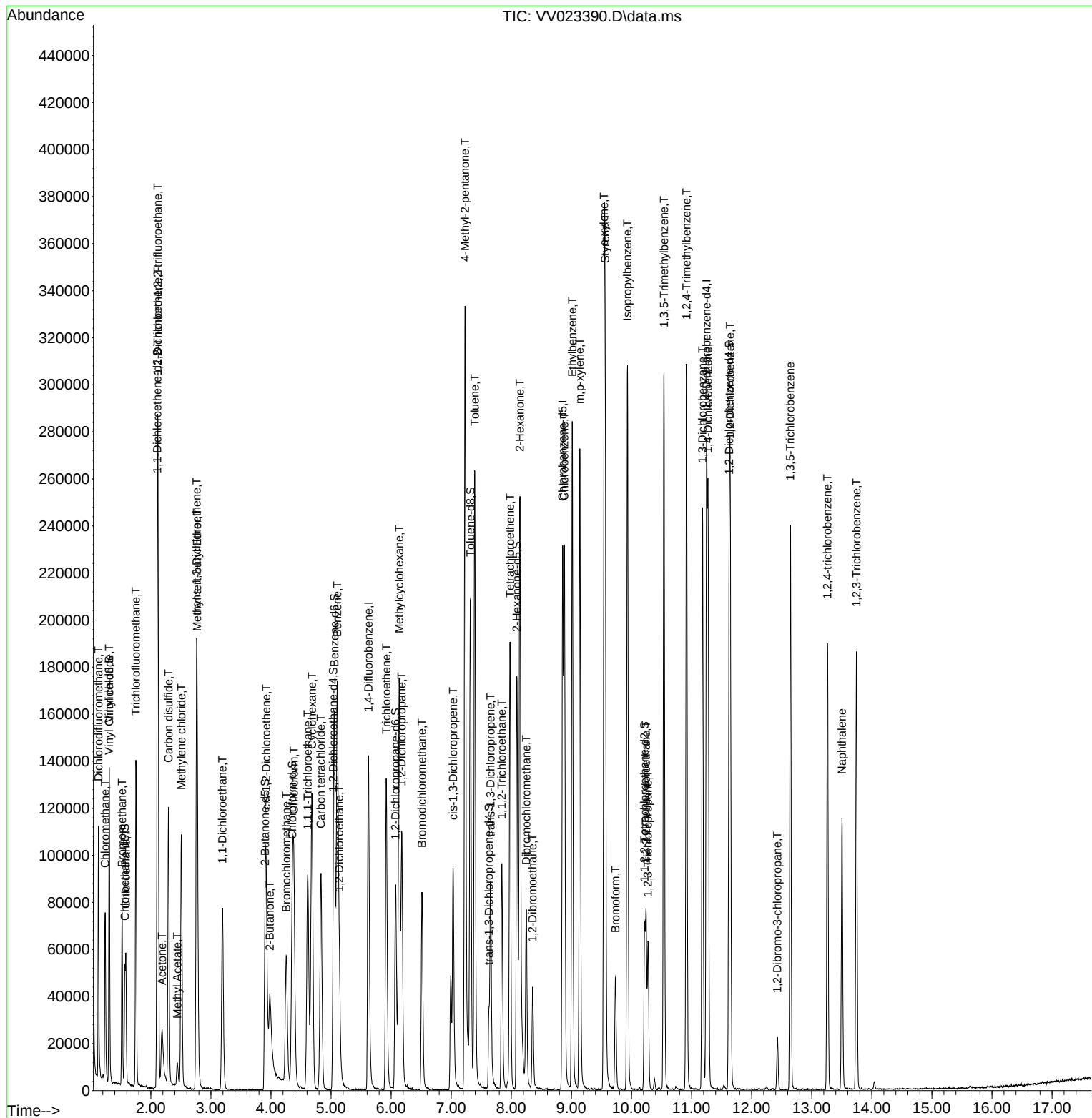
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	45145	5.116	ug/L	99
29) 1,1,1-Trichloroethane	4.613	97	74561	4.967	ug/L	99
30) Cyclohexane	4.680	56	65173	4.845	ug/L	97
31) Carbon tetrachloride	4.831	117	67880	5.035	ug/L	97
33) Benzene	5.101	78	172427	4.991	ug/L	100
34) Trichloroethene	5.918	95	45527	4.956	ug/L	98
35) Methylcyclohexane	6.133	83	71758	4.949	ug/L	95
37) 1,2-Dichloropropane	6.175	63	41317	5.123	ug/L	98
38) Bromodichloromethane	6.513	83	56176	5.198	ug/L	97
39) cis-1,3-Dichloropropene	7.030	75	59130	5.097	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	233522	62.430	ug/L	97
42) Toluene	7.391	91	191149	5.173	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	49404	5.133	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	29708	5.127	ug/L	96
47) Tetrachloroethene	7.979	164	43520	5.466	ug/L	94
48) 2-Hexanone	8.143	43	170472	65.040	ug/L	97
49) Dibromochloromethane	8.249	129	39536	5.385	ug/L	98
50) 1,2-Dibromoethane	8.355	107	28689	5.342	ug/L	98
51) Chlorobenzene	8.882	112	120779	4.918	ug/L	99
52) Ethylbenzene	9.014	91	193611	4.968	ug/L	99
53) m,p-xylene	9.140	106	75919	4.964	ug/L	94
54) o-xylene	9.545	106	73670	5.134	ug/L	99
55) Styrene	9.561	104	128904	5.244	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	34660	5.459	ug/L	100
59) Bromoform	9.735	173	21980	5.445	ug/L #	98
60) Isopropylbenzene	9.934	105	198542	5.119	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	24920	5.550	ug/L	97
62) 1,3,5-Trimethylbenzene	10.542	105	162575	5.055	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	164131	5.128	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	100818	5.087	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	99482	4.915	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	90850	5.123	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5020	5.248	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	73354	4.728	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	58268	4.689	ug/L	99
71) Naphthalene	13.503	128	90445	4.936	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	54758	5.037	ug/L	99

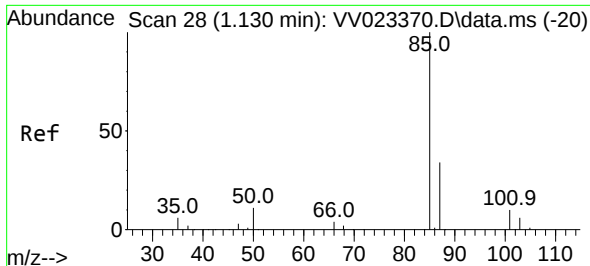
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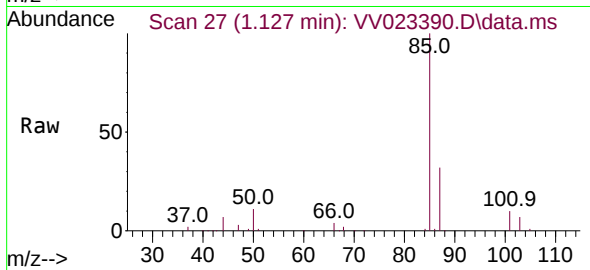
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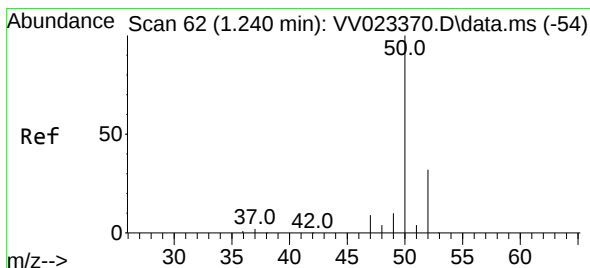
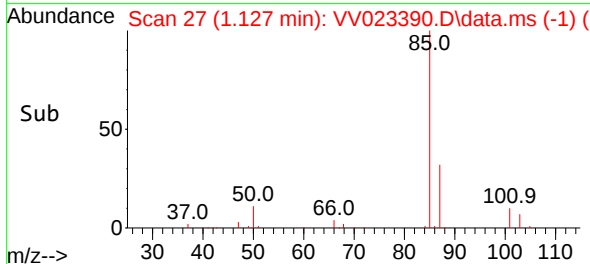
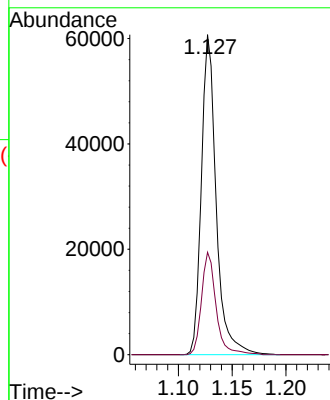


#2
 Dichlorodifluoromethane
 Concen: 4.738 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV023390.D
 Acq: 11 Nov 2021 16:04

Instrument :
 MSVOA_V
 ClientSampleId :

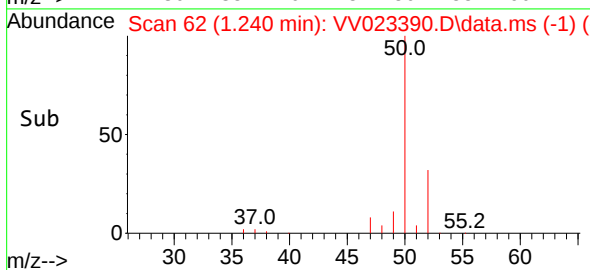
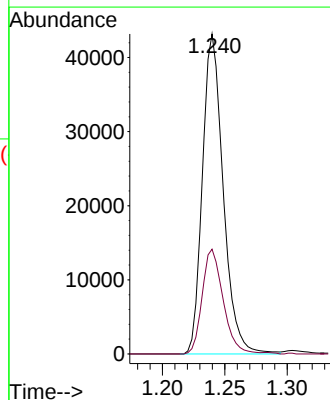
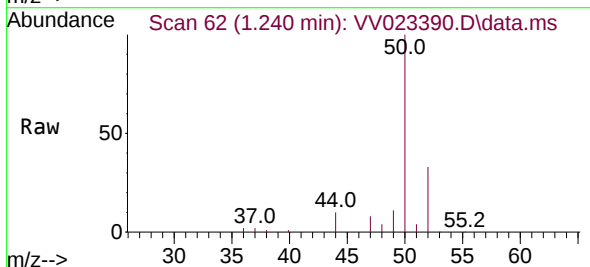


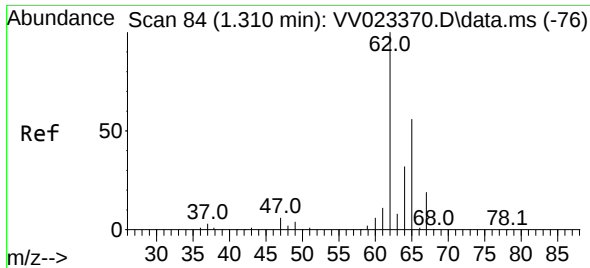
Tgt Ion: 85 Resp: 58097
 Ion Ratio Lower Upper
 85 100
 87 31.4 26.6 39.8



#3
 Chloromethane
 Concen: 4.801 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV023390.D
 Acq: 11 Nov 2021 16:04

Tgt Ion: 50 Resp: 50046
 Ion Ratio Lower Upper
 50 100
 52 32.8 24.3 45.1

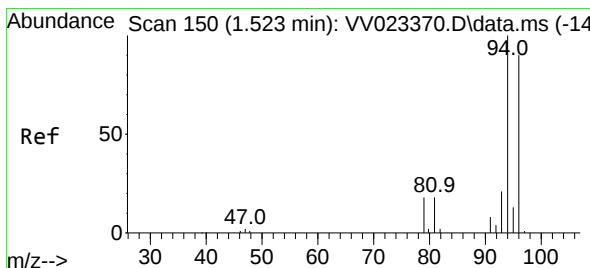
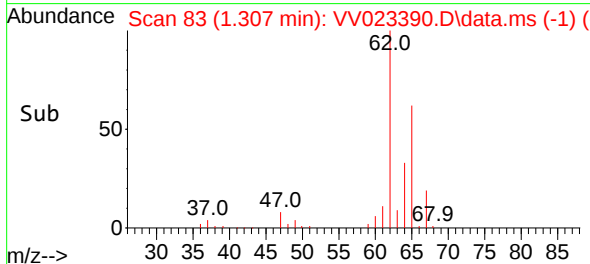
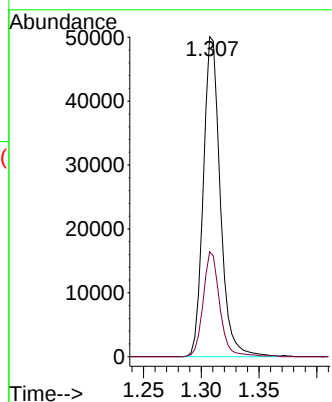
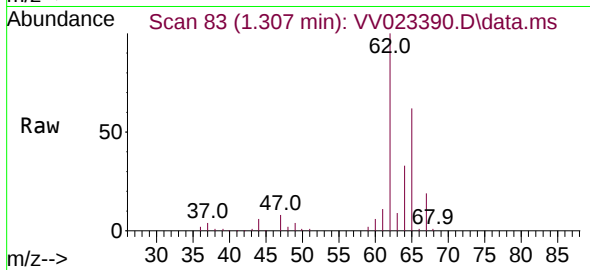




#5
 Vinyl chloride
 Concen: 4.932 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV023390.D
 Acq: 11 Nov 2021 16:04

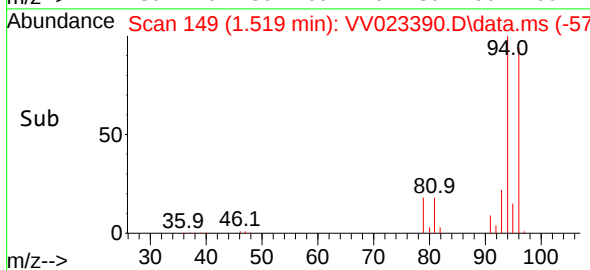
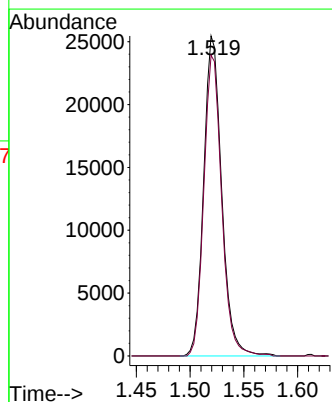
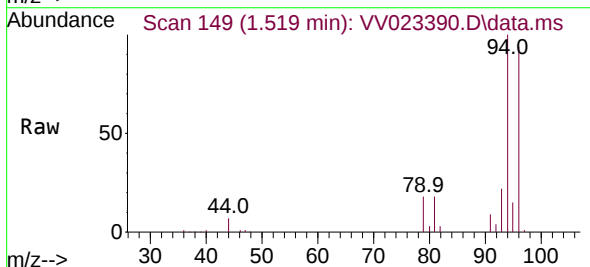
Instrument :
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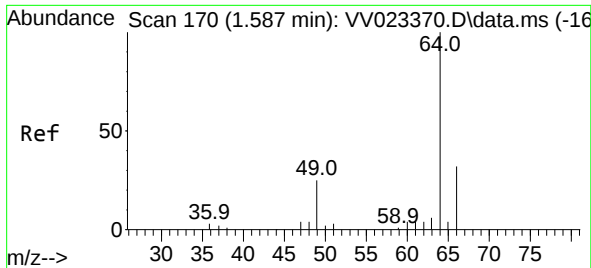
Tgt Ion: 62 Resp: 51347
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.1 42.9



#6
 Bromomethane
 Concen: 4.457 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV023390.D
 Acq: 11 Nov 2021 16:04

Tgt Ion: 94 Resp: 29661
 Ion Ratio Lower Upper
 94 100
 96 94.0 65.0 120.8

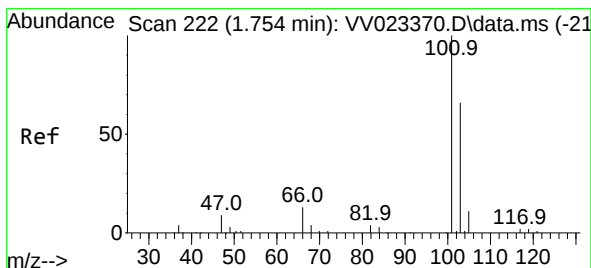
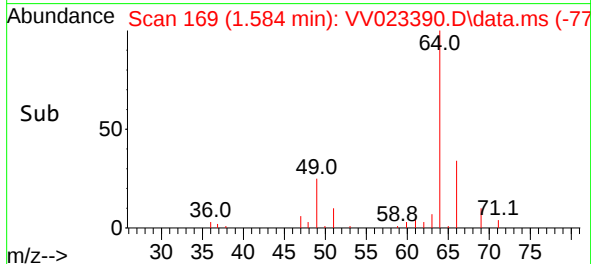
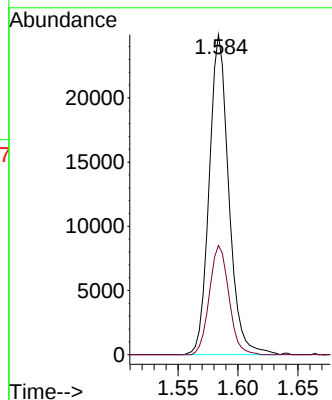
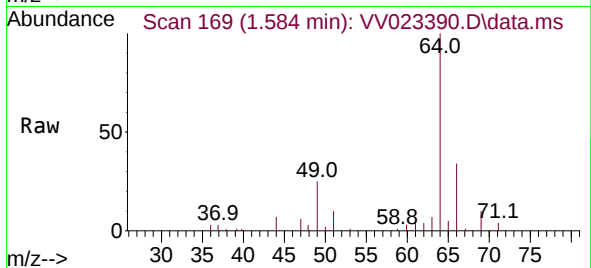




#8
Chloroethane
Concen: 4.710 ug/L
RT: 1.584 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV023390.D
Acq: 11 Nov 2021 16:04

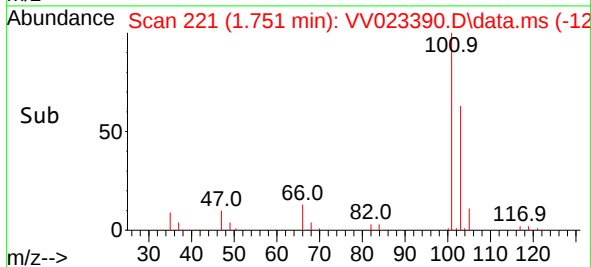
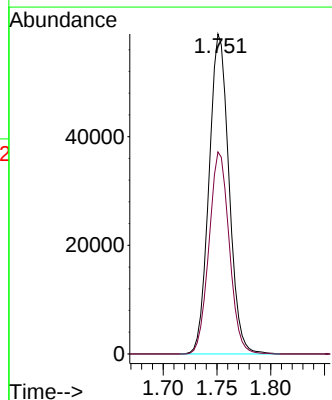
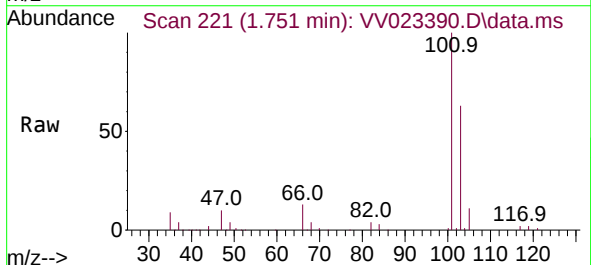
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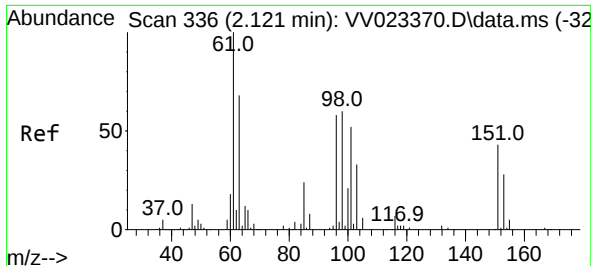
Tgt Ion: 64 Resp: 28296
Ion Ratio Lower Upper
64 100
66 34.2 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.868 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV023390.D
Acq: 11 Nov 2021 16:04

Tgt Ion:101 Resp: 76146
Ion Ratio Lower Upper
101 100
103 63.9 52.6 79.0

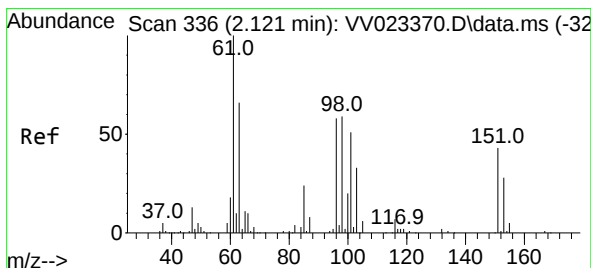
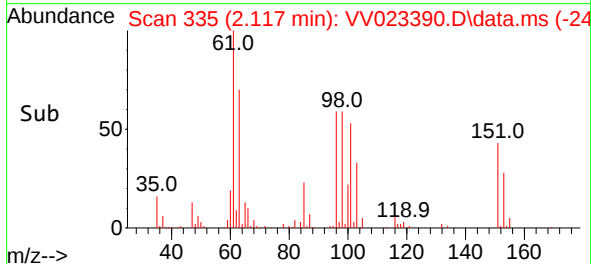
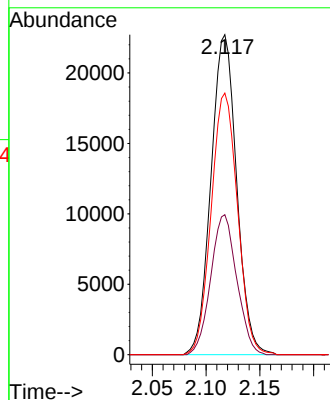
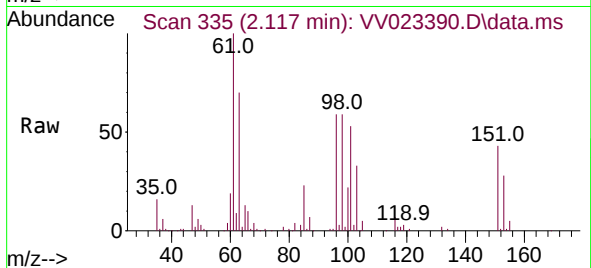




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.787 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV023390.D
 Acq: 11 Nov 2021 16:04

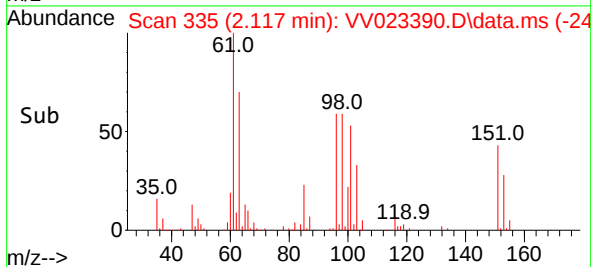
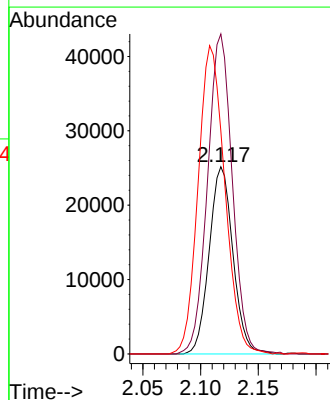
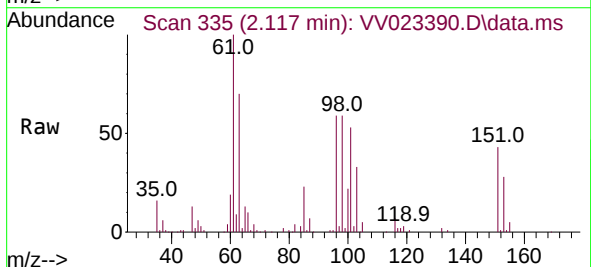
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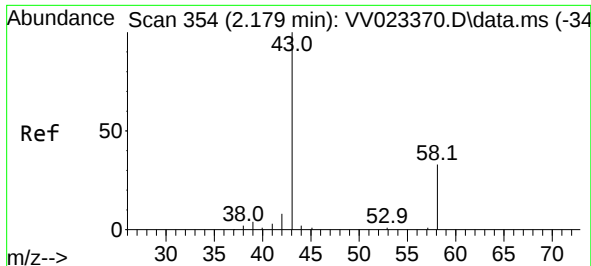
Tgt Ion:101 Resp: 37700
 Ion Ratio Lower Upper
 101 100
 85 44.4 35.3 52.9
 151 83.9 62.2 93.2



#12
 1,1-Dichloroethene
 Concen: 4.809 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV023390.D
 Acq: 11 Nov 2021 16:04

Tgt Ion: 96 Resp: 36057
 Ion Ratio Lower Upper
 96 100
 61 170.9 121.5 225.7
 63 119.1 99.6 185.0





#13

Acetone

Concen: 59.057 ug/L

RT: 2.185 min Scan# 3

Delta R.T. 0.006 min

Lab File: VV023390.D

Acq: 11 Nov 2021 16:04

Instrument :

MSVOA_V

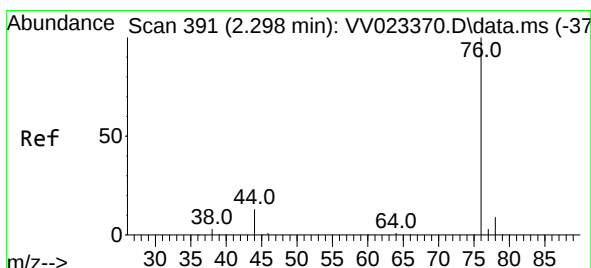
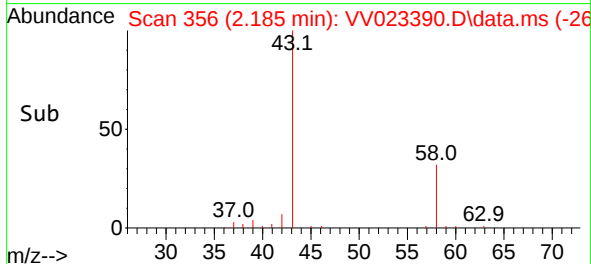
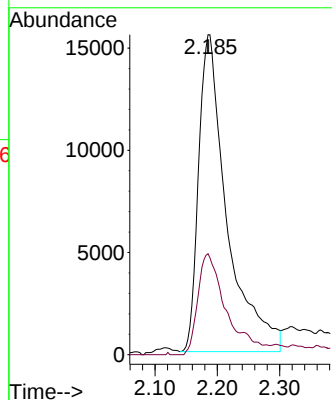
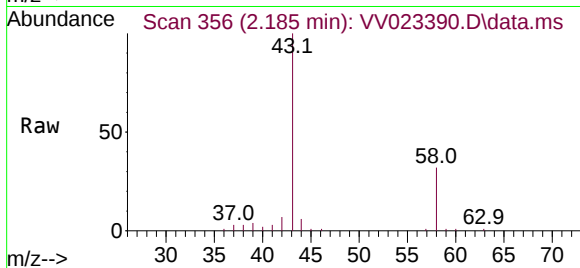
ClientSampleId :

Tgt Ion: 43 Resp: 48972

Ion Ratio Lower Upper

43 100

58 28.2 0.0 55.4



#14

Carbon disulfide

Concen: 4.714 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.003 min

Lab File: VV023390.D

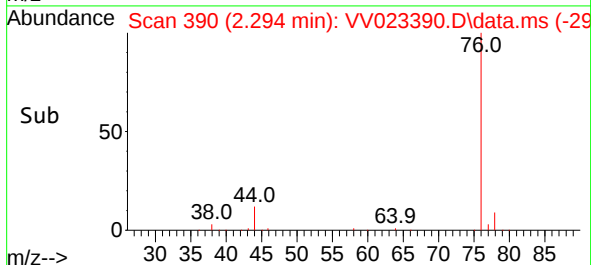
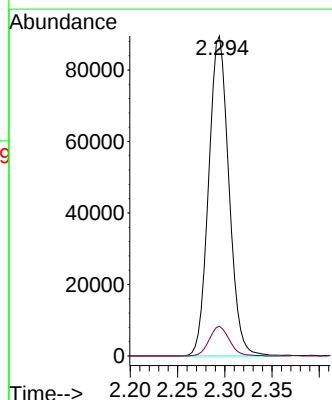
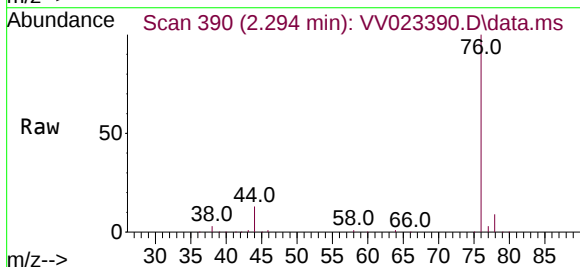
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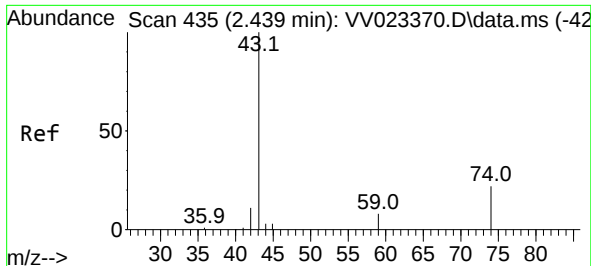
Tgt Ion: 76 Resp: 133390

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

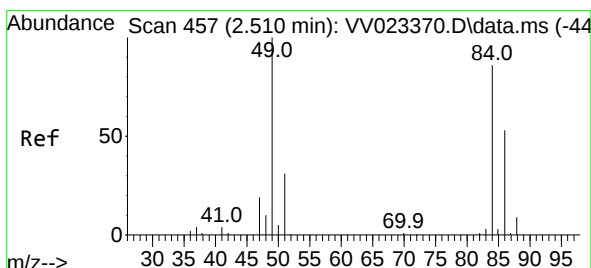
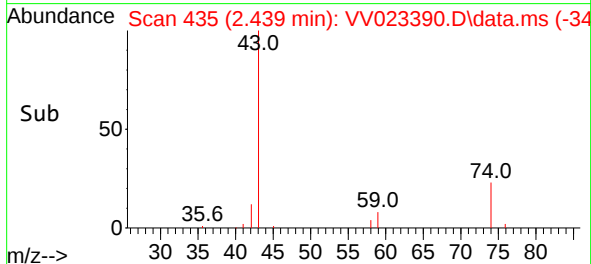
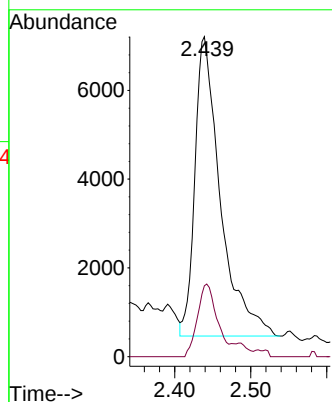
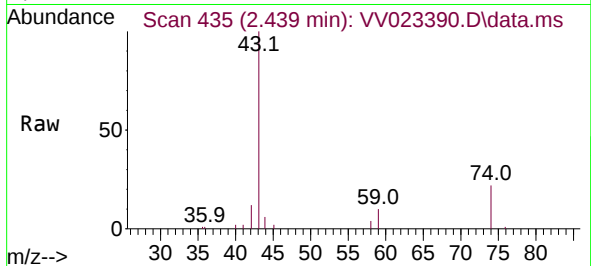




#15
Methyl Acetate
Concen: 6.700 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV023390.D
Acq: 11 Nov 2021 16:04

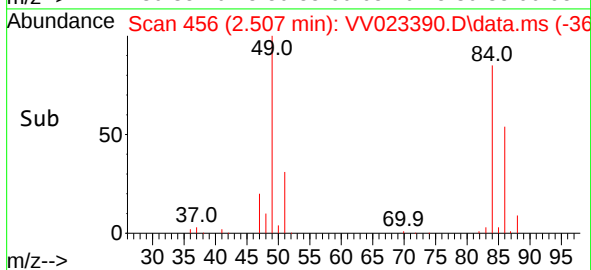
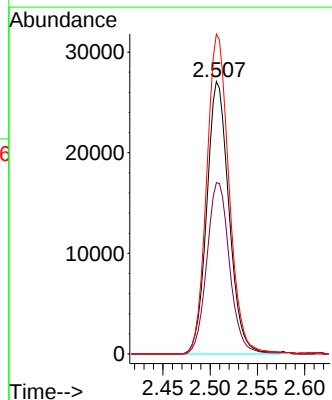
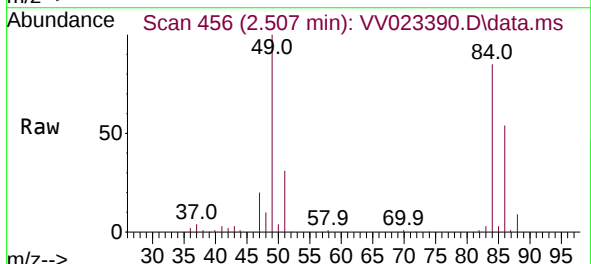
Instrument :
MSVOA_V
ClientSampleId :

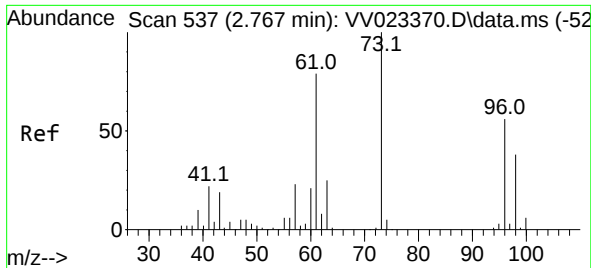
Tgt Ion: 43 Resp: 15725
Ion Ratio Lower Upper
43 100
74 19.3 22.2 33.2#



#16
Methylene chloride
Concen: 4.048 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV023390.D
Acq: 11 Nov 2021 16:04

Tgt Ion: 84 Resp: 44300
Ion Ratio Lower Upper
84 100
86 62.9 42.3 78.5
49 117.5 79.7 148.1

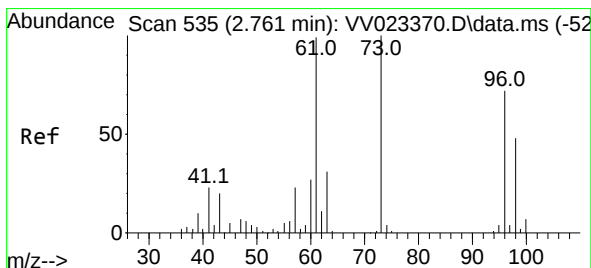
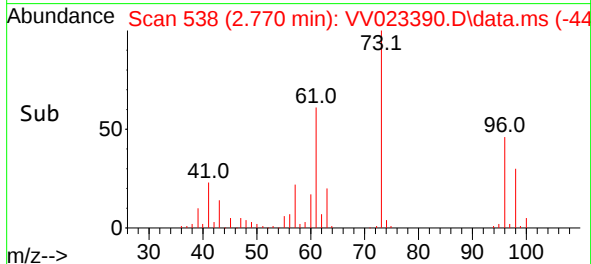
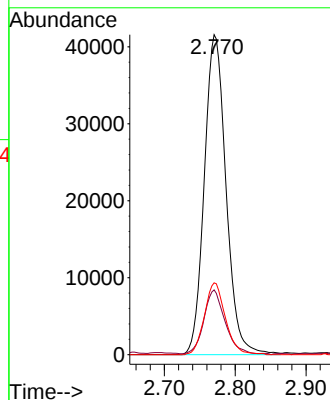
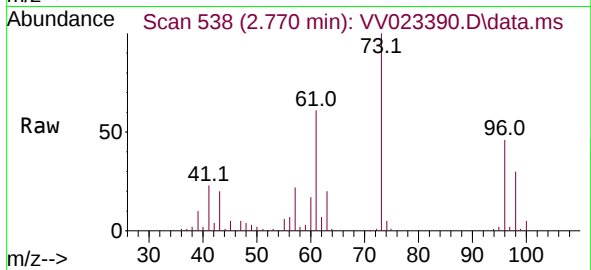




#17
Methyl tert-butyl Ether
Concen: 5.375 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023390.D
Acq: 11 Nov 2021 16:04

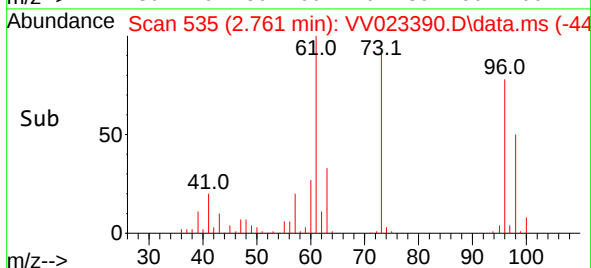
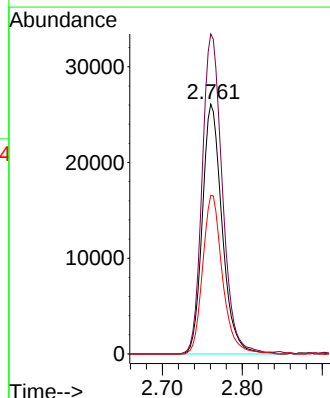
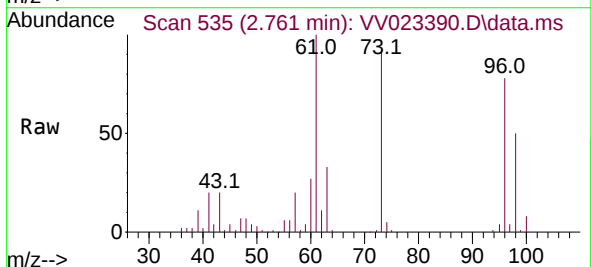
Instrument :
MSVOA_V
ClientSampleId :

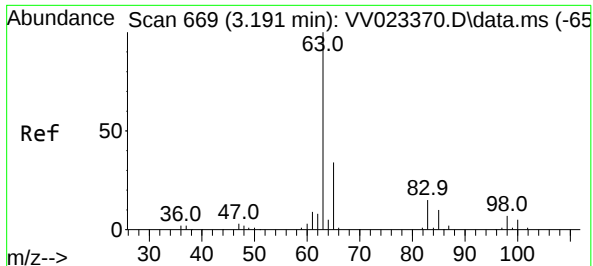
Tgt Ion: 73 Resp: 88727
Ion Ratio Lower Upper
73 100
43 19.0 17.4 26.0
57 21.7 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 4.885 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV023390.D
Acq: 11 Nov 2021 16:04

Tgt Ion: 96 Resp: 45025
Ion Ratio Lower Upper
96 100
61 128.1 93.2 173.2
98 63.5 47.0 87.2





#19

1,1-Dichloroethane

Concen: 4.955 ug/L

RT: 3.191 min Scan# 669

Delta R.T. -0.000 min

Lab File: VV023390.D

Acq: 11 Nov 2021 16:04

Instrument :

MSVOA_V

ClientSampleId :

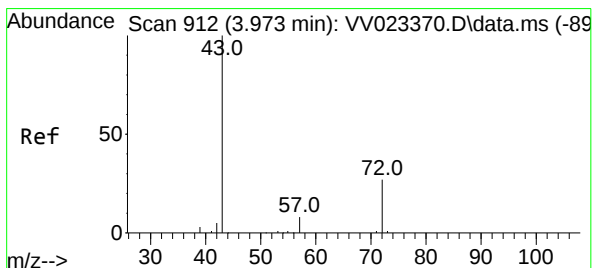
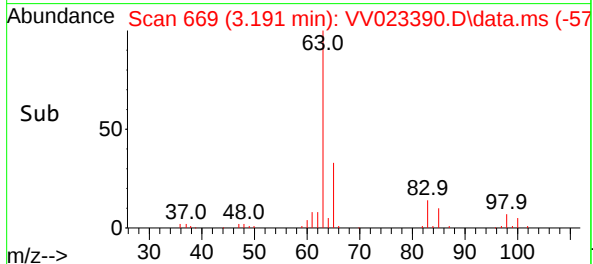
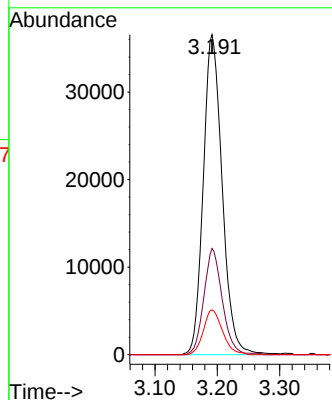
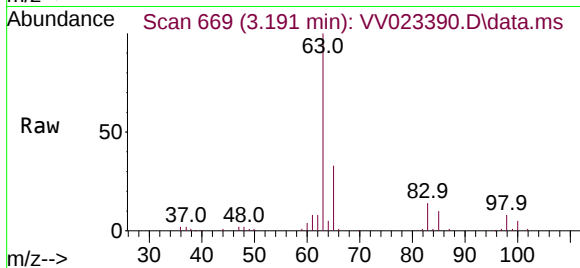
Tgt Ion: 63 Resp: 77121

Ion Ratio Lower Upper

63 100

65 33.2 22.6 42.0

83 14.0 11.1 20.7



#21

2-Butanone

Concen: 56.021 ug/L

RT: 3.982 min Scan# 915

Delta R.T. 0.010 min

Lab File: VV023390.D

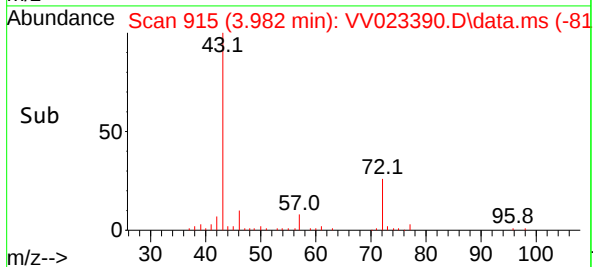
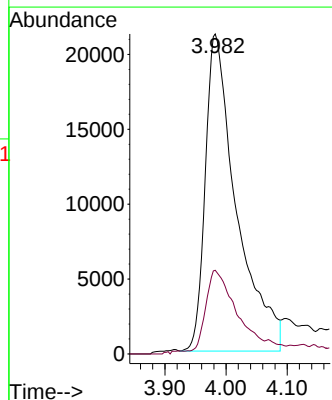
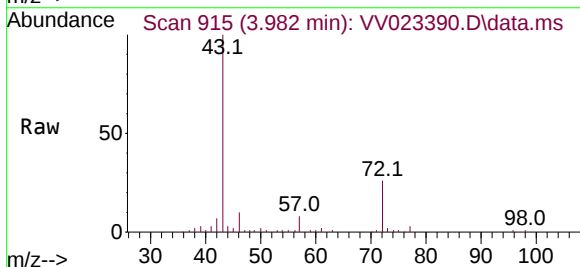
Acq: 11 Nov 2021 16:04

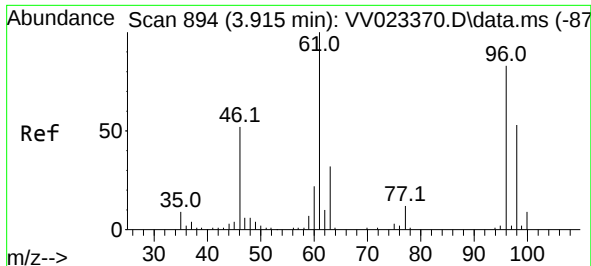
Tgt Ion: 43 Resp: 75105

Ion Ratio Lower Upper

43 100

72 24.8 11.9 35.9

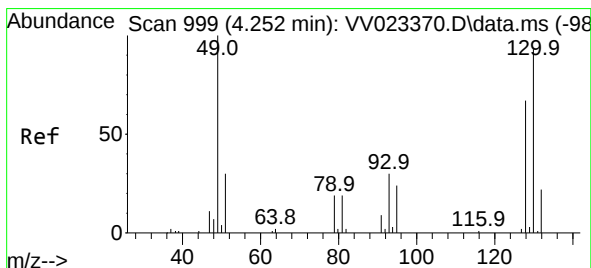
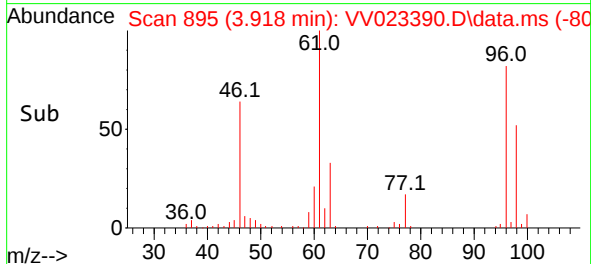
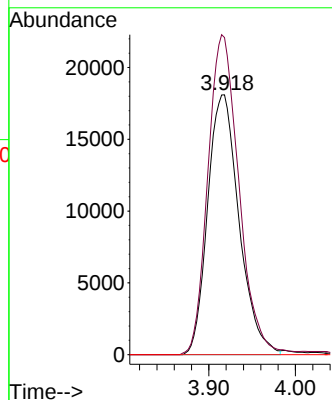
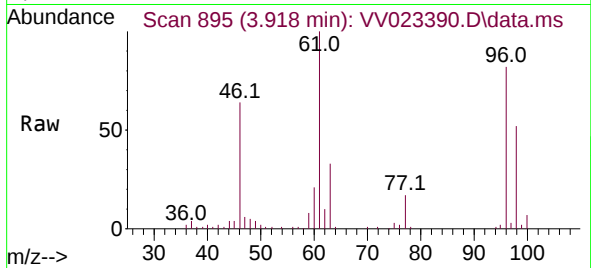




#22
cis-1,2-Dichloroethene
Concen: 5.140 ug/L
RT: 3.918 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV023390.D
Acq: 11 Nov 2021 16:04

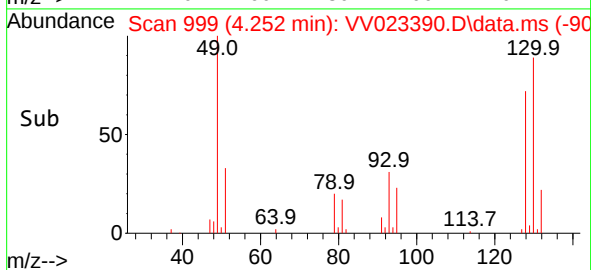
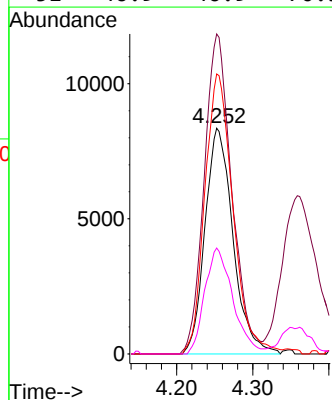
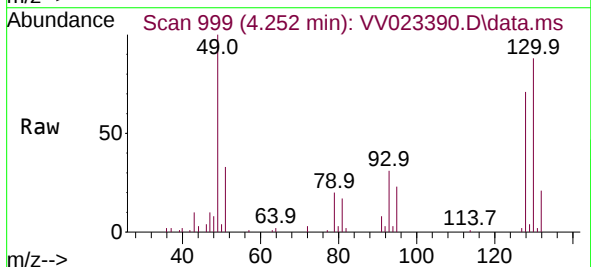
Instrument :
MSVOA_V
ClientSampleId :

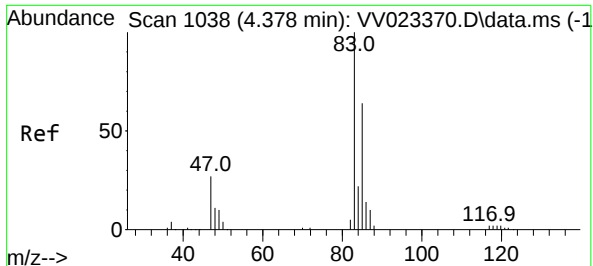
Tgt Ion: 96 Resp: 45601
Ion Ratio Lower Upper
96 100
61 122.1 92.3 171.3
68 0.0 0.4 0.8#



#23
Bromochloromethane
Concen: 5.228 ug/L
RT: 4.252 min Scan# 999
Delta R.T. -0.000 min
Lab File: VV023390.D
Acq: 11 Nov 2021 16:04

Tgt Ion:128 Resp: 21387
Ion Ratio Lower Upper
128 100
49 141.7 126.1 234.3
130 124.0 95.2 176.8
51 46.9 46.9 70.3





#25

Chloroform

Concen: 5.168 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.003 min

Lab File: VV023390.D

Acq: 11 Nov 2021 16:04

Instrument :

MSVOA_V

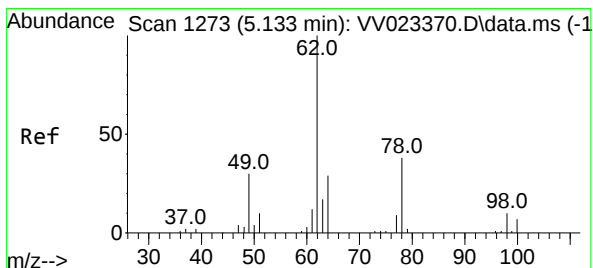
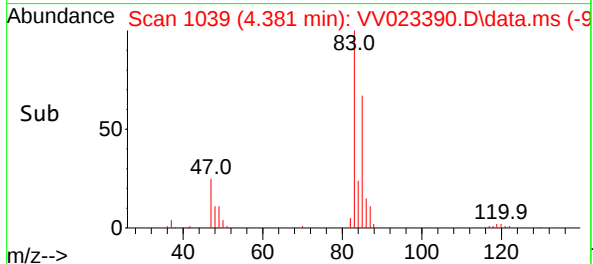
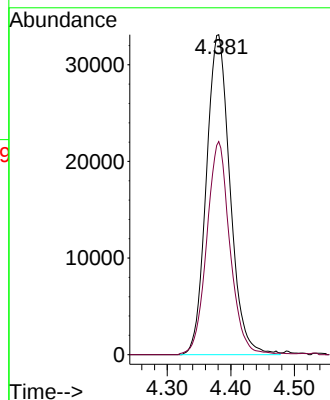
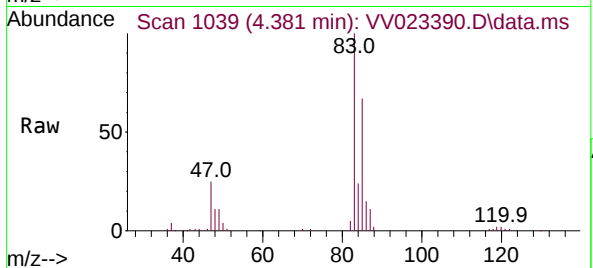
ClientSampleId :

Tgt Ion: 83 Resp: 85731

Ion Ratio Lower Upper

83 100

85 66.6 46.8 86.8



#27

1,2-Dichloroethane

Concen: 5.116 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.003 min

Lab File: VV023390.D

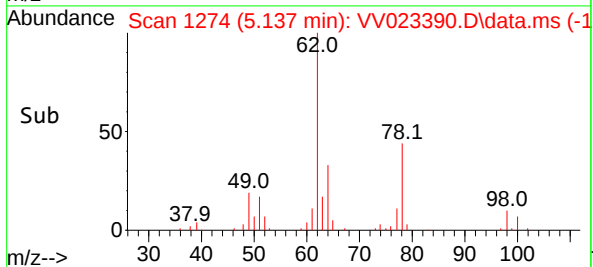
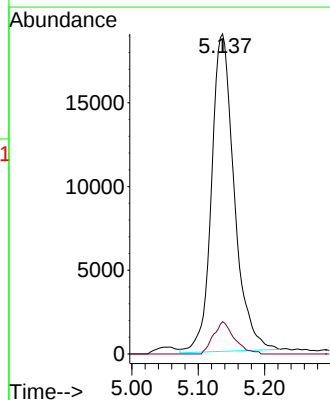
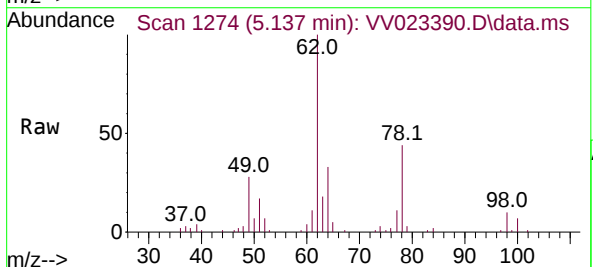
Acq: 11 Nov 2021 16:04

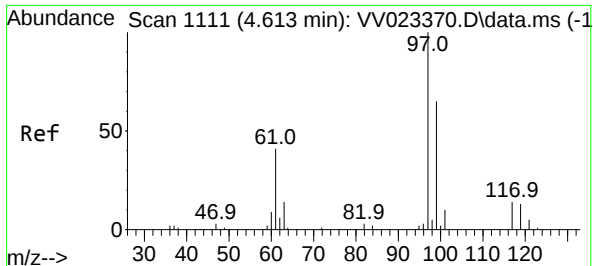
Tgt Ion: 62 Resp: 45145

Ion Ratio Lower Upper

62 100

98 10.1 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 4.967 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VV023390.D

Acq: 11 Nov 2021 16:04

Instrument :

MSVOA_V

ClientSampleId :

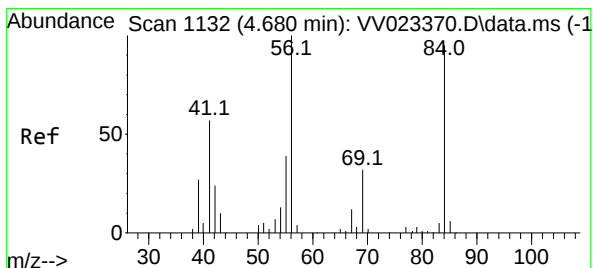
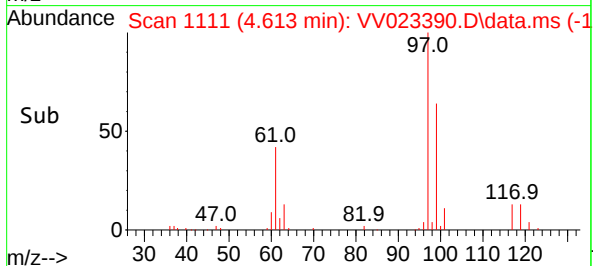
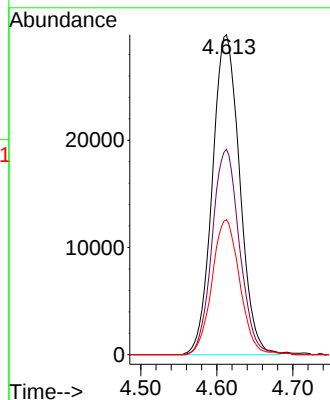
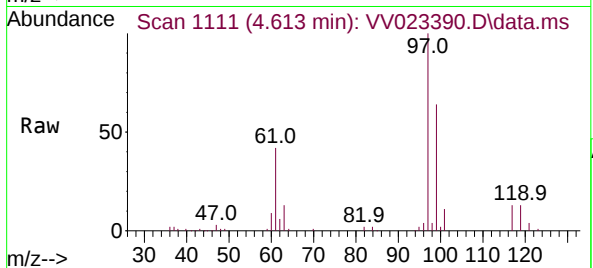
Tgt Ion: 97 Resp: 74561

Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.4

61 42.9 34.1 51.1



#30

Cyclohexane

Concen: 4.845 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VV023390.D

Acq: 11 Nov 2021 16:04

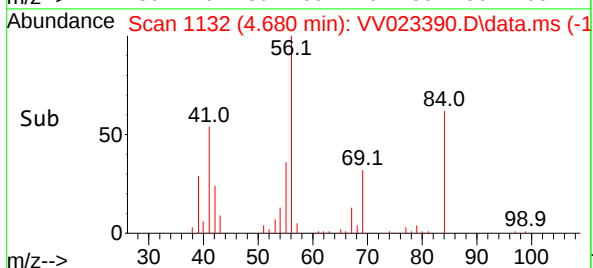
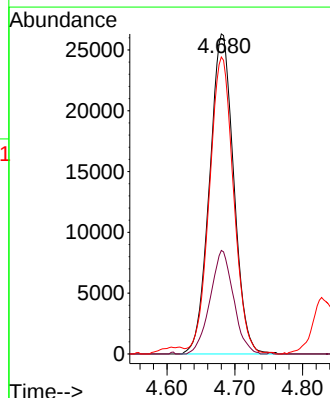
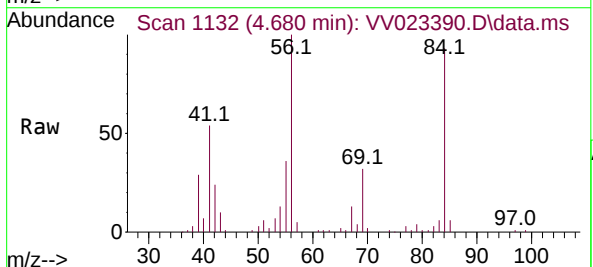
Tgt Ion: 56 Resp: 65173

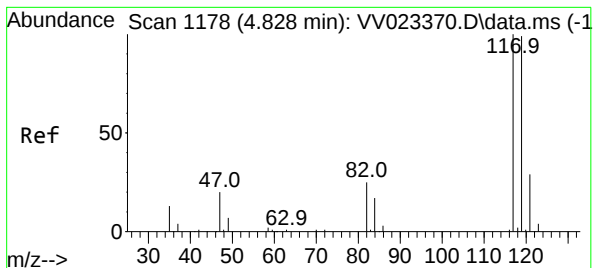
Ion Ratio Lower Upper

56 100

69 31.2 23.5 35.3

84 91.9 71.6 107.4





#31

Carbon tetrachloride

Concen: 5.035 ug/L

RT: 4.831 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VV023390.D

Acq: 11 Nov 2021 16:04

Instrument :

MSVOA_V

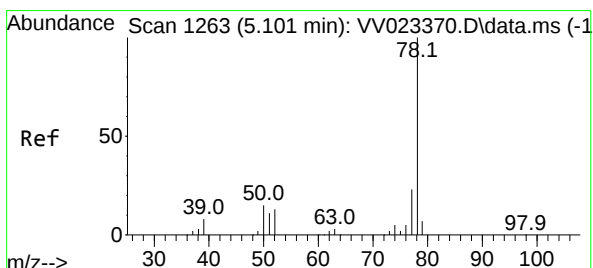
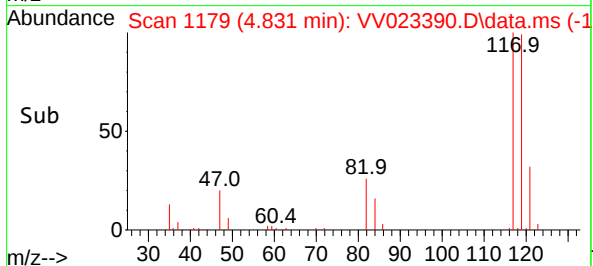
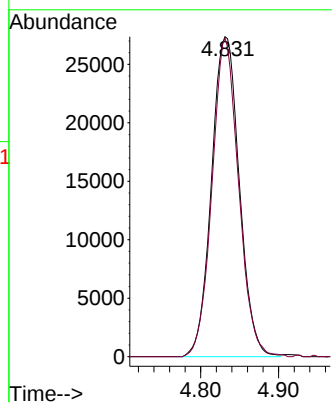
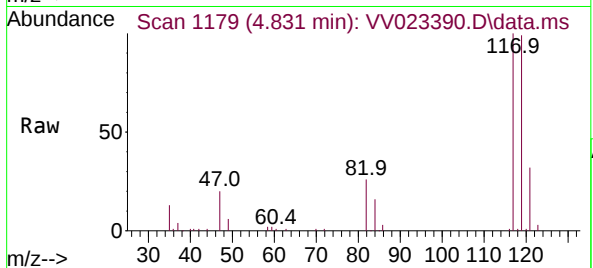
ClientSampleId :

Tgt Ion:117 Resp: 67880

Ion Ratio Lower Upper

117 100

119 95.1 78.8 118.2



#33

Benzene

Concen: 4.991 ug/L

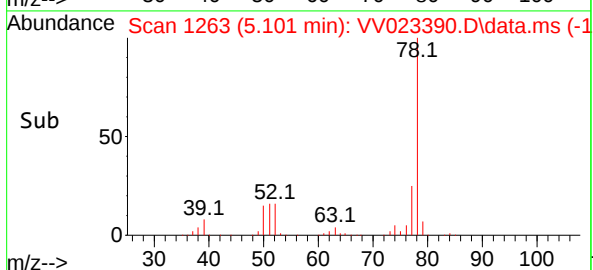
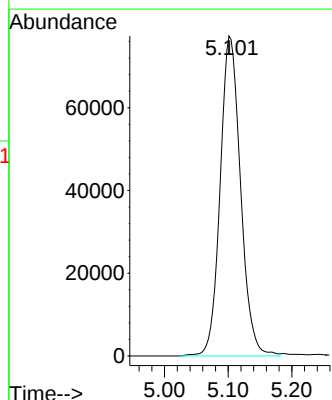
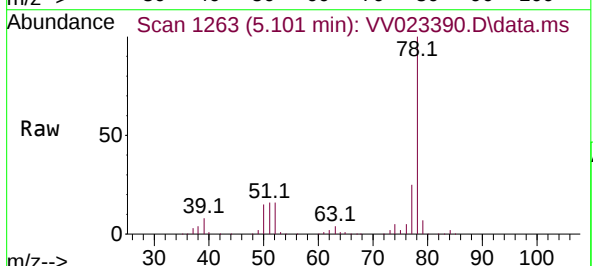
RT: 5.101 min Scan# 1263

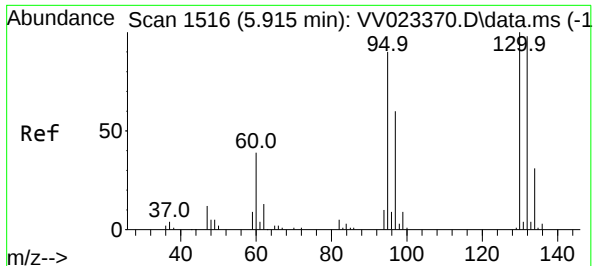
Delta R.T. -0.000 min

Lab File: VV023390.D

Acq: 11 Nov 2021 16:04

Tgt Ion: 78 Resp: 172427

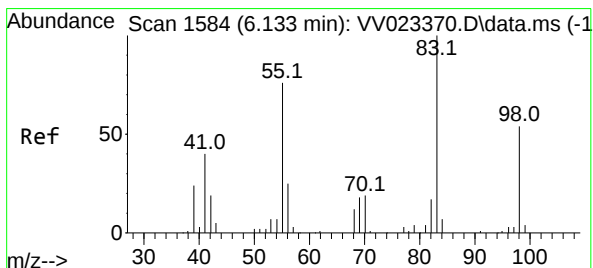
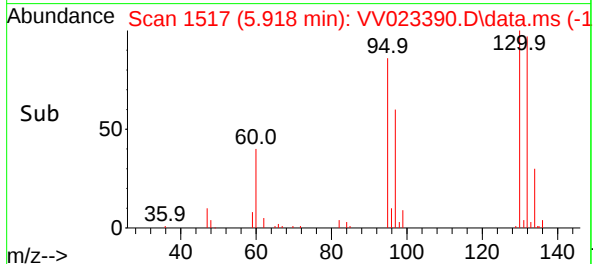
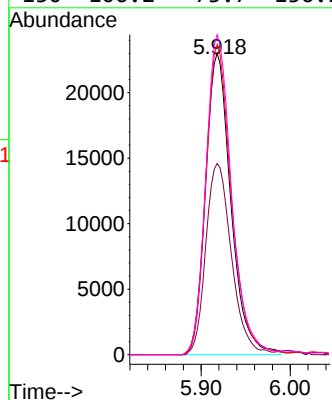
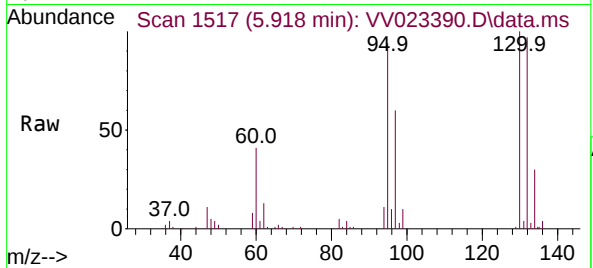




#34
Trichloroethene
Concen: 4.956 ug/L
RT: 5.918 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV023390.D
Acq: 11 Nov 2021 16:04

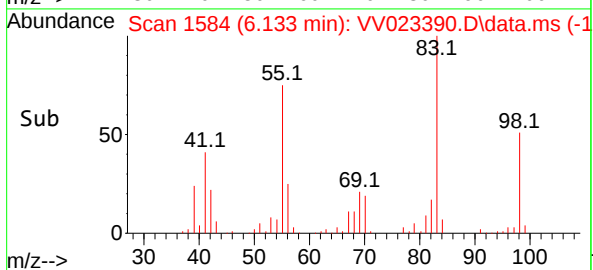
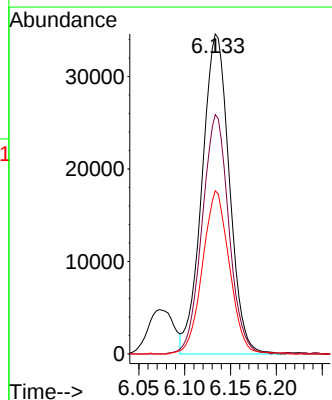
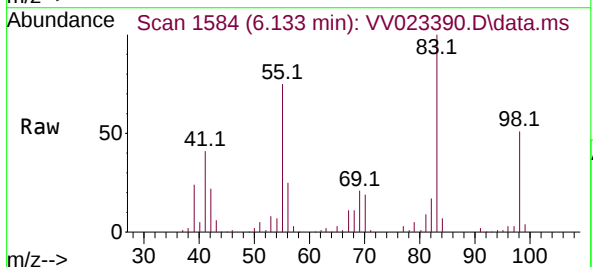
Instrument :
MSVOA_V
ClientSampleId :

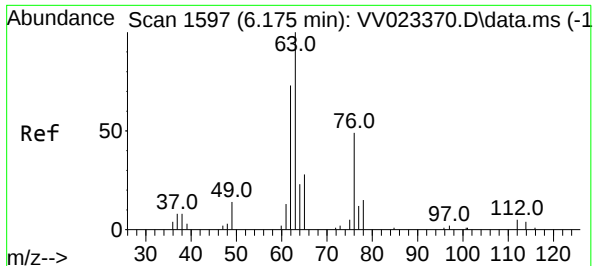
Tgt Ion: 95 Resp: 45527
Ion Ratio Lower Upper
95 100
97 63.4 45.0 83.6
132 102.9 69.7 129.4
130 106.2 73.7 136.9



#35
Methylcyclohexane
Concen: 4.949 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VV023390.D
Acq: 11 Nov 2021 16:04

Tgt Ion: 83 Resp: 71758
Ion Ratio Lower Upper
83 100
55 73.2 62.8 94.2
98 50.3 37.9 56.9





#37

1,2-Dichloropropane

Concen: 5.123 ug/L

RT: 6.175 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV023390.D

Acq: 11 Nov 2021 16:04

Instrument :

MSVOA_V

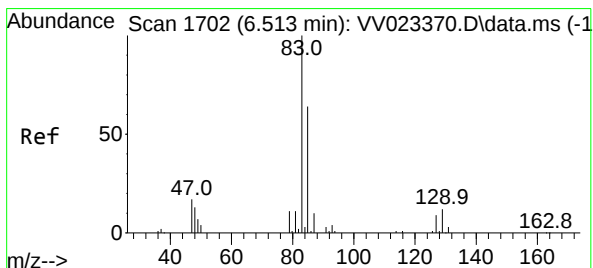
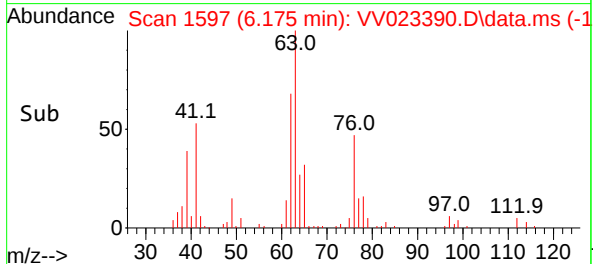
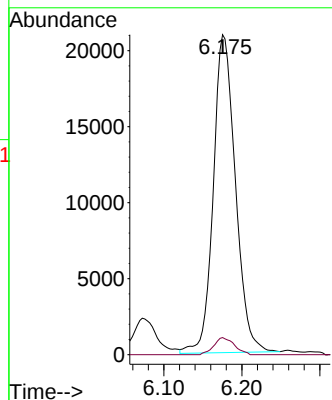
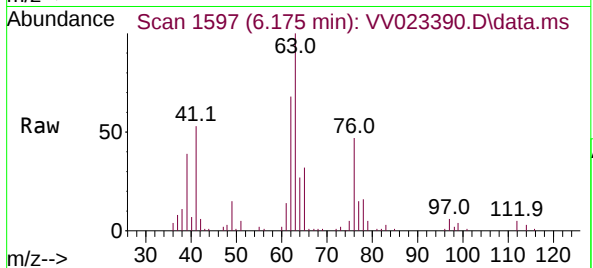
ClientSampleId :

Tgt Ion: 63 Resp: 41317

Ion Ratio Lower Upper

63 100

112 5.0 4.6 6.8



#38

Bromodichloromethane

Concen: 5.198 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VV023390.D

Acq: 11 Nov 2021 16:04

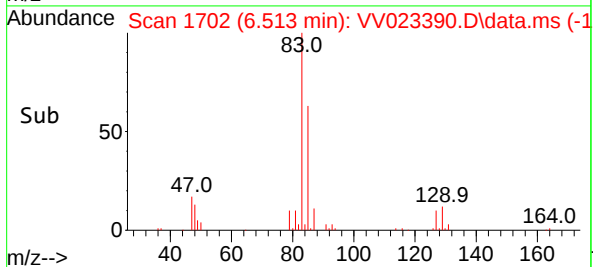
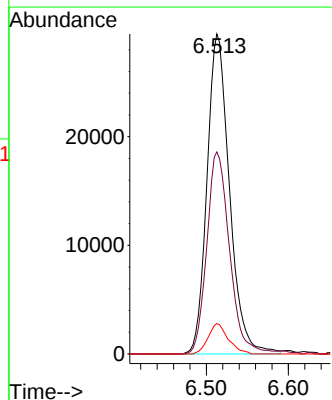
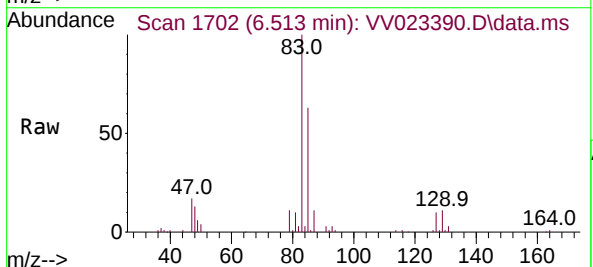
Tgt Ion: 83 Resp: 56176

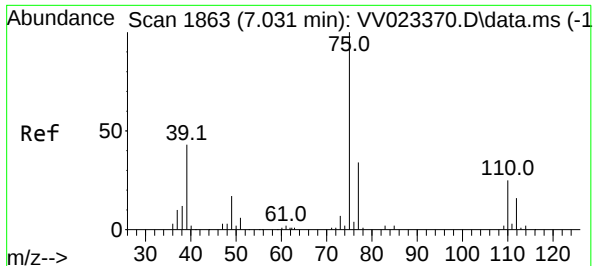
Ion Ratio Lower Upper

83 100

85 63.2 46.1 85.7

127 9.5 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.097 ug/L

RT: 7.030 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV023390.D

Acq: 11 Nov 2021 16:04

Instrument :

MSVOA_V

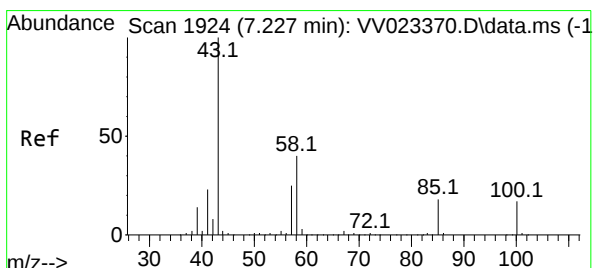
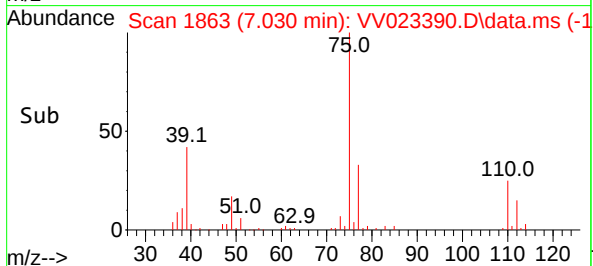
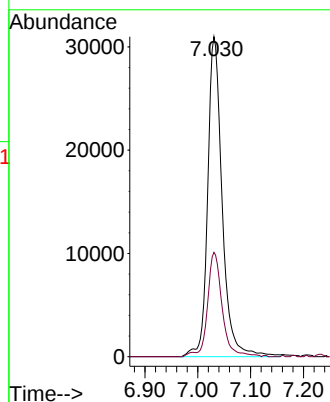
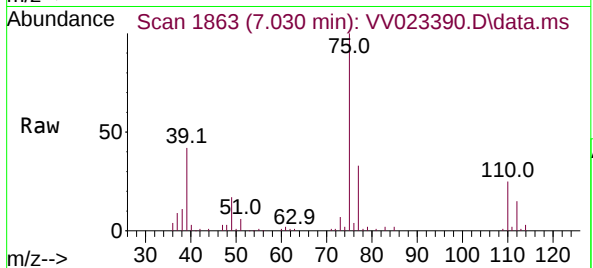
ClientSampleId :

Tgt Ion: 75 Resp: 59130

Ion Ratio Lower Upper

75 100

77 32.6 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 62.430 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VV023390.D

Acq: 11 Nov 2021 16:04

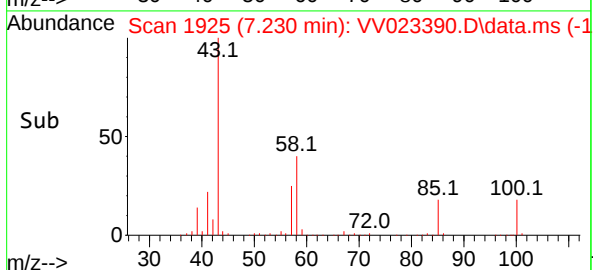
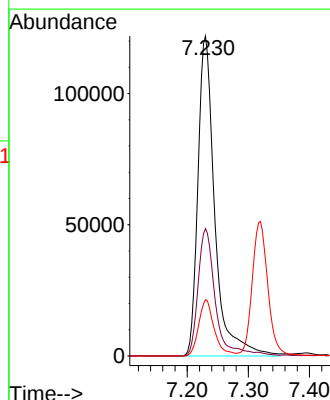
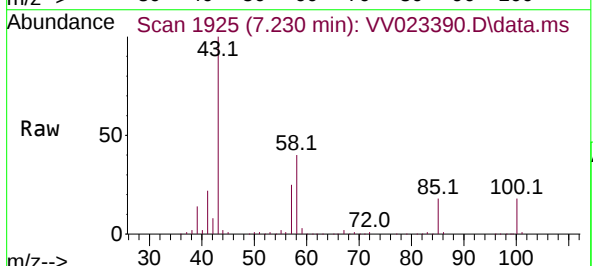
Tgt Ion: 43 Resp: 233522

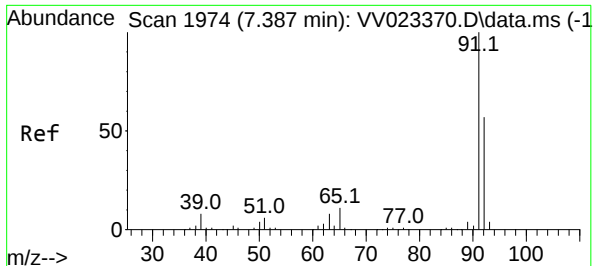
Ion Ratio Lower Upper

43 100

58 40.8 31.1 46.7

100 16.2 12.6 19.0





#42

Toluene

Concen: 5.173 ug/L

RT: 7.391 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV023390.D

Acq: 11 Nov 2021 16:04

Instrument :

MSVOA_V

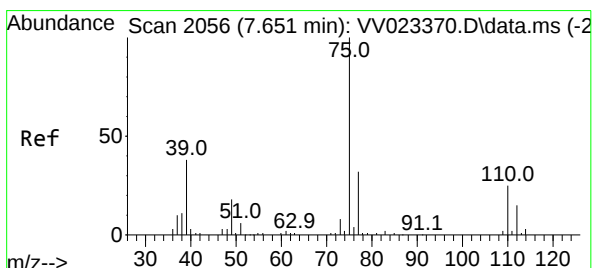
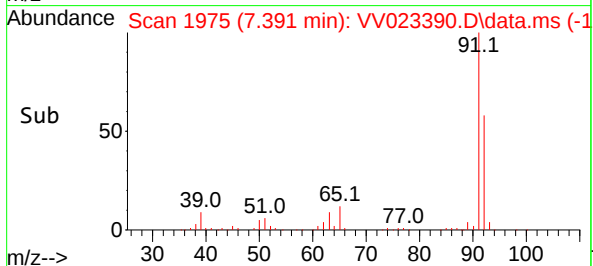
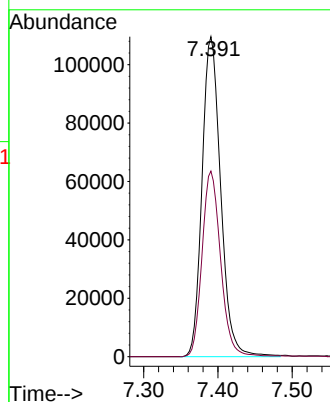
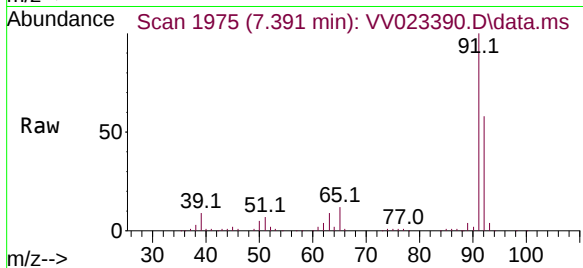
ClientSampleId :

Tgt Ion: 91 Resp: 191149

Ion Ratio Lower Upper

91 100

92 58.0 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 5.133 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV023390.D

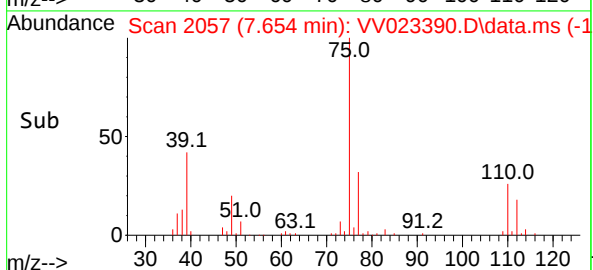
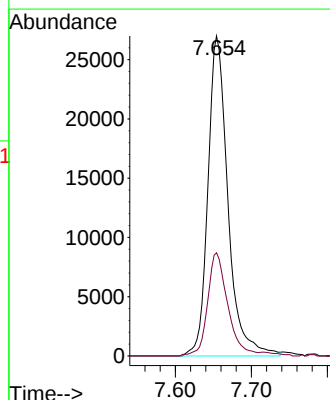
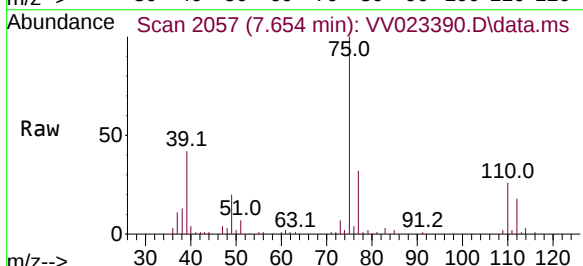
Acq: 11 Nov 2021 16:04

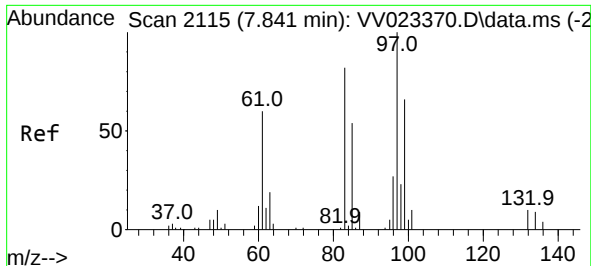
Tgt Ion: 75 Resp: 49404

Ion Ratio Lower Upper

75 100

77 32.2 22.5 41.7

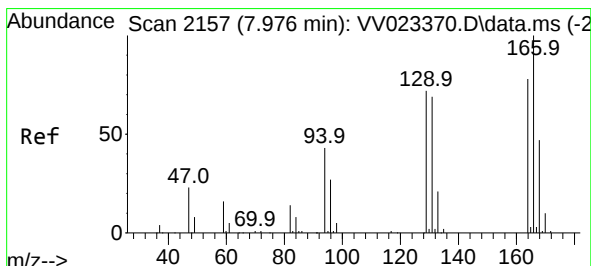
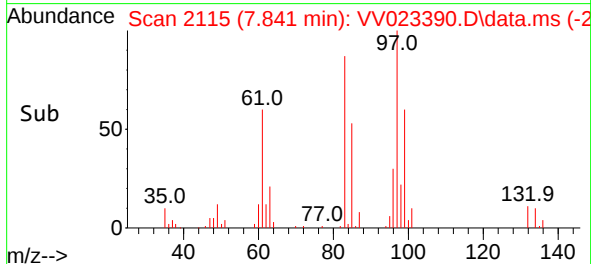
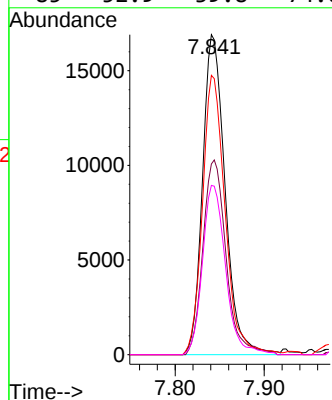
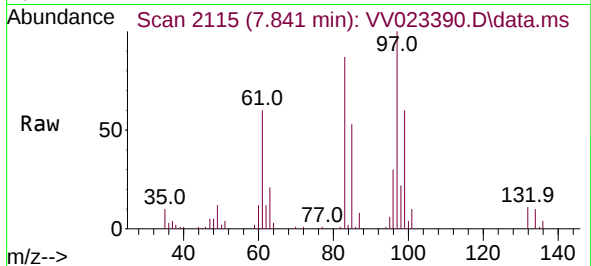




#45
1,1,2-Trichloroethane
Concen: 5.127 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV023390.D
Acq: 11 Nov 2021 16:04

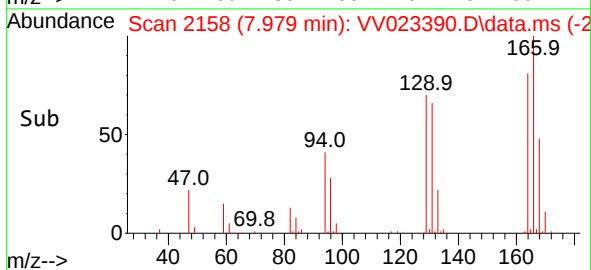
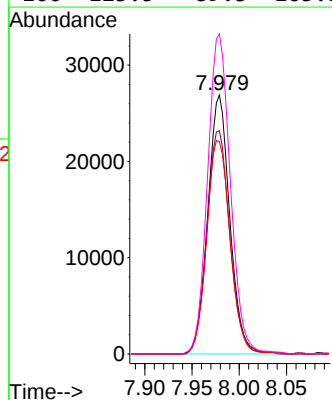
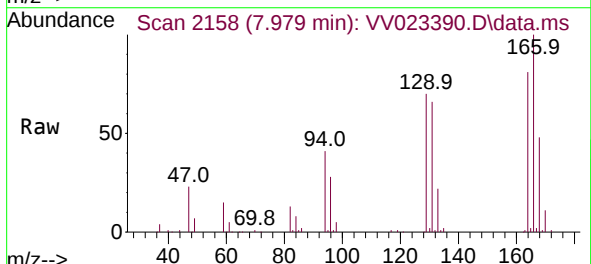
Instrument :
MSVOA_V
ClientSampleId :

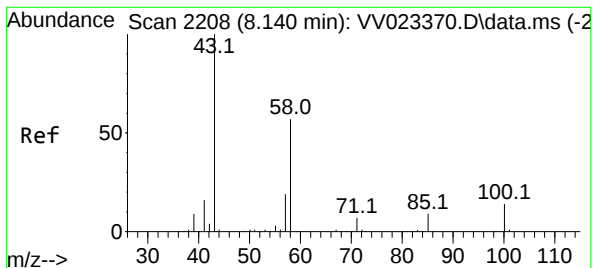
Tgt Ion: 97	Resp: 29708
Ion Ratio	Lower Upper
97 100	
99 59.6	43.6 81.0
83 87.3	58.4 108.4
85 52.9	39.8 74.0



#47
Tetrachloroethene
Concen: 5.466 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV023390.D
Acq: 11 Nov 2021 16:04

Tgt Ion:164	Resp: 43520		
Ion	Ratio	Lower	Upper
164	100		
129	86.2	64.0	119.0
131	81.9	63.4	117.8
166	123.5	89.3	165.9





#48

2-Hexanone

Concen: 65.040 ug/L

RT: 8.143 min Scan# 2209

Delta R.T. 0.003 min

Lab File: VV023390.D

Acq: 11 Nov 2021 16:04

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 170472

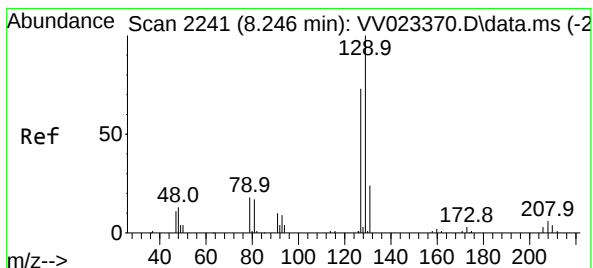
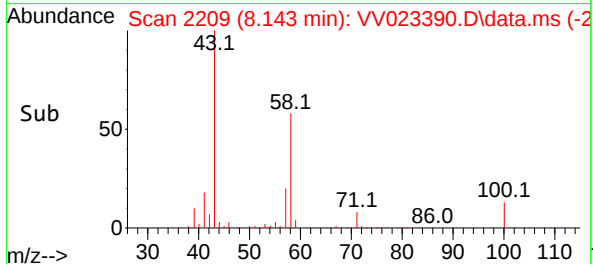
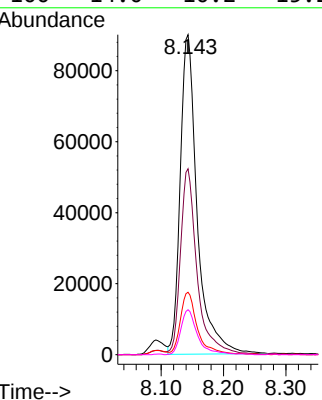
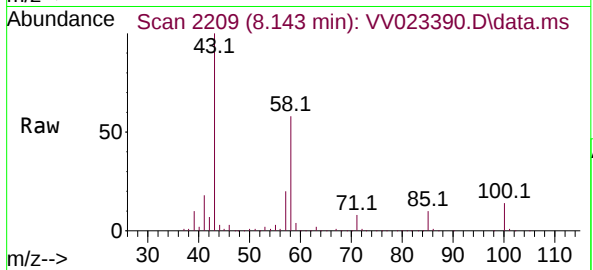
Ion Ratio Lower Upper

43 100

58 56.9 43.7 65.5

57 18.9 14.1 21.1

100 14.0 10.2 15.2



#49

Dibromochloromethane

Concen: 5.385 ug/L

RT: 8.249 min Scan# 2242

Delta R.T. 0.003 min

Lab File: VV023390.D

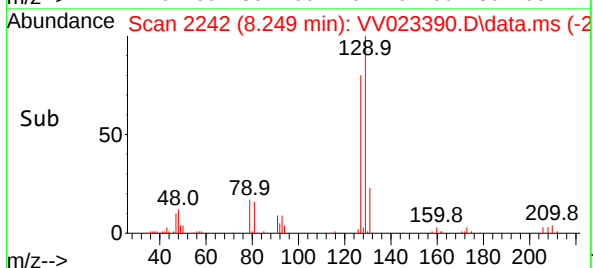
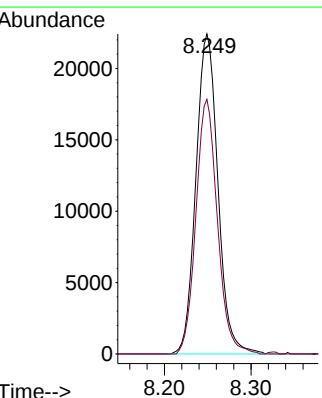
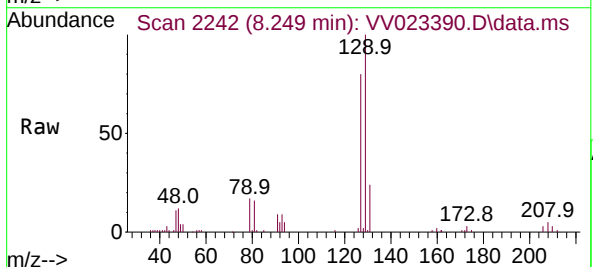
Acq: 11 Nov 2021 16:04

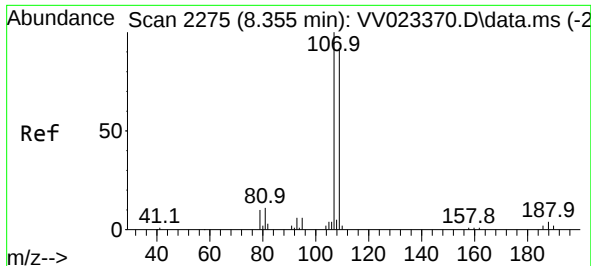
Tgt Ion:129 Resp: 39536

Ion Ratio Lower Upper

129 100

127 79.6 54.7 101.7





#50

1,2-Dibromoethane

Concen: 5.342 ug/L

RT: 8.355 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV023390.D

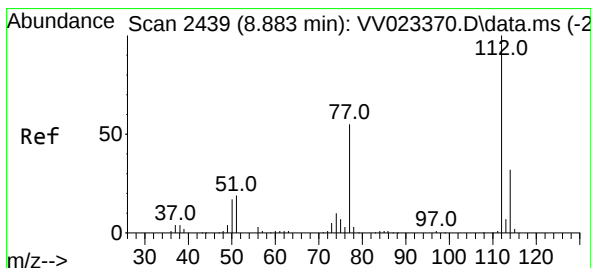
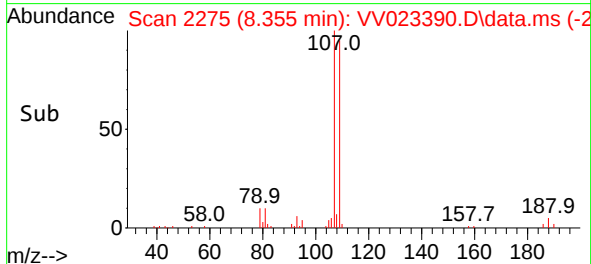
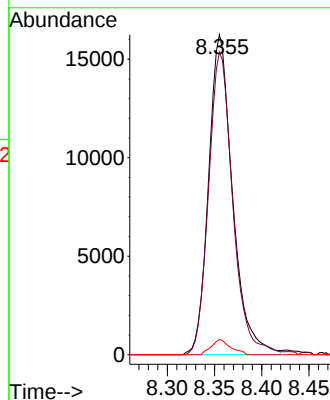
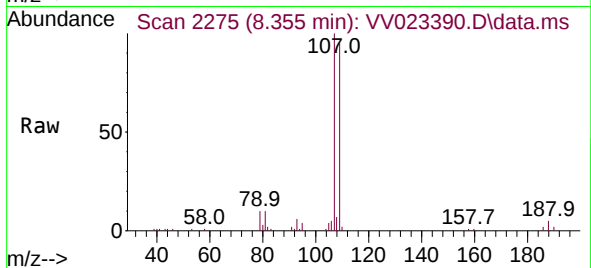
Acq: 11 Nov 2021 16:04

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	28689
Ion	Ratio	Lower	Upper
107	100		
109	94.6	64.7	120.1
188	4.8	3.6	5.4



#51

Chlorobenzene

Concen: 4.918 ug/L

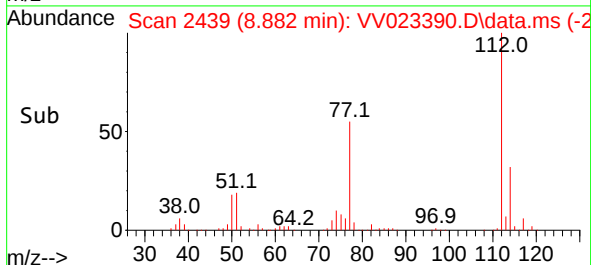
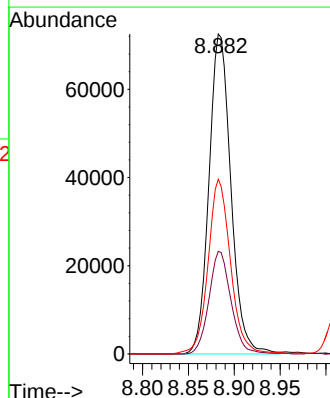
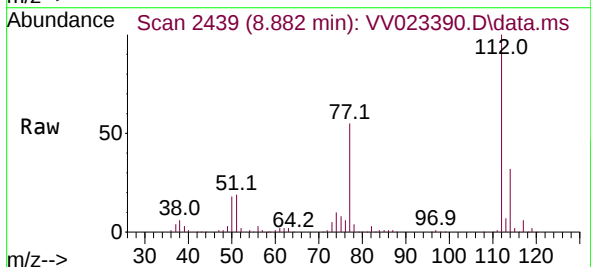
RT: 8.882 min Scan# 2439

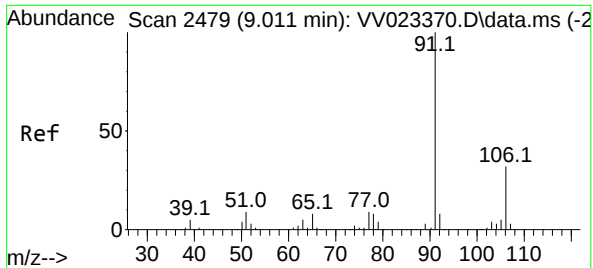
Delta R.T. -0.000 min

Lab File: VV023390.D

Acq: 11 Nov 2021 16:04

Tgt Ion:	112	Resp:	120779
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.0	40.8
77	54.6	44.4	66.6

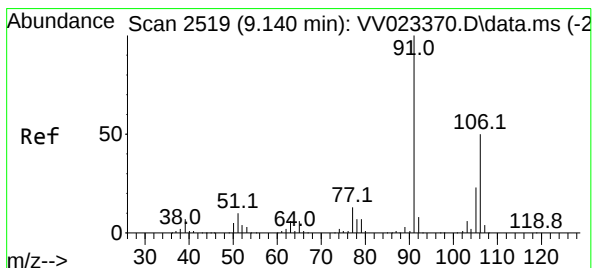
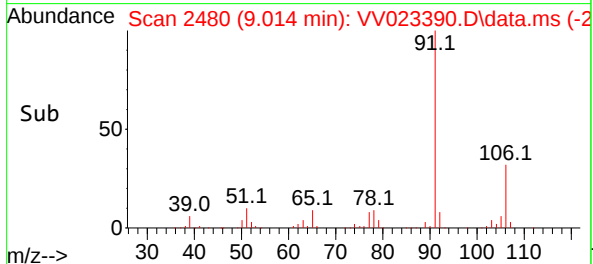
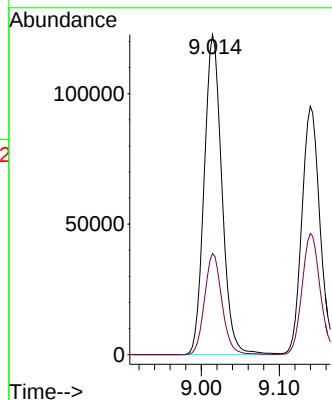
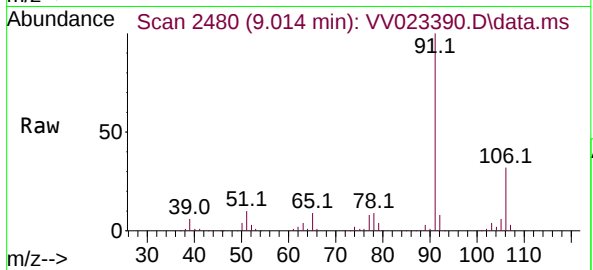




#52
Ethylbenzene
Concen: 4.968 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV023390.D
Acq: 11 Nov 2021 16:04

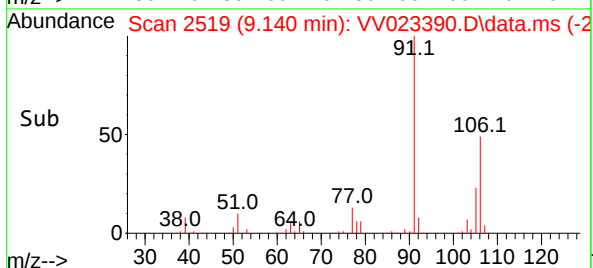
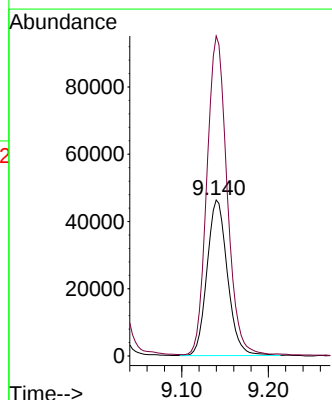
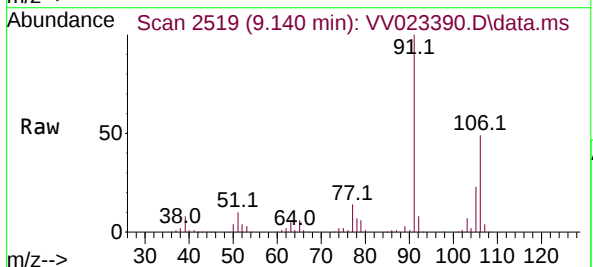
Instrument :
MSVOA_V
ClientSampleId :

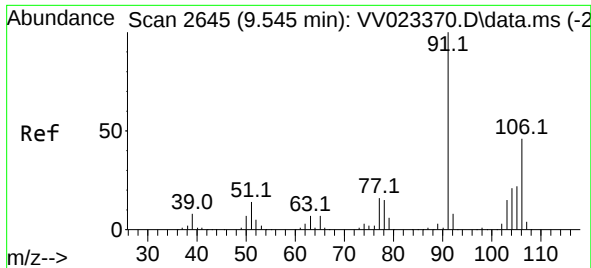
Tgt Ion: 91 Resp: 193611
Ion Ratio Lower Upper
91 100
106 31.6 22.5 41.9



#53
m,p-xylene
Concen: 4.964 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV023390.D
Acq: 11 Nov 2021 16:04

Tgt Ion: 106 Resp: 75919
Ion Ratio Lower Upper
106 100
91 205.2 137.2 254.8

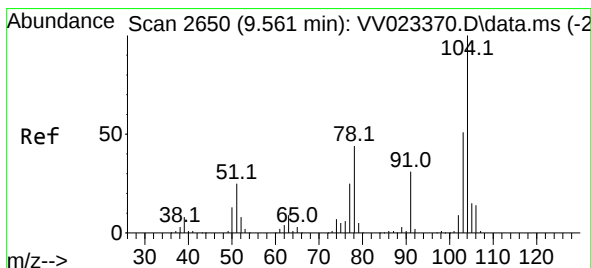
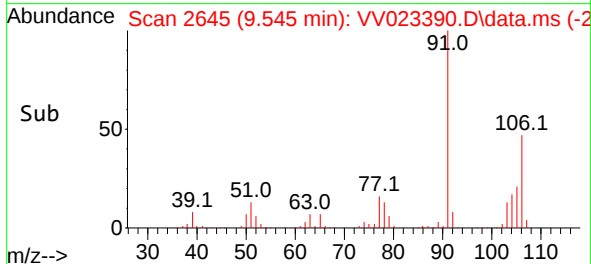
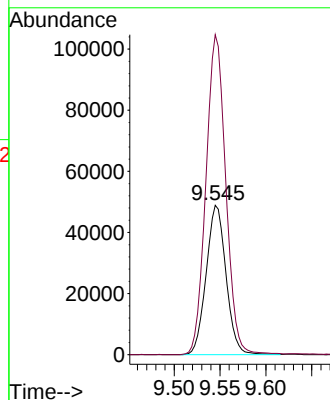
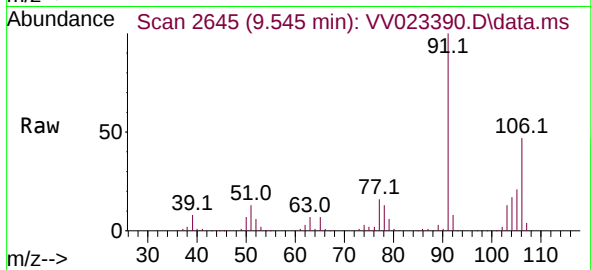




#54
o-xylene
Concen: 5.134 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV023390.D
Acq: 11 Nov 2021 16:04

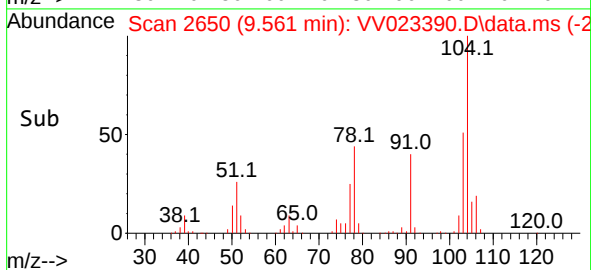
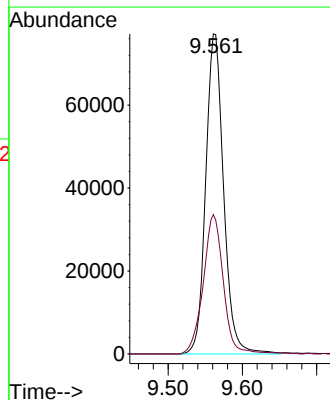
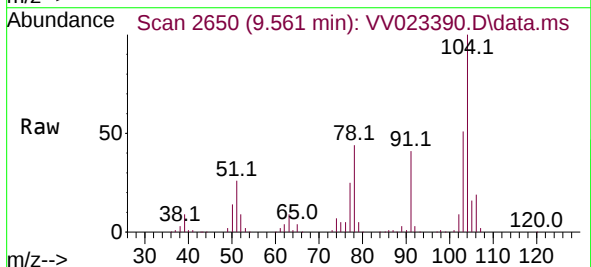
Instrument :
MSVOA_V
ClientSampleId :

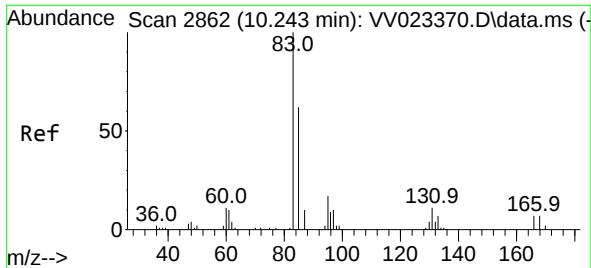
Tgt Ion:106 Resp: 73670
Ion Ratio Lower Upper
106 100
91 214.1 148.3 275.5



#55
Styrene
Concen: 5.244 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV023390.D
Acq: 11 Nov 2021 16:04

Tgt Ion:104 Resp: 128904
Ion Ratio Lower Upper
104 100
78 43.5 29.3 54.3

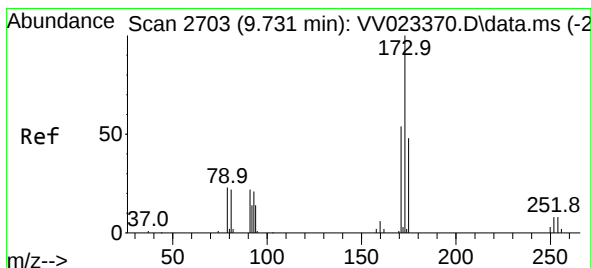
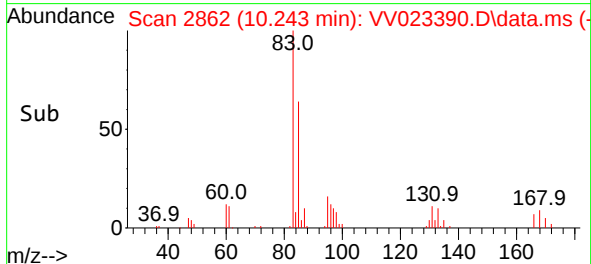
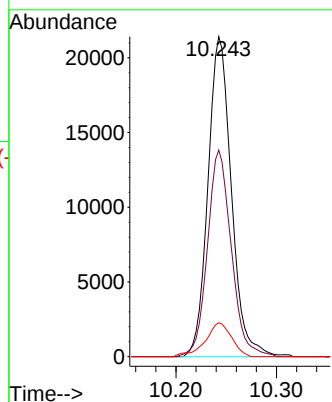
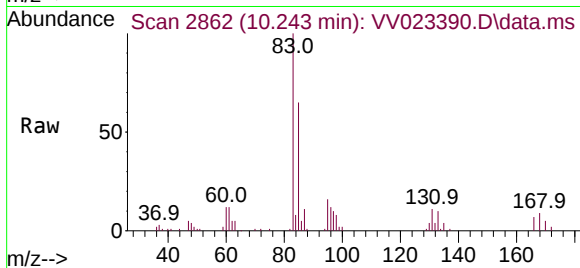




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.459 ug/L
 RT: 10.243 min Scan# 2862
 Delta R.T. -0.000 min
 Lab File: VV023390.D
 Acq: 11 Nov 2021 16:04

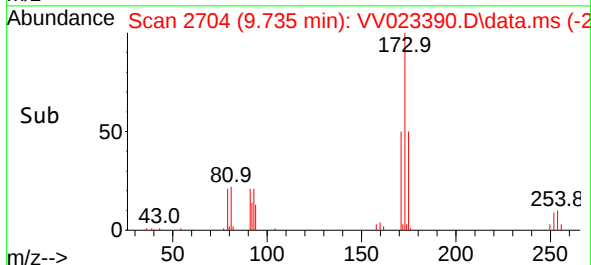
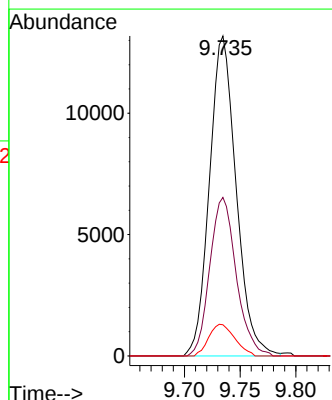
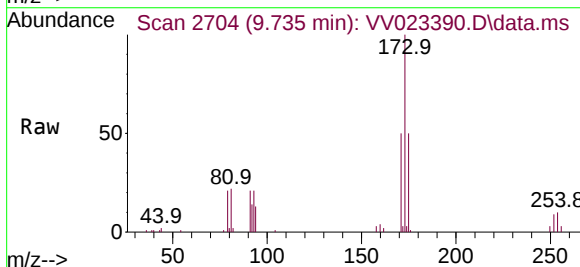
Instrument :
 MSVOA_V
 ClientSampleId :

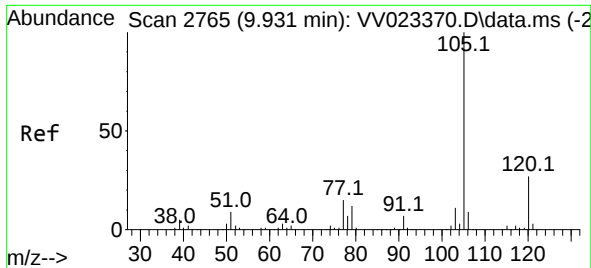
Tgt Ion:	83	Resp:	34660
Ion	Ratio	Lower	Upper
83	100		
85	64.6	45.1	83.9
131	10.6	7.8	11.6



#59
 Bromoform
 Concen: 5.445 ug/L
 RT: 9.735 min Scan# 2704
 Delta R.T. 0.003 min
 Lab File: VV023390.D
 Acq: 11 Nov 2021 16:04

Tgt Ion:	173	Resp:	21980
Ion	Ratio	Lower	Upper
173	100		
175	49.0	38.2	57.2
254	9.6	6.2	9.2

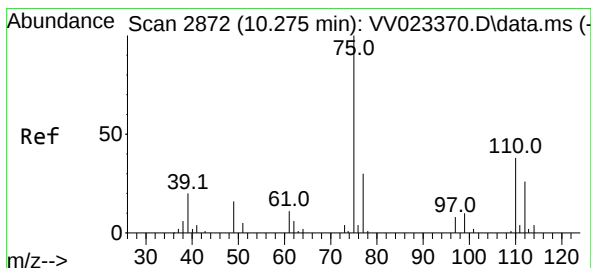
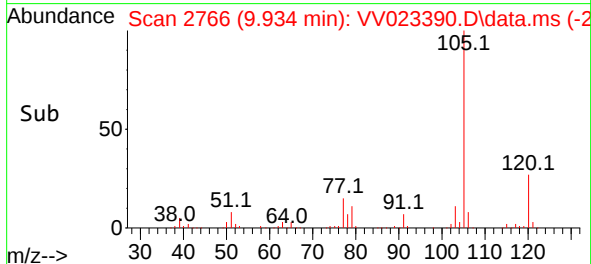
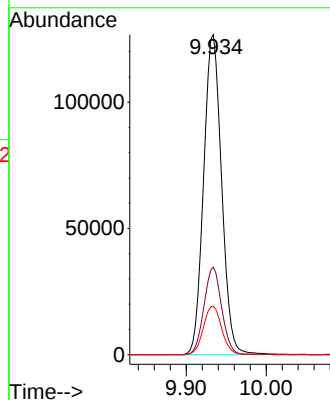
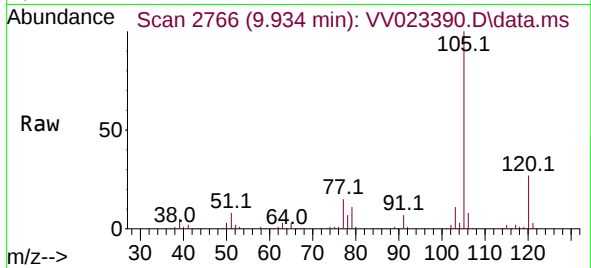




#60
Isopropylbenzene
Concen: 5.119 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023390.D
Acq: 11 Nov 2021 16:04

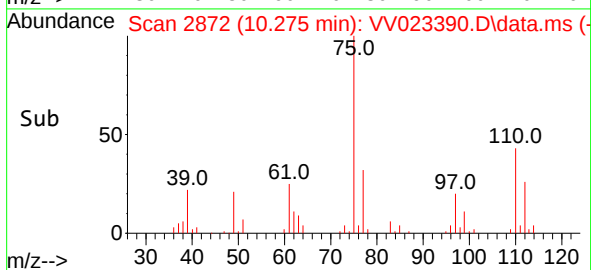
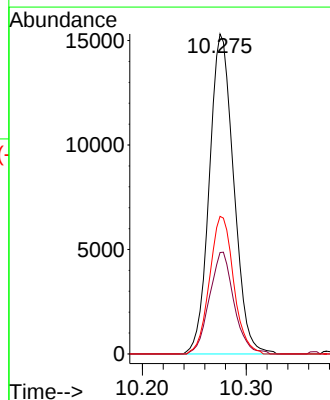
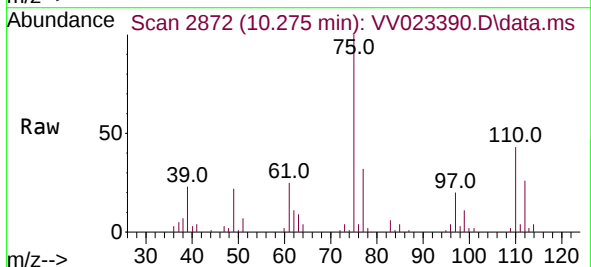
Instrument :
MSVOA_V
ClientSampleId :

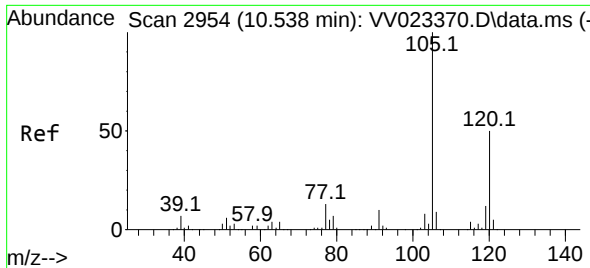
Tgt Ion:105 Resp: 198542
Ion Ratio Lower Upper
105 100
120 27.0 21.7 32.5
77 15.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.550 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV023390.D
Acq: 11 Nov 2021 16:04

Tgt Ion: 75 Resp: 24920
Ion Ratio Lower Upper
75 100
77 32.0 26.6 39.8
110 42.5 31.8 47.6

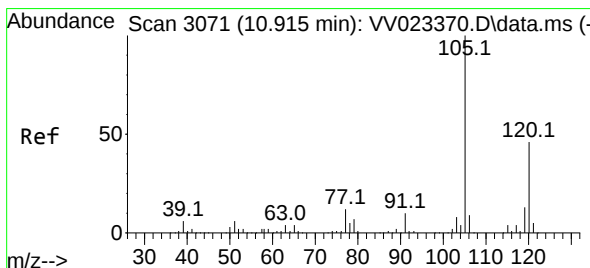
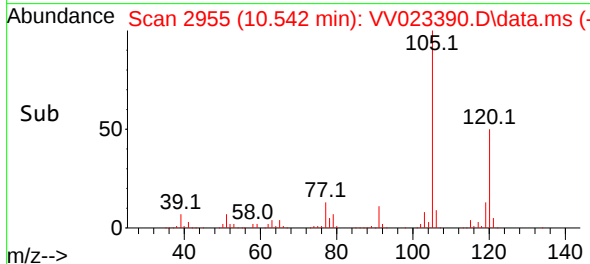
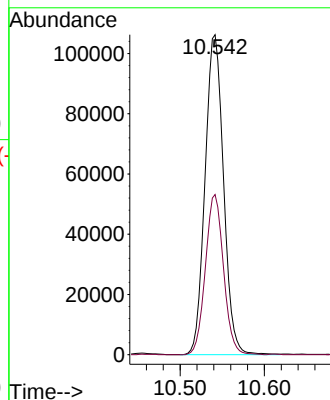
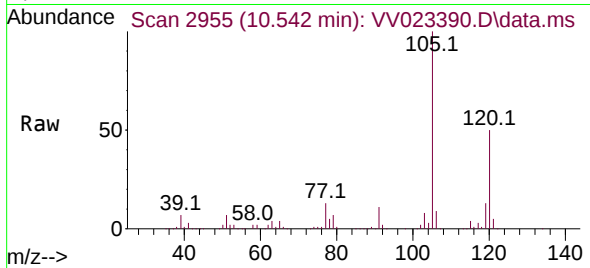




#62
 1,3,5-Trimethylbenzene
 Concen: 5.055 ug/L
 RT: 10.542 min Scan# 2954
 Delta R.T. 0.003 min
 Lab File: VV023390.D
 Acq: 11 Nov 2021 16:04

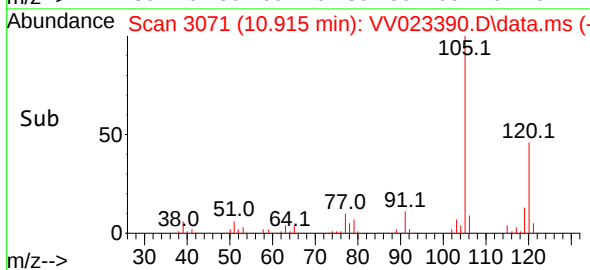
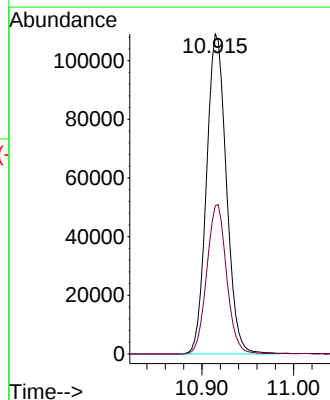
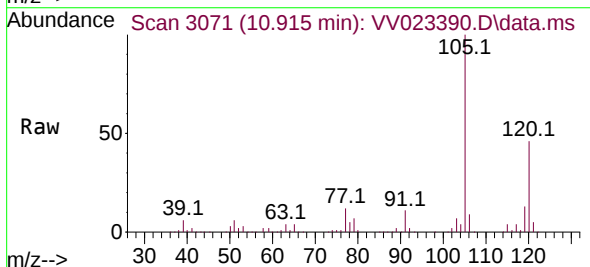
Instrument :
 MSVOA_V
 ClientSampleId :

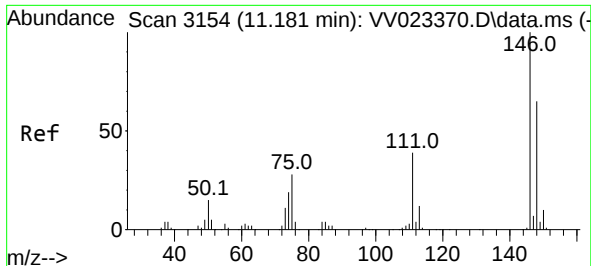
Tgt Ion:105 Resp: 162575
 Ion Ratio Lower Upper
 105 100
 120 49.0 39.7 59.5



#63
 1,2,4-Trimethylbenzene
 Concen: 5.128 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. -0.000 min
 Lab File: VV023390.D
 Acq: 11 Nov 2021 16:04

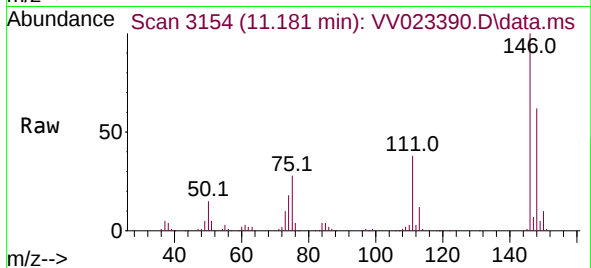
Tgt Ion:105 Resp: 164131
 Ion Ratio Lower Upper
 105 100
 120 46.7 37.4 56.2



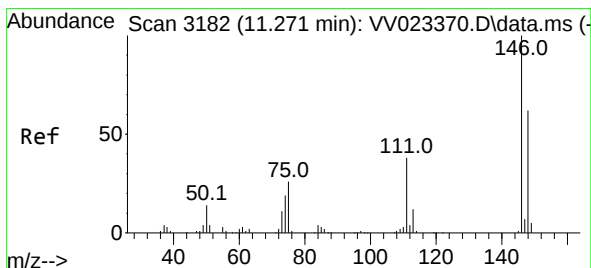
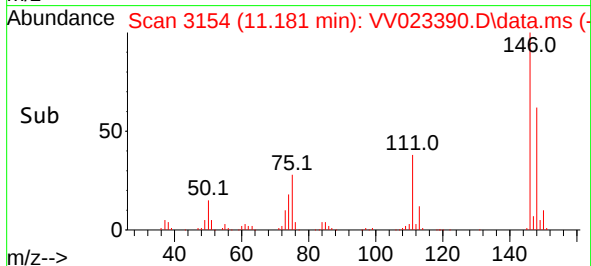
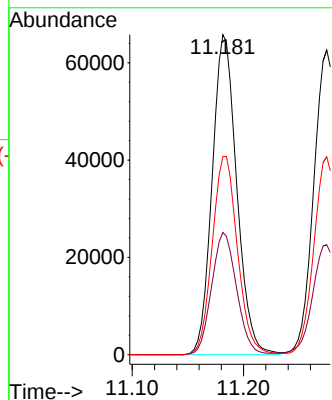


#64
1,3-Dichlorobenzene
Concen: 5.087 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV023390.D
Acq: 11 Nov 2021 16:04

Instrument :
MSVOA_V
ClientSampleId :

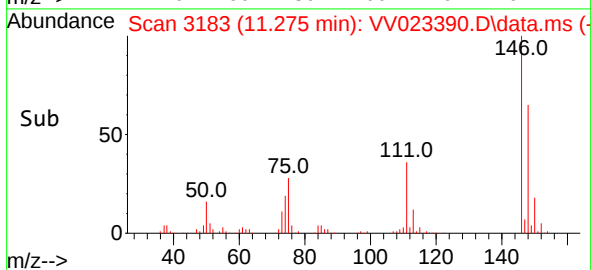
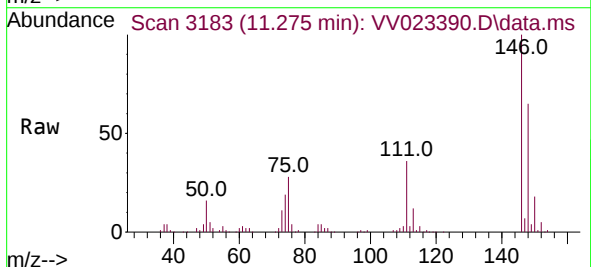
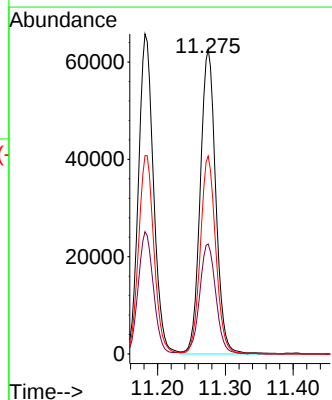


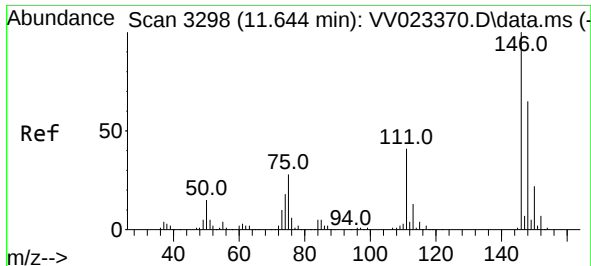
Tgt Ion:146 Resp: 100818
Ion Ratio Lower Upper
146 100
111 38.2 26.7 49.7
148 61.9 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 4.915 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV023390.D
Acq: 11 Nov 2021 16:04

Tgt Ion:146 Resp: 99482
Ion Ratio Lower Upper
146 100
111 36.1 26.2 48.8
148 64.9 44.4 82.5

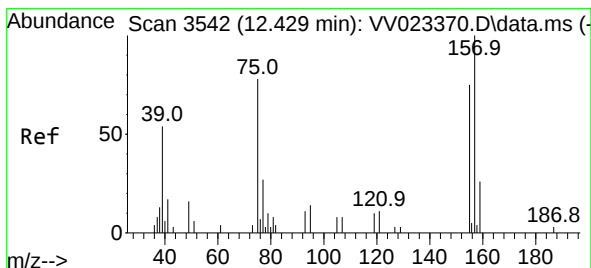
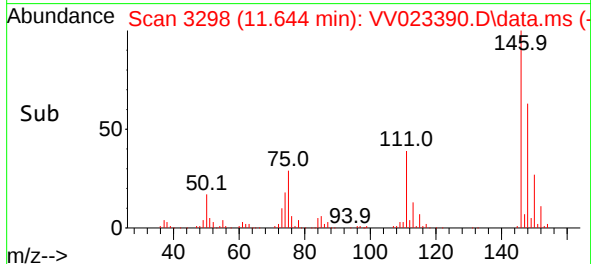
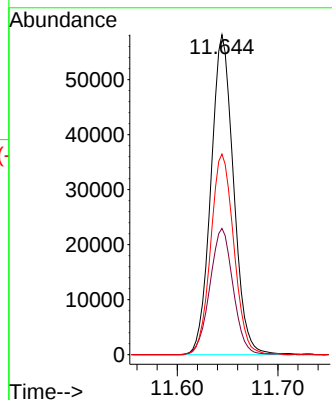
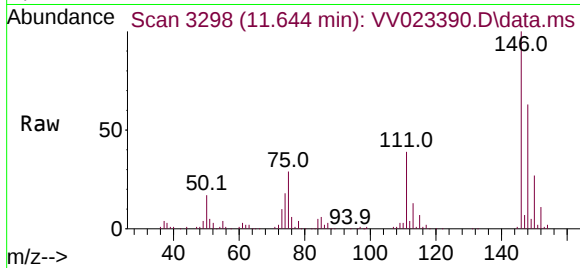




#67
1,2-Dichlorobenzene
Concen: 5.123 ug/L
RT: 11.644 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV023390.D
Acq: 11 Nov 2021 16:04

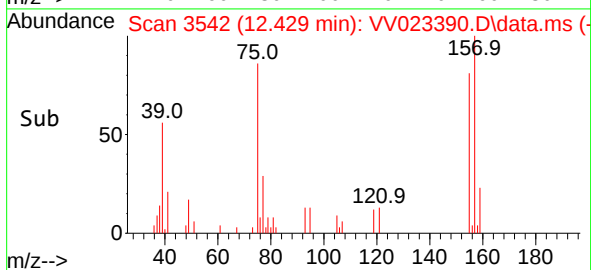
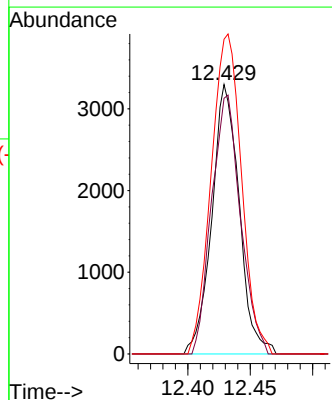
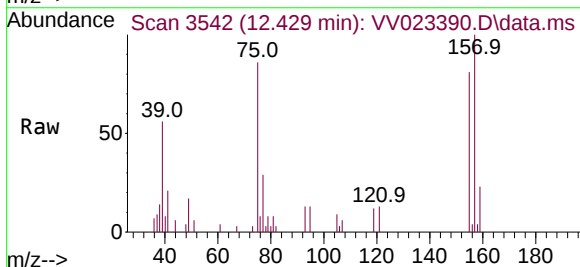
Instrument :
MSVOA_V
ClientSampleId :

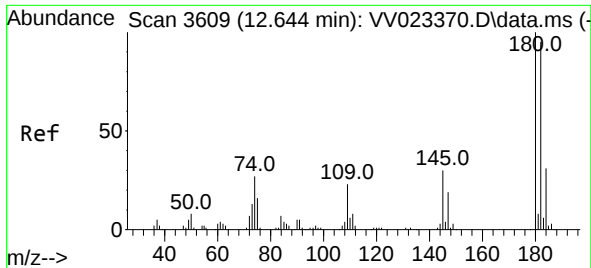
Tgt Ion:146 Resp: 90850
Ion Ratio Lower Upper
146 100
111 39.5 31.6 47.4
148 62.7 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 5.248 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV023390.D
Acq: 11 Nov 2021 16:04

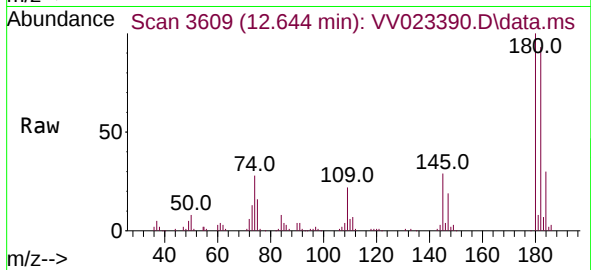
Tgt Ion: 75 Resp: 5020
Ion Ratio Lower Upper
75 100
155 94.9 67.7 101.5
157 116.8 87.9 131.9



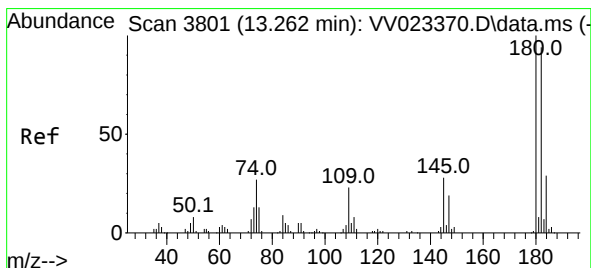
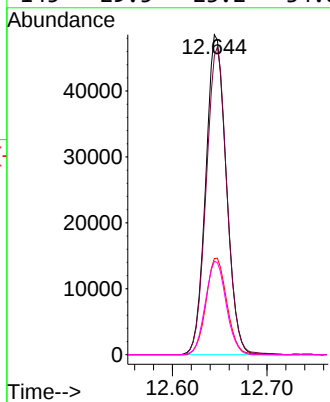
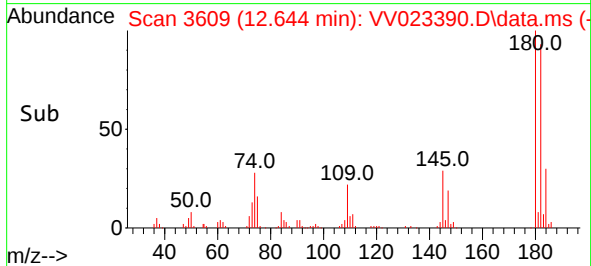


#69
 1,3,5-Trichlorobenzene
 Concen: 4.728 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV023390.D
 Acq: 11 Nov 2021 16:04

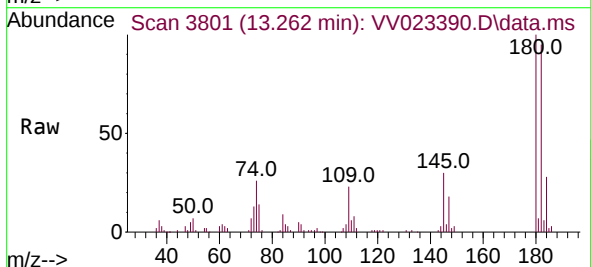
Instrument :
 MSVOA_V
 ClientSampleId :



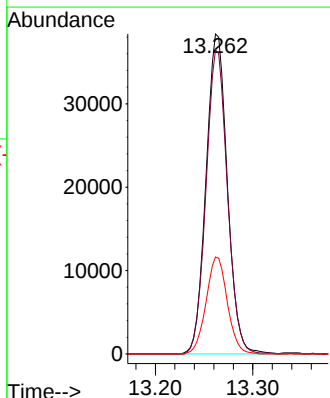
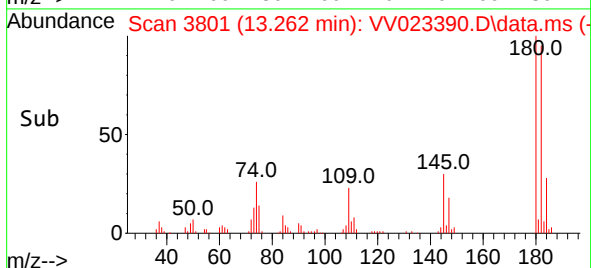
Tgt Ion:180 Resp: 73354
 Ion Ratio Lower Upper
 180 100
 182 96.3 74.9 112.3
 184 30.4 23.8 35.8
 145 29.5 23.2 34.8

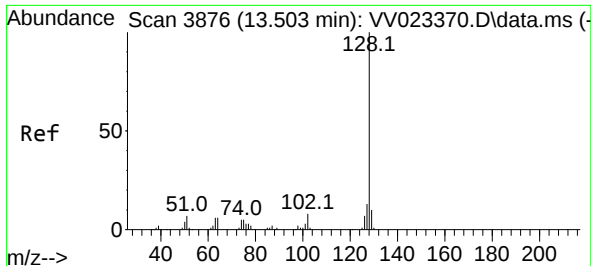


#70
 1,2,4-trichlorobenzene
 Concen: 4.689 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. -0.000 min
 Lab File: VV023390.D
 Acq: 11 Nov 2021 16:04



Tgt Ion:180 Resp: 58268
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.9 115.3
 145 30.2 24.4 36.6

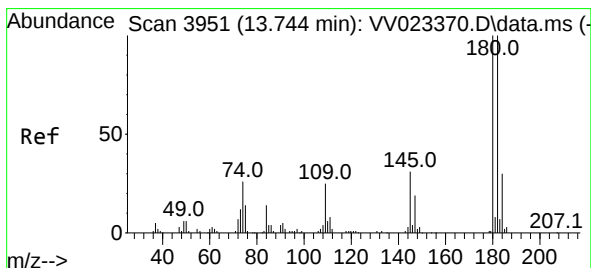
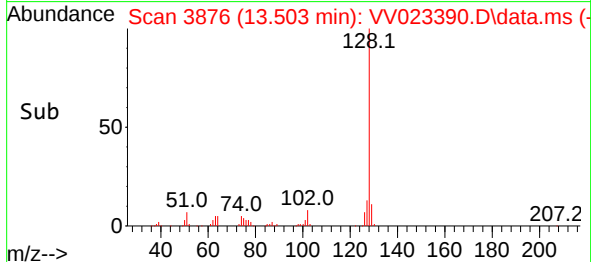
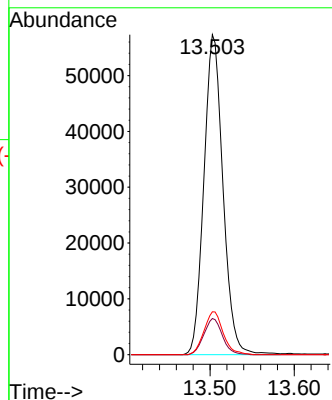
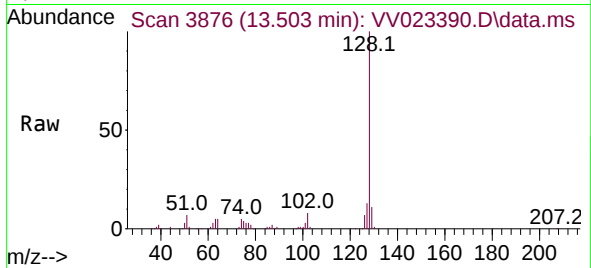




#71
Naphthalene
Concen: 4.936 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV023390.D
Acq: 11 Nov 2021 16:04

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 90445
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.5 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 5.037 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV023390.D
Acq: 11 Nov 2021 16:04

Tgt Ion:180 Resp: 54758
Ion Ratio Lower Upper
180 100
182 94.6 76.7 115.1
145 31.4 25.7 38.5

