

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111821\
 Data File : VW023608.D
 Acq On : 18 Nov 2021 16:47
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 19 02:14:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 02:11:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	123715	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	121762	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67224	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	37756	4.872	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.400%
7) Chloroethane-d5	1.568	69	30218	4.784	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.111	63	68813	4.743	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.800%
20) 2-Butanone-d5	3.902	46	60999	45.684	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.360%
24) Chloroform-d	4.352	84	73115	4.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.034	65	34576	4.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.050	84	137870	4.413	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.069	67	39683	4.315	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.317	98	133715	4.567	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	7.625	79	15788	4.527	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.091	63	60252	46.960	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.920%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29070	4.395	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	49113	4.388	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	47861	3.967	ug/L	97
3) Chloromethane	1.240	50	40237	3.923	ug/L	99
5) Vinyl chloride	1.310	62	42461	4.145	ug/L	100
6) Bromomethane	1.523	94	25152	3.841	ug/L	97
8) Chloroethane	1.587	64	29140	4.930	ug/L	98
9) Trichlorofluoromethane	1.754	101	70522	4.582	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	37086	4.786	ug/L	99
12) 1,1-Dichloroethene	2.117	96	33612	4.556	ug/L	98
13) Acetone	2.188	43	41188	50.484	ug/L	96
14) Carbon disulfide	2.294	76	101852	3.658	ug/L	100
15) Methyl Acetate	2.439	43	11357	4.918	ug/L	92
16) Methylene chloride	2.507	84	41590	3.863	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	75025	4.620	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	37758	4.163	ug/L	96
19) 1,1-Dichloroethane	3.191	63	67623	4.416	ug/L	98
21) 2-Butanone	3.982	43	65380	49.566	ug/L	97
22) cis-1,2-Dichloroethene	3.915	96	39603	4.537	ug/L	# 85
23) Bromochloromethane	4.249	128	18695	4.645	ug/L	# 82
25) Chloroform	4.375	83	74486	4.564	ug/L	94

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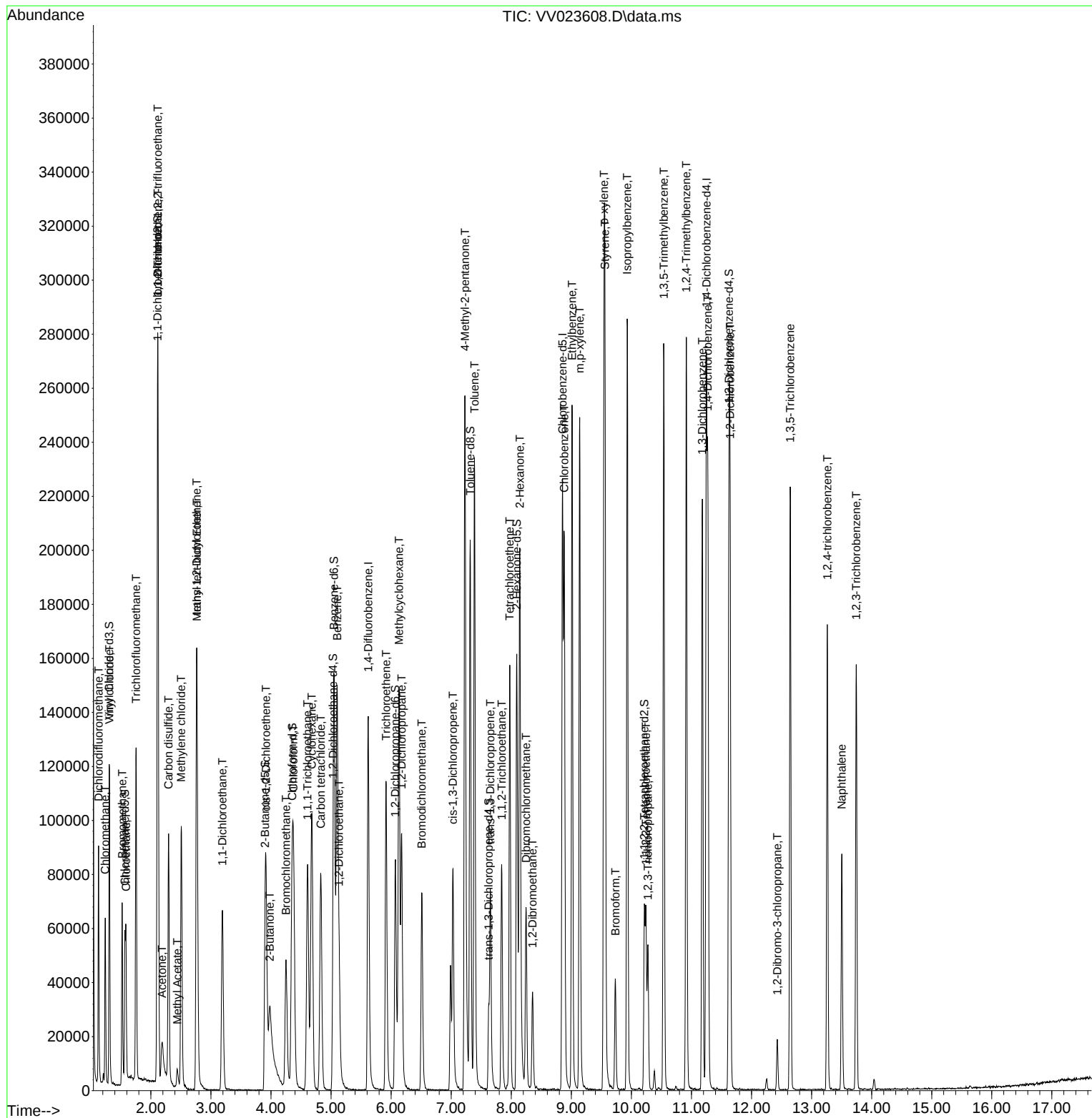
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	40187	4.629	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	67353	4.554	ug/L	98
30) Cyclohexane	4.677	56	52191	3.939	ug/L	95
31) Carbon tetrachloride	4.828	117	60033	4.520	ug/L	100
33) Benzene	5.101	78	151923	4.464	ug/L	100
34) Trichloroethene	5.918	95	39292	4.342	ug/L	93
35) Methylcyclohexane	6.133	83	57242	4.007	ug/L	97
37) 1,2-Dichloropropane	6.175	63	37553	4.727	ug/L	99
38) Bromodichloromethane	6.510	83	49987	4.695	ug/L	96
39) cis-1,3-Dichloropropene	7.030	75	50855	4.450	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	184336	50.025	ug/L	99
42) Toluene	7.387	91	169613	4.660	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	42598	4.493	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	25706	4.503	ug/L	98
47) Tetrachloroethene	7.976	164	35529	4.530	ug/L	98
48) 2-Hexanone	8.143	43	135033	52.297	ug/L	97
49) Dibromochloromethane	8.246	129	34290	4.741	ug/L	97
50) 1,2-Dibromoethane	8.355	107	24664	4.662	ug/L	95
51) Chlorobenzene	8.882	112	110166	4.553	ug/L	97
52) Ethylbenzene	9.011	91	172853	4.502	ug/L	100
53) m,p-xylene	9.140	106	69043	4.582	ug/L	99
54) o-xylene	9.545	106	65093	4.605	ug/L	99
55) Styrene	9.561	104	116260	4.801	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	29634	4.738	ug/L	96
59) Bromoform	9.735	173	18945	4.718	ug/L	99
60) Isopropylbenzene	9.931	105	176198	4.568	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	20837	4.666	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	145753	4.557	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	148158	4.654	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	91449	4.640	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	91259	4.534	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	82634	4.685	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4437	4.664	ug/L	89
69) 1,3,5-Trichlorobenzene	12.644	180	70551	4.572	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	52803	4.273	ug/L	100
71) Naphthalene	13.503	128	68704	3.770	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	47845	4.425	ug/L	98

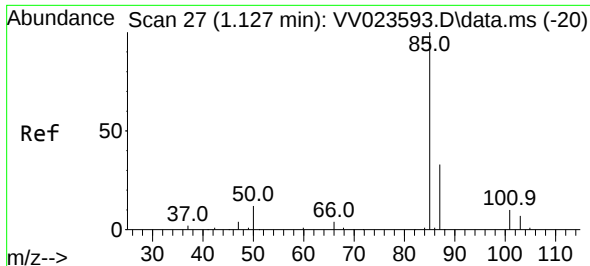
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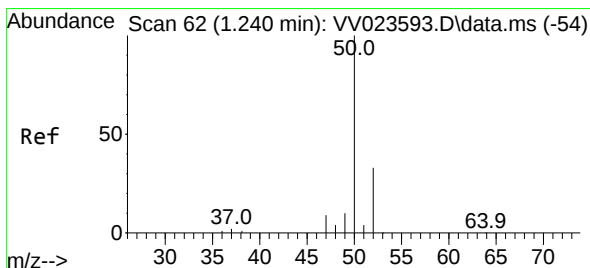
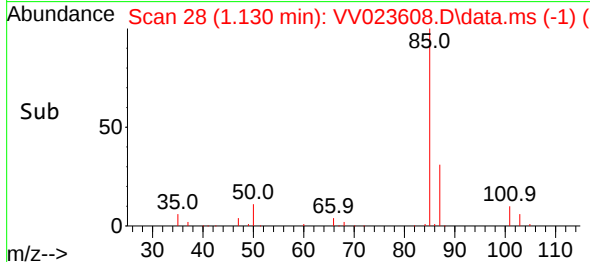
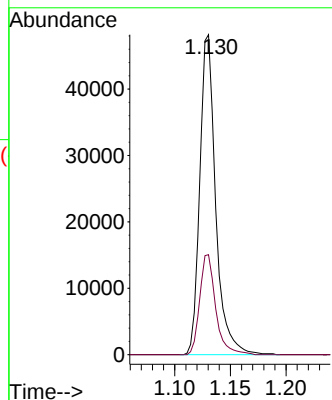
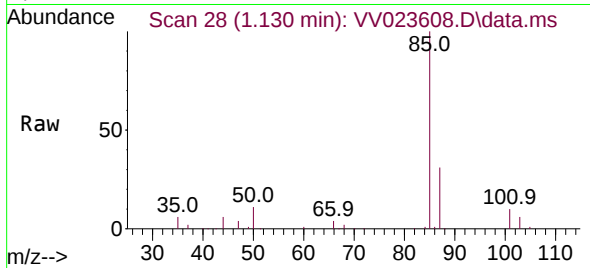




#2
 Dichlorodifluoromethane
 Concen: 3.967 ug/L
 RT: 1.130 min Scan# 27
 Delta R.T. 0.003 min
 Lab File: VV023608.D
 Acq: 18 Nov 2021 16:47

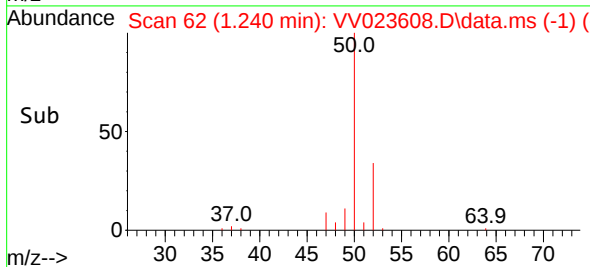
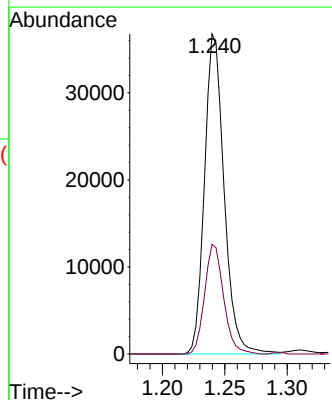
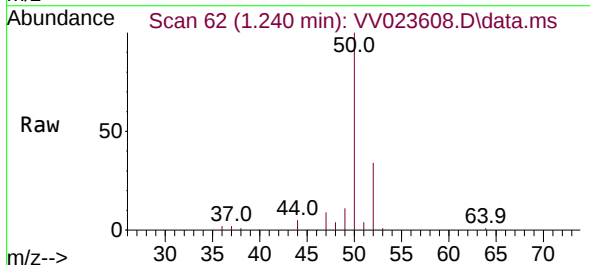
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 ClientSampleId :

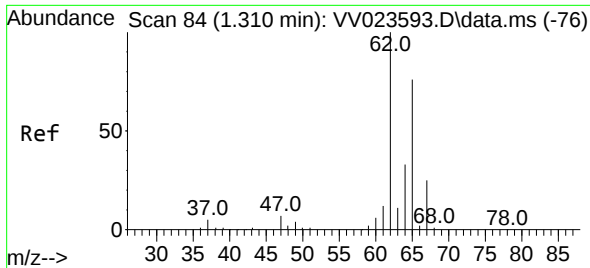
Tgt Ion: 85 Resp: 47861
 Ion Ratio Lower Upper
 85 100
 87 31.4 26.6 39.8



#3
 Chloromethane
 Concen: 3.923 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023608.D
 Acq: 18 Nov 2021 16:47

Tgt Ion: 50 Resp: 40237
 Ion Ratio Lower Upper
 50 100
 52 34.2 24.3 45.1

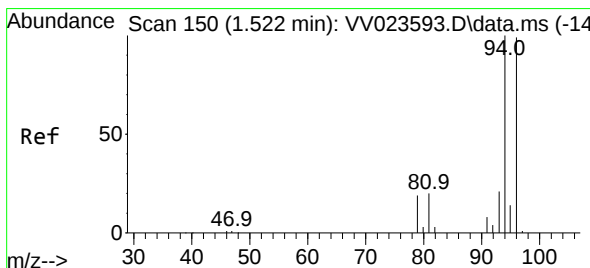
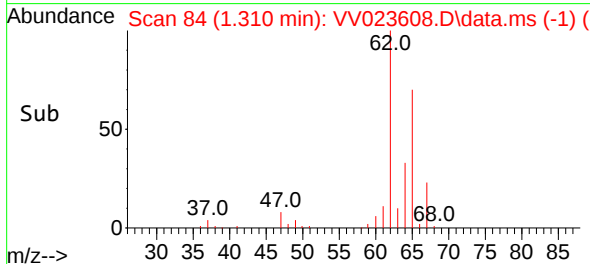
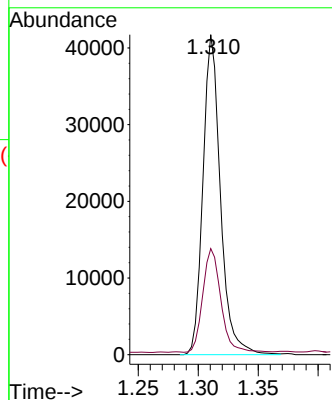
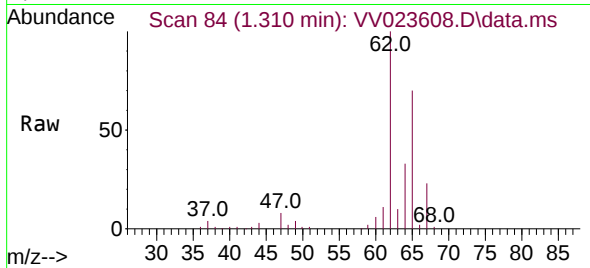




#5
 Vinyl chloride
 Concen: 4.145 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023608.D
 Acq: 18 Nov 2021 16:47

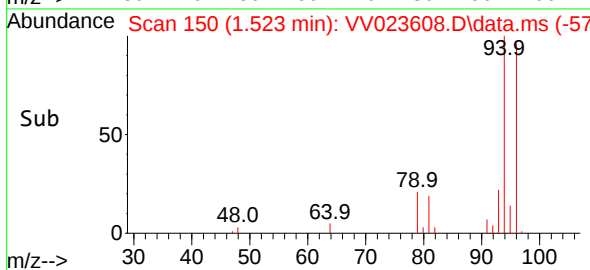
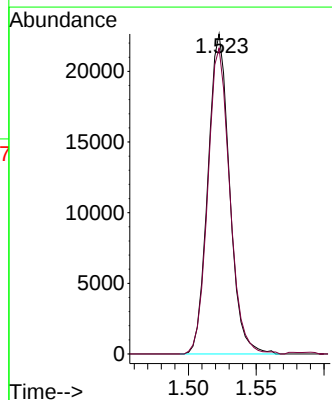
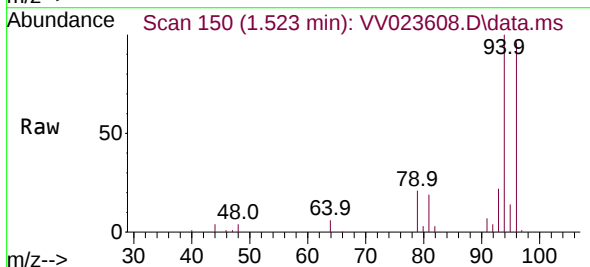
Instrument :
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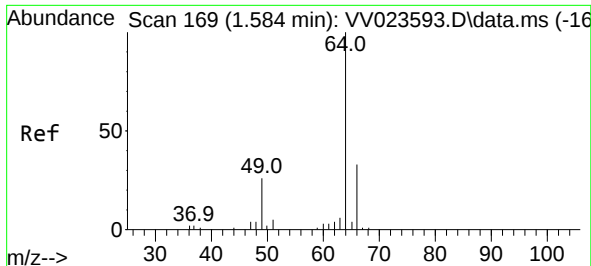
Tgt Ion: 62 Resp: 42461
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.1 42.9



#6
 Bromomethane
 Concen: 3.841 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV023608.D
 Acq: 18 Nov 2021 16:47

Tgt Ion: 94 Resp: 25152
 Ion Ratio Lower Upper
 94 100
 96 95.5 65.0 120.8

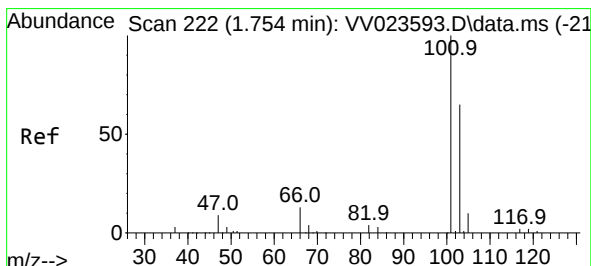
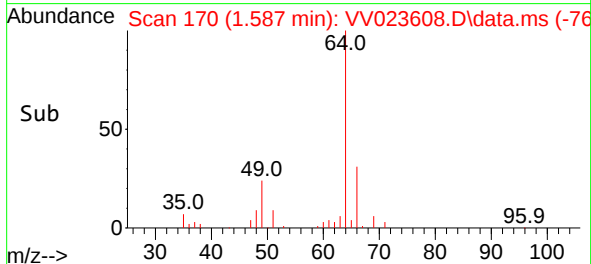
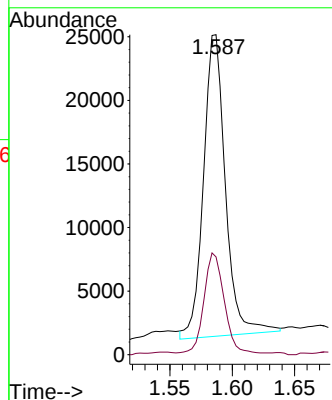
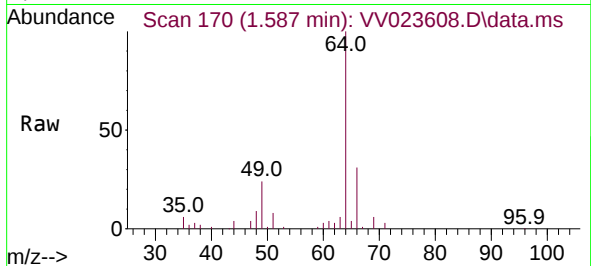




#8
Chloroethane
Concen: 4.930 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023608.D
Acq: 18 Nov 2021 16:47

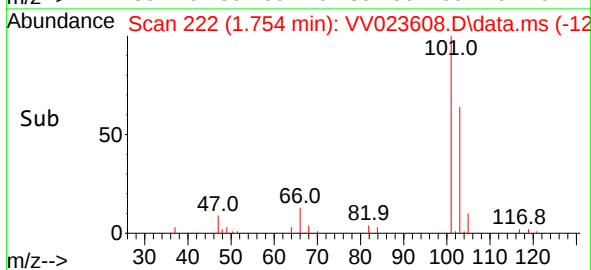
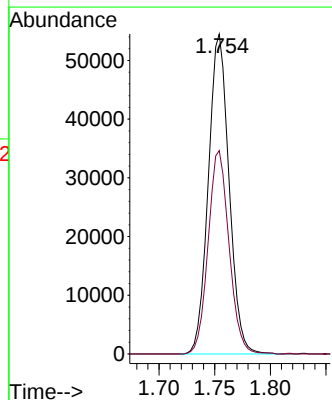
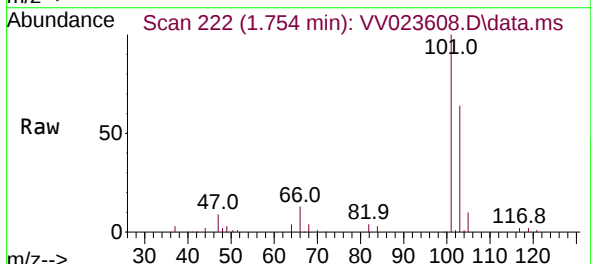
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MSVOA_V
ClientSampleId :

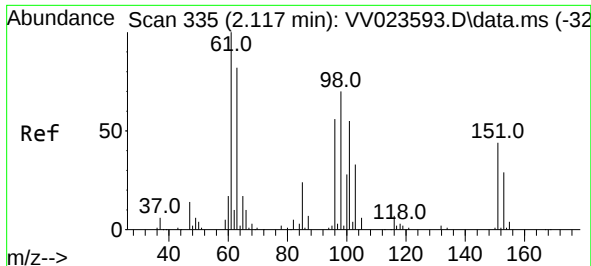
Tgt Ion: 64 Resp: 29140
Ion Ratio Lower Upper
64 100
66 30.6 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.582 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV023608.D
Acq: 18 Nov 2021 16:47

Tgt Ion:101 Resp: 70522
Ion Ratio Lower Upper
101 100
103 64.1 52.6 79.0

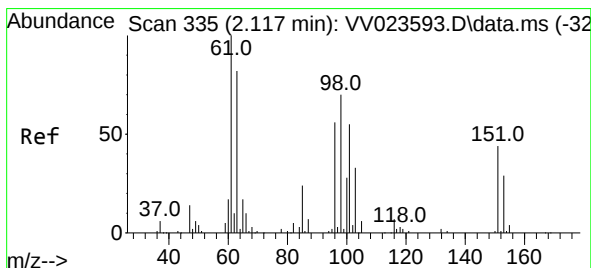
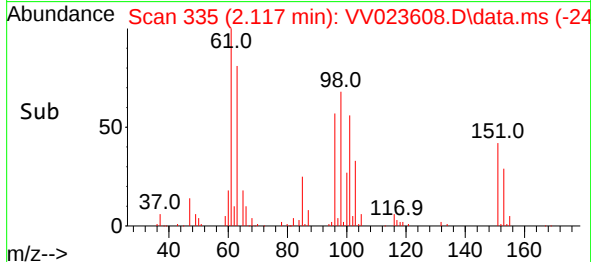
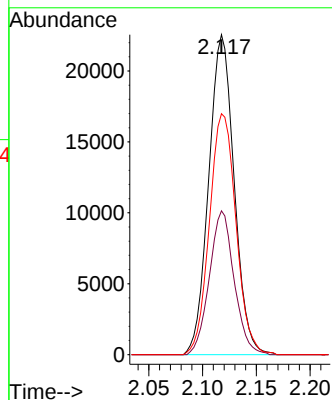
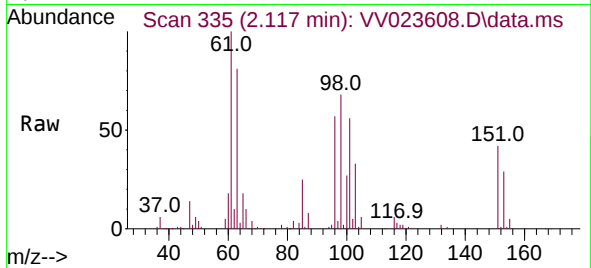




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.786 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV023608.D
 Acq: 18 Nov 2021 16:47

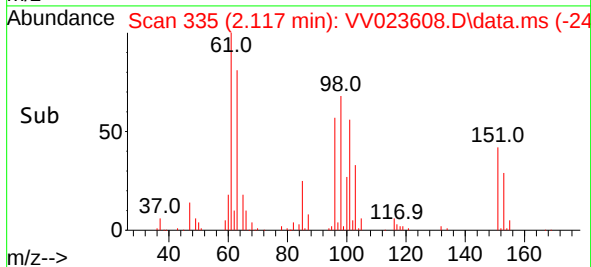
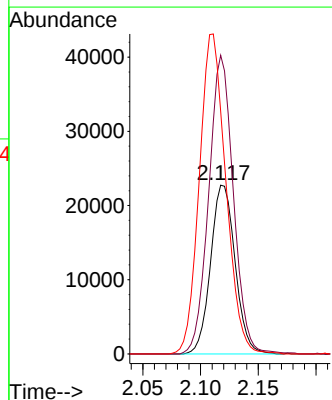
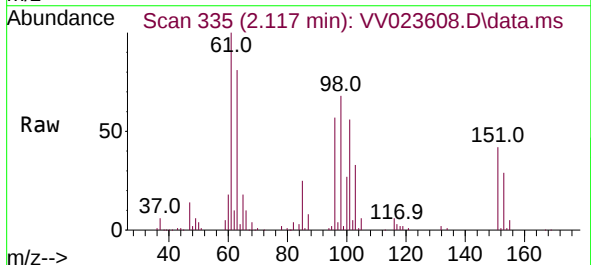
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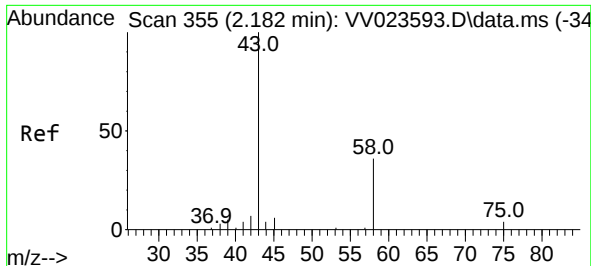
Tgt Ion: 101 Resp: 37086
 Ion Ratio Lower Upper
 101 100
 85 43.7 35.3 52.9
 151 78.7 62.2 93.2



#12
 1,1-Dichloroethene
 Concen: 4.556 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV023608.D
 Acq: 18 Nov 2021 16:47

Tgt Ion: 96 Resp: 33612
 Ion Ratio Lower Upper
 96 100
 61 176.9 121.5 225.7
 63 143.7 99.6 185.0





#13

Acetone

Concen: 50.484 ug/L

RT: 2.188 min Scan# 31

Delta R.T. 0.007 min

Lab File: VV023608.D

Acq: 18 Nov 2021 16:47

Instrument :

MSVOA_V

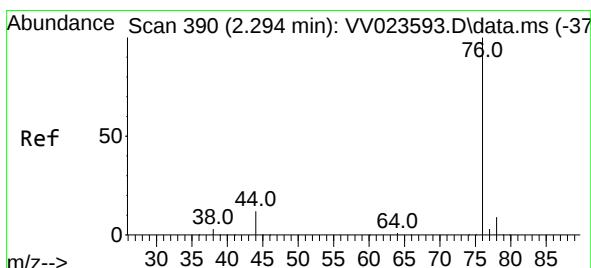
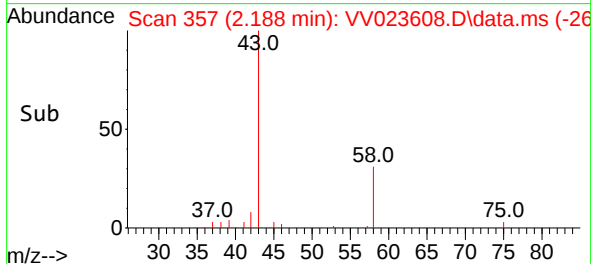
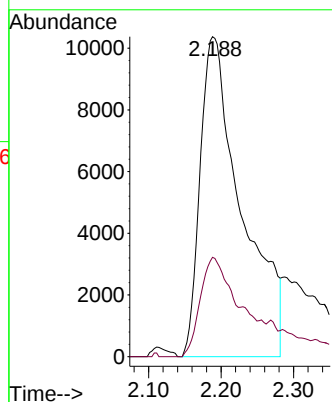
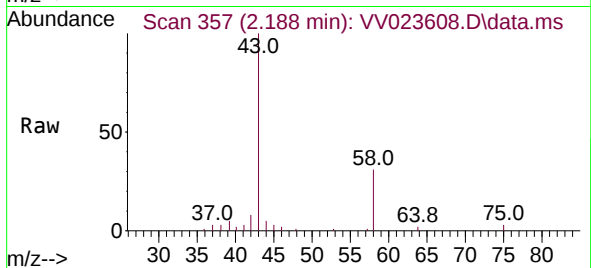
ClientSampleId :

Tgt Ion: 43 Resp: 41188

Ion Ratio Lower Upper

43 100

58 29.7 0.0 55.4



#14

Carbon disulfide

Concen: 3.658 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV023608.D

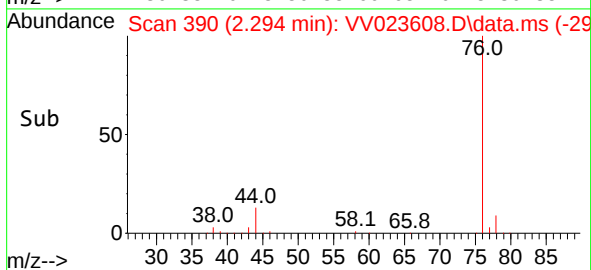
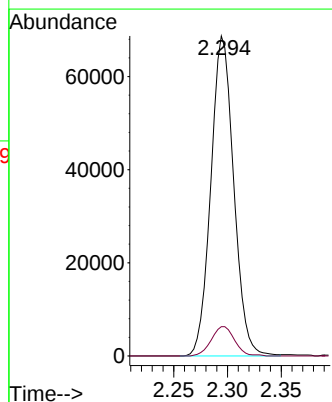
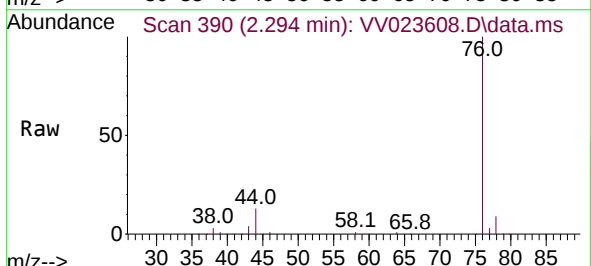
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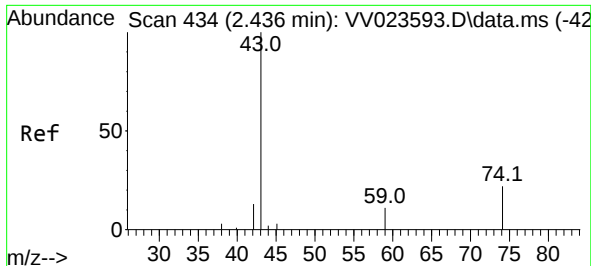
Tgt Ion: 76 Resp: 101852

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

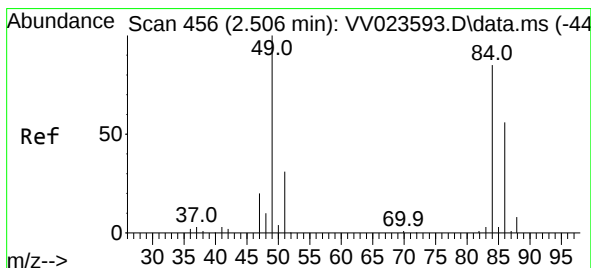
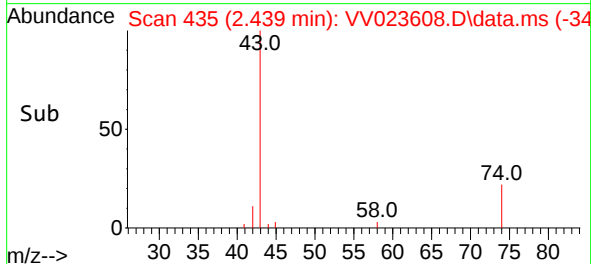
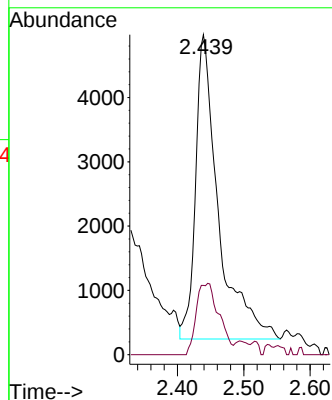
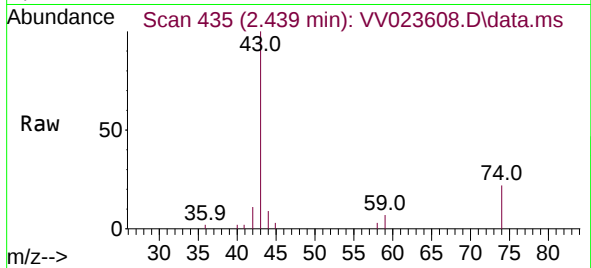




#15
Methyl Acetate
Concen: 4.918 ug/L
RT: 2.439 min Scan# 411
Delta R.T. 0.003 min
Lab File: VV023608.D
Acq: 18 Nov 2021 16:47

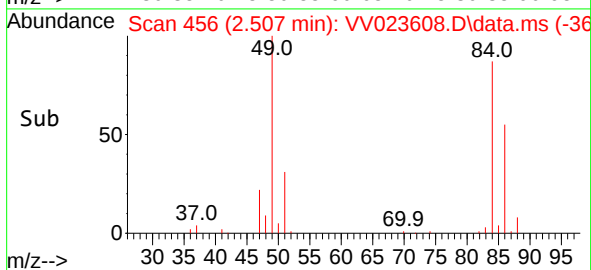
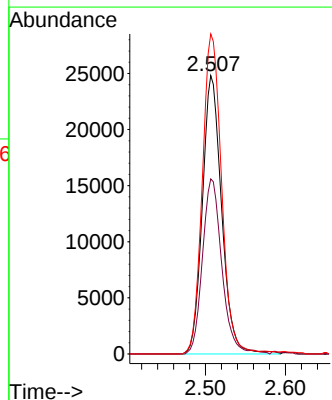
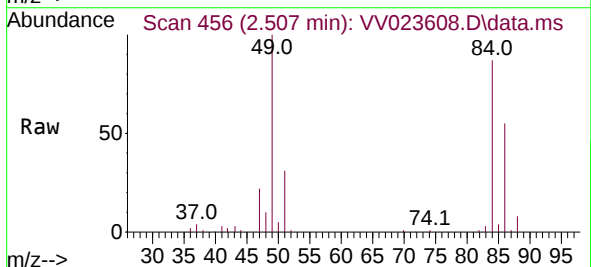
Instrument :
MSVOA_V
ClientSampleId :

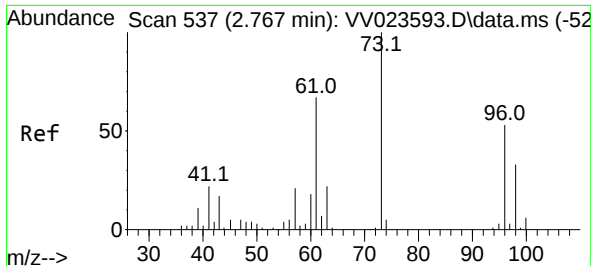
Tgt Ion: 43 Resp: 11357
Ion Ratio Lower Upper
43 100
74 23.4 22.2 33.2



#16
Methylene chloride
Concen: 3.863 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV023608.D
Acq: 18 Nov 2021 16:47

Tgt Ion: 84 Resp: 41590
Ion Ratio Lower Upper
84 100
86 62.9 42.3 78.5
49 114.9 79.7 148.1

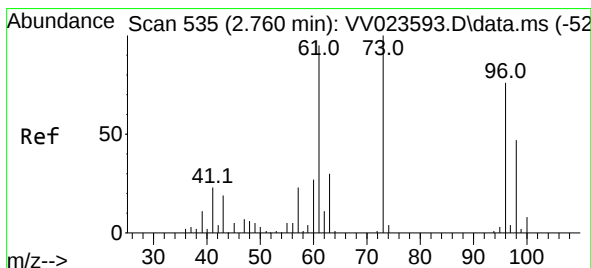
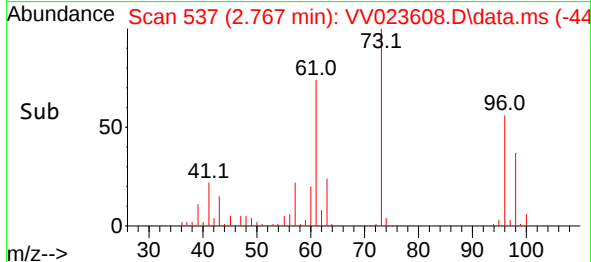
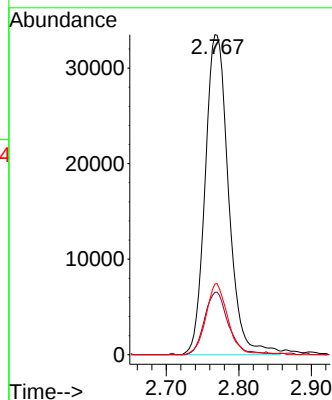
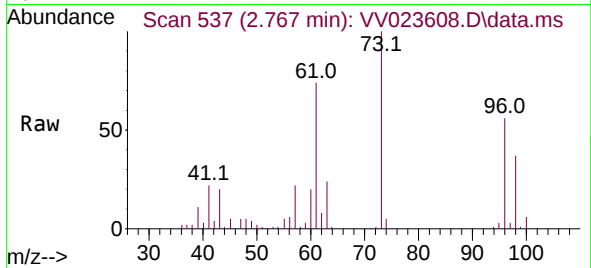




#17
Methyl tert-butyl Ether
Concen: 4.620 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV023608.D
Acq: 18 Nov 2021 16:47

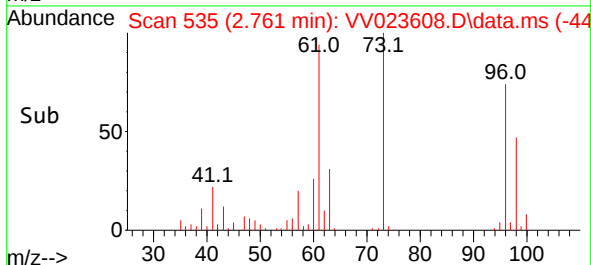
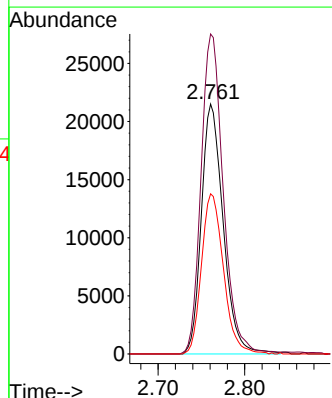
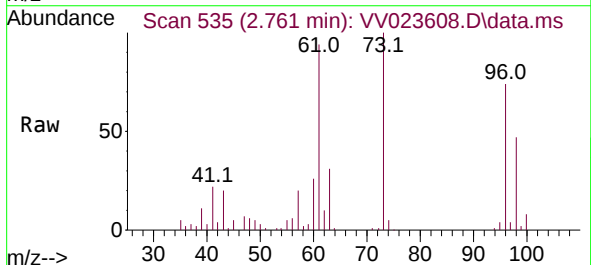
Instrument :
MSVOA_V
ClientSampleId :

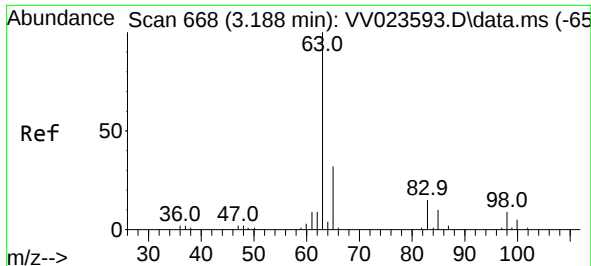
Tgt Ion: 73	Resp:	75025
Ion Ratio	Lower	Upper
73	100	
43	19.9	17.4 26.0
57	20.8	16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 4.163 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV023608.D
Acq: 18 Nov 2021 16:47

Tgt Ion: 96	Resp:	37758
Ion Ratio	Lower	Upper
96	100	
61	128.0	93.2 173.2
98	64.1	47.0 87.2





#19

1,1-Dichloroethane

Concen: 4.416 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.003 min

Lab File: VV023608.D

Acq: 18 Nov 2021 16:47

Instrument :

MSVOA_V

ClientSampleId :

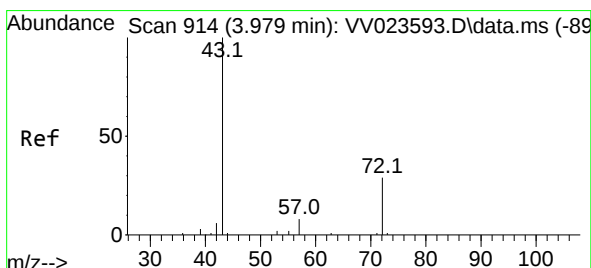
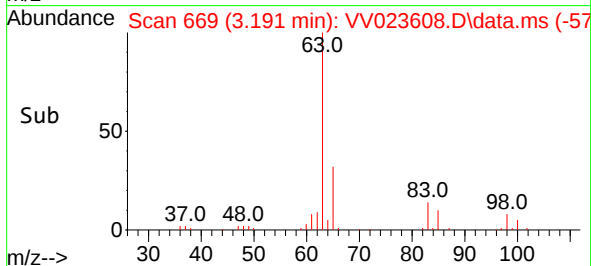
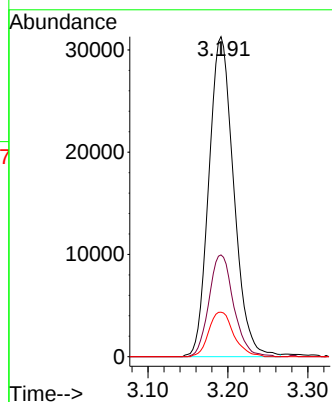
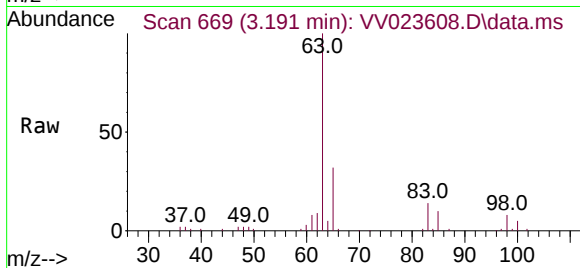
Tgt Ion: 63 Resp: 67623

Ion Ratio Lower Upper

63 100

65 31.8 22.6 42.0

83 13.9 11.1 20.7



#21

2-Butanone

Concen: 49.566 ug/L

RT: 3.982 min Scan# 915

Delta R.T. 0.003 min

Lab File: VV023608.D

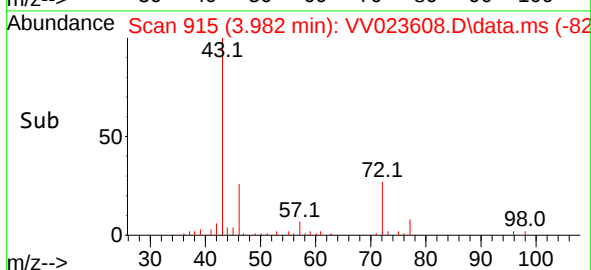
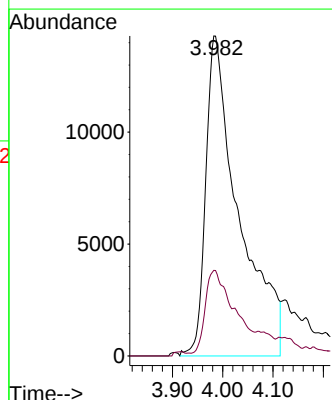
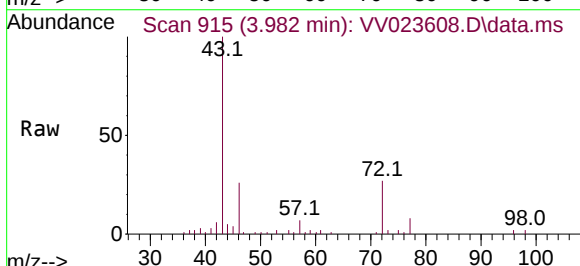
Acq: 18 Nov 2021 16:47

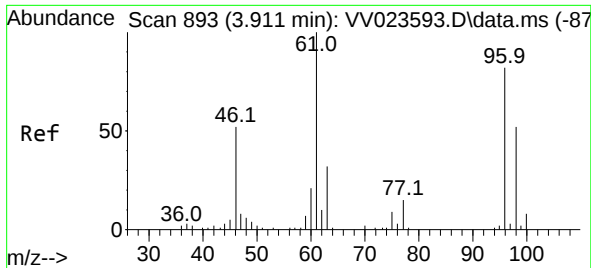
Tgt Ion: 43 Resp: 65380

Ion Ratio Lower Upper

43 100

72 22.3 11.9 35.9

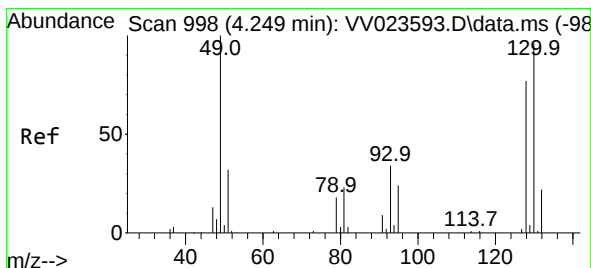
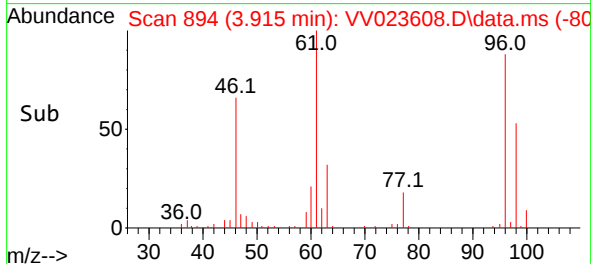
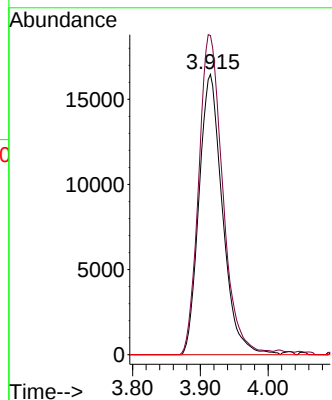
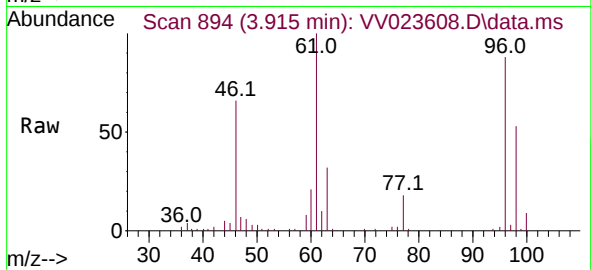




#22
 cis-1,2-Dichloroethene
 Concen: 4.537 ug/L
 RT: 3.915 min Scan# 893
 Delta R.T. 0.003 min
 Lab File: VV023608.D
 Acq: 18 Nov 2021 16:47

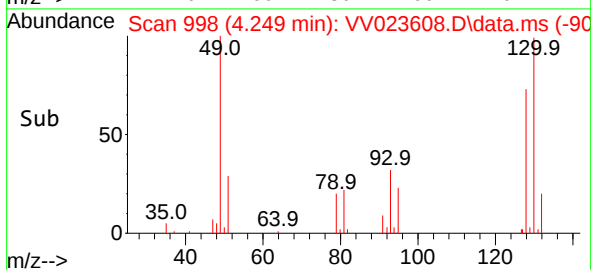
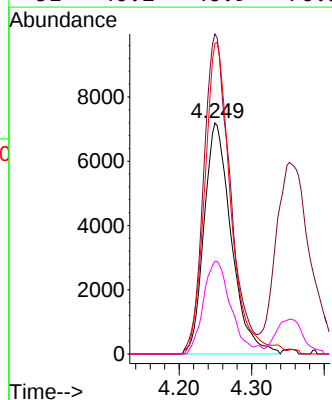
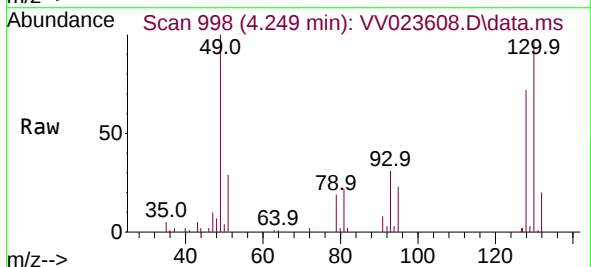
Instrument :
 MSVOA_V
 ClientSampleId :

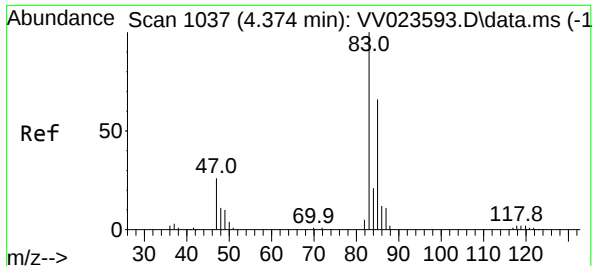
Tgt Ion: 96 Resp: 39603
 Ion Ratio Lower Upper
 96 100
 61 113.8 92.3 171.3
 68 0.0 0.4 0.8#



#23
 Bromochloromethane
 Concen: 4.645 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.000 min
 Lab File: VV023608.D
 Acq: 18 Nov 2021 16:47

Tgt Ion: 128 Resp: 18695
 Ion Ratio Lower Upper
 128 100
 49 138.5 126.1 234.3
 130 134.5 95.2 176.8
 51 40.2 46.9 70.3#

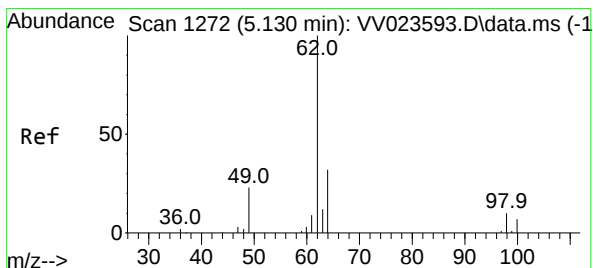
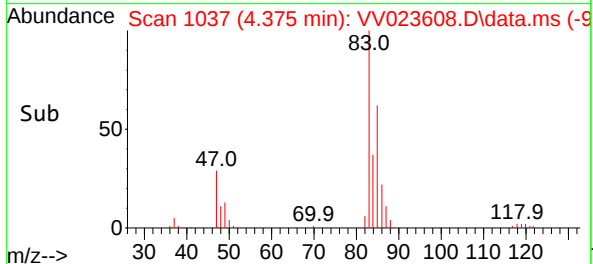
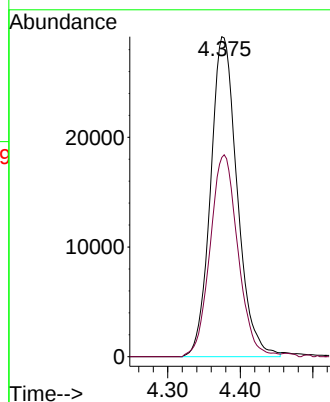
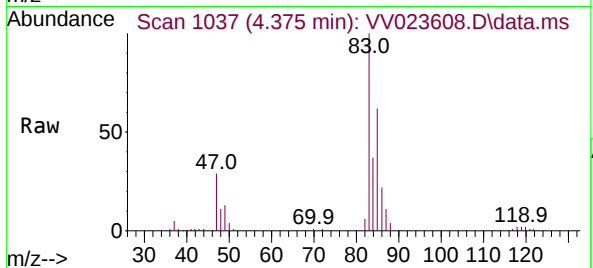




#25
Chloroform
Concen: 4.564 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VV023608.D
Acq: 18 Nov 2021 16:47

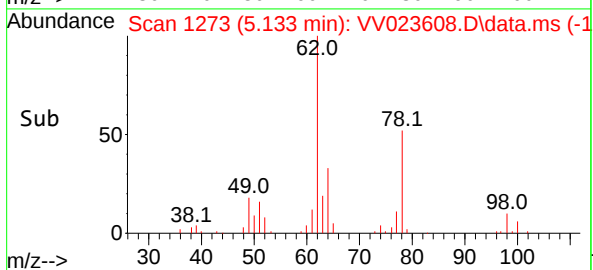
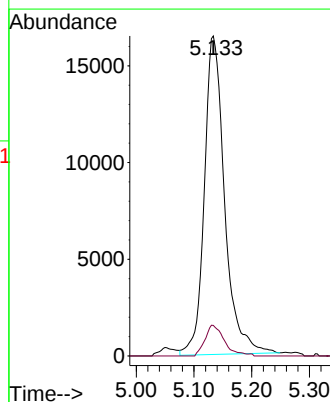
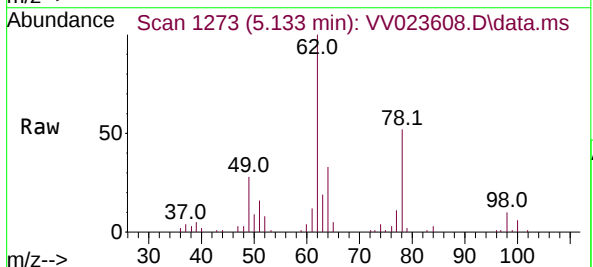
Instrument :
MSVOA_V
ClientSampleId :

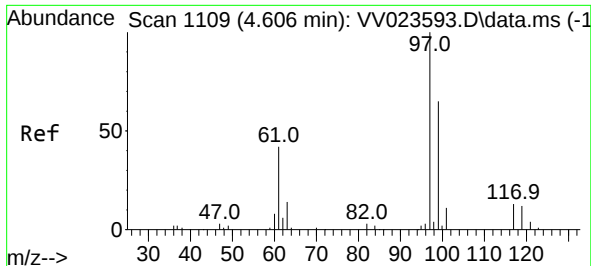
Tgt Ion: 83 Resp: 74486
Ion Ratio Lower Upper
83 100
85 62.2 46.8 86.8



#27
1,2-Dichloroethane
Concen: 4.629 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV023608.D
Acq: 18 Nov 2021 16:47

Tgt Ion: 62 Resp: 40187
Ion Ratio Lower Upper
62 100
98 9.6 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 4.554 ug/L

RT: 4.609 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV023608.D

Acq: 18 Nov 2021 16:47

Instrument :

MSVOA_V

ClientSampleId :

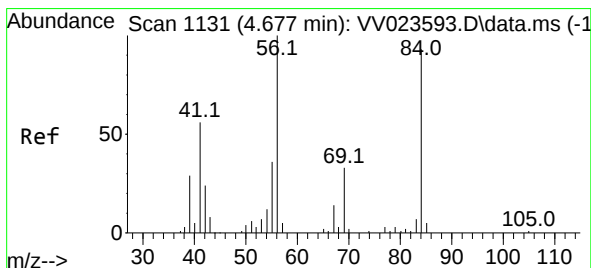
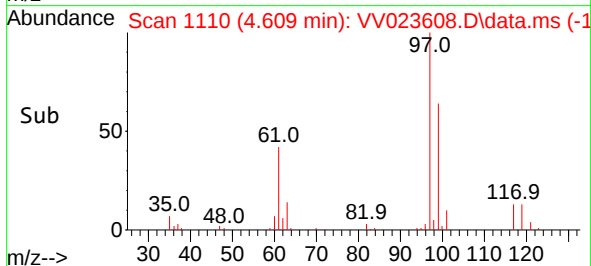
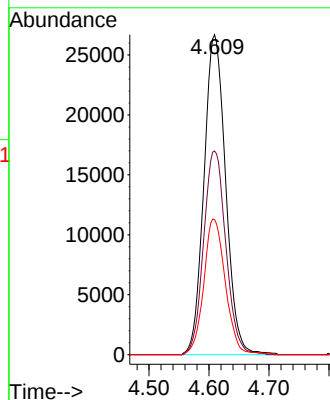
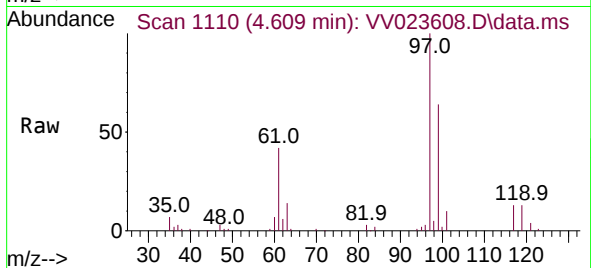
Tgt Ion: 97 Resp: 67353

Ion Ratio Lower Upper

97 100

99 65.2 51.0 76.4

61 42.1 34.1 51.1



#30

Cyclohexane

Concen: 3.939 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VV023608.D

Acq: 18 Nov 2021 16:47

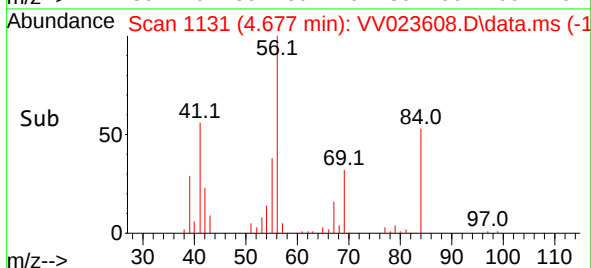
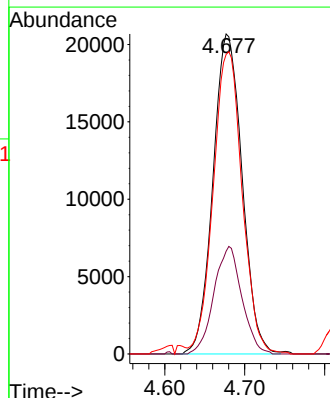
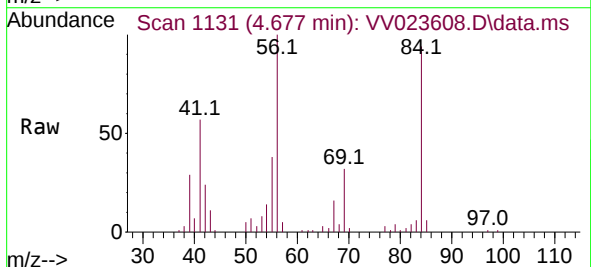
Tgt Ion: 56 Resp: 52191

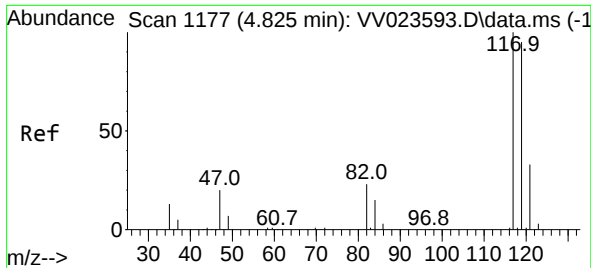
Ion Ratio Lower Upper

56 100

69 32.2 23.5 35.3

84 94.2 71.6 107.4

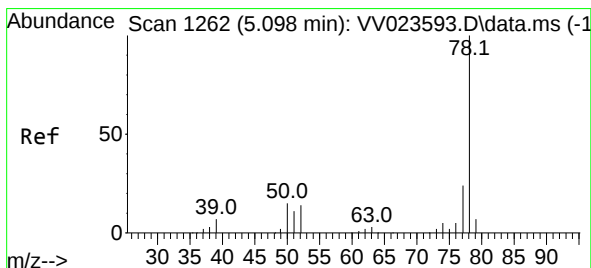
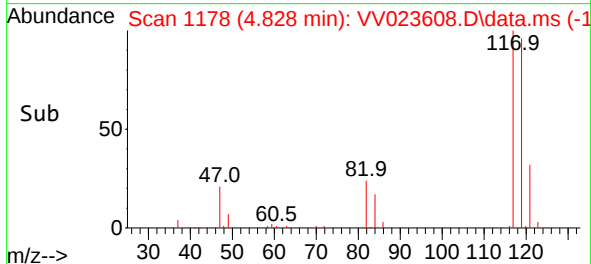
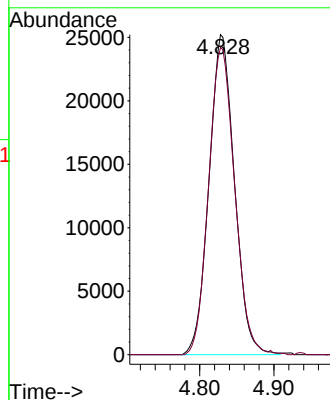
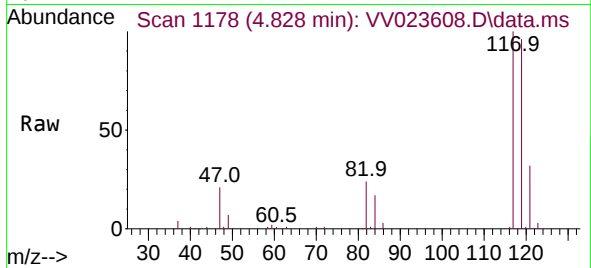




#31
Carbon tetrachloride
Concen: 4.520 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV023608.D
Acq: 18 Nov 2021 16:47

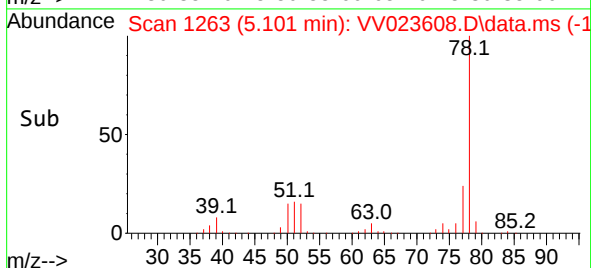
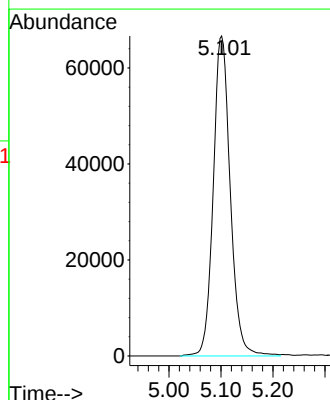
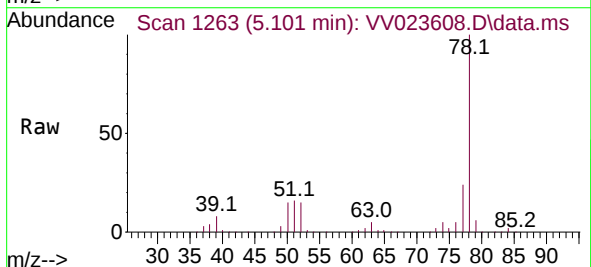
Instrument :
MSVOA_V
ClientSampleId :

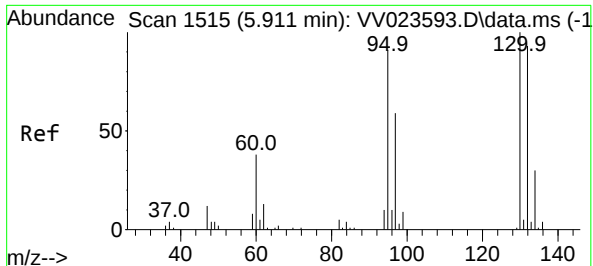
Tgt Ion:117 Resp: 60033
Ion Ratio Lower Upper
117 100
119 98.5 78.8 118.2



#33
Benzene
Concen: 4.464 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV023608.D
Acq: 18 Nov 2021 16:47

Tgt Ion: 78 Resp: 151923



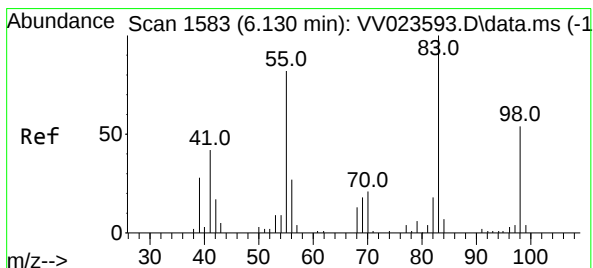
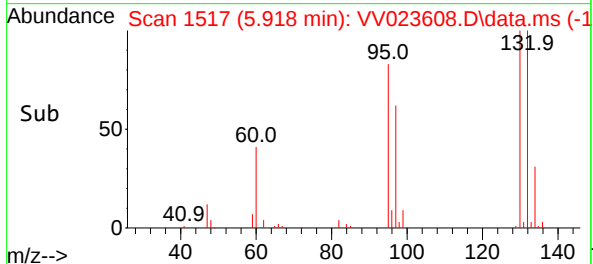
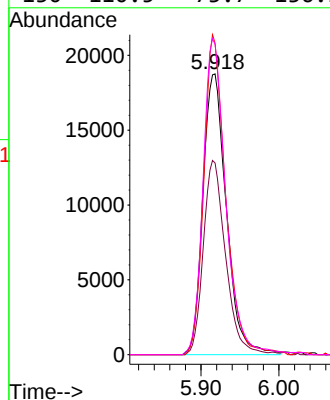
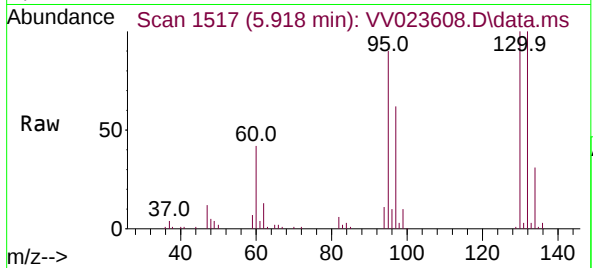


#34
Trichloroethene
Concen: 4.342 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.007 min
Lab File: VV023608.D
Acq: 18 Nov 2021 16:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 39292

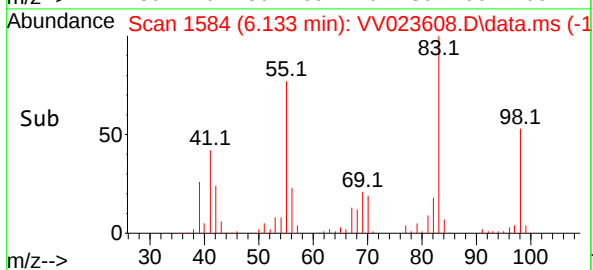
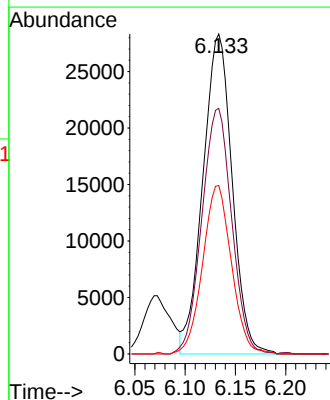
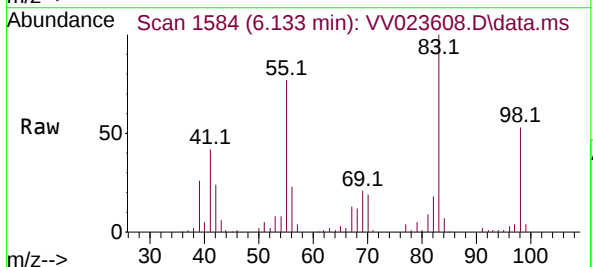
Ion	Ratio	Lower	Upper
95	100		
97	68.3	45.0	83.6
132	110.9	69.7	129.4
130	110.5	73.7	136.9

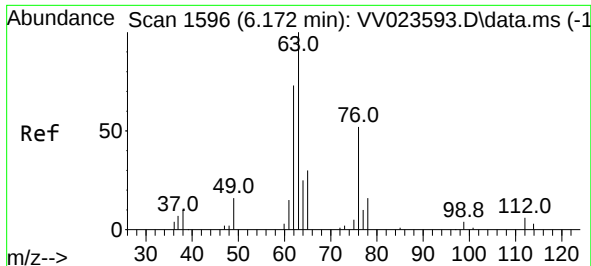


#35
Methylcyclohexane
Concen: 4.007 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV023608.D
Acq: 18 Nov 2021 16:47

Tgt Ion: 83 Resp: 57242

Ion	Ratio	Lower	Upper
83	100		
55	78.3	62.8	94.2
98	51.8	37.9	56.9





#37

1,2-Dichloropropane

Concen: 4.727 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV023608.D

Acq: 18 Nov 2021 16:47

Instrument :

MSVOA_V

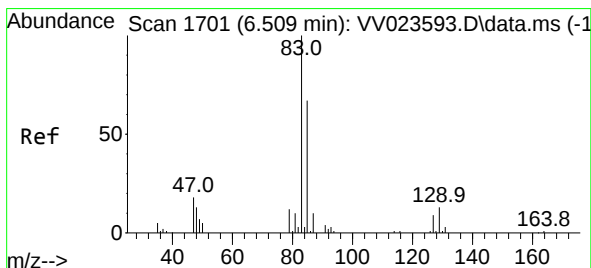
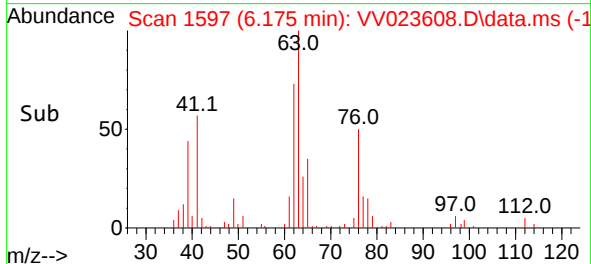
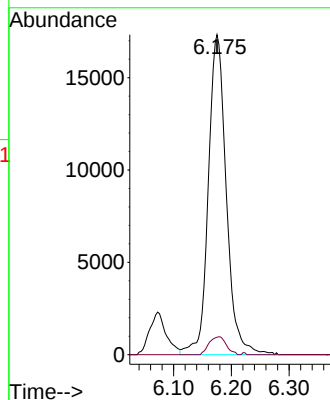
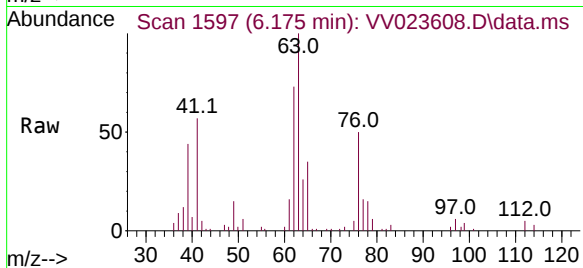
ClientSampleId :

Tgt Ion: 63 Resp: 37553

Ion Ratio Lower Upper

63 100

112 5.3 4.6 6.8



#38

Bromodichloromethane

Concen: 4.695 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV023608.D

Acq: 18 Nov 2021 16:47

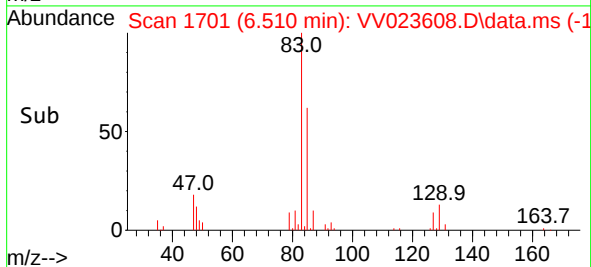
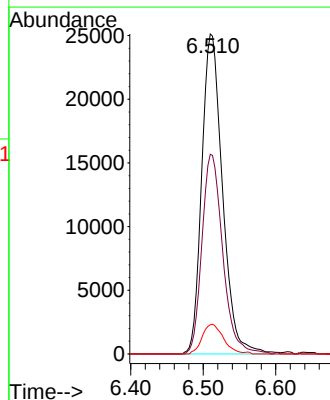
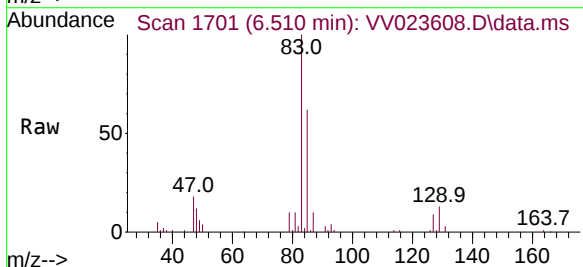
Tgt Ion: 83 Resp: 49987

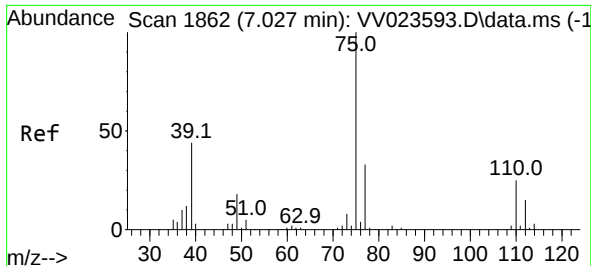
Ion Ratio Lower Upper

83 100

85 62.4 46.1 85.7

127 9.1 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.450 ug/L

RT: 7.030 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV023608.D

Acq: 18 Nov 2021 16:47

Instrument :

MSVOA_V

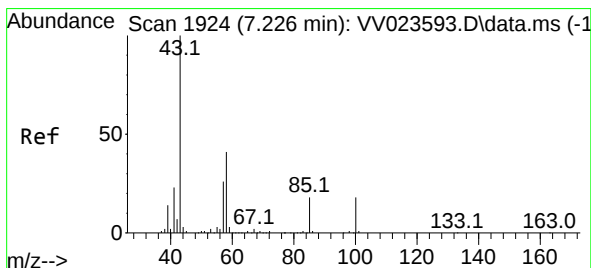
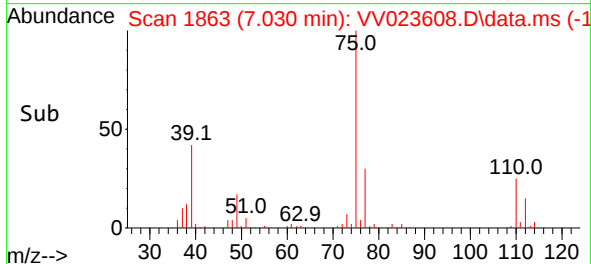
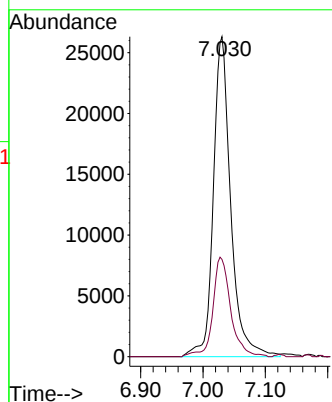
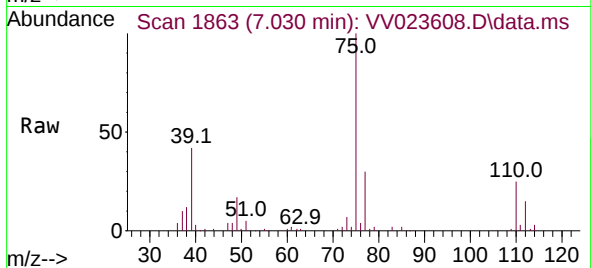
ClientSampleId :

Tgt Ion: 75 Resp: 50855

Ion Ratio Lower Upper

75 100

77 30.4 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 50.025 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VV023608.D

Acq: 18 Nov 2021 16:47

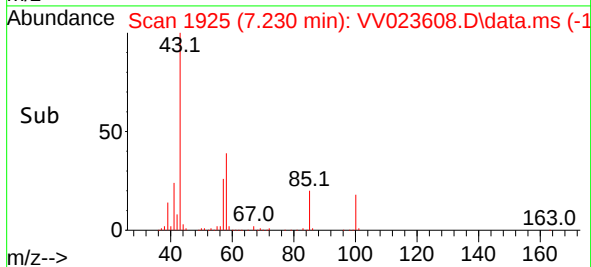
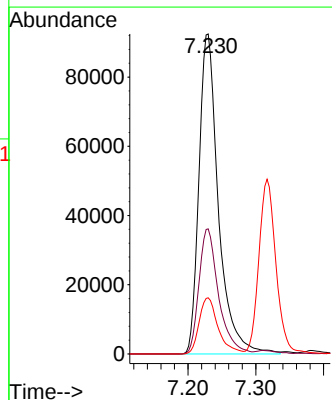
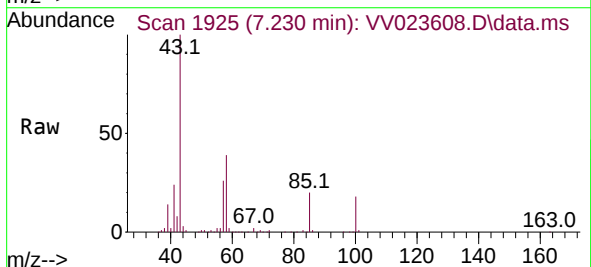
Tgt Ion: 43 Resp: 184336

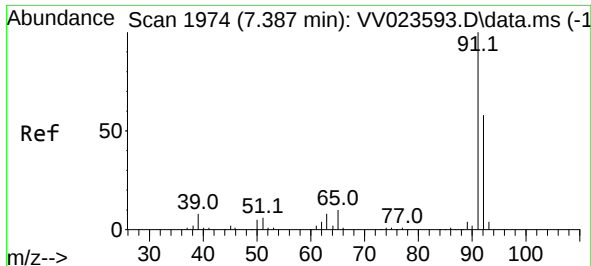
Ion Ratio Lower Upper

43 100

58 39.3 31.1 46.7

100 17.1 12.6 19.0





#42

Toluene

Concen: 4.660 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV023608.D

Acq: 18 Nov 2021 16:47

Instrument :

MSVOA_V

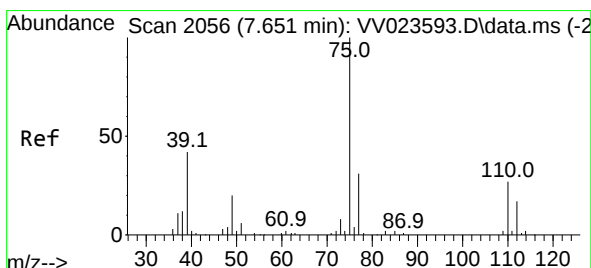
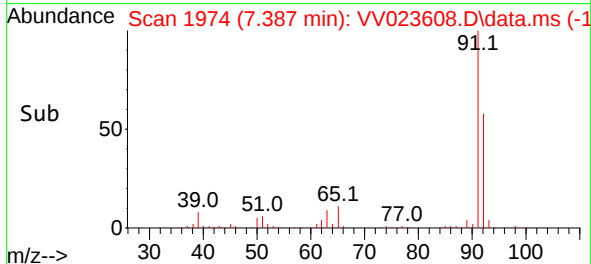
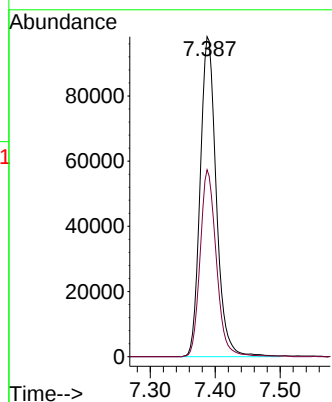
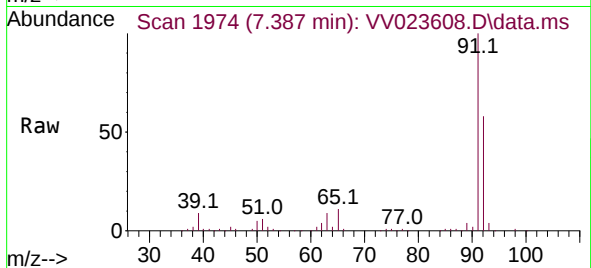
ClientSampleId :

Tgt Ion: 91 Resp: 169613

Ion Ratio Lower Upper

91 100

92 58.4 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 4.493 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV023608.D

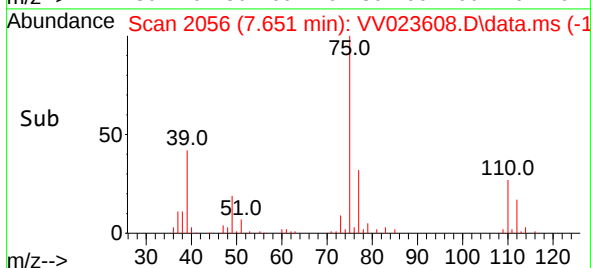
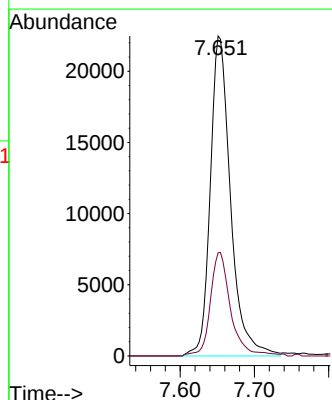
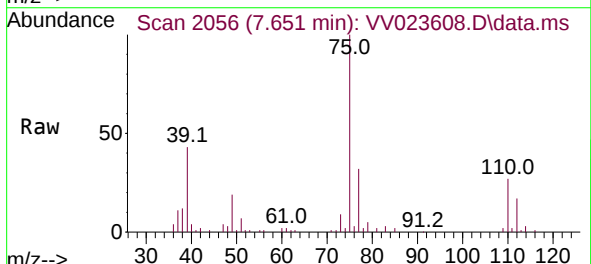
Acq: 18 Nov 2021 16:47

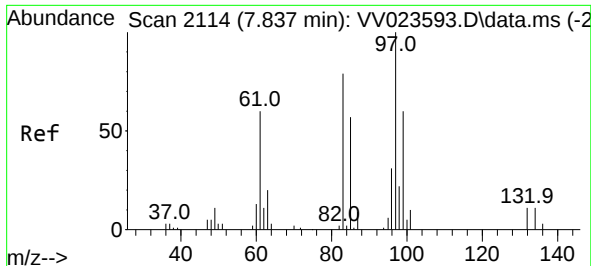
Tgt Ion: 75 Resp: 42598

Ion Ratio Lower Upper

75 100

77 32.3 22.5 41.7

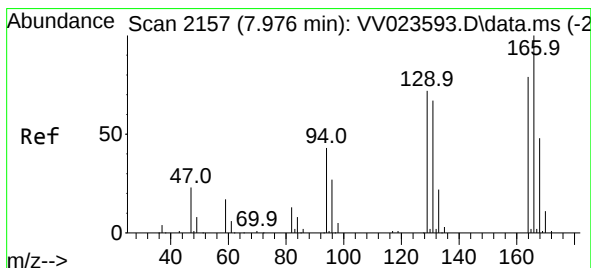
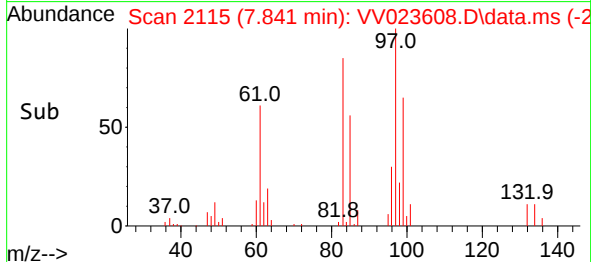
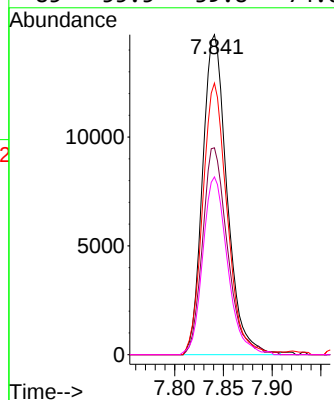
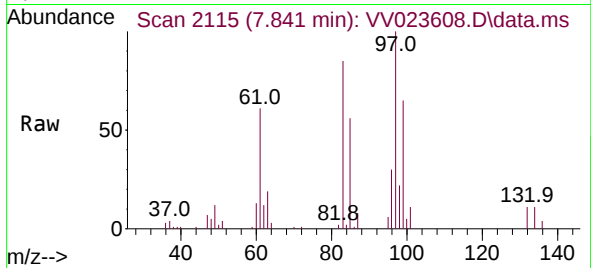




#45
1,1,2-Trichloroethane
Concen: 4.503 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV023608.D
Acq: 18 Nov 2021 16:47

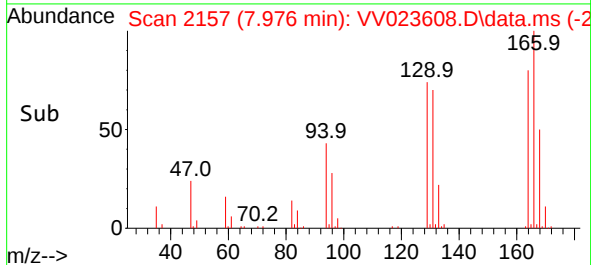
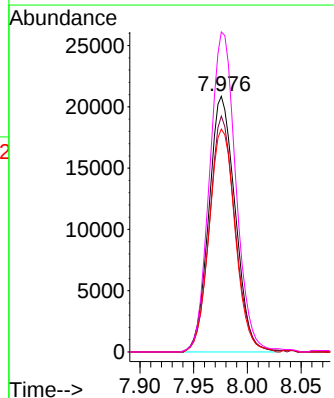
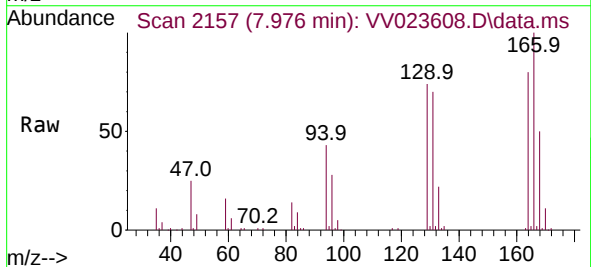
Instrument :
MSVOA_V
ClientSampleId :

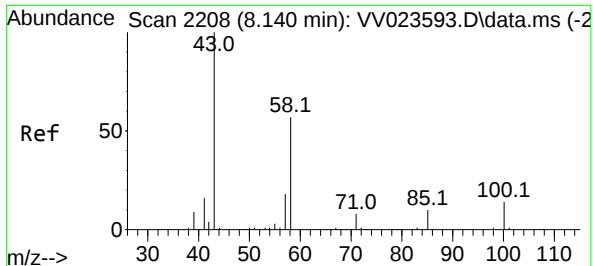
Tgt Ion: 97	Resp: 25706
Ion Ratio	Lower Upper
97 100	
99 64.7	43.6 81.0
83 84.8	58.4 108.4
85 55.5	39.8 74.0



#47
Tetrachloroethene
Concen: 4.530 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV023608.D
Acq: 18 Nov 2021 16:47

Tgt	Ion:164	Resp:	35529
Ion	Ratio	Lower	Upper
164	100		
129	92.2	64.0	119.0
131	87.2	63.4	117.8
166	125.2	89.3	165.9



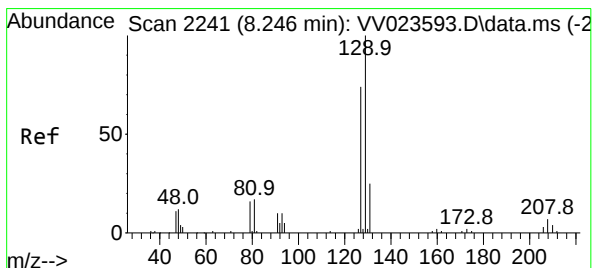
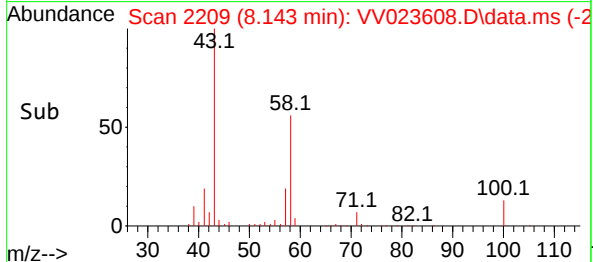
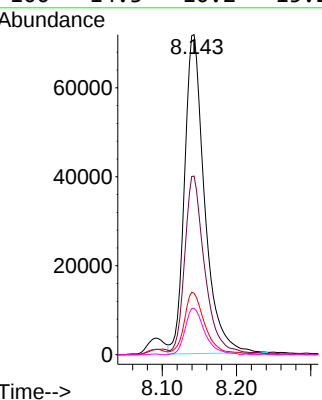
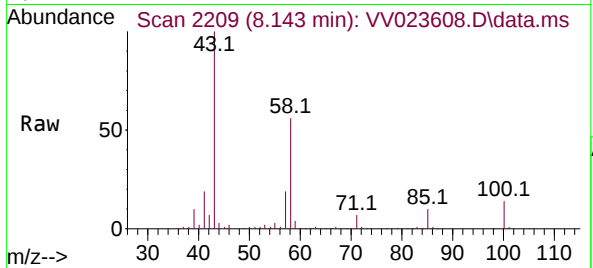


#48
2-Hexanone
Concen: 52.297 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023608.D
Acq: 18 Nov 2021 16:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 135033

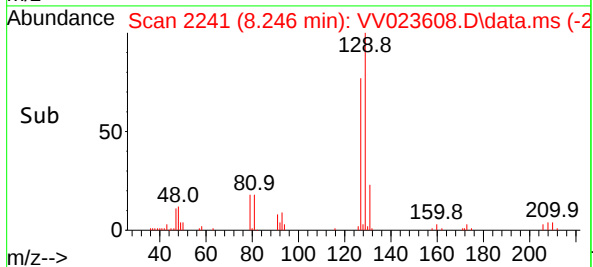
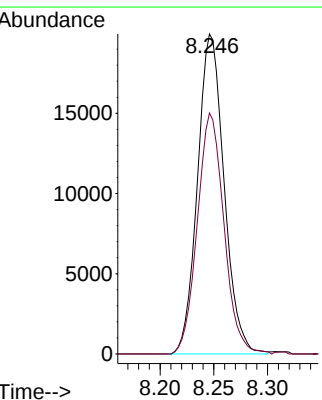
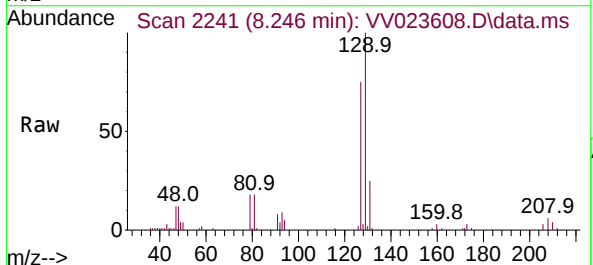
Ion	Ratio	Lower	Upper
43	100		
58	55.4	43.7	65.5
57	20.1	14.1	21.1
100	14.3	10.2	15.2

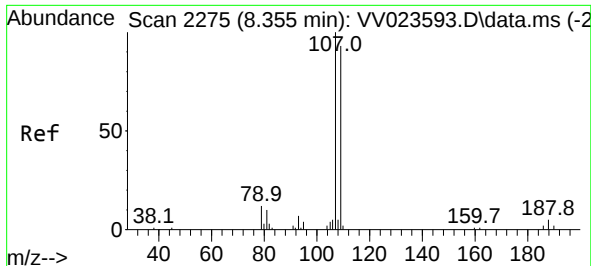


#49
Dibromochloromethane
Concen: 4.741 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV023608.D
Acq: 18 Nov 2021 16:47

Tgt Ion: 129 Resp: 34290

Ion	Ratio	Lower	Upper
129	100		
127	75.3	54.7	101.7





#50

1,2-Dibromoethane

Concen: 4.662 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV023608.D

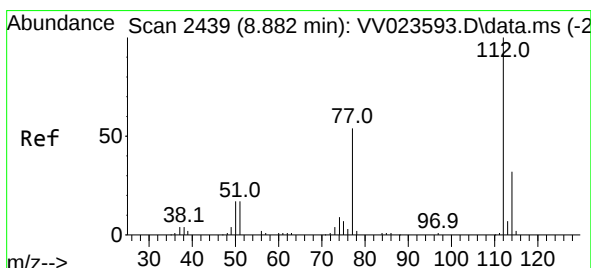
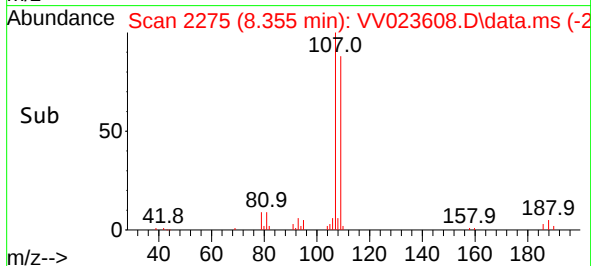
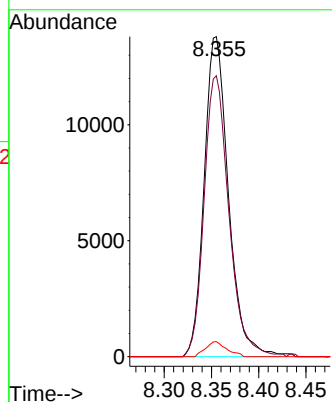
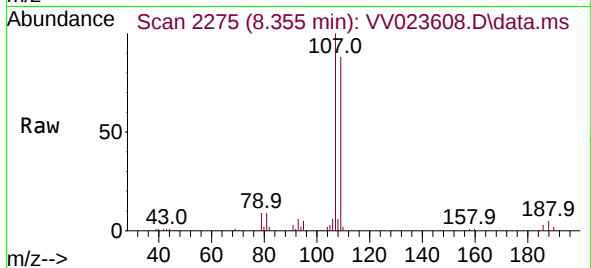
Acq: 18 Nov 2021 16:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	24664
Ion Ratio	Lower	Upper
107	100	
109	87.8	64.7 120.1
188	4.7	3.6 5.4



#51

Chlorobenzene

Concen: 4.553 ug/L

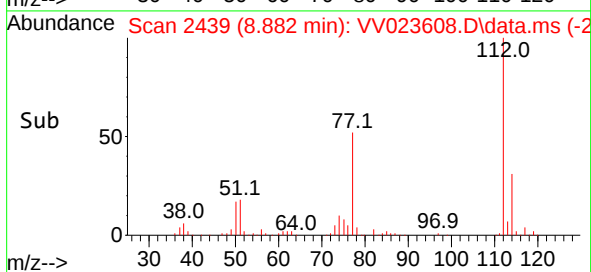
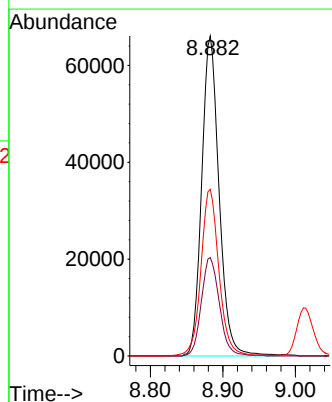
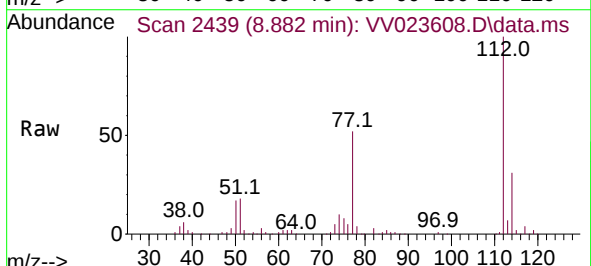
RT: 8.882 min Scan# 2439

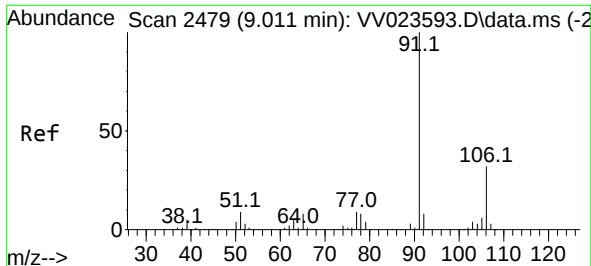
Delta R.T. 0.000 min

Lab File: VV023608.D

Acq: 18 Nov 2021 16:47

Tgt Ion:112	Resp:	110166
Ion Ratio	Lower	Upper
112	100	
114	30.7	22.0 40.8
77	52.1	44.4 66.6





#52

Ethylbenzene

Concen: 4.502 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV023608.D

Acq: 18 Nov 2021 16:47

Instrument :

MSVOA_V

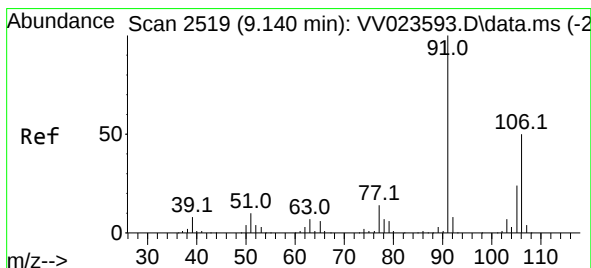
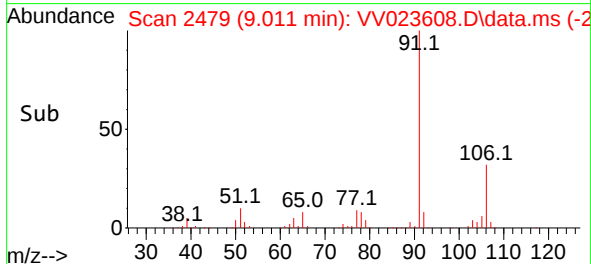
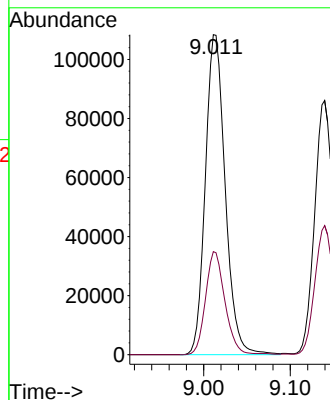
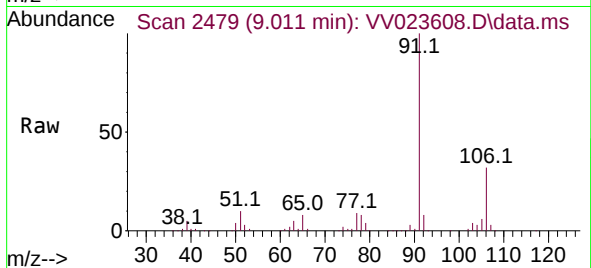
ClientSampleId :

Tgt Ion: 91 Resp: 172853

Ion Ratio Lower Upper

91 100

106 32.2 22.5 41.9



#53

m,p-xylene

Concen: 4.582 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.000 min

Lab File: VV023608.D

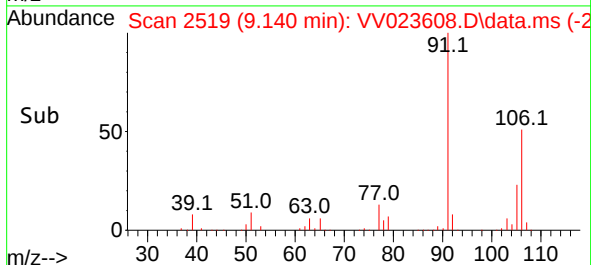
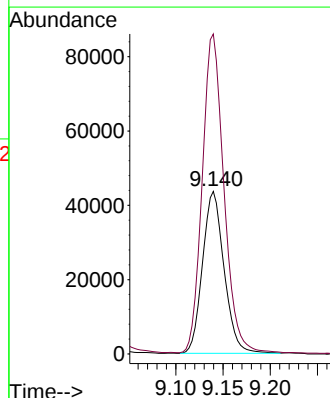
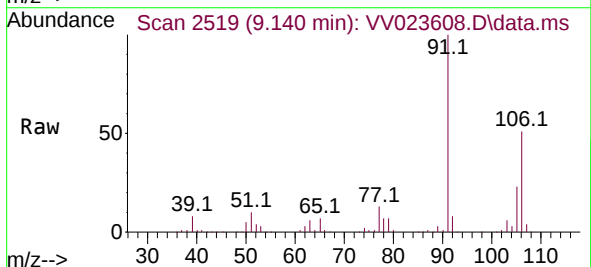
Acq: 18 Nov 2021 16:47

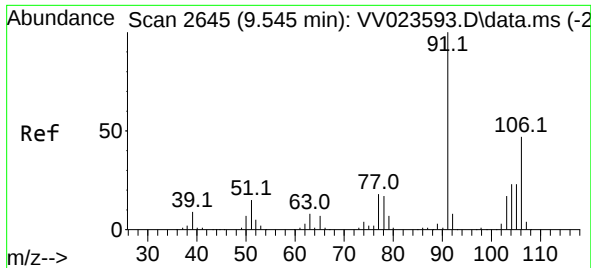
Tgt Ion: 106 Resp: 69043

Ion Ratio Lower Upper

106 100

91 196.8 137.2 254.8

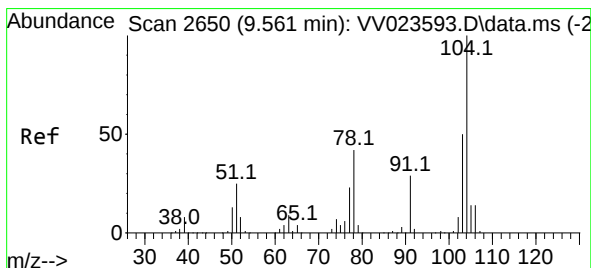
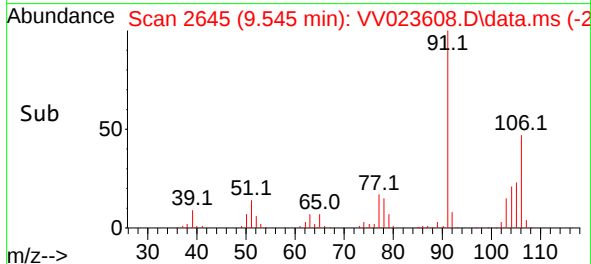
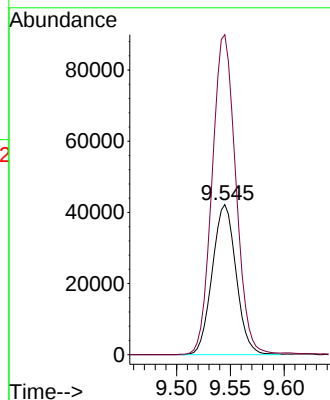
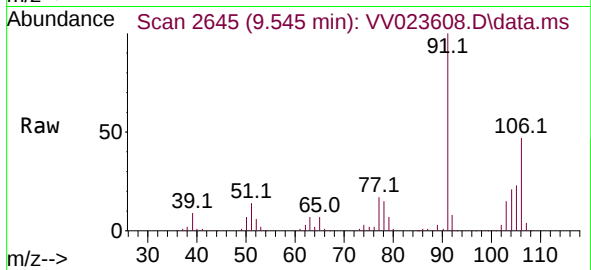




#54
o-xylene
Concen: 4.605 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV023608.D
Acq: 18 Nov 2021 16:47

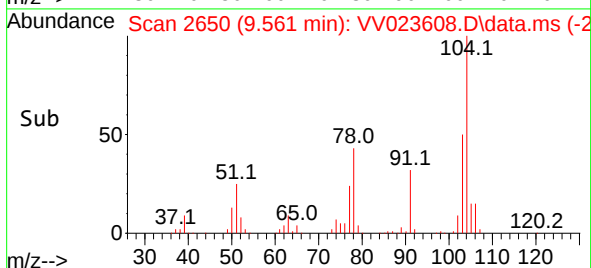
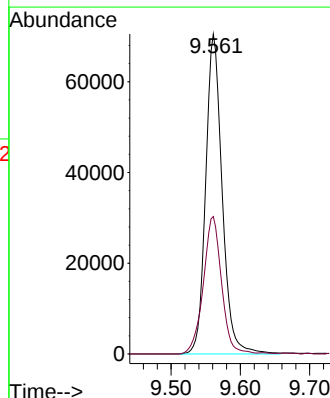
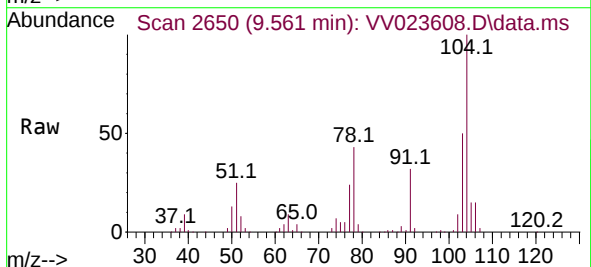
Instrument :
MSVOA_V
ClientSampleId :

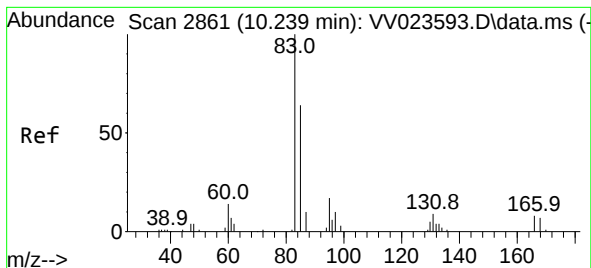
Tgt Ion:106 Resp: 65093
Ion Ratio Lower Upper
106 100
91 213.3 148.3 275.5



#55
Styrene
Concen: 4.801 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV023608.D
Acq: 18 Nov 2021 16:47

Tgt Ion:104 Resp: 116260
Ion Ratio Lower Upper
104 100
78 43.0 29.3 54.3

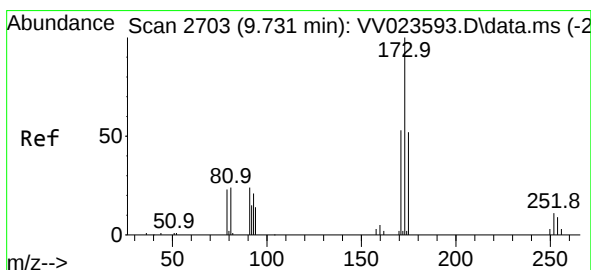
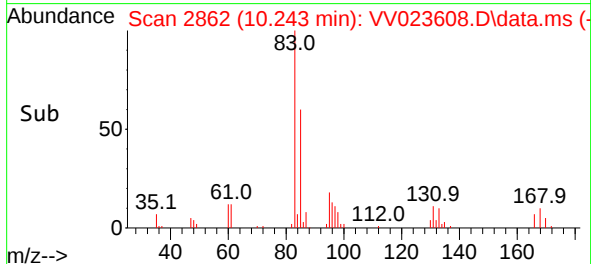
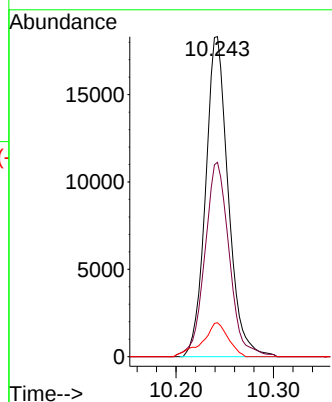
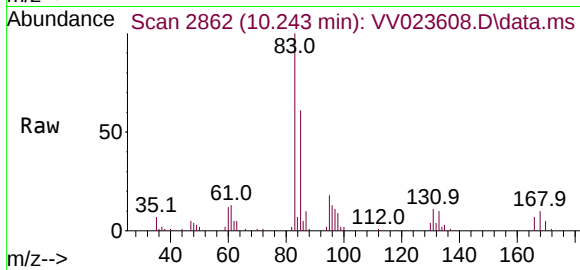




#57
1,1,2,2-Tetrachloroethane
Concen: 4.738 ug/L
RT: 10.243 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023608.D
Acq: 18 Nov 2021 16:47

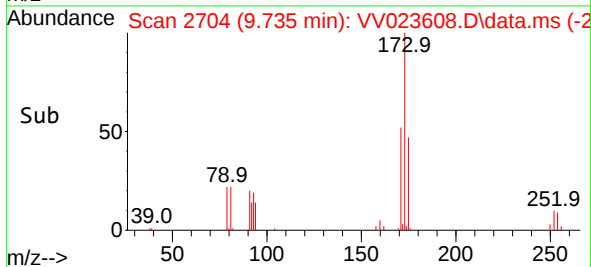
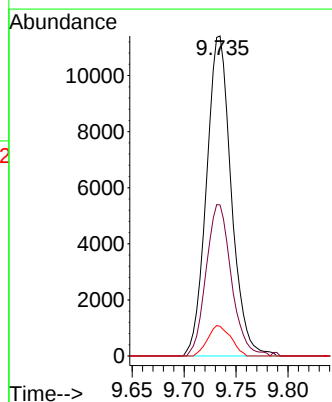
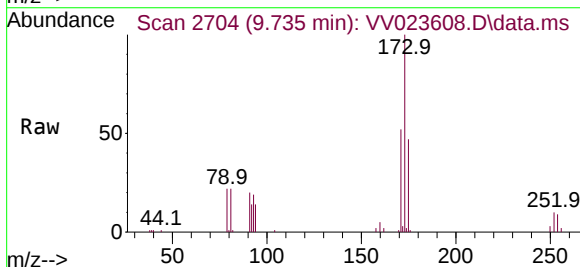
Instrument :
MSVOA_V
ClientSampleId :

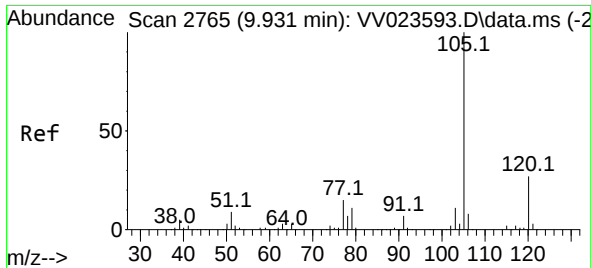
Tgt Ion: 83 Resp: 29634
Ion Ratio Lower Upper
83 100
85 60.7 45.1 83.9
131 10.6 7.8 11.6



#59
Bromoform
Concen: 4.718 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV023608.D
Acq: 18 Nov 2021 16:47

Tgt Ion: 173 Resp: 18945
Ion Ratio Lower Upper
173 100
175 48.1 38.2 57.2
254 8.9 6.2 9.2

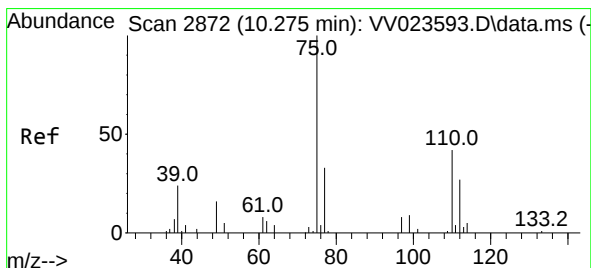
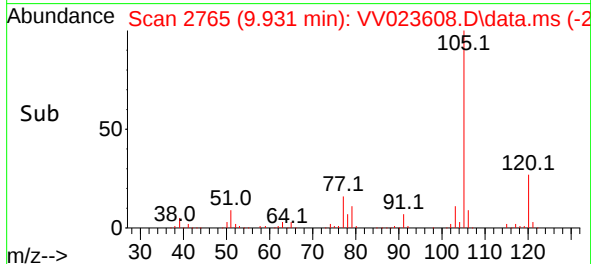
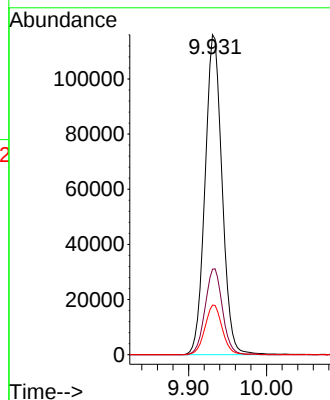
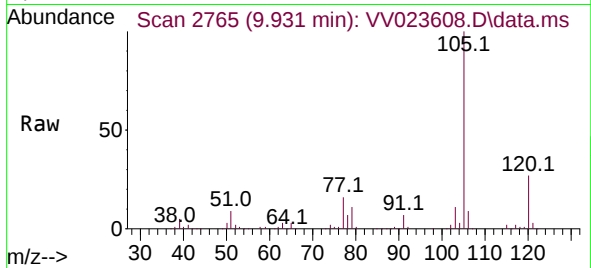




#60
Isopropylbenzene
Concen: 4.568 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023608.D
Acq: 18 Nov 2021 16:47

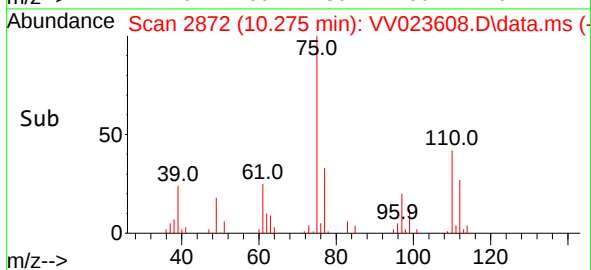
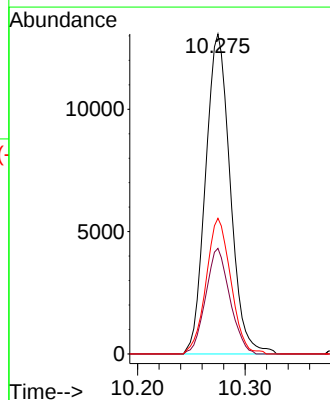
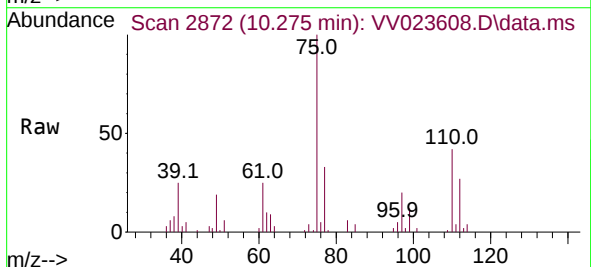
Instrument :
MSVOA_V
ClientSampleId :

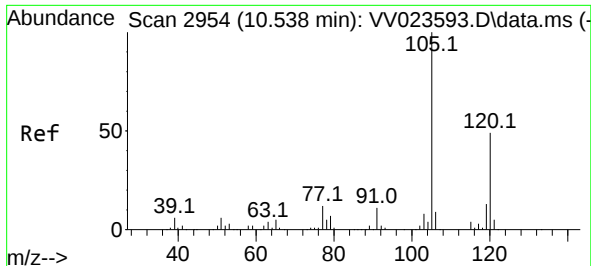
Tgt Ion:105 Resp: 176198
Ion Ratio Lower Upper
105 100
120 27.3 21.7 32.5
77 15.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.666 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV023608.D
Acq: 18 Nov 2021 16:47

Tgt Ion: 75 Resp: 20837
Ion Ratio Lower Upper
75 100
77 32.3 26.6 39.8
110 42.5 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 4.557 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV023608.D

Acq: 18 Nov 2021 16:47

Instrument :

MSVOA_V

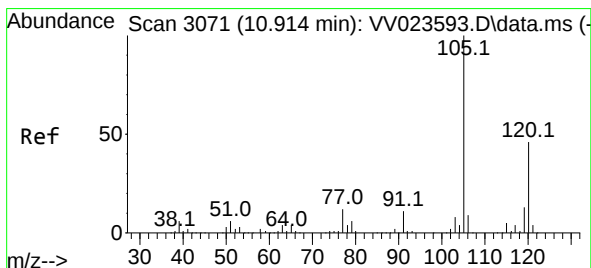
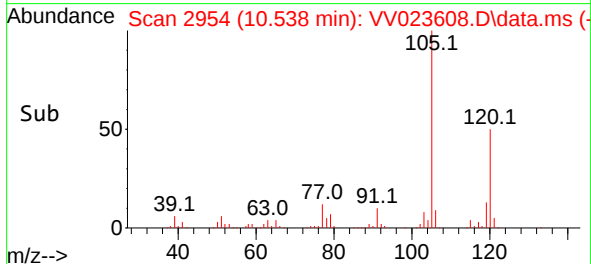
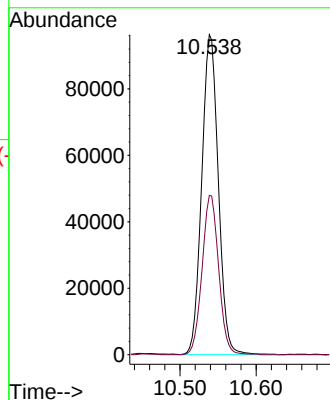
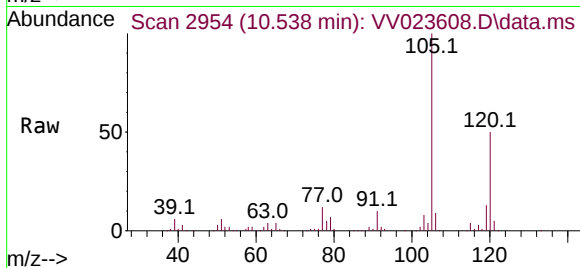
ClientSampleId :

Tgt Ion:105 Resp: 145753

Ion Ratio Lower Upper

105 100

120 49.7 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 4.654 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV023608.D

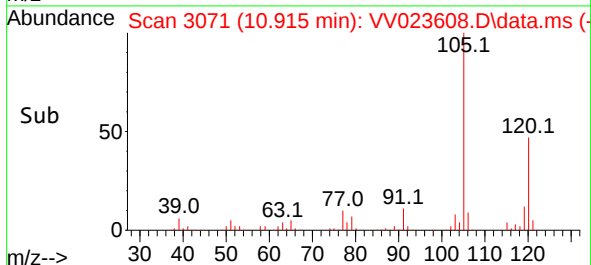
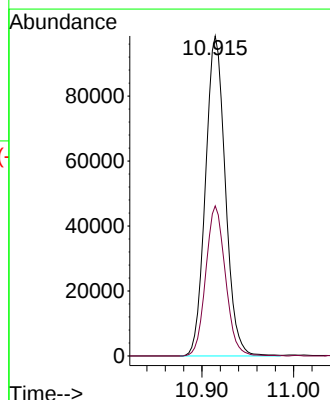
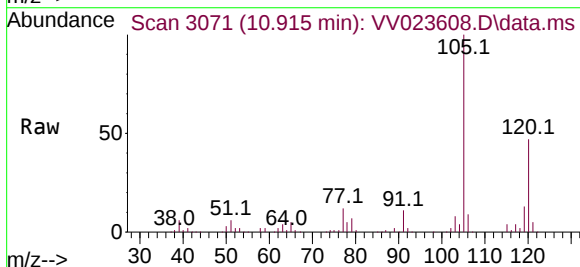
Acq: 18 Nov 2021 16:47

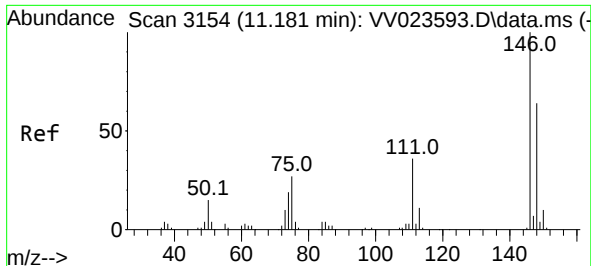
Tgt Ion:105 Resp: 148158

Ion Ratio Lower Upper

105 100

120 46.4 37.4 56.2

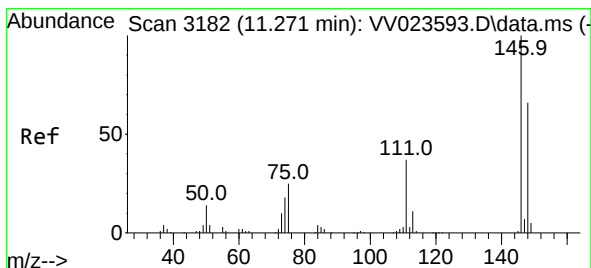
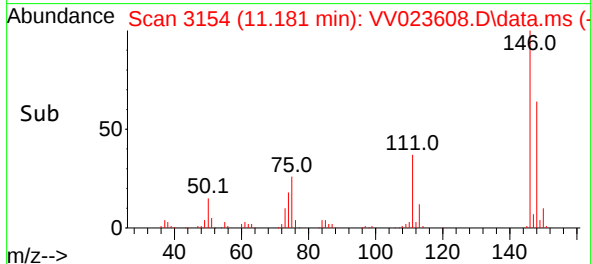
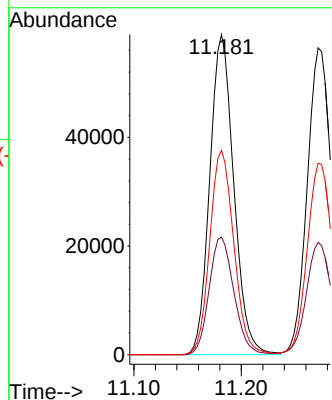
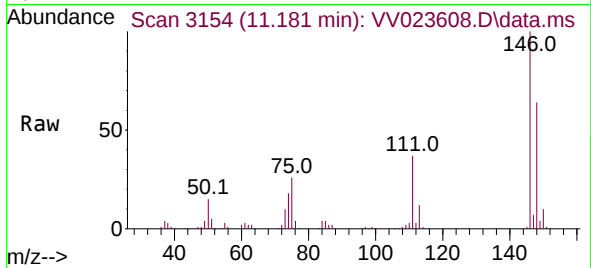




#64
1,3-Dichlorobenzene
Concen: 4.640 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV023608.D
Acq: 18 Nov 2021 16:47

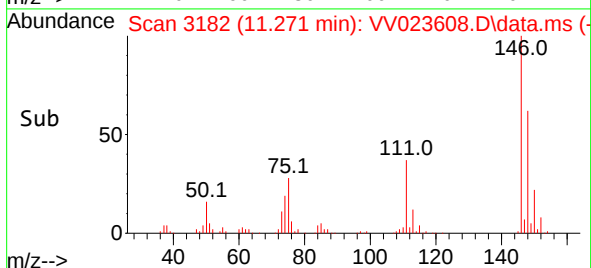
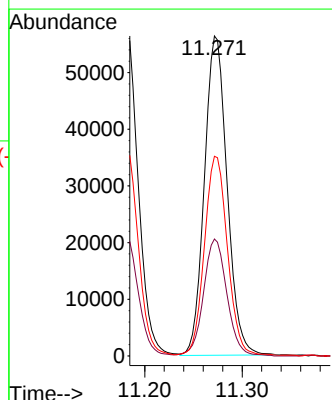
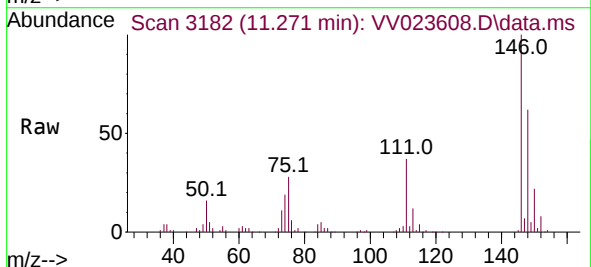
Instrument :
MSVOA_V
ClientSampleId :

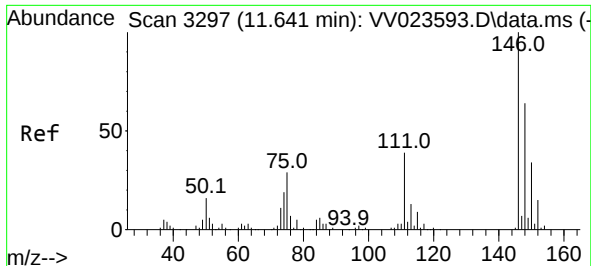
Tgt Ion:146 Resp: 91449
Ion Ratio Lower Upper
146 100
111 36.8 26.7 49.7
148 63.9 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 4.534 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023608.D
Acq: 18 Nov 2021 16:47

Tgt Ion:146 Resp: 91259
Ion Ratio Lower Upper
146 100
111 36.6 26.2 48.8
148 62.4 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 4.685 ug/L

RT: 11.644 min Scan# 3297

Delta R.T. 0.003 min

Lab File: VV023608.D

Acq: 18 Nov 2021 16:47

Instrument :

MSVOA_V

ClientSampleId :

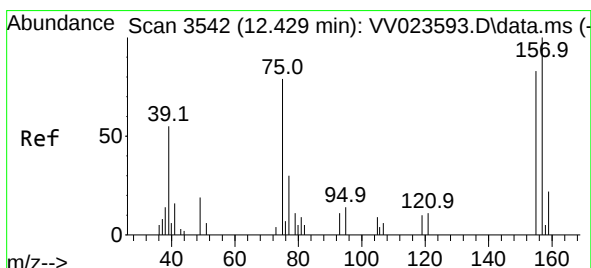
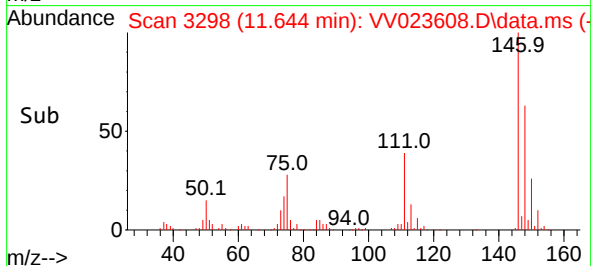
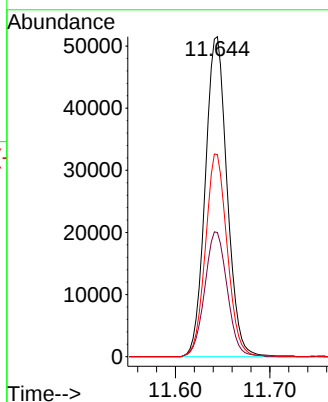
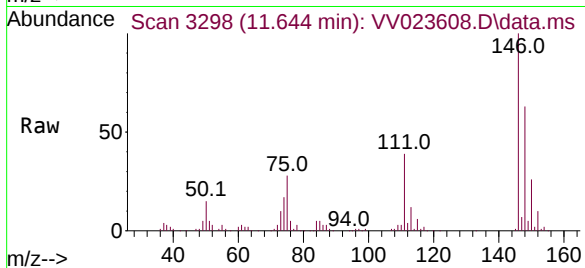
Tgt Ion:146 Resp: 82634

Ion Ratio Lower Upper

146 100

111 38.8 31.6 47.4

148 63.2 51.0 76.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.664 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.000 min

Lab File: VV023608.D

Acq: 18 Nov 2021 16:47

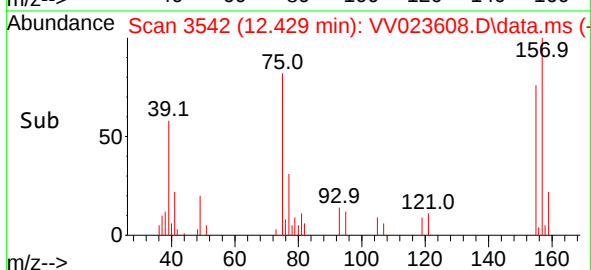
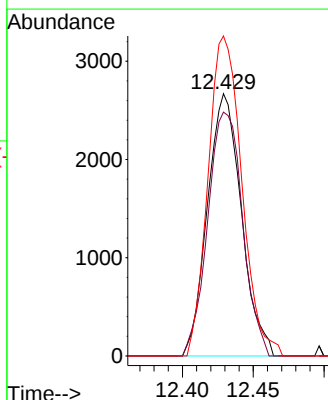
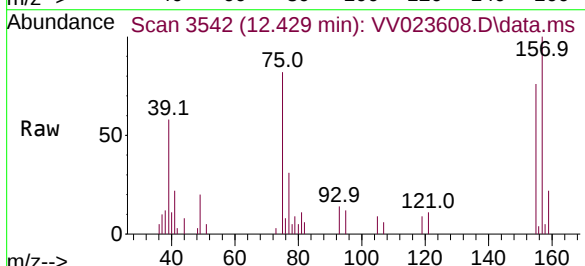
Tgt Ion: 75 Resp: 4437

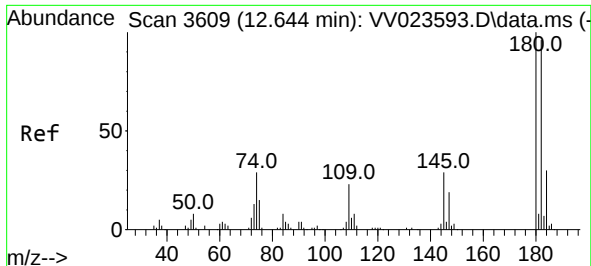
Ion Ratio Lower Upper

75 100

155 93.0 67.7 101.5

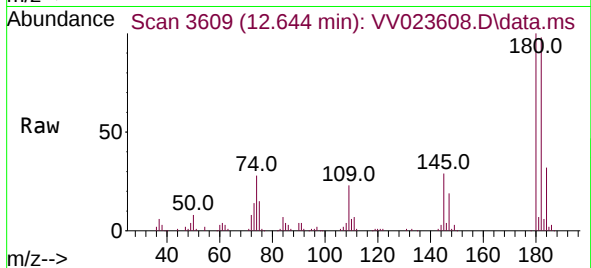
157 122.0 87.9 131.9



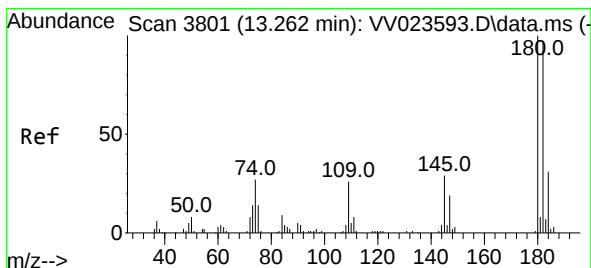
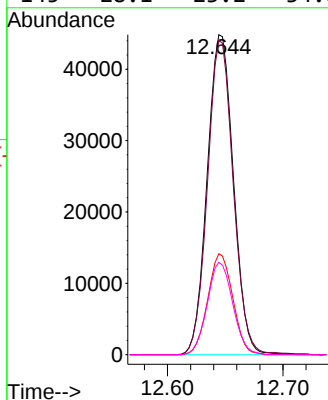
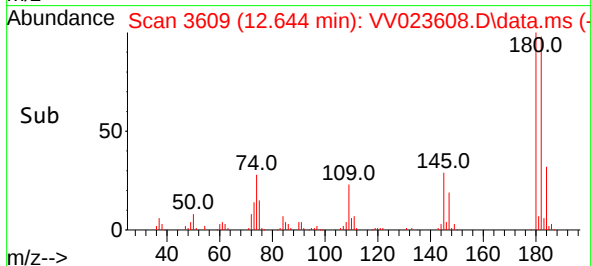


#69
 1,3,5-Trichlorobenzene
 Concen: 4.572 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV023608.D
 Acq: 18 Nov 2021 16:47

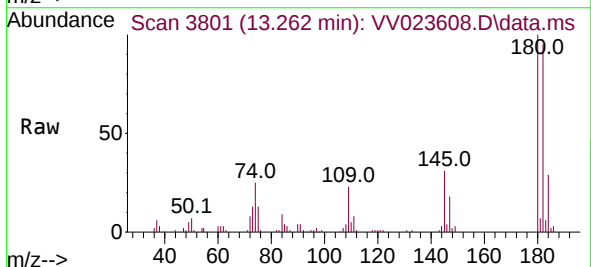
Instrument :
 MSVOA_V
 ClientSampleId :



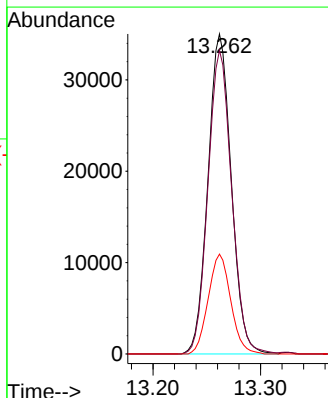
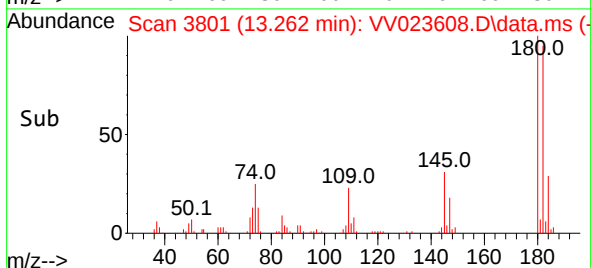
Tgt Ion:180 Resp: 70551
 Ion Ratio Lower Upper
 180 100
 182 96.8 74.9 112.3
 184 30.2 23.8 35.8
 145 28.1 23.2 34.8

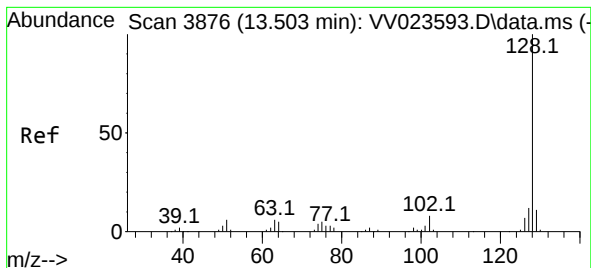


#70
 1,2,4-trichlorobenzene
 Concen: 4.273 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.000 min
 Lab File: VV023608.D
 Acq: 18 Nov 2021 16:47



Tgt Ion:180 Resp: 52803
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.9 115.3
 145 30.1 24.4 36.6





#71

Naphthalene

Concen: 3.770 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.000 min

Lab File: VV023608.D

Acq: 18 Nov 2021 16:47

Instrument :

MSVOA_V

ClientSampleId :

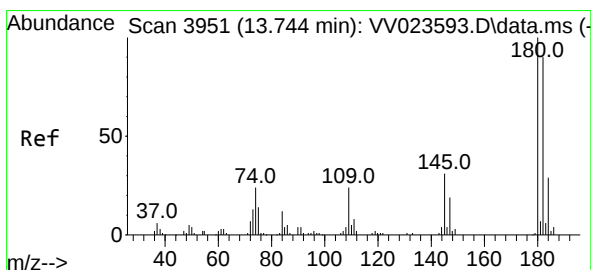
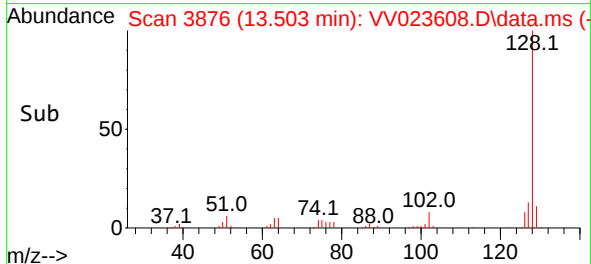
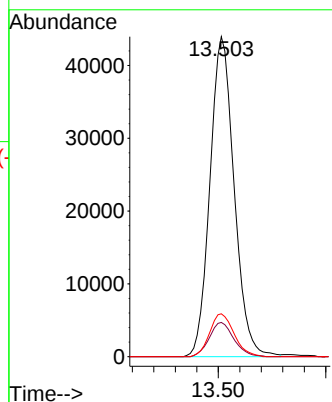
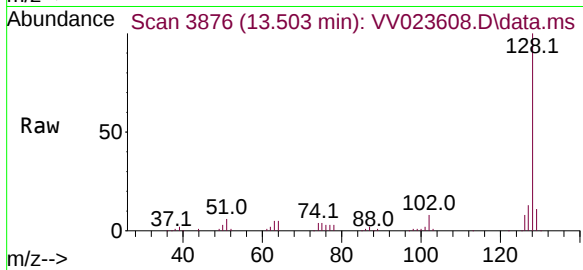
Tgt Ion:128 Resp: 68704

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

127 13.6 10.5 15.7



#72

1,2,3-Trichlorobenzene

Concen: 4.425 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.000 min

Lab File: VV023608.D

Acq: 18 Nov 2021 16:47

Tgt Ion:180 Resp: 47845

Ion Ratio Lower Upper

180 100

182 93.2 76.7 115.1

145 31.3 25.7 38.5

