

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101521\
 Data File : VW022829.D
 Acq On : 15 Oct 2021 11:52
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 16 05:24:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 16 03:54:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	119642	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	118412	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67508	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	38988	4.736	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.564	69	31864	4.308	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.108	63	67226	4.163	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	3.892	46	94793	43.919	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.840%
24) Chloroform-d	4.346	84	93150	5.491	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.800%
26) 1,2-Dichloroethane-d4	5.031	65	39890	4.845	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.047	84	175101	4.967	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.066	67	52461	5.025	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.313	98	165980	5.447	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.000%
43) trans-1,3-Dichloroprop...	7.622	79	17012	4.913	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.088	63	78468	56.226	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.460%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38346	5.422	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	63047	5.037	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	45379	5.204	ug/L	99
3) Chloromethane	1.240	50	48751	5.563	ug/L	99
5) Vinyl chloride	1.307	62	48563	5.363	ug/L	99
6) Bromomethane	1.519	94	27774	4.920	ug/L	97
8) Chloroethane	1.584	64	23997	4.283	ug/L	99
9) Trichlorofluoromethane	1.751	101	62260	4.694	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	36133	4.683	ug/L	97
12) 1,1-Dichloroethene	2.114	96	31875	4.411	ug/L	94
13) Acetone	2.185	43	50404	41.880	ug/L #	51
14) Carbon disulfide	2.291	76	107303	5.283	ug/L	100
15) Methyl Acetate	2.436	43	13137	3.815	ug/L	98
16) Methylene chloride	2.503	84	46888	4.714	ug/L	90
17) Methyl tert-butyl Ether	2.764	73	78263	4.475	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	40969	5.213	ug/L	98
19) 1,1-Dichloroethane	3.185	63	75450	5.330	ug/L	96
21) 2-Butanone	3.979	43	77390	39.272	ug/L	100
22) cis-1,2-Dichloroethene	3.908	96	42982	5.208	ug/L	95
23) Bromochloromethane	4.249	128	19919	5.433	ug/L	93
25) Chloroform	4.371	83	78400	4.778	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101521\
 Data File : VV022829.D
 Acq On : 15 Oct 2021 11:52
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

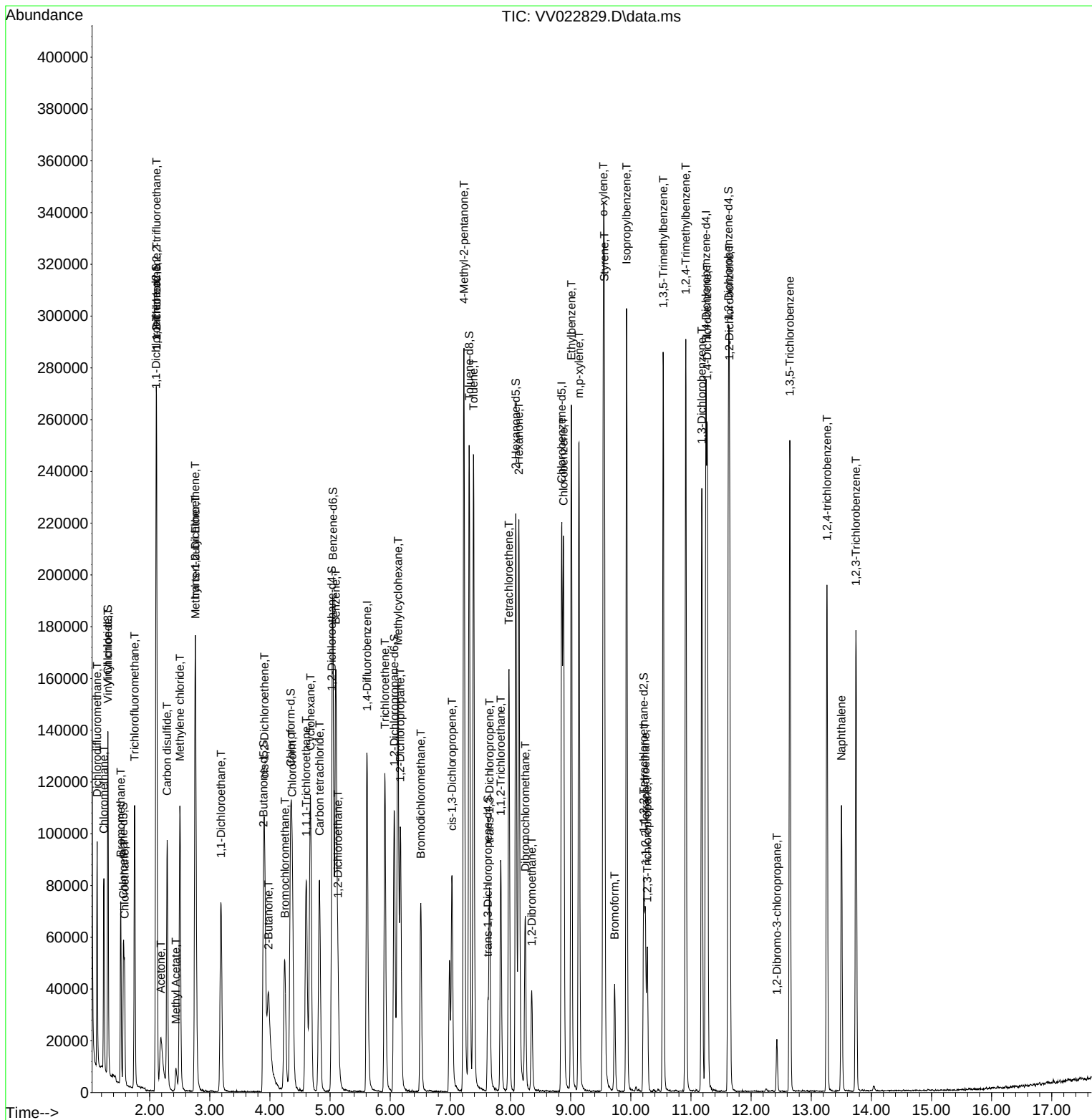
Instrument :
 MSVOA_V
 ClientSampleId :

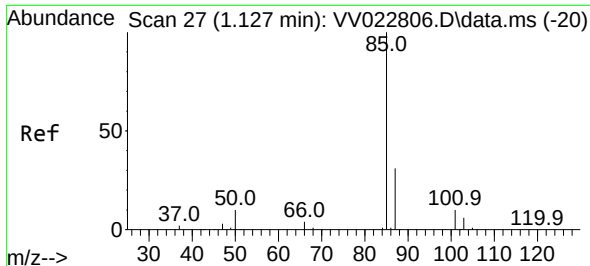
Quant Time: Oct 16 05:24:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 16 03:54:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	39868	4.868	ug/L	95
29) 1,1,1-Trichloroethane	4.603	97	68334	5.054	ug/L	100
30) Cyclohexane	4.674	56	57029	4.571	ug/L	97
31) Carbon tetrachloride	4.825	117	61493	5.239	ug/L	99
33) Benzene	5.095	78	165043	5.175	ug/L	100
34) Trichloroethene	5.912	95	43312	4.994	ug/L	99
35) Methylcyclohexane	6.130	83	62793	5.168	ug/L	97
37) 1,2-Dichloropropane	6.169	63	40591	5.292	ug/L	100
38) Bromodichloromethane	6.510	83	50056	5.296	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	53708	5.290	ug/L	96
40) 4-Methyl-2-pentanone	7.227	43	191117	46.373	ug/L	99
42) Toluene	7.384	91	181189	5.596	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	45739	5.526	ug/L	95
45) 1,1,2-Trichloroethane	7.838	97	28557	5.017	ug/L	99
47) Tetrachloroethene	7.976	164	37729	5.379	ug/L	97
48) 2-Hexanone	8.140	43	141078	46.818	ug/L	97
49) Dibromochloromethane	8.246	129	34416	5.165	ug/L	92
50) 1,2-Dibromoethane	8.352	107	26474	4.981	ug/L	99
51) Chlorobenzene	8.882	112	117656	5.531	ug/L	99
52) Ethylbenzene	9.011	91	182529	5.553	ug/L	99
53) m,p-xylene	9.140	106	72048	5.585	ug/L	96
54) o-xylene	9.545	106	67819	5.588	ug/L	97
55) Styrene	9.561	104	119709	5.725	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	32641	5.669	ug/L	99
59) Bromoform	9.731	173	18704	4.946	ug/L	99
60) Isopropylbenzene	9.931	105	187459	5.467	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	21636	4.613	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	148303	5.353	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	152993	5.518	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	99361	5.521	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	97117	5.315	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	86692	5.135	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4761	5.577	ug/L	88
69) 1,3,5-Trichlorobenzene	12.644	180	76874	5.670	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	59900	5.784	ug/L	99
71) Naphthalene	13.503	128	85809	5.213	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	54898	5.622	ug/L	100

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

Quant Time: Oct 16 05:24:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 16 03:54:29 2021
Response via : Initial Calibration

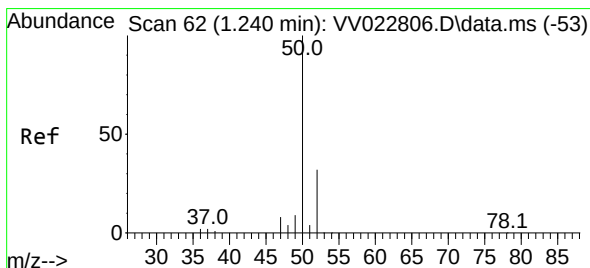
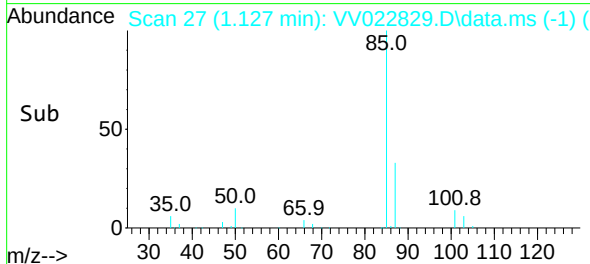
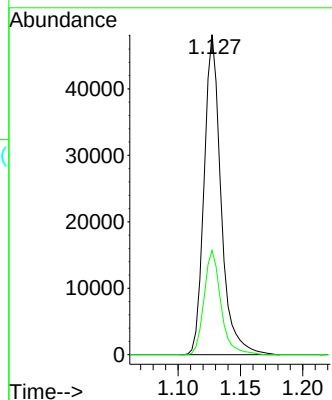
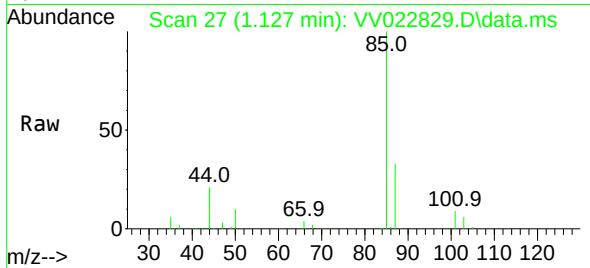




#2
Dichlorodifluoromethane
Concen: 5.204 ug/L
RT: 1.127 min Scan# 27
Delta R.T. -0.000 min
Lab File: VV022829.D
Acq: 15 Oct 2021 11:52

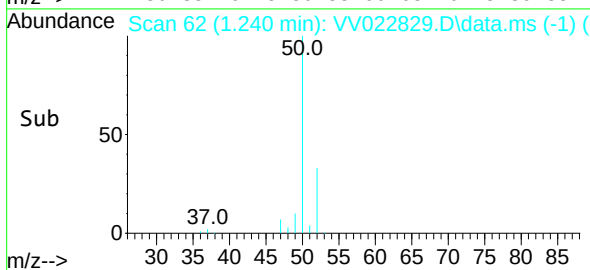
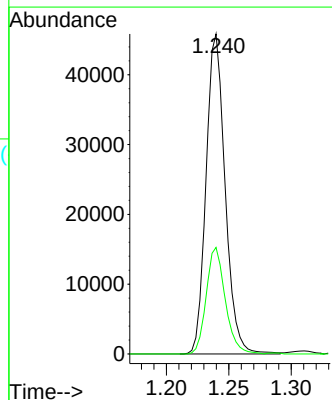
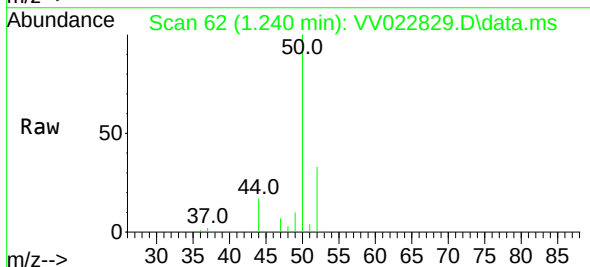
Instrument :
MSVOA_V
ClientSampled :

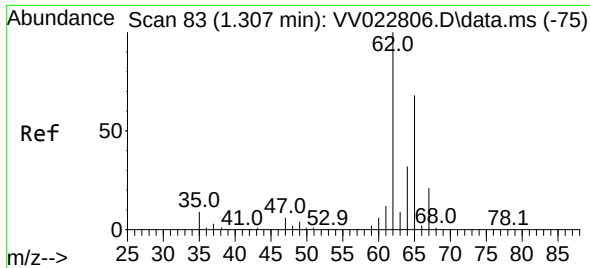
Tgt Ion: 85 Resp: 45379
Ion Ratio Lower Upper
85 100
87 32.4 26.3 39.5



#3
Chloromethane
Concen: 5.563 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV022829.D
Acq: 15 Oct 2021 11:52

Tgt Ion: 50 Resp: 48751
Ion Ratio Lower Upper
50 100
52 33.3 22.9 42.5

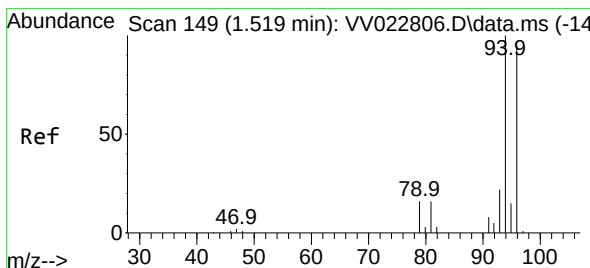
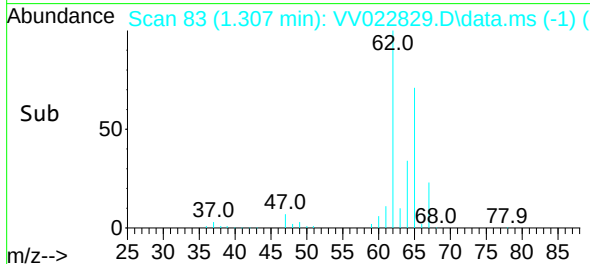
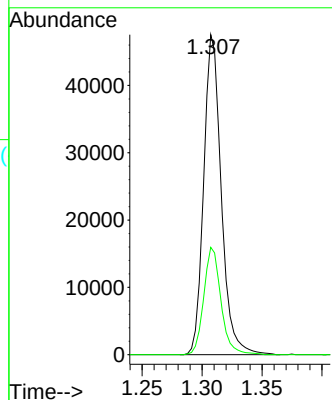
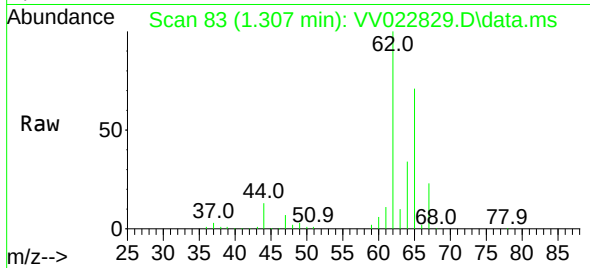




#5
 Vinyl chloride
 Concen: 5.363 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV022829.D
 Acq: 15 Oct 2021 11:52

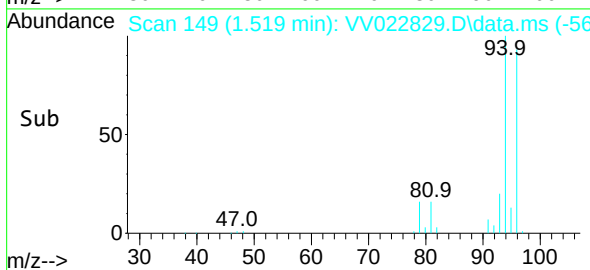
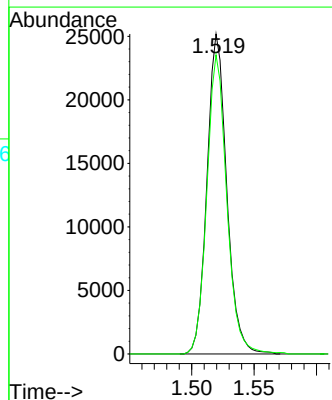
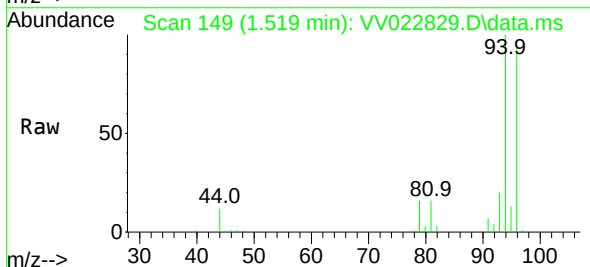
Instrument :
 MSVOA_V
 ClientSampled :

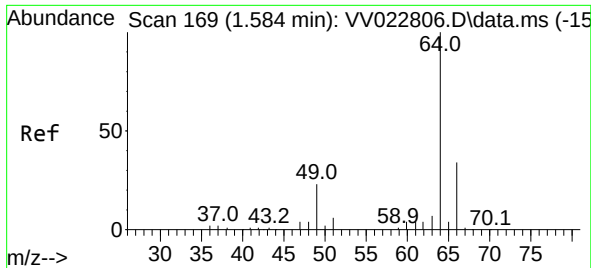
Tgt Ion: 62 Resp: 48563
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.0 42.8



#6
 Bromomethane
 Concen: 4.920 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV022829.D
 Acq: 15 Oct 2021 11:52

Tgt Ion: 94 Resp: 27774
 Ion Ratio Lower Upper
 94 100
 96 93.5 67.2 124.8

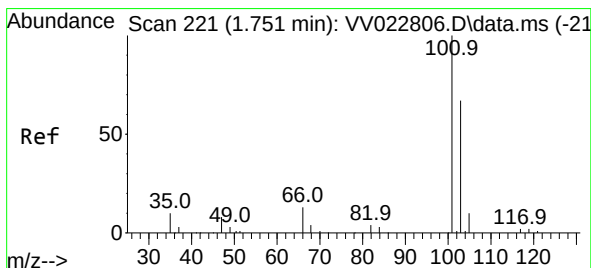
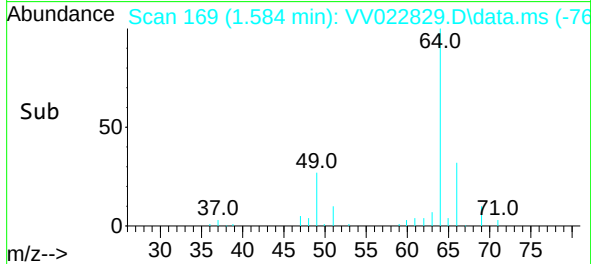
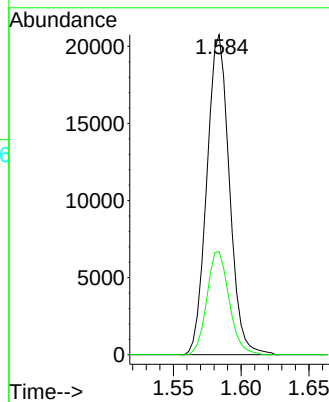
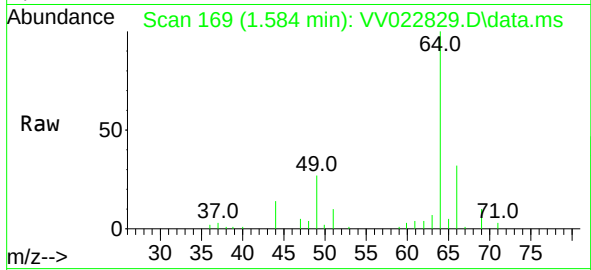




#8
Chloroethane
Concen: 4.283 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV022829.D
Acq: 15 Oct 2021 11:52

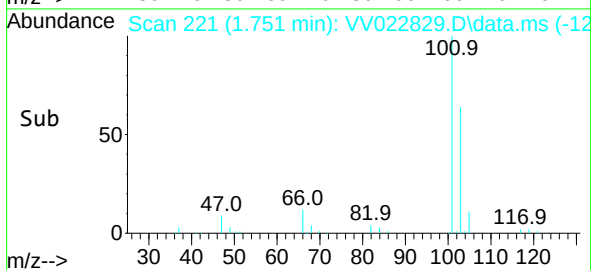
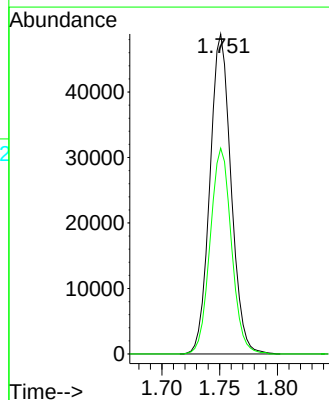
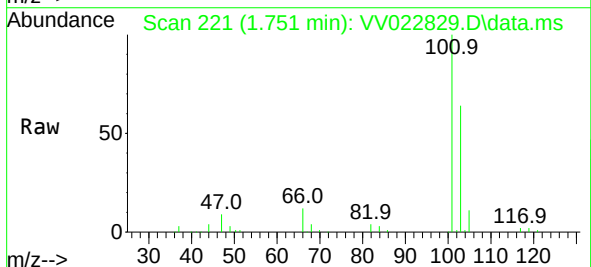
Instrument :
MSVOA_V
ClientSampleId :

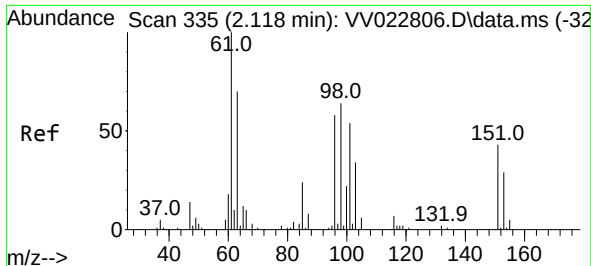
Tgt Ion: 64 Resp: 23997
Ion Ratio Lower Upper
64 100
66 32.2 22.9 42.5



#9
Trichlorofluoromethane
Concen: 4.694 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV022829.D
Acq: 15 Oct 2021 11:52

Tgt Ion:101 Resp: 62260
Ion Ratio Lower Upper
101 100
103 64.7 50.3 75.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.683 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.003 min

Lab File: VV022829.D

Acq: 15 Oct 2021 11:52

Tgt Ion:101 Resp: 36133

Ion Ratio Lower Upper

101 100

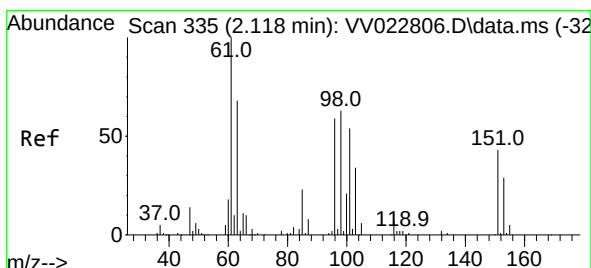
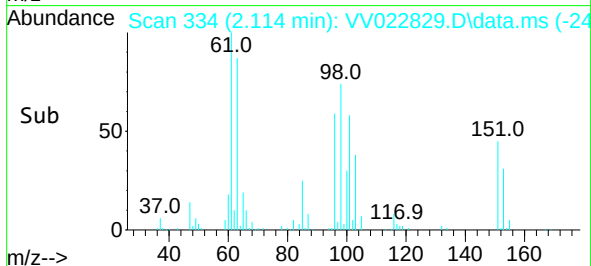
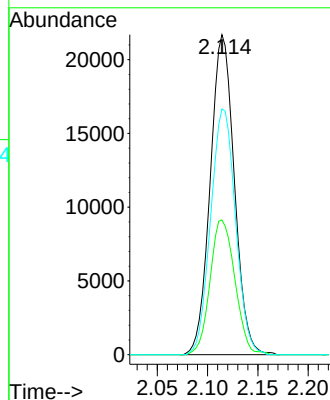
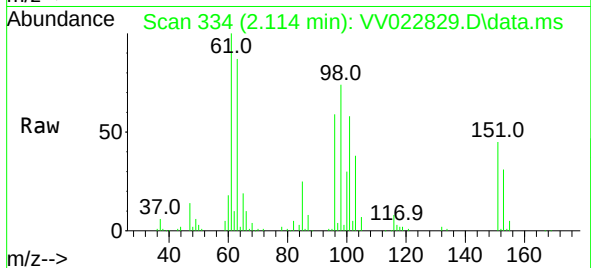
85 43.4 34.6 52.0

151 79.5 60.9 91.3

Instrument :

MSVOA_V

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 4.411 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.003 min

Lab File: VV022829.D

Acq: 15 Oct 2021 11:52

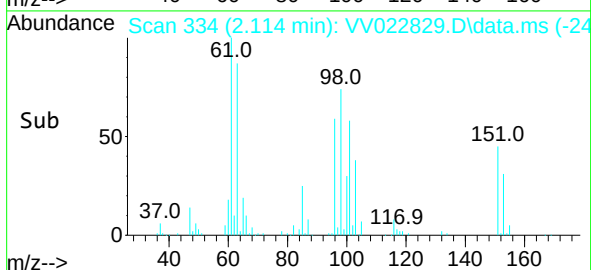
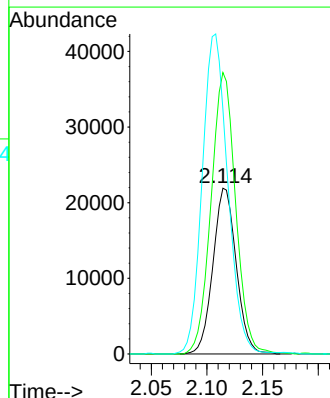
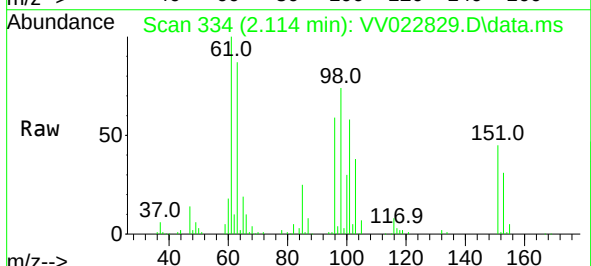
Tgt Ion: 96 Resp: 31875

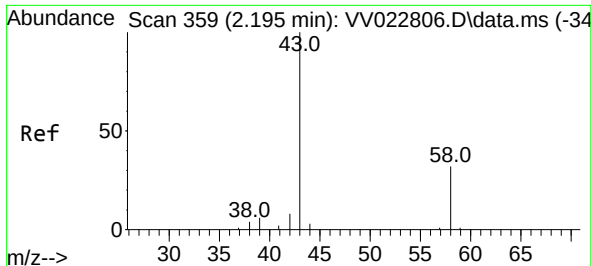
Ion Ratio Lower Upper

96 100

61 169.8 127.3 236.5

63 147.6 106.2 197.2

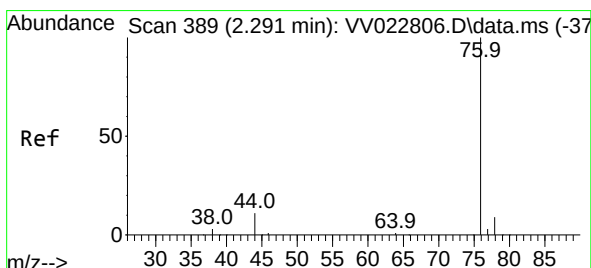
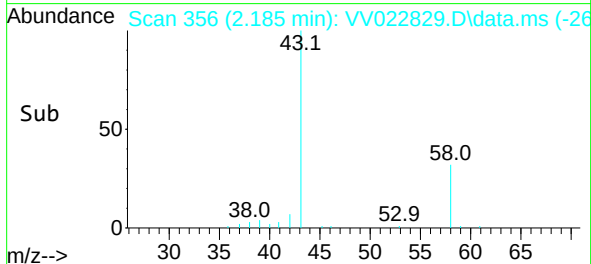
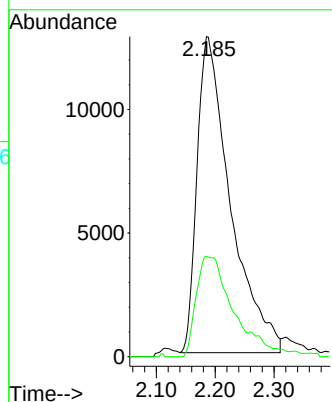
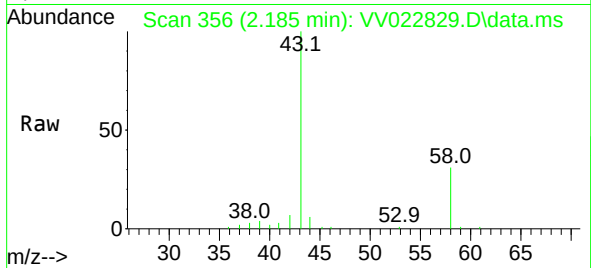




#13
Acetone
Concen: 41.880 ug/L
RT: 2.185 min Scan# 356
Delta R.T. -0.010 min
Lab File: VV022829.D
Acq: 15 Oct 2021 11:52

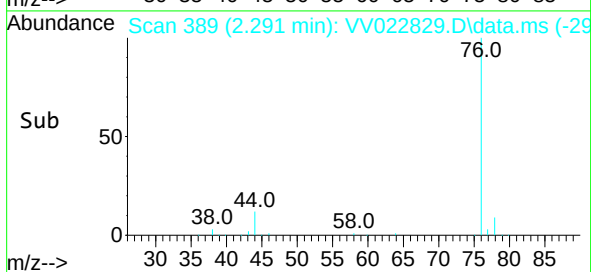
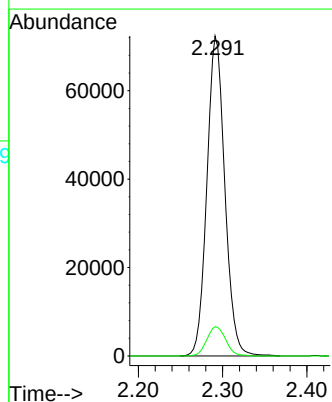
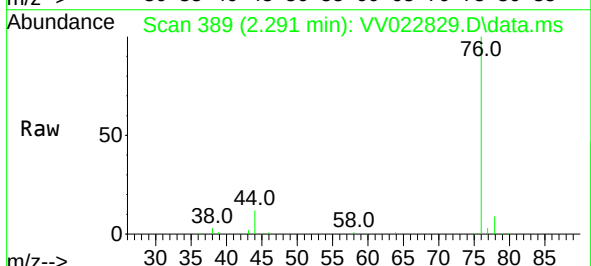
Instrument :
MSVOA_V
ClientSampled :

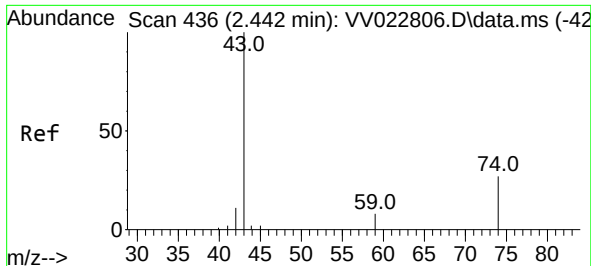
Tgt Ion: 43 Resp: 50404
Ion Ratio Lower Upper
43 100
58 31.3 0.0 24.2#



#14
Carbon disulfide
Concen: 5.283 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV022829.D
Acq: 15 Oct 2021 11:52

Tgt Ion: 76 Resp: 107303
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

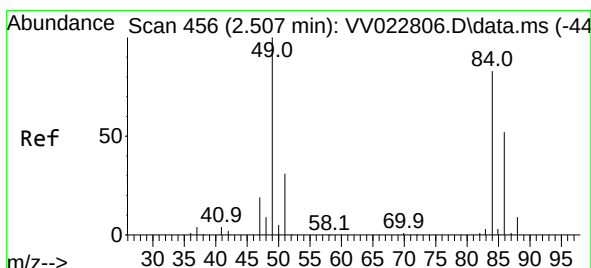
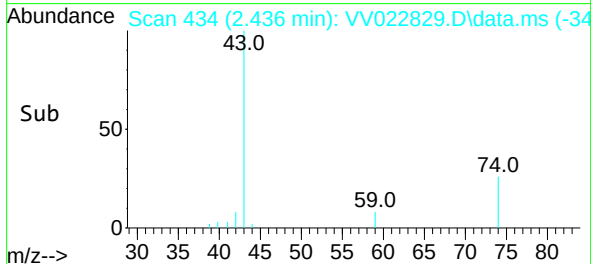
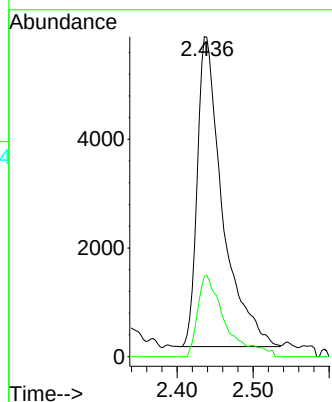
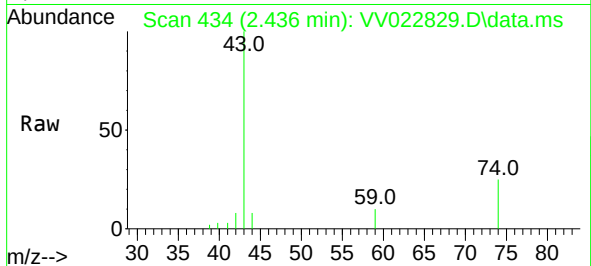




#15
Methyl Acetate
Concen: 3.815 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.006 min
Lab File: VV022829.D
Acq: 15 Oct 2021 11:52

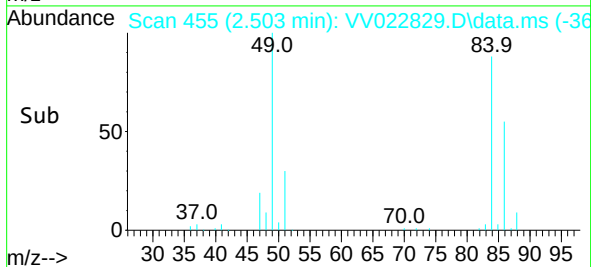
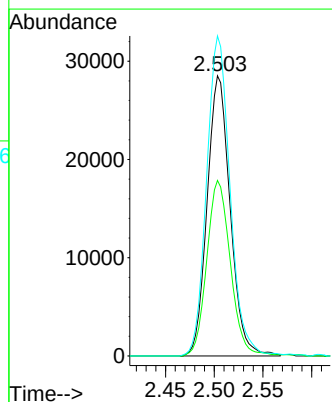
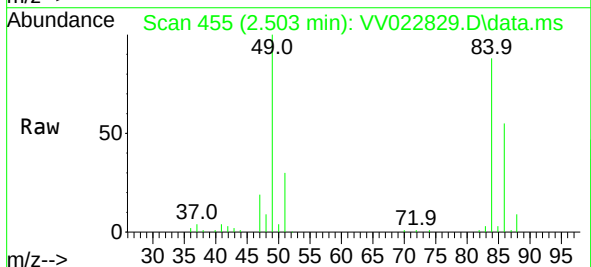
Instrument :
MSVOA_V
ClientSampled :

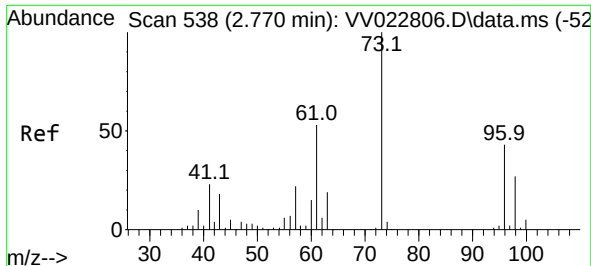
Tgt Ion: 43 Resp: 13137
Ion Ratio Lower Upper
43 100
74 26.1 19.9 29.9



#16
Methylene chloride
Concen: 4.714 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV022829.D
Acq: 15 Oct 2021 11:52

Tgt Ion: 84 Resp: 46888
Ion Ratio Lower Upper
84 100
86 62.6 45.8 85.2
49 114.2 90.3 167.7

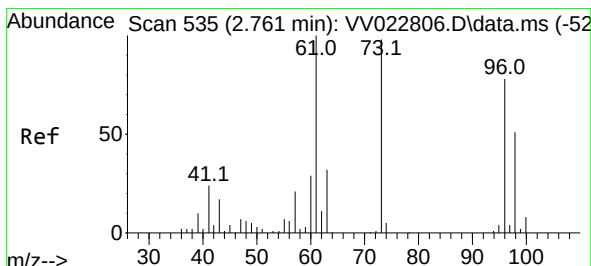
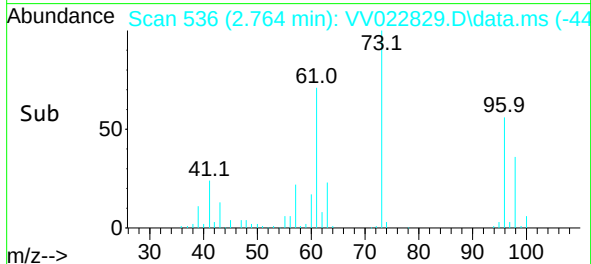
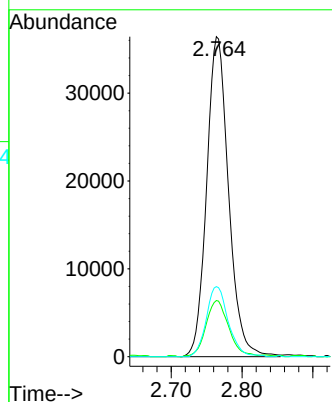
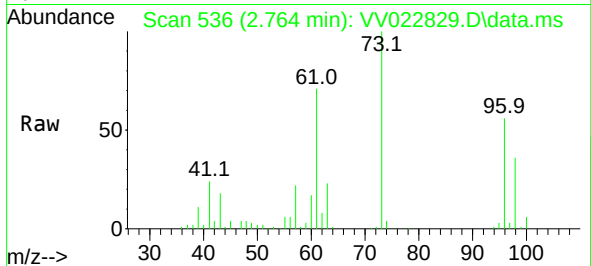




#17
Methyl tert-butyl Ether
Concen: 4.475 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.006 min
Lab File: VV022829.D
Acq: 15 Oct 2021 11:52

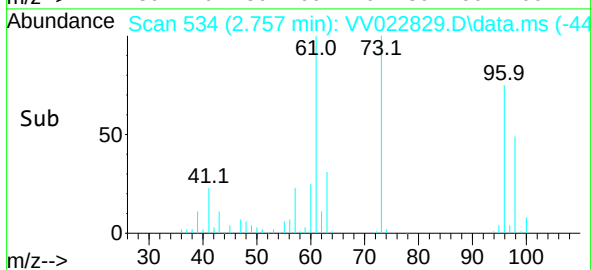
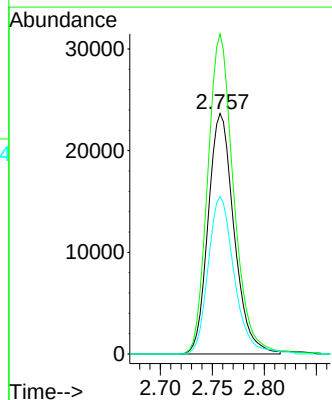
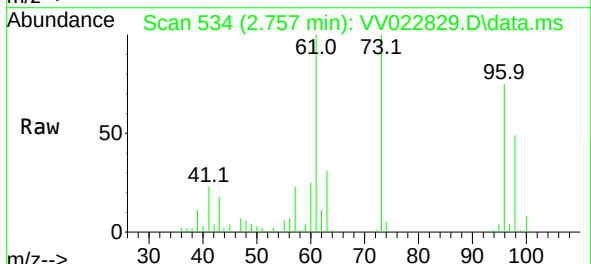
Instrument :
MSVOA_V
ClientSampleId :

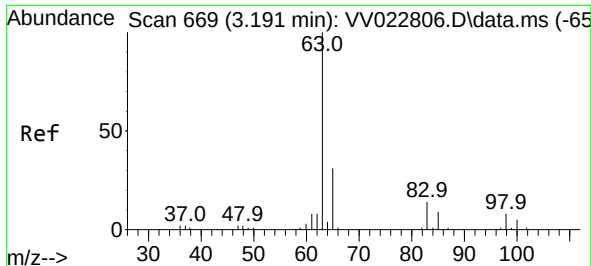
Tgt Ion: 73 Resp: 78263
Ion Ratio Lower Upper
73 100
43 18.2 17.1 25.7
57 21.9 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 5.213 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV022829.D
Acq: 15 Oct 2021 11:52

Tgt Ion: 96 Resp: 40969
Ion Ratio Lower Upper
96 100
61 133.1 94.5 175.5
98 65.5 44.2 82.0





#19

1,1-Dichloroethane

Concen: 5.330 ug/L

RT: 3.185 min Scan# 667

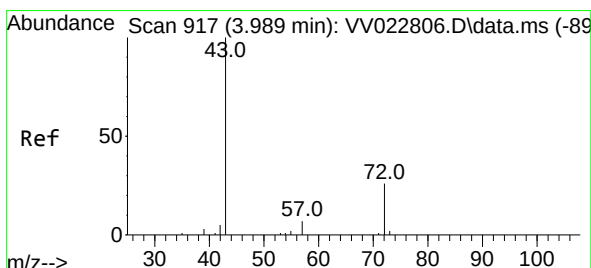
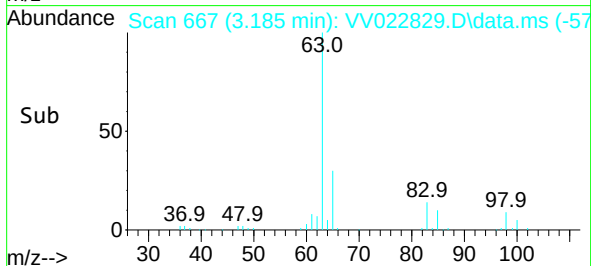
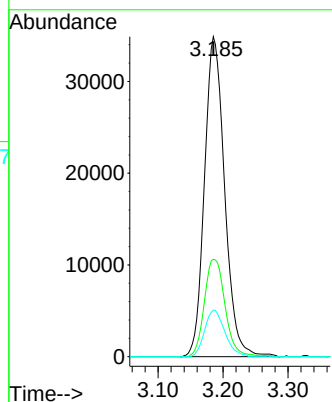
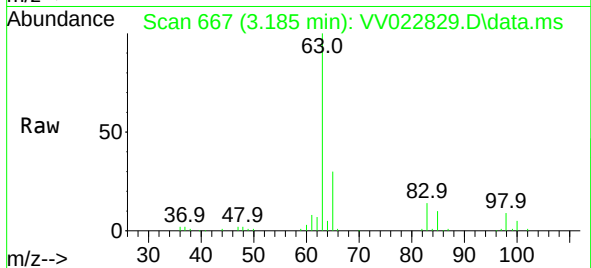
Delta R.T. -0.006 min

Lab File: VV022829.D

Acq: 15 Oct 2021 11:52

Tgt Ion:	63	Resp:	75450
Ion	Ratio	Lower	Upper
63	100		
65	30.4	23.5	43.7
83	14.5	10.1	18.7

Instrument :
MSVOA_V
ClientSampled :



#21

2-Butanone

Concen: 39.272 ug/L

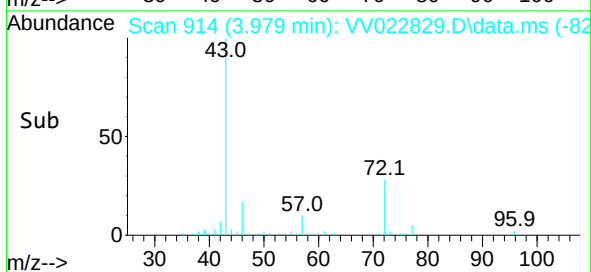
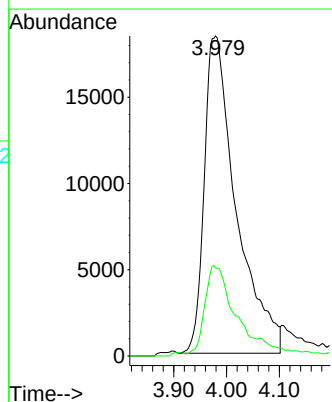
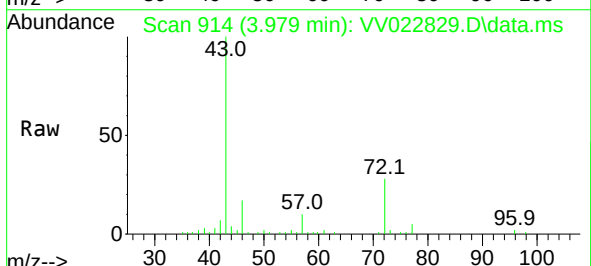
RT: 3.979 min Scan# 914

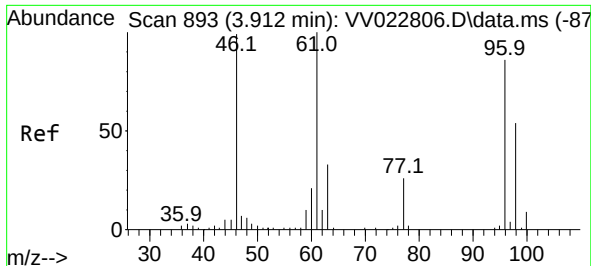
Delta R.T. -0.010 min

Lab File: VV022829.D

Acq: 15 Oct 2021 11:52

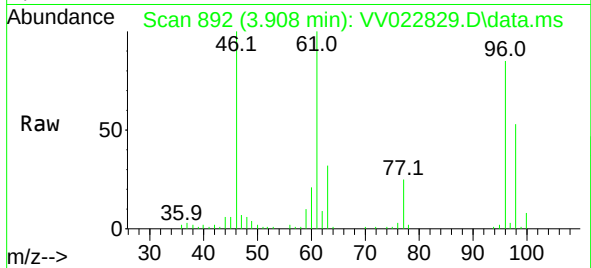
Tgt Ion:	43	Resp:	77390
Ion	Ratio	Lower	Upper
43	100		
72	24.3	12.3	36.8





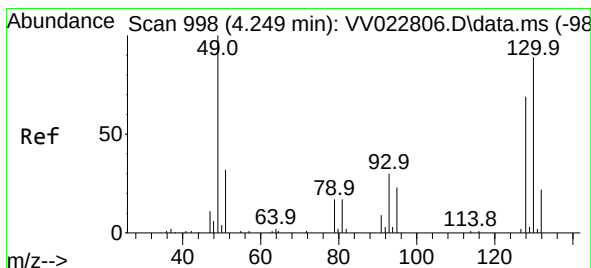
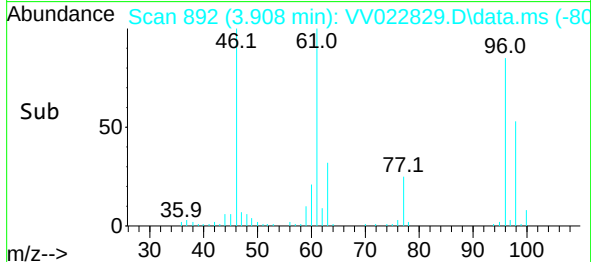
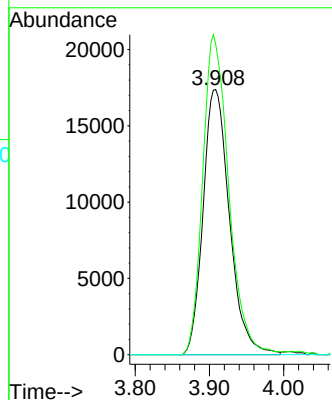
#22
 cis-1,2-Dichloroethene
 Concen: 5.208 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. -0.003 min
 Lab File: VV022829.D
 Acq: 15 Oct 2021 11:52

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 42982

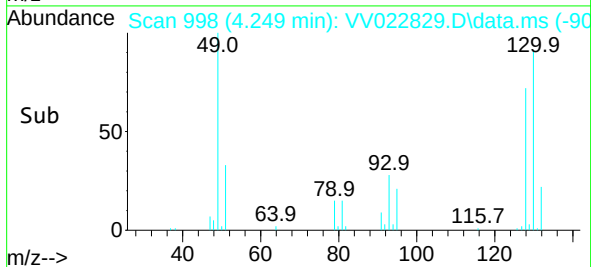
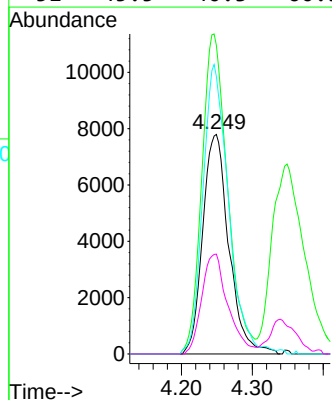
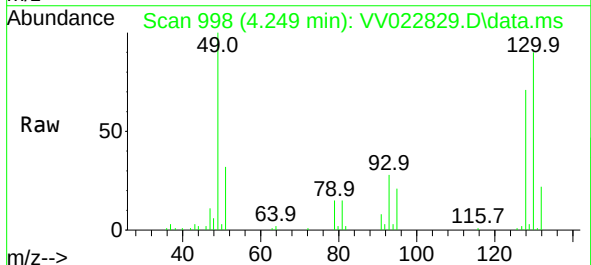
Ion	Ratio	Lower	Upper
96	100		
61	117.2	86.0	159.6
68	0.0	0.0	0.0

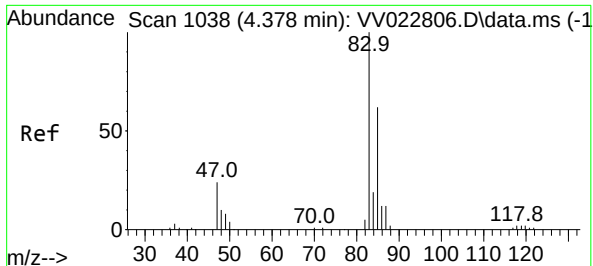


#23
 Bromochloromethane
 Concen: 5.433 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VV022829.D
 Acq: 15 Oct 2021 11:52

Tgt Ion: 128 Resp: 19919

Ion	Ratio	Lower	Upper
128	100		
49	140.6	106.9	198.5
130	126.4	91.9	170.7
51	45.5	40.3	60.5





#25

Chloroform

Concen: 4.778 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VV022829.D

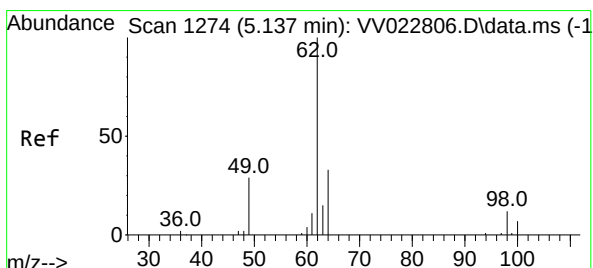
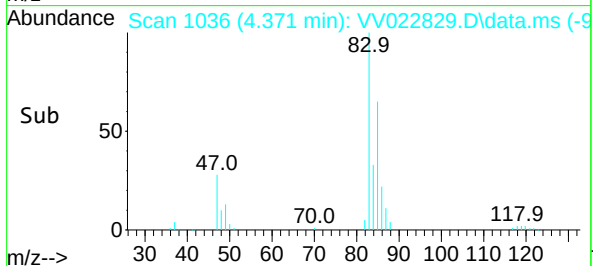
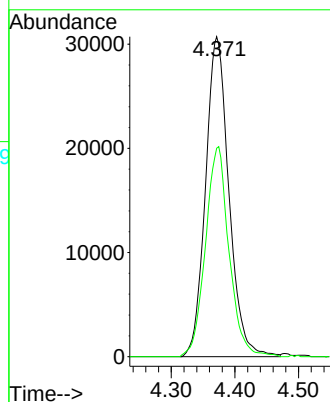
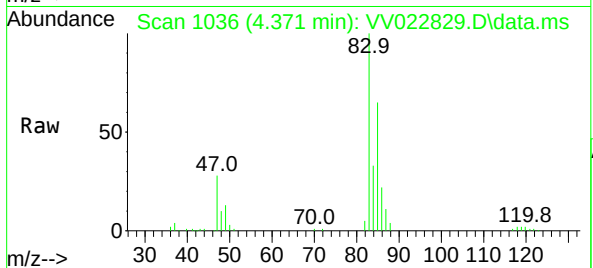
Acq: 15 Oct 2021 11:52

Tgt Ion: 83 Resp: 78400

Ion Ratio Lower Upper

83 100

85 65.1 45.7 84.9



#27

1,2-Dichloroethane

Concen: 4.868 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VV022829.D

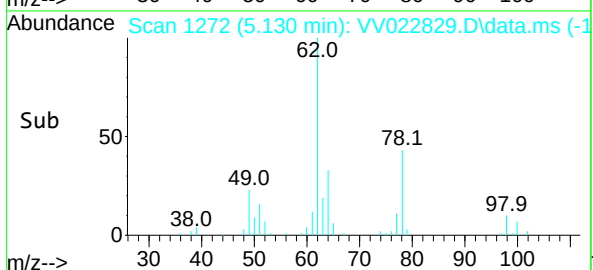
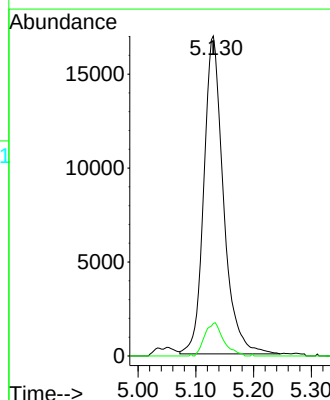
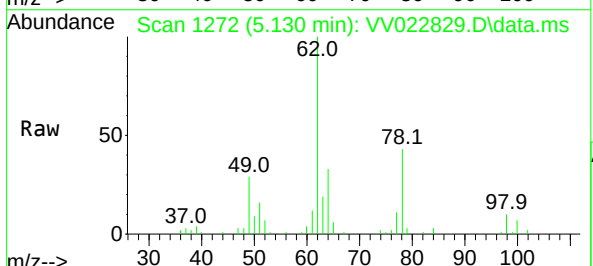
Acq: 15 Oct 2021 11:52

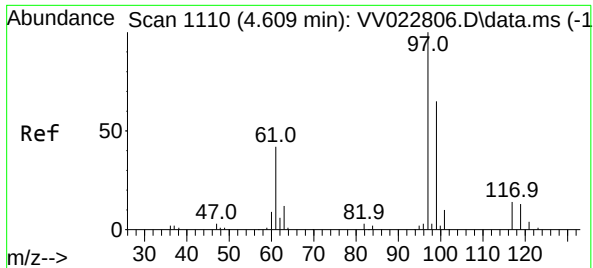
Tgt Ion: 62 Resp: 39868

Ion Ratio Lower Upper

62 100

98 10.1 9.7 14.5



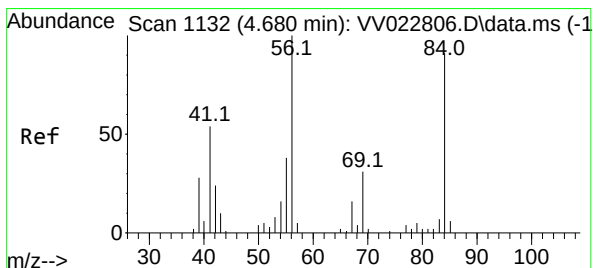
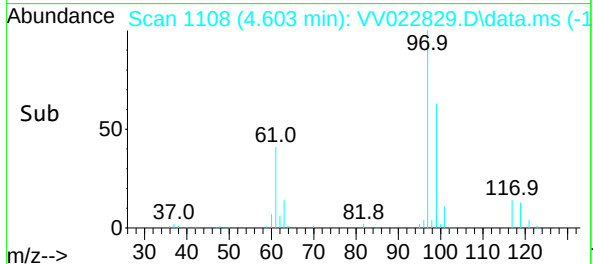
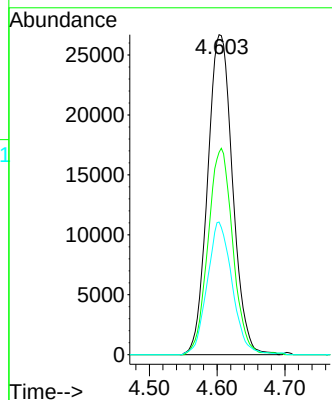
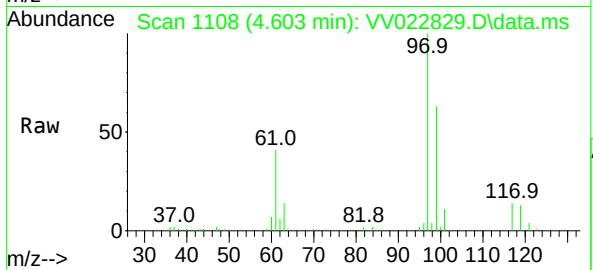


#29

1,1,1-Trichloroethane
Concen: 5.054 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VV022829.D
Acq: 15 Oct 2021 11:52

Instrument :
MSVOA_V
ClientSampleId :

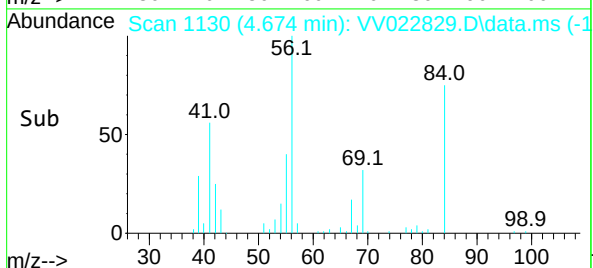
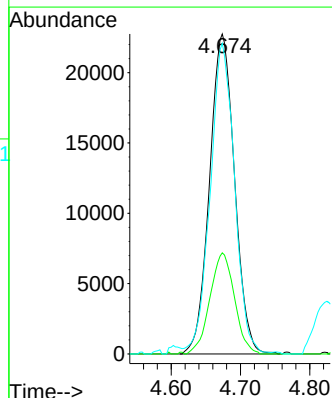
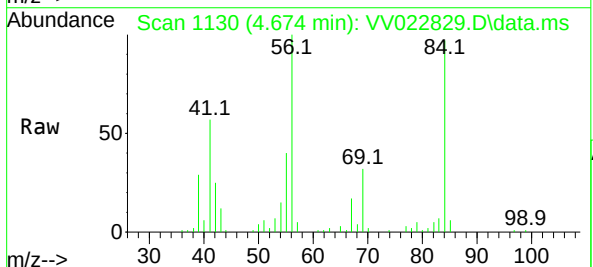
Tgt Ion: 97	Resp: 68334
Ion Ratio	Lower Upper
97 100	
99 63.9	51.2 76.8
61 41.4	33.2 49.8

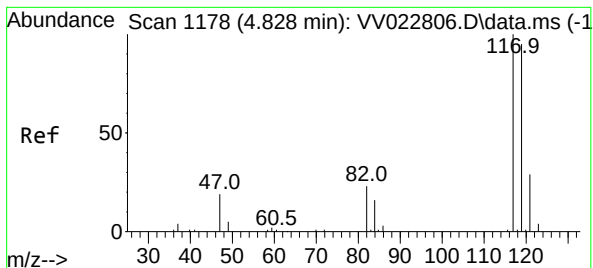


#30

Cyclohexane
Concen: 4.571 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VV022829.D
Acq: 15 Oct 2021 11:52

Tgt Ion: 56	Resp: 57029
Ion Ratio	Lower Upper
56 100	
69 31.0	24.9 37.3
84 94.0	72.5 108.7

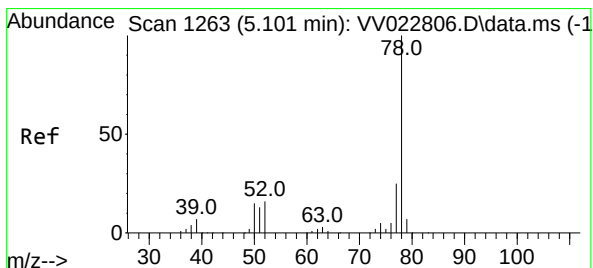
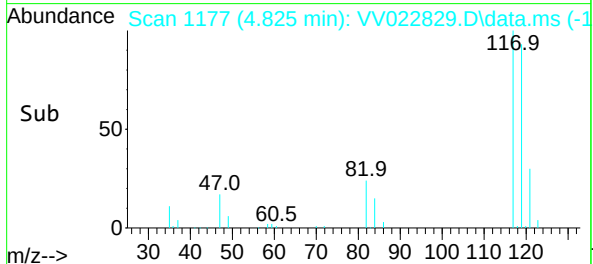
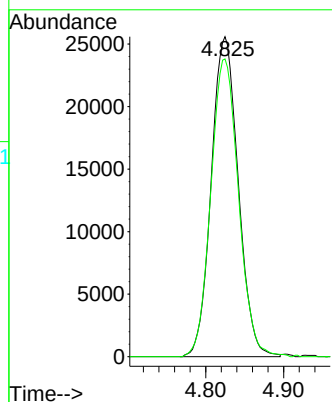
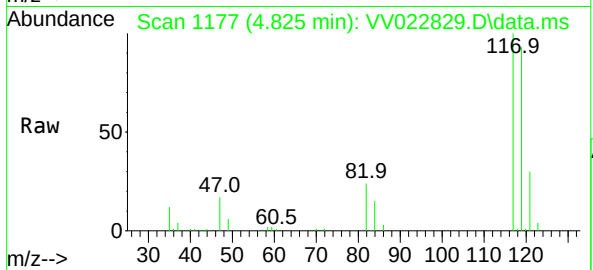




#31
Carbon tetrachloride
Concen: 5.239 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV022829.D
Acq: 15 Oct 2021 11:52

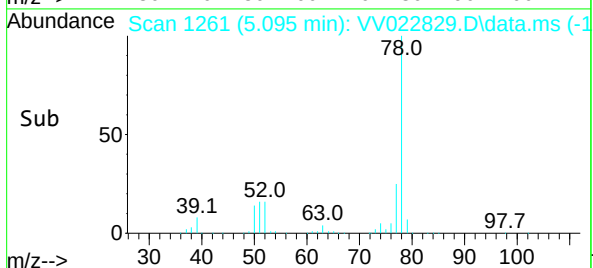
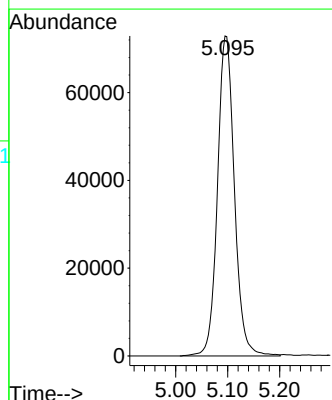
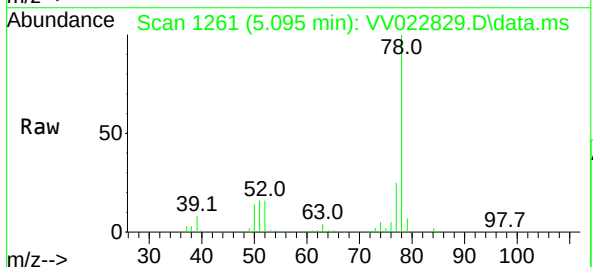
Instrument :
MSVOA_V
ClientSampled :

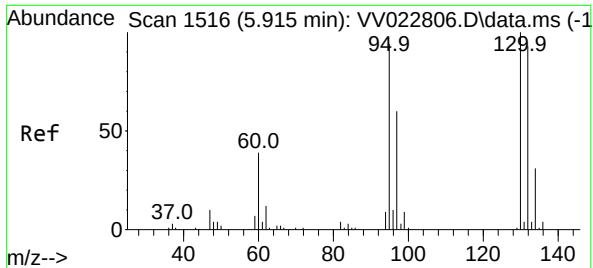
Tgt Ion:117 Resp: 61493
Ion Ratio Lower Upper
117 100
119 95.7 77.4 116.0



#33
Benzene
Concen: 5.175 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VV022829.D
Acq: 15 Oct 2021 11:52

Tgt Ion: 78 Resp: 165043





#34

Trichloroethene

Concen: 4.994 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. -0.003 min

Lab File: VV022829.D

Acq: 15 Oct 2021 11:52

Tgt Ion: 95 Resp: 43312

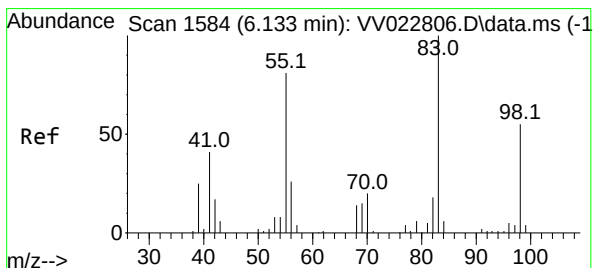
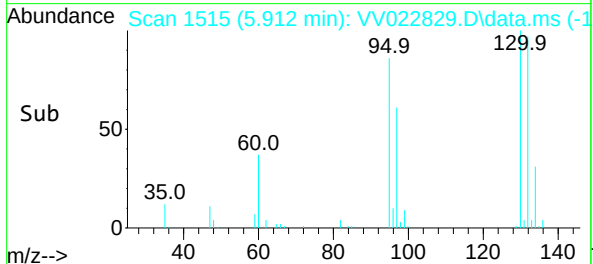
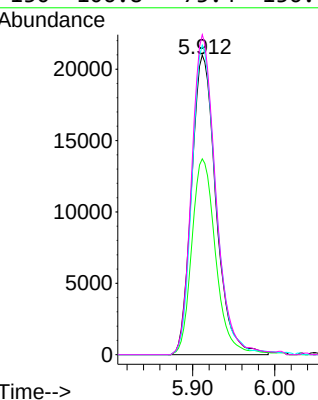
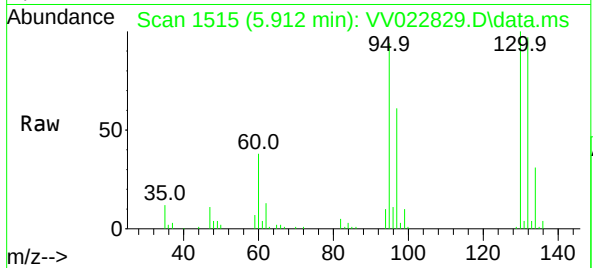
Ion Ratio Lower Upper

95 100

97 65.4 45.8 85.2

132 103.3 72.2 134.0

130 106.8 73.4 136.4



#35

Methylcyclohexane

Concen: 5.168 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. -0.003 min

Lab File: VV022829.D

Acq: 15 Oct 2021 11:52

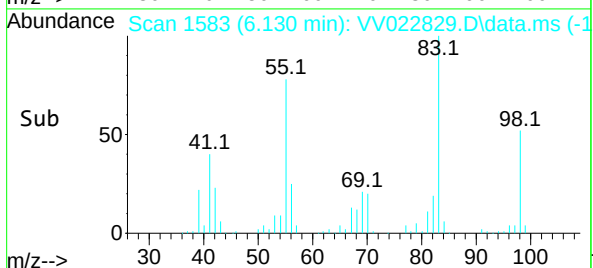
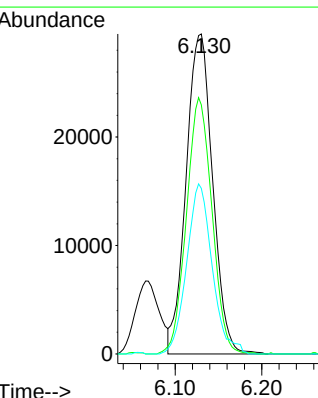
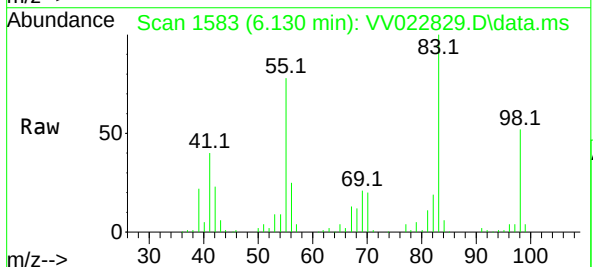
Tgt Ion: 83 Resp: 62793

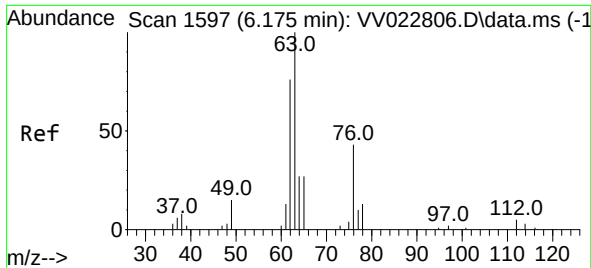
Ion Ratio Lower Upper

83 100

55 77.2 63.8 95.6

98 51.1 42.1 63.1

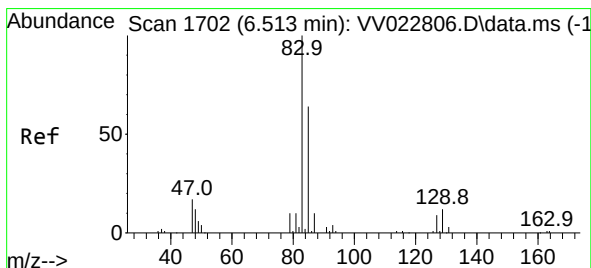
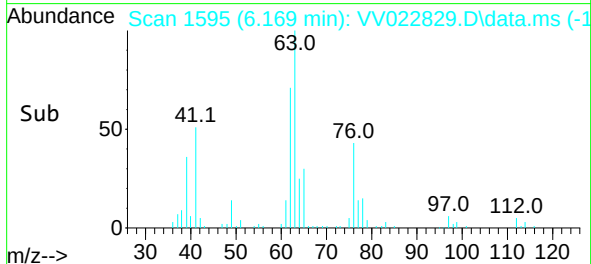
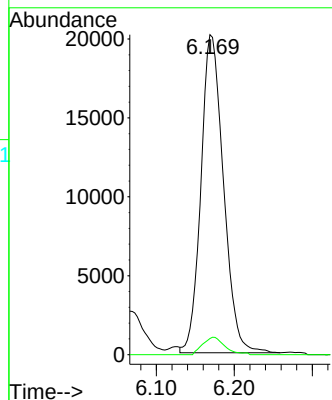
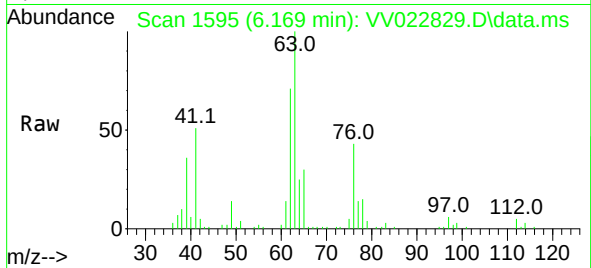




#37
1,2-Dichloropropane
Concen: 5.292 ug/L
RT: 6.169 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VV022829.D
Acq: 15 Oct 2021 11:52

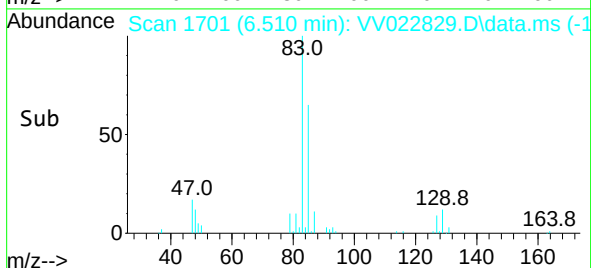
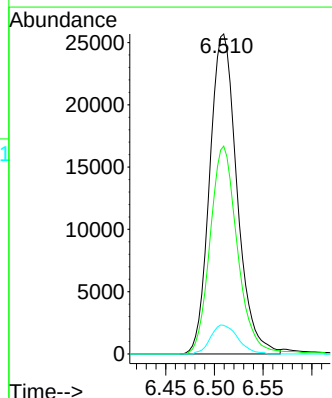
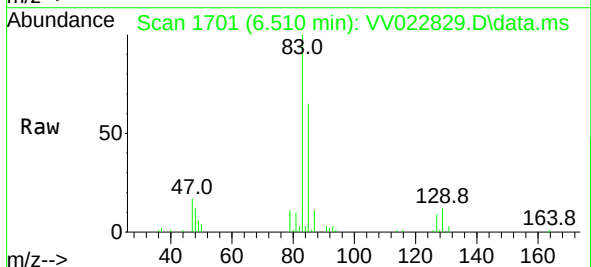
Instrument :
MSVOA_V
ClientSampled :

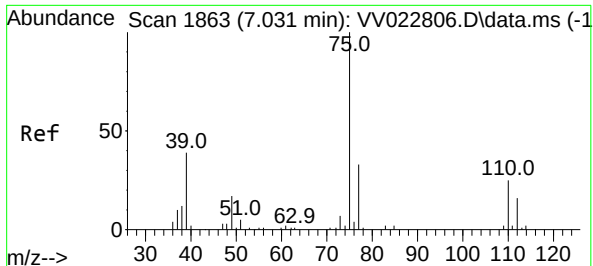
Tgt Ion: 63 Resp: 40591
Ion Ratio Lower Upper
63 100
112 5.4 4.4 6.6



#38
Bromodichloromethane
Concen: 5.296 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VV022829.D
Acq: 15 Oct 2021 11:52

Tgt Ion: 83 Resp: 50056
Ion Ratio Lower Upper
83 100
85 64.9 44.3 82.3
127 8.9 7.7 11.5

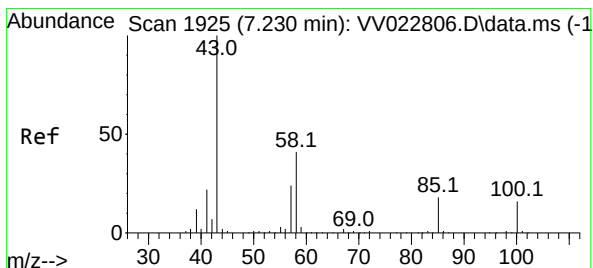
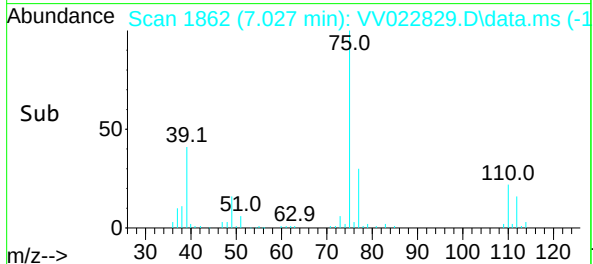
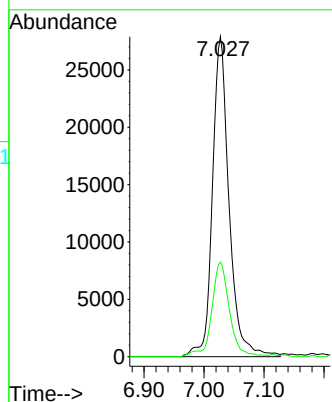
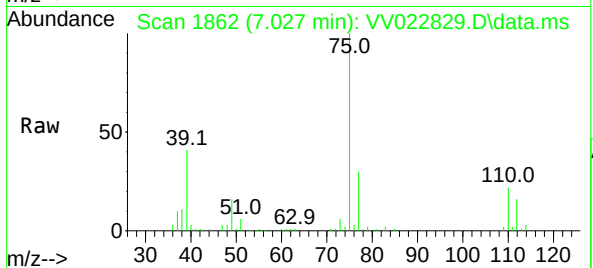




#39
 cis-1,3-Dichloropropene
 Concen: 5.290 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. -0.003 min
 Lab File: VV022829.D
 Acq: 15 Oct 2021 11:52

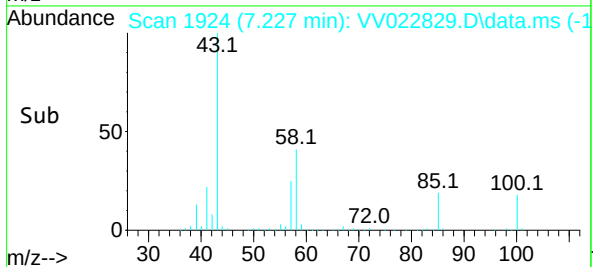
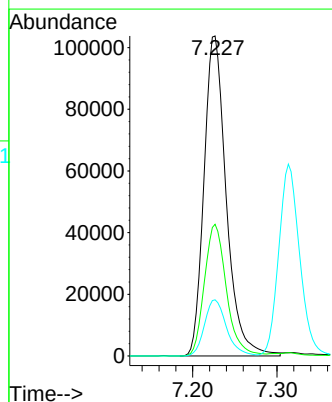
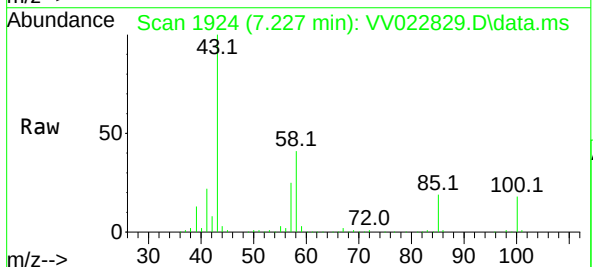
Instrument :
 MSVOA_V
 ClientSampled :

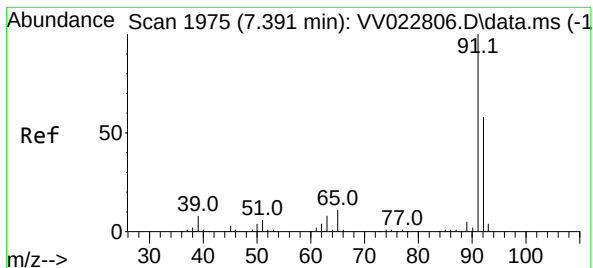
Tgt Ion: 75 Resp: 53708
 Ion Ratio Lower Upper
 75 100
 77 29.6 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 46.373 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. -0.003 min
 Lab File: VV022829.D
 Acq: 15 Oct 2021 11:52

Tgt Ion: 43 Resp: 191117
 Ion Ratio Lower Upper
 43 100
 58 40.7 32.0 48.0
 100 17.4 14.2 21.2





#42

Toluene

Concen: 5.596 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.006 min

Lab File: VV022829.D

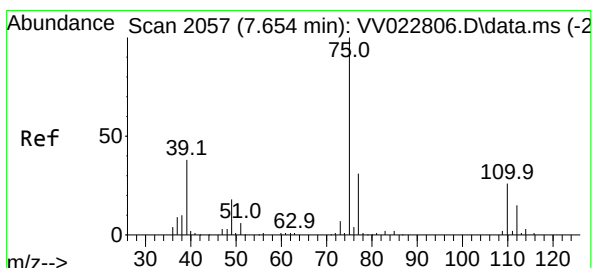
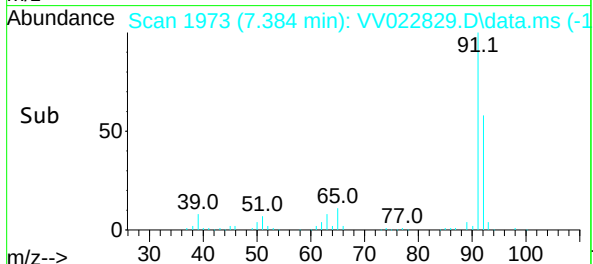
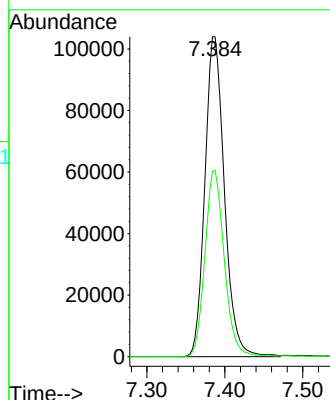
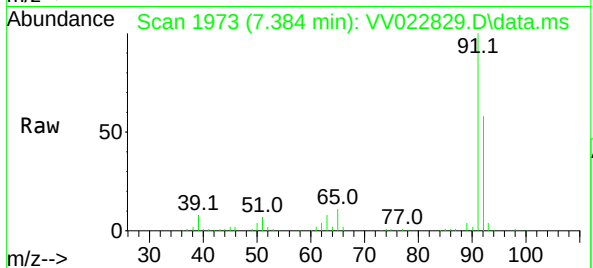
Acq: 15 Oct 2021 11:52

Tgt Ion: 91 Resp: 181189

Ion Ratio Lower Upper

91 100

92 57.9 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 5.526 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.003 min

Lab File: VV022829.D

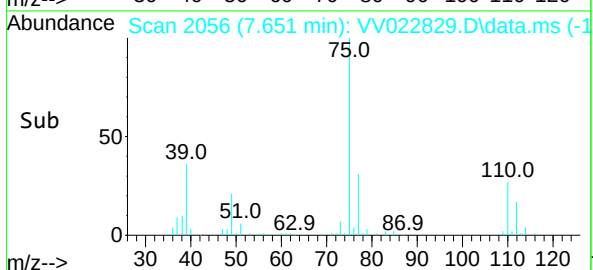
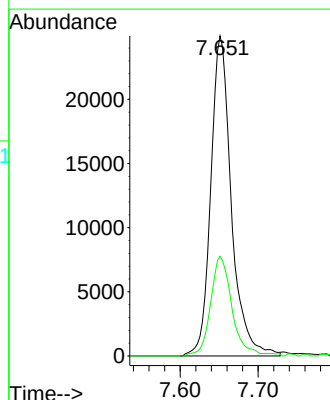
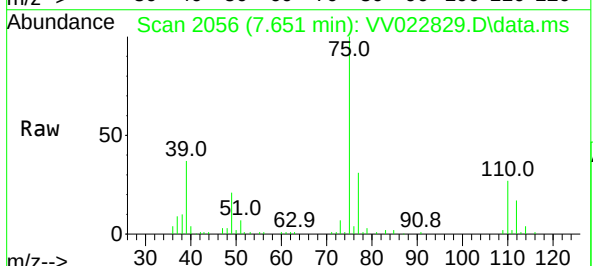
Acq: 15 Oct 2021 11:52

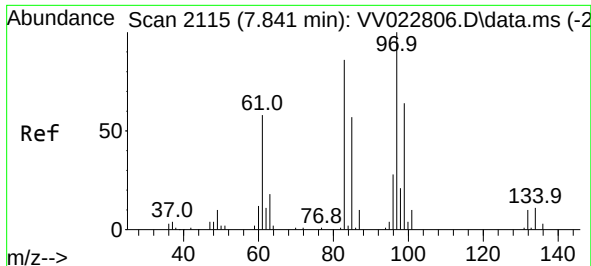
Tgt Ion: 75 Resp: 45739

Ion Ratio Lower Upper

75 100

77 31.2 23.9 44.5





#45

1,1,2-Trichloroethane

Concen: 5.017 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. -0.003 min

Lab File: VV022829.D

Acq: 15 Oct 2021 11:52

Tgt Ion: 97 Resp: 28557

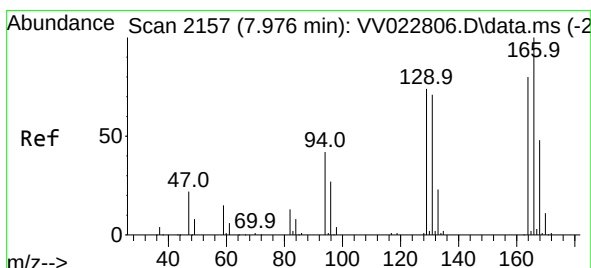
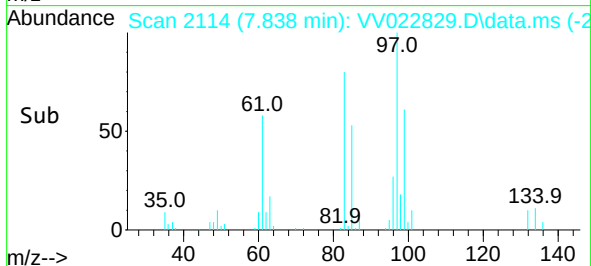
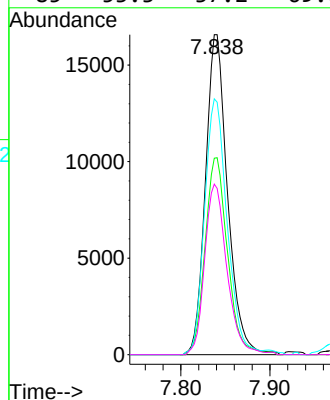
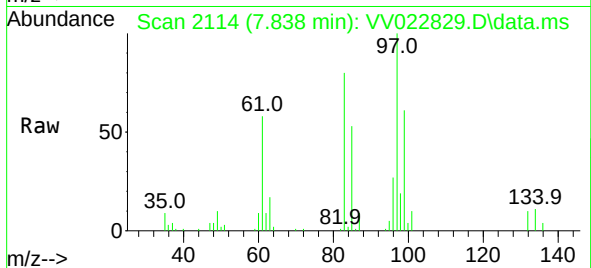
Ion Ratio Lower Upper

97 100

99 61.4 44.5 82.7

83 80.0 56.6 105.0

85 53.3 37.2 69.0



#47

Tetrachloroethene

Concen: 5.379 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV022829.D

Acq: 15 Oct 2021 11:52

Tgt Ion: 164 Resp: 37729

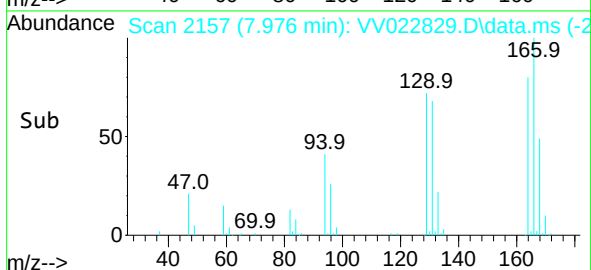
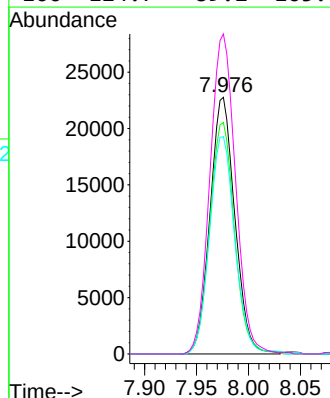
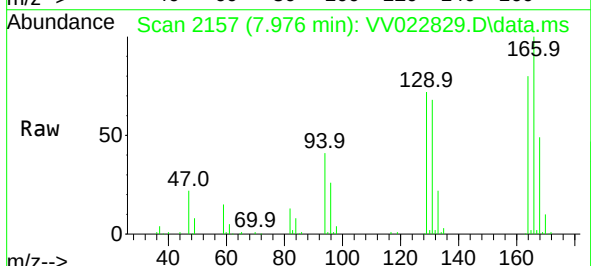
Ion Ratio Lower Upper

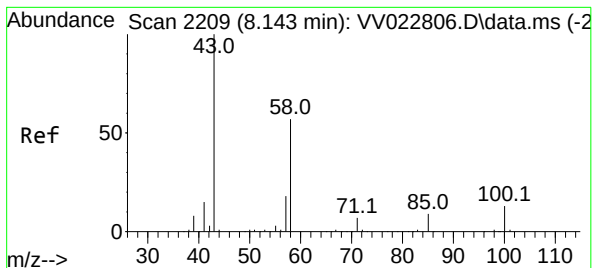
164 100

129 90.2 65.0 120.6

131 84.7 62.2 115.4

166 124.7 89.2 165.8





#48

2-Hexanone

Concen: 46.818 ug/L

RT: 8.140 min Scan# 2208

Delta R.T. -0.003 min

Lab File: VV022829.D

Acq: 15 Oct 2021 11:52

Tgt Ion: 43 Resp: 141078

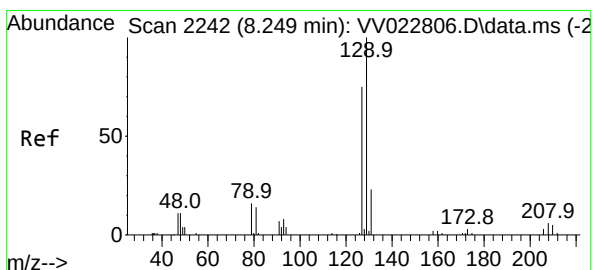
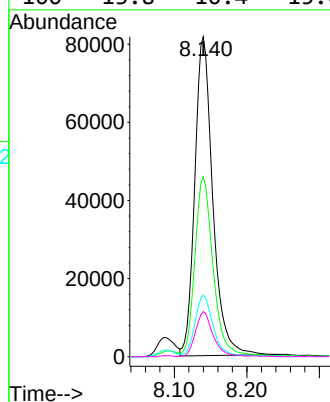
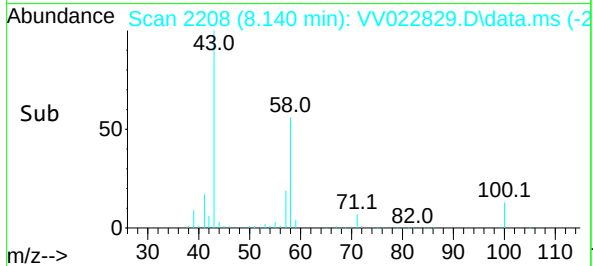
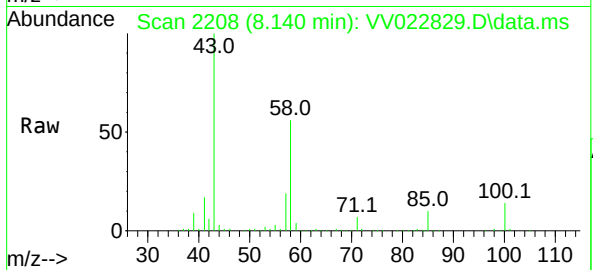
Ion Ratio Lower Upper

43 100

58 56.6 47.4 71.0

57 19.4 15.3 22.9

100 13.8 10.4 15.6



#49

Dibromochloromethane

Concen: 5.165 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. -0.003 min

Lab File: VV022829.D

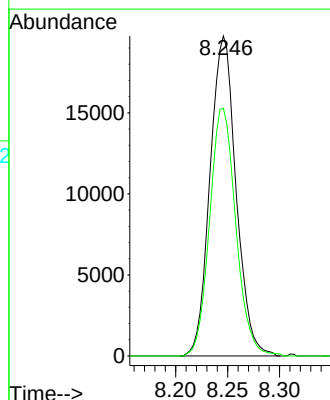
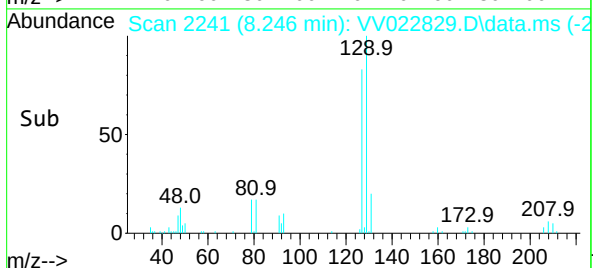
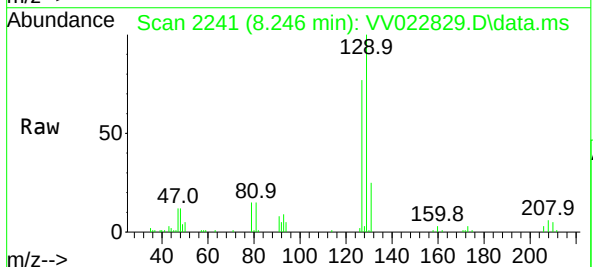
Acq: 15 Oct 2021 11:52

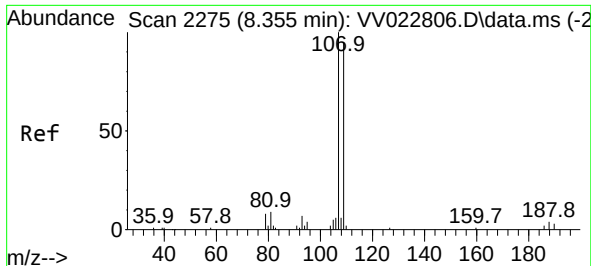
Tgt Ion: 129 Resp: 34416

Ion Ratio Lower Upper

129 100

127 77.5 59.1 109.9

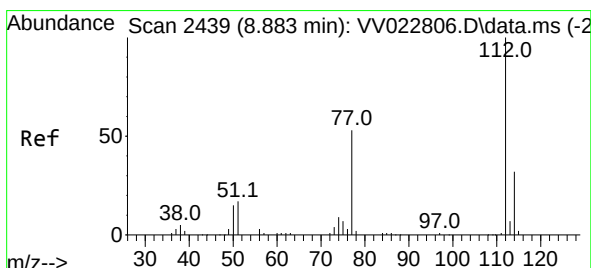
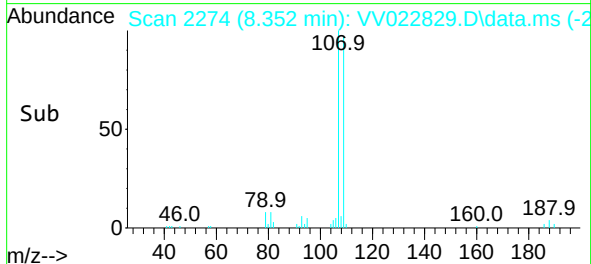
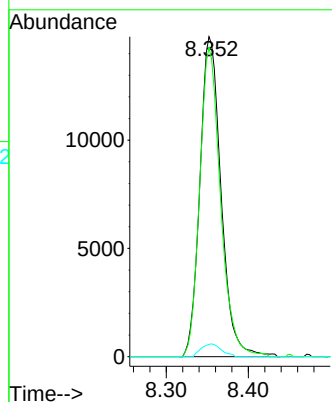
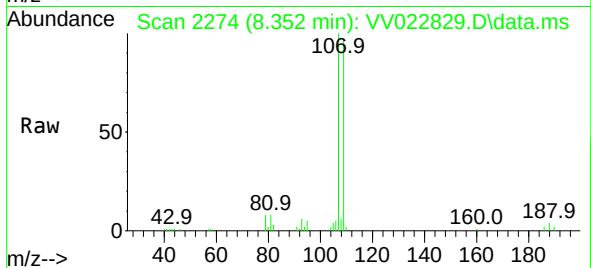




#50
1,2-Dibromoethane
Concen: 4.981 ug/L
RT: 8.352 min Scan# 2274
Delta R.T. -0.003 min
Lab File: VV022829.D
Acq: 15 Oct 2021 11:52

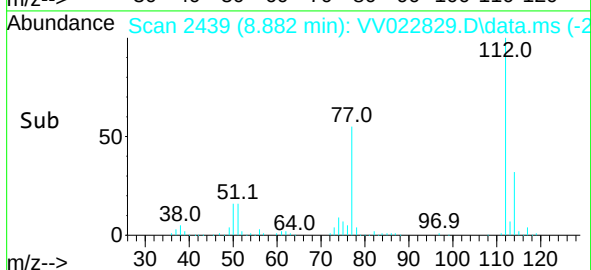
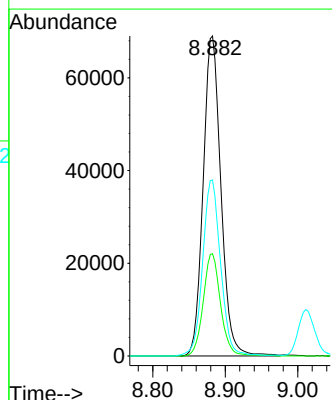
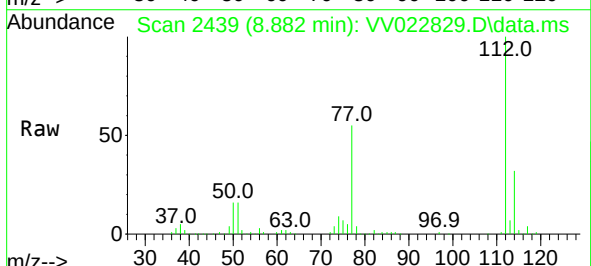
Instrument :
MSVOA_V
ClientSampleId :

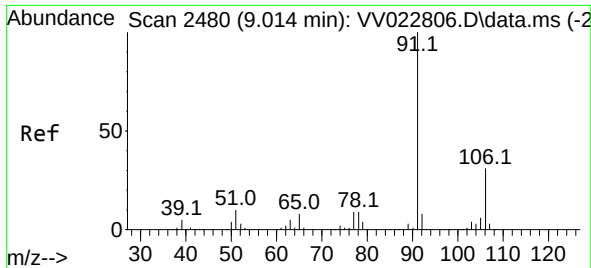
Tgt Ion:107 Resp: 26474
Ion Ratio Lower Upper
107 100
109 96.6 67.1 124.5
188 3.8 3.4 5.0



#51
Chlorobenzene
Concen: 5.531 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV022829.D
Acq: 15 Oct 2021 11:52

Tgt Ion:112 Resp: 117656
Ion Ratio Lower Upper
112 100
114 32.0 21.6 40.2
77 55.0 43.7 65.5

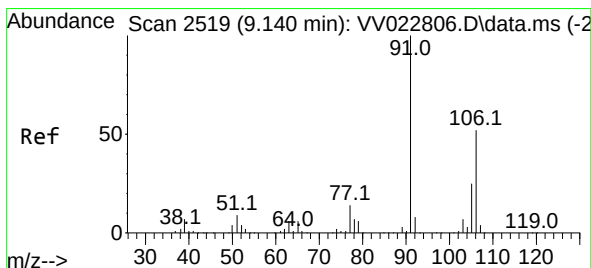
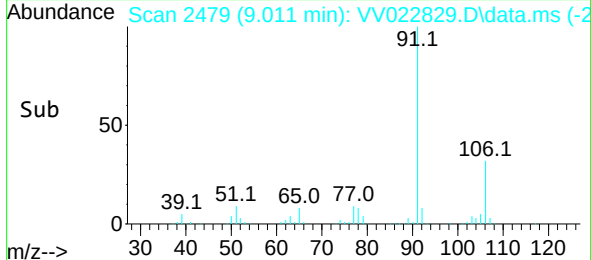
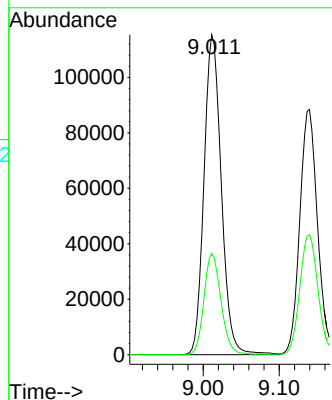
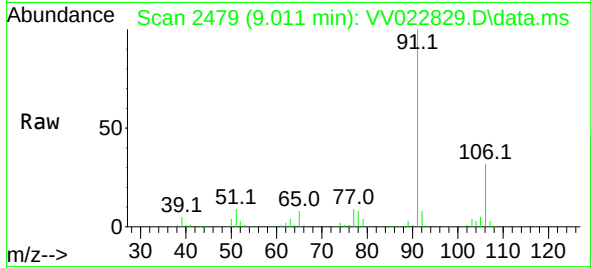




#52
Ethylbenzene
Concen: 5.553 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VV022829.D
Acq: 15 Oct 2021 11:52

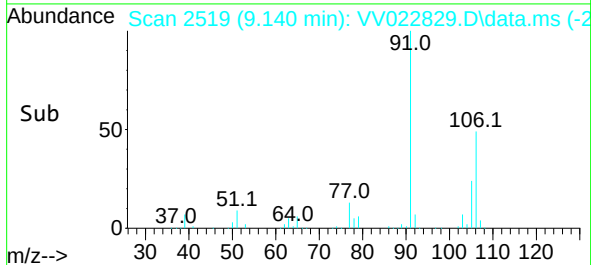
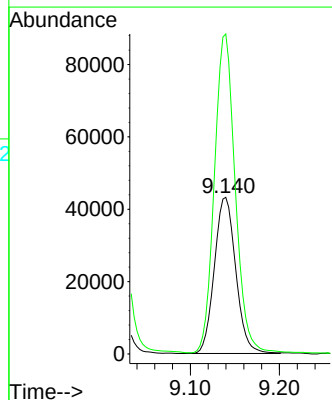
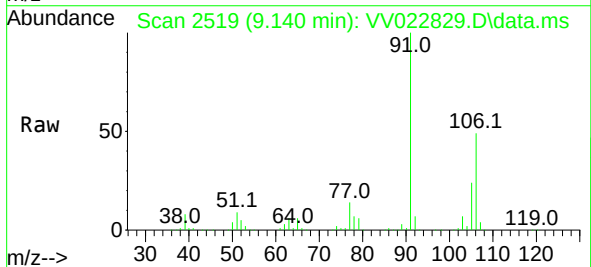
Instrument :
MSVOA_V
ClientSampled :

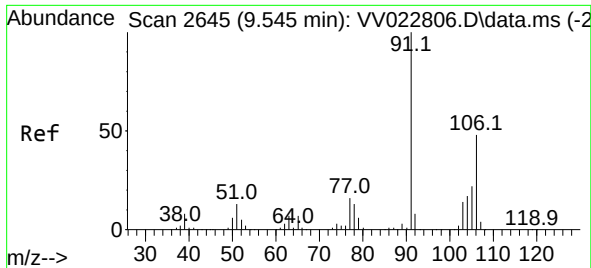
Tgt Ion: 91 Resp: 182529
Ion Ratio Lower Upper
91 100
106 31.6 21.6 40.2



#53
m,p-xylene
Concen: 5.585 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV022829.D
Acq: 15 Oct 2021 11:52

Tgt Ion: 106 Resp: 72048
Ion Ratio Lower Upper
106 100
91 204.3 138.7 257.5

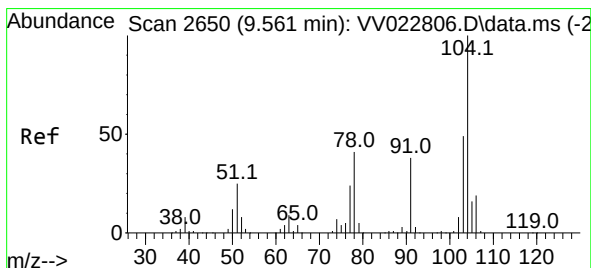
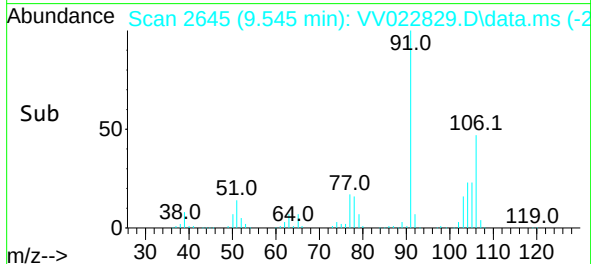
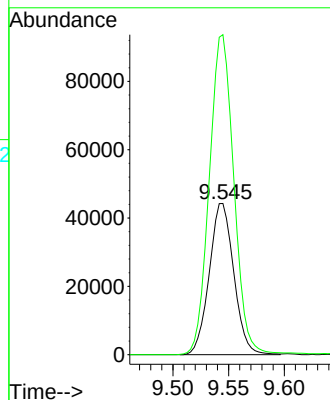
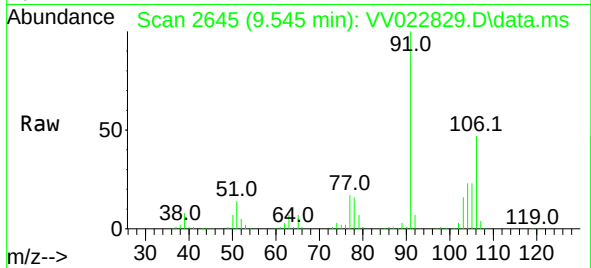




#54
o-xylene
Concen: 5.588 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022829.D
Acq: 15 Oct 2021 11:52

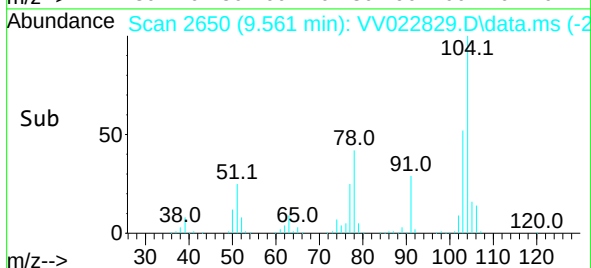
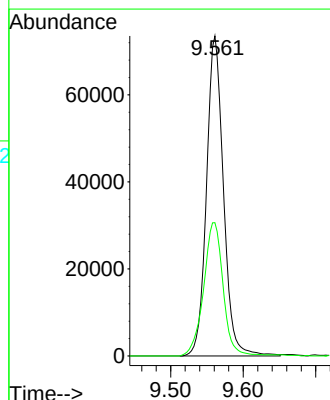
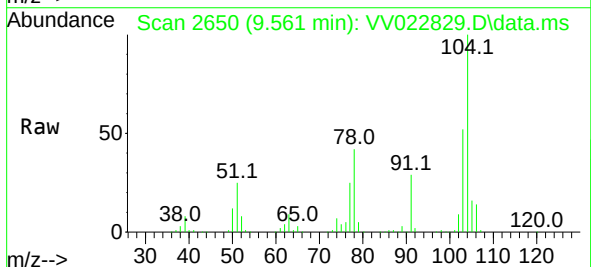
Instrument :
MSVOA_V
ClientSampled :

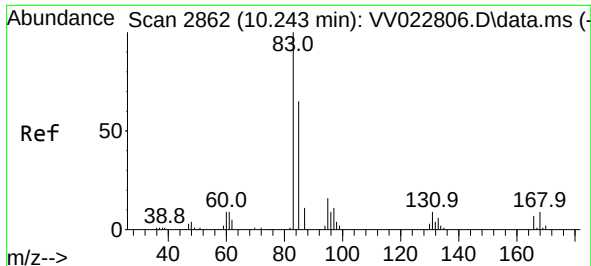
Tgt Ion:106 Resp: 67819
Ion Ratio Lower Upper
106 100
91 211.7 151.1 280.7



#55
Styrene
Concen: 5.725 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV022829.D
Acq: 15 Oct 2021 11:52

Tgt Ion:104 Resp: 119709
Ion Ratio Lower Upper
104 100
78 41.7 29.5 54.7

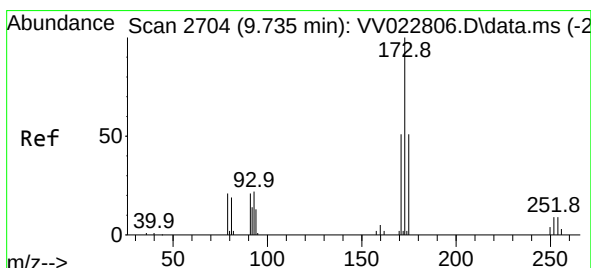
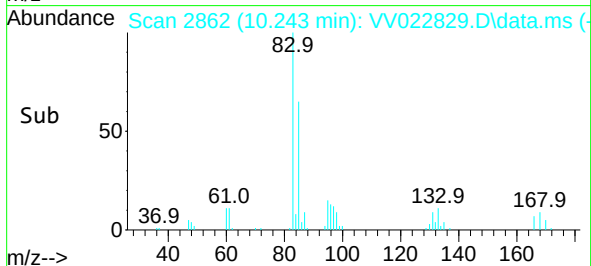
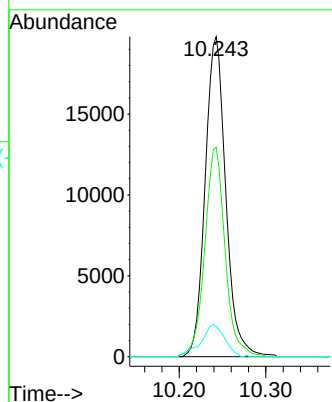
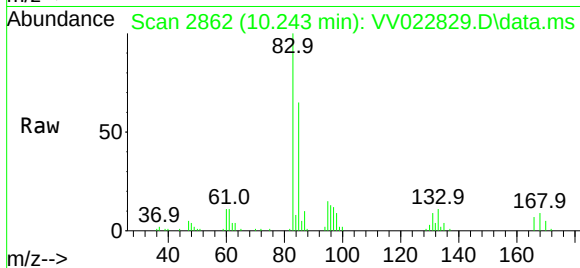




#57
1,1,2,2-Tetrachloroethane
Concen: 5.669 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV022829.D
Acq: 15 Oct 2021 11:52

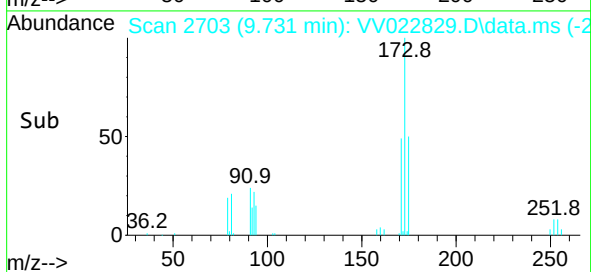
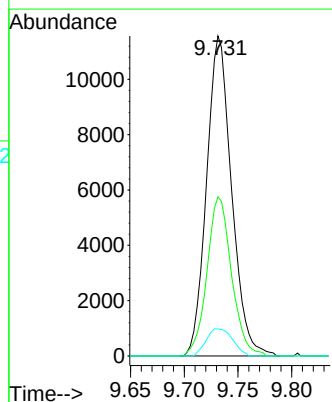
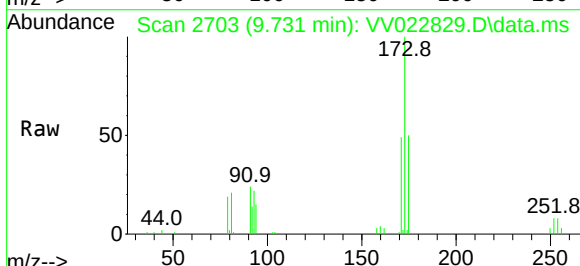
Instrument :
MSVOA_V
ClientSampleId :

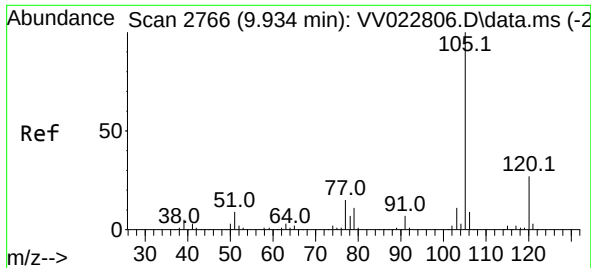
Tgt Ion:	83	Resp:	32641
Ion	Ratio	Lower	Upper
83	100		
85	65.4	46.0	85.4
131	9.4	8.4	12.6



#59
Bromoform
Concen: 4.946 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.003 min
Lab File: VV022829.D
Acq: 15 Oct 2021 11:52

Tgt Ion:	173	Resp:	18704
Ion	Ratio	Lower	Upper
173	100		
175	48.8	38.3	57.5
254	9.0	7.1	10.7

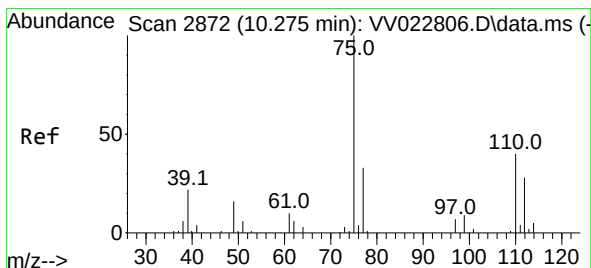
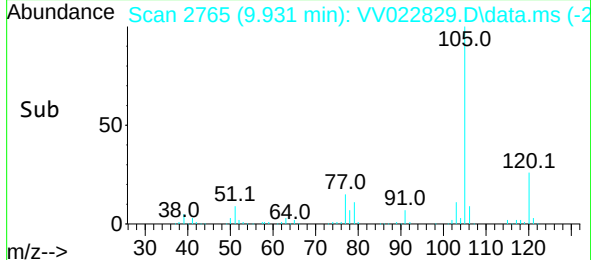
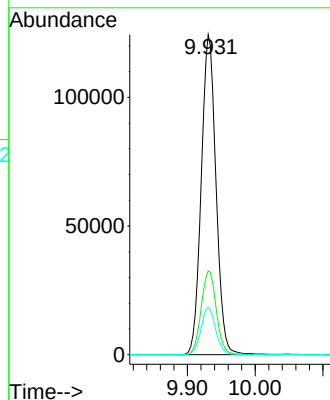
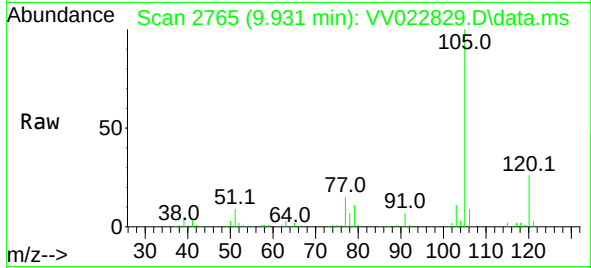




#60
Isopropylbenzene
Concen: 5.467 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.003 min
Lab File: VV022829.D
Acq: 15 Oct 2021 11:52

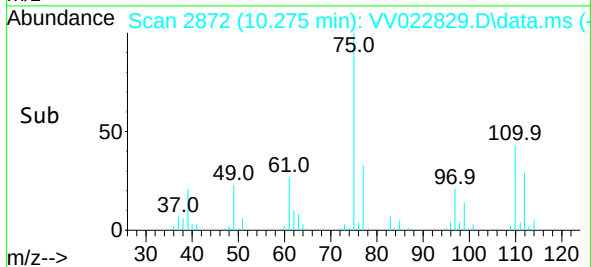
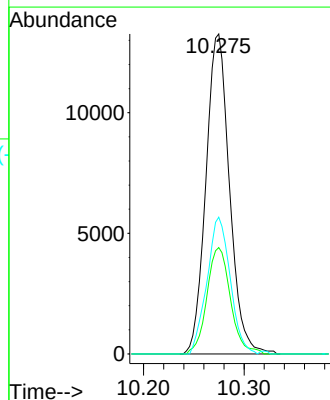
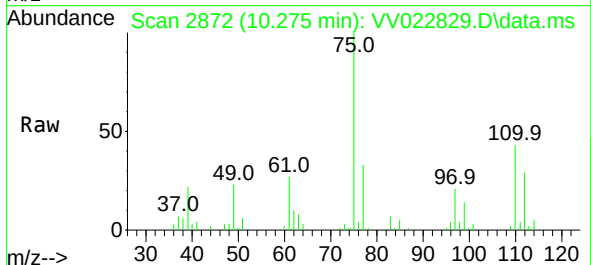
Instrument :
MSVOA_V
ClientSampled :

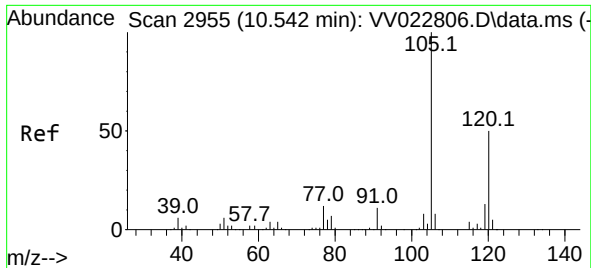
Tgt Ion:105 Resp: 187459
Ion Ratio Lower Upper
105 100
120 26.9 21.8 32.8
77 14.8 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 4.613 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV022829.D
Acq: 15 Oct 2021 11:52

Tgt Ion: 75 Resp: 21636
Ion Ratio Lower Upper
75 100
77 33.2 25.4 38.2
110 42.1 34.2 51.4

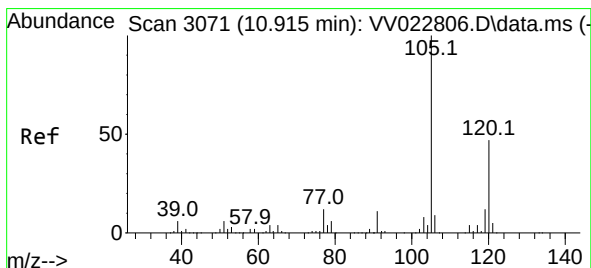
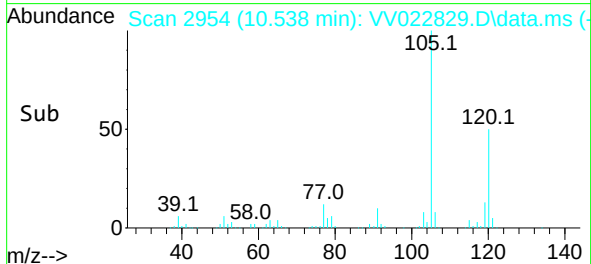
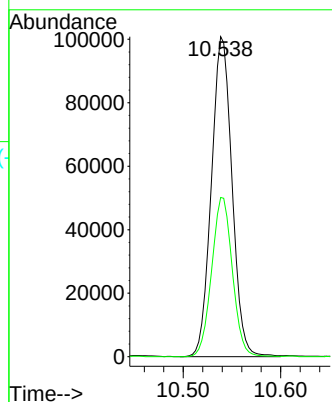
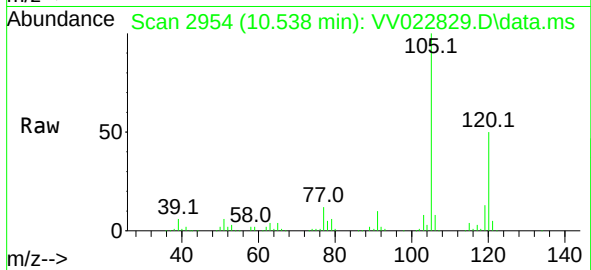




#62
 1,3,5-Trimethylbenzene
 Concen: 5.353 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.003 min
 Lab File: VV022829.D
 Acq: 15 Oct 2021 11:52

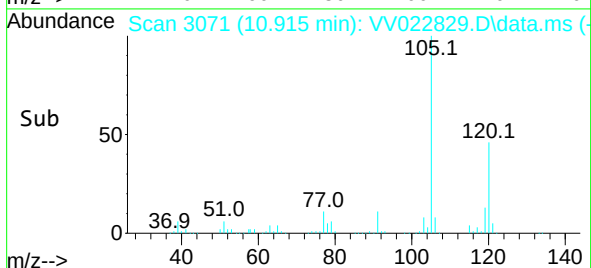
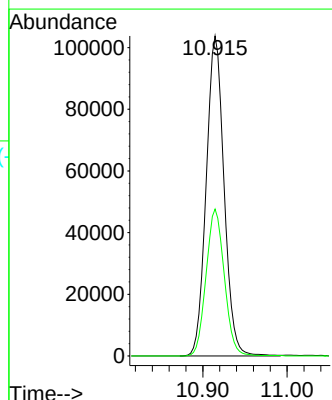
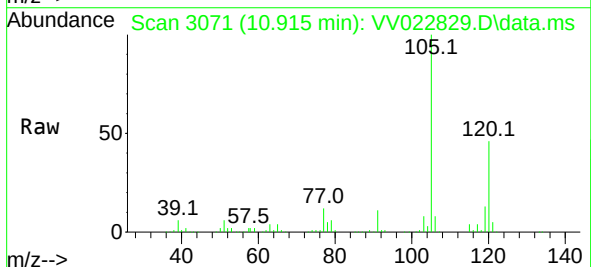
Instrument :
 MSVOA_V
 ClientSampled :

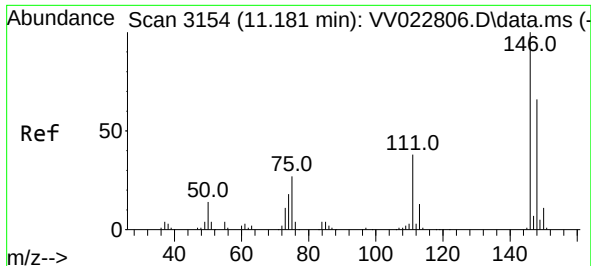
Tgt Ion:105 Resp: 148303
 Ion Ratio Lower Upper
 105 100
 120 50.0 39.4 59.2



#63
 1,2,4-Trimethylbenzene
 Concen: 5.518 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. -0.000 min
 Lab File: VV022829.D
 Acq: 15 Oct 2021 11:52

Tgt Ion:105 Resp: 152993
 Ion Ratio Lower Upper
 105 100
 120 46.9 37.3 55.9

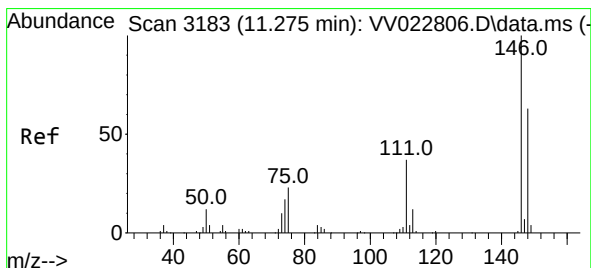
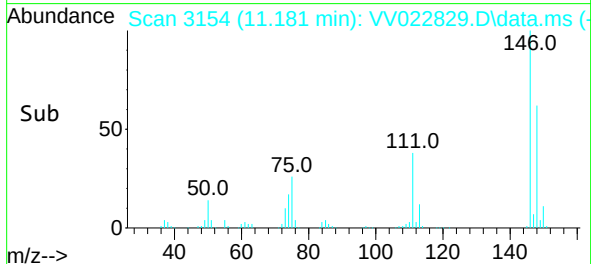
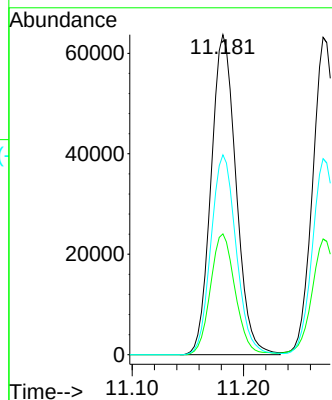
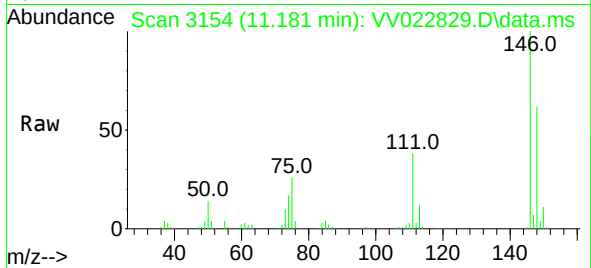




#64
1,3-Dichlorobenzene
Concen: 5.521 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV022829.D
Acq: 15 Oct 2021 11:52

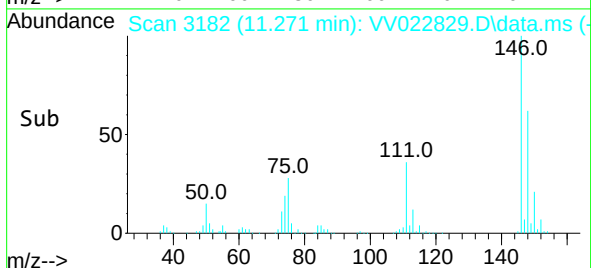
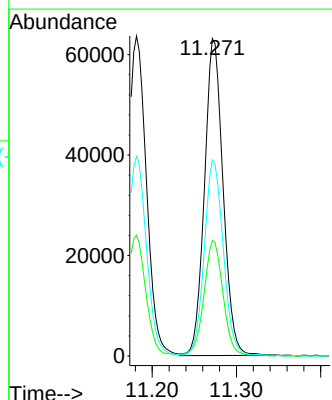
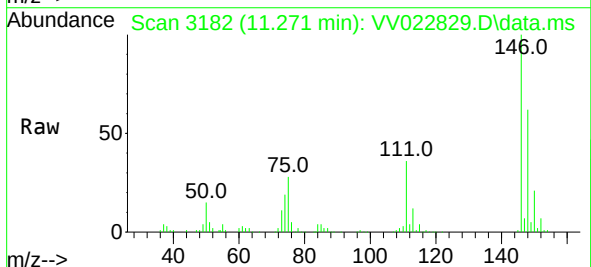
Instrument :
MSVOA_V
ClientSampled :

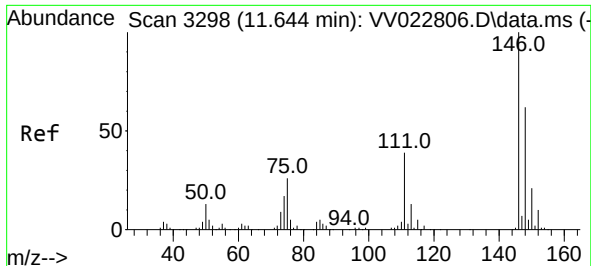
Tgt Ion:146 Resp: 99361
Ion Ratio Lower Upper
146 100
111 37.8 26.7 49.5
148 62.4 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 5.315 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.003 min
Lab File: VV022829.D
Acq: 15 Oct 2021 11:52

Tgt Ion:146 Resp: 97117
Ion Ratio Lower Upper
146 100
111 36.4 25.6 47.4
148 61.8 44.9 83.5

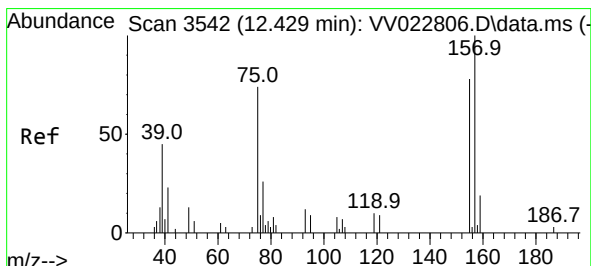
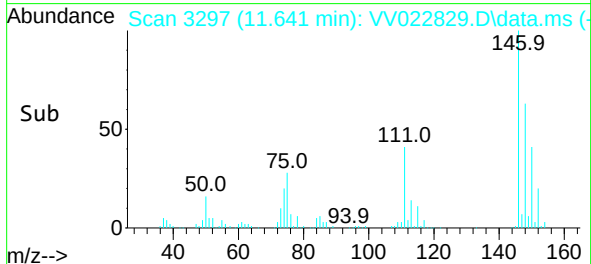
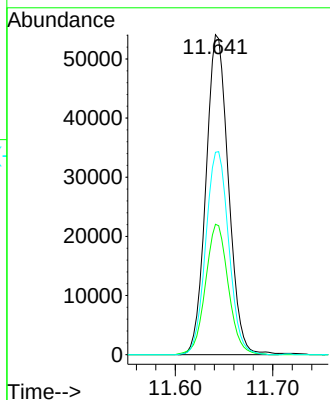
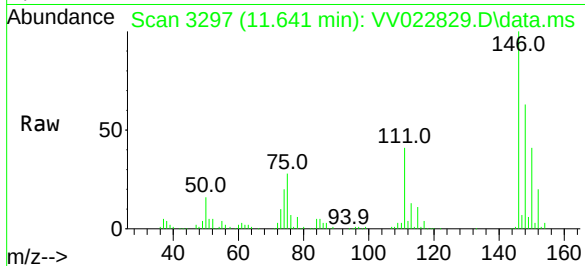




#67
1,2-Dichlorobenzene
Concen: 5.135 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.003 min
Lab File: VV022829.D
Acq: 15 Oct 2021 11:52

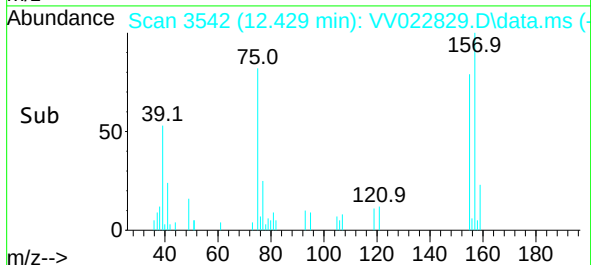
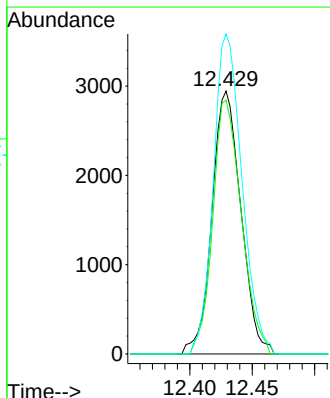
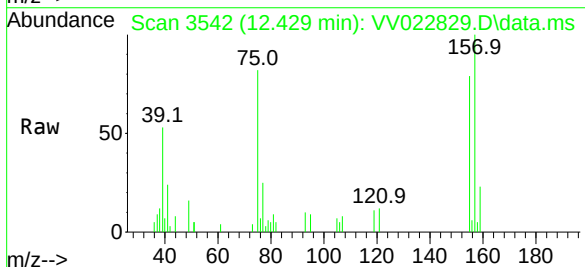
Instrument :
MSVOA_V
ClientSampleId :

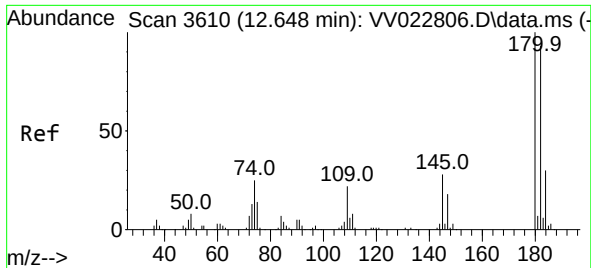
Tgt Ion:146 Resp: 86692
Ion Ratio Lower Upper
146 100
111 40.8 32.3 48.5
148 63.3 52.1 78.1



#68
1,2-Dibromo-3-chloropropane
Concen: 5.577 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV022829.D
Acq: 15 Oct 2021 11:52

Tgt Ion: 75 Resp: 4761
Ion Ratio Lower Upper
75 100
155 96.6 82.4 123.6
157 121.7 114.1 171.1

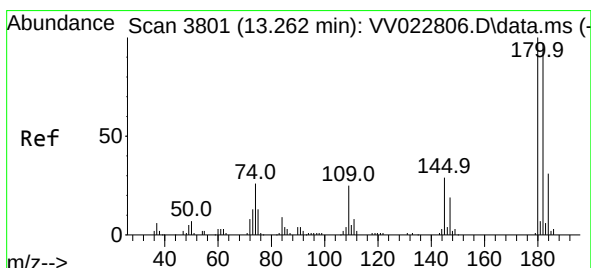
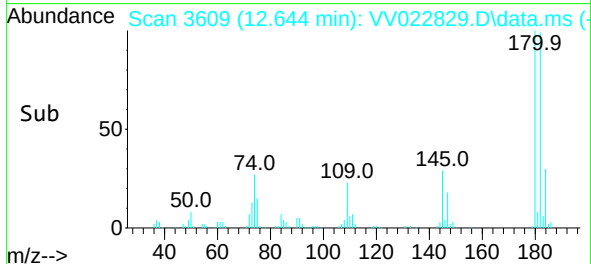
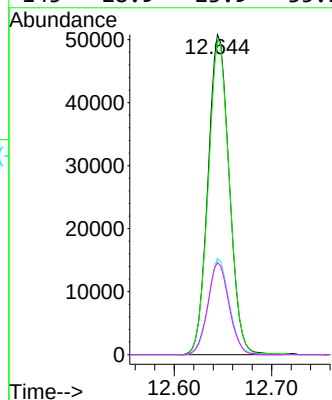
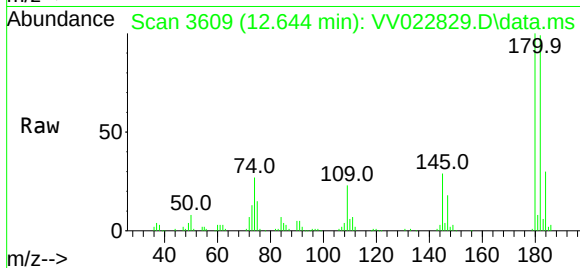




#69
1,3,5-Trichlorobenzene
Concen: 5.670 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.003 min
Lab File: VV022829.D
Acq: 15 Oct 2021 11:52

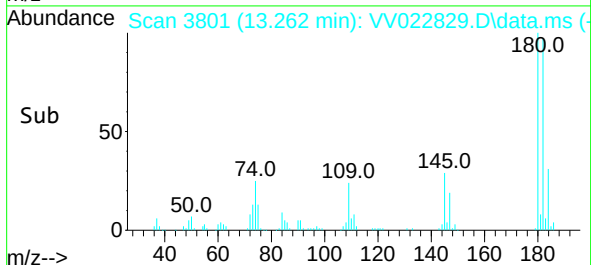
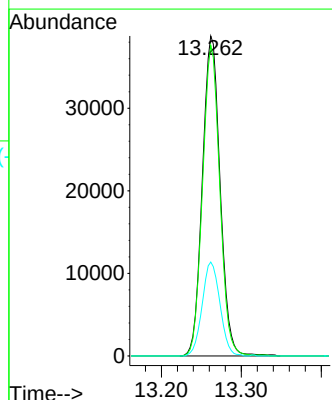
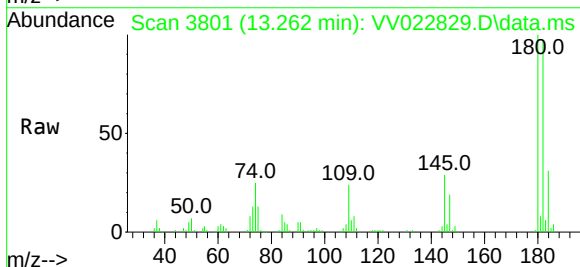
Instrument :
MSVOA_V
ClientSampleId :

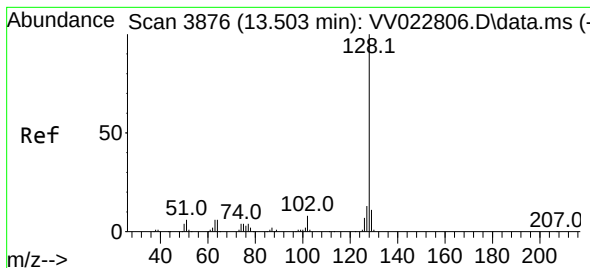
Tgt Ion:180 Resp: 76874
Ion Ratio Lower Upper
180 100
182 97.8 77.0 115.6
184 29.6 24.5 36.7
145 28.9 23.9 35.9



#70
1,2,4-trichlorobenzene
Concen: 5.784 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV022829.D
Acq: 15 Oct 2021 11:52

Tgt Ion:180 Resp: 59900
Ion Ratio Lower Upper
180 100
182 94.1 76.0 114.0
145 29.4 24.1 36.1

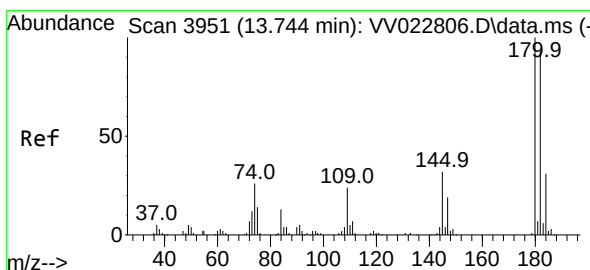
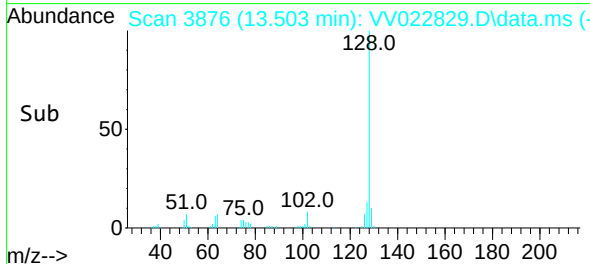
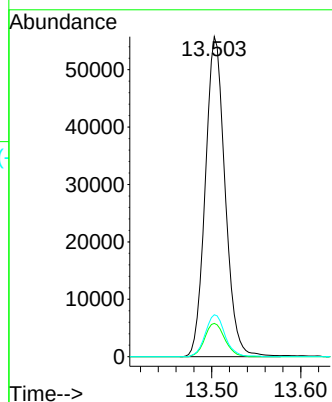
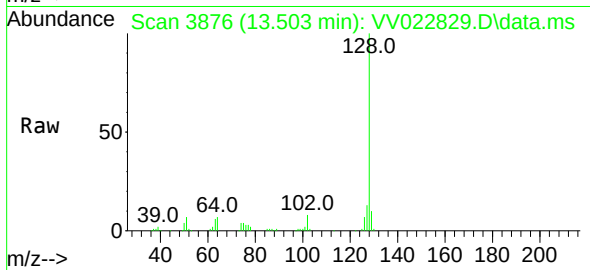




#71
Naphthalene
Concen: 5.213 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV022829.D
Acq: 15 Oct 2021 11:52

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 85809
Ion Ratio Lower Upper
128 100
129 10.6 9.3 13.9
127 13.1 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 5.622 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV022829.D
Acq: 15 Oct 2021 11:52

Tgt Ion:180 Resp: 54898
Ion Ratio Lower Upper
180 100
182 94.3 75.5 113.3
145 31.4 24.7 37.1

