

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101321\
 Data File : VW022773.D
 Acq On : 13 Oct 2021 20:13
 Operator : SY/MD
 Sample : M4167-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 14 02:17:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 14 02:12:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	117943	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	119280	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55015	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33182	4.089	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	81.800%	
7) Chloroethane-d5	1.568	69	34524	4.734	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.600%	
11) 1,1-Dichloroethene-d2	2.108	63	47952	3.012	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	60.200%	
20) 2-Butanone-d5	3.889	46	99905	46.955	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.900%	
24) Chloroform-d	4.352	84	84061	5.027	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.600%	
26) 1,2-Dichloroethane-d4	5.034	65	39770	4.900	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.000%	
32) Benzene-d6	5.053	84	154775	4.359	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.200%	
36) 1,2-Dichloropropane-d6	6.072	67	49912	4.746	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.000%	
41) Toluene-d8	7.317	98	128626	4.190	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.800%	
43) trans-1,3-Dichloroprop...	7.625	79	14894	4.270	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.400%	
46) 2-Hexanone-d5	8.091	63	82358	58.584	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	117.160%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37750	5.299	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	53143	5.210	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	615	0.071	ug/L	99
12) 1,1-Dichloroethene	2.105	96	473	0.066	ug/L #	1
13) Acetone	2.362	43	8604	7.252	ug/L	83
14) Carbon disulfide	2.297	76	1177	0.059	ug/L #	75
15) Methyl Acetate	2.362	43	8604	2.535	ug/L #	50
25) Chloroform	4.378	83	10551	0.652	ug/L	100
34) Trichloroethene	5.915	95	36293	4.154	ug/L	97
35) Methylcyclohexane	6.072	83	12020	0.982	ug/L #	16
37) 1,2-Dichloropropane	6.072	63	5766	0.746	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1113	0.109	ug/L #	58
42) Toluene	7.400	91	2878	0.088	ug/L	94
48) 2-Hexanone	8.088	43	9309	3.067	ug/L #	66
49) Dibromochloromethane	7.979	129	493	0.073	ug/L #	7
61) 1,2,3-Trichloropropane	11.249	75	5794	1.516	ug/L #	60
70) 1,2,4-trichlorobenzene	13.271	180	576	0.068	ug/L #	84
71) Naphthalene	13.512	128	1133	0.084	ug/L #	68
72) 1,2,3-Trichlorobenzene	13.750	180	701	0.088	ug/L #	75

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 14 02:12:50 2021
Response via : Initial Calibration

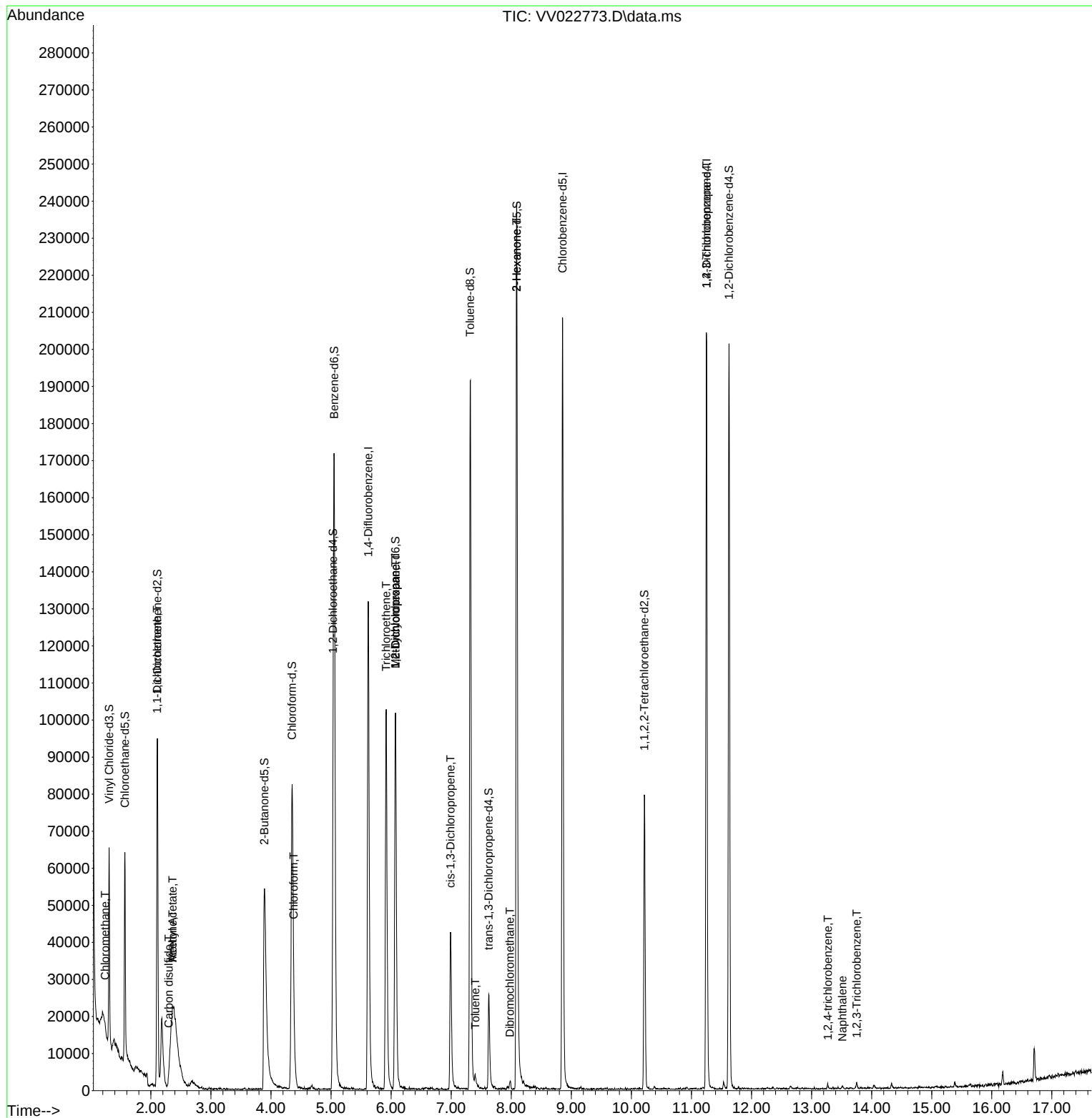
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

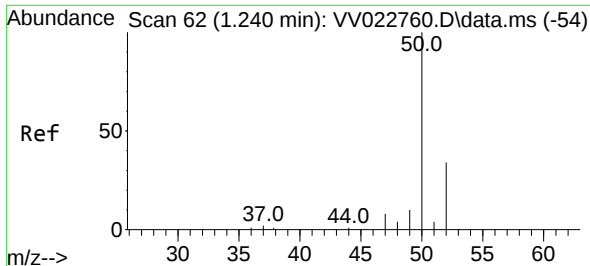
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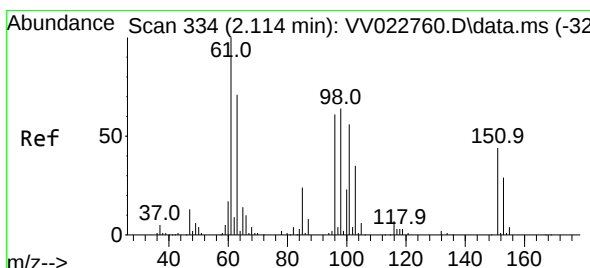
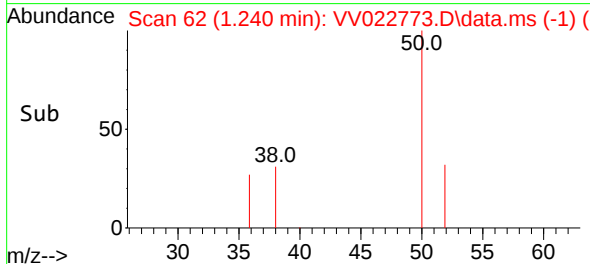
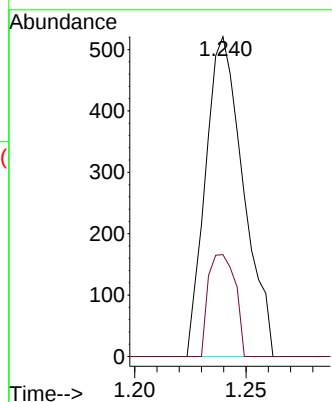
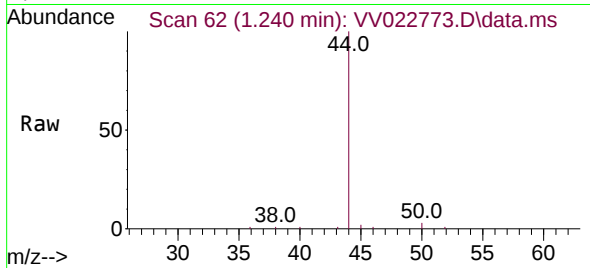




#3
Chloromethane
Concen: 0.071 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV022773.D
Acq: 13 Oct 2021 20:13

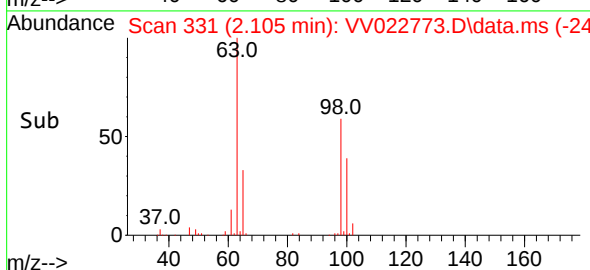
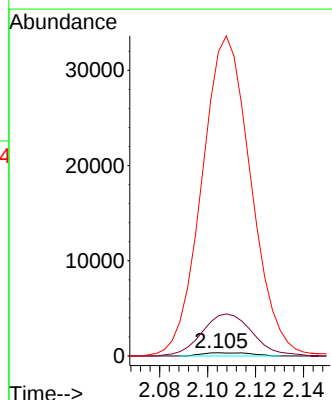
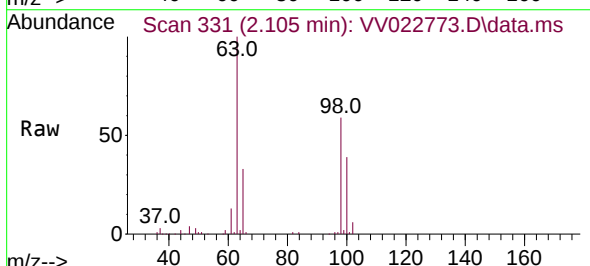
Instrument :
MSVOA_V
ClientSampled :

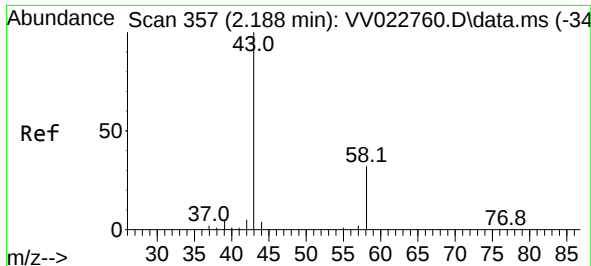
Tgt Ion: 50 Resp: 615
Ion Ratio Lower Upper
50 100
52 31.9 22.9 42.5



#12
1,1-Dichloroethene
Concen: 0.066 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.010 min
Lab File: VV022773.D
Acq: 13 Oct 2021 20:13

Tgt Ion: 96 Resp: 473
Ion Ratio Lower Upper
96 100
61 1246.4 127.3 236.5#
63 9455.6 106.2 197.2#

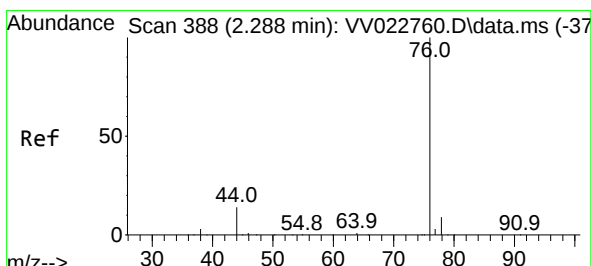
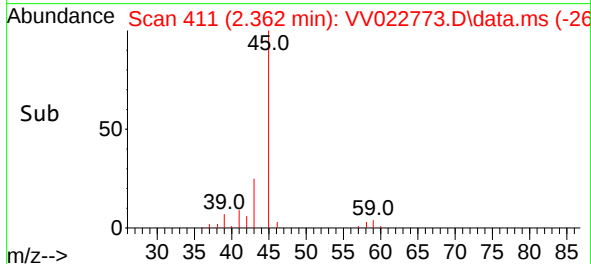
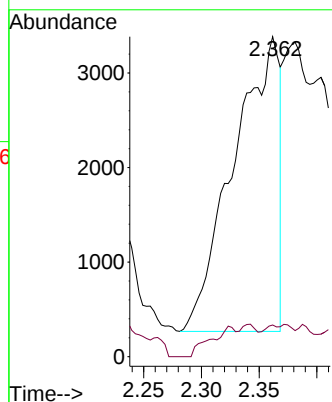
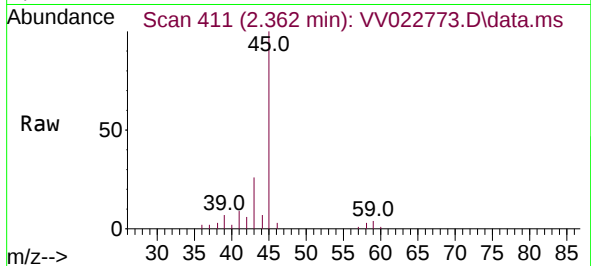




#13
Acetone
Concen: 7.252 ug/L
RT: 2.362 min Scan# 411
Delta R.T. 0.173 min
Lab File: VV022773.D
Acq: 13 Oct 2021 20:13

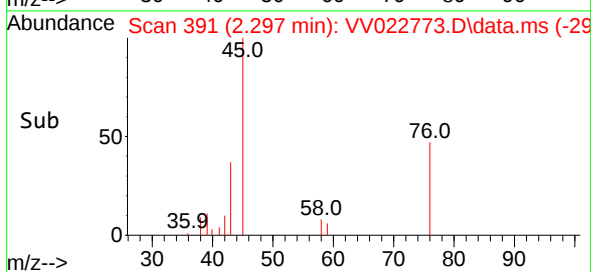
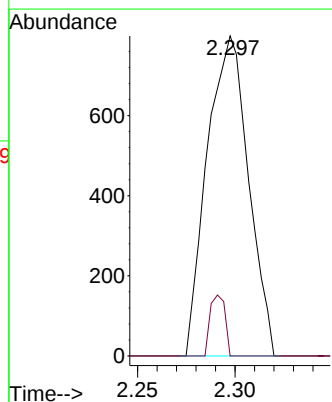
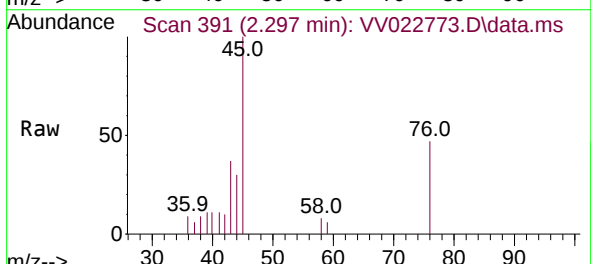
Instrument :
MSVOA_V
ClientSampled :

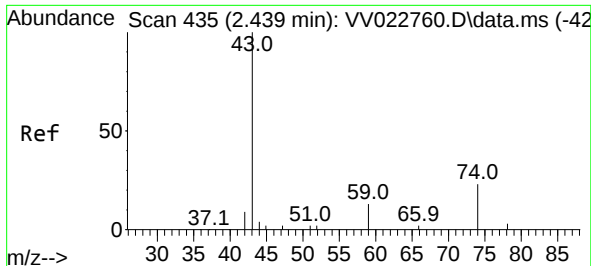
Tgt Ion: 43 Resp: 8604
Ion Ratio Lower Upper
43 100
58 5.5 0.0 24.2



#14
Carbon disulfide
Concen: 0.059 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.009 min
Lab File: VV022773.D
Acq: 13 Oct 2021 20:13

Tgt Ion: 76 Resp: 1177
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

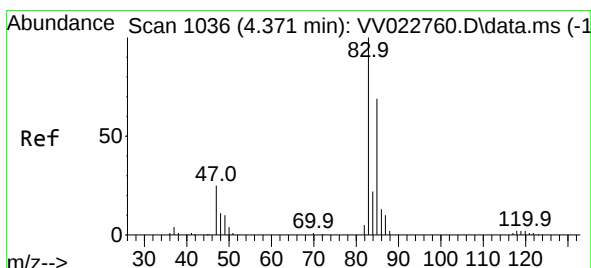
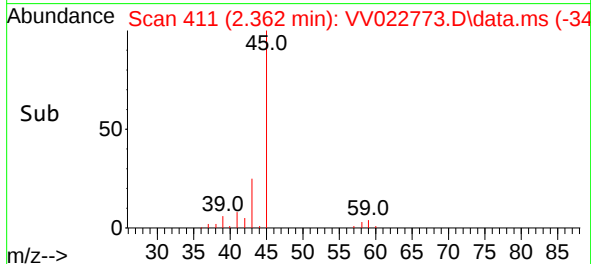
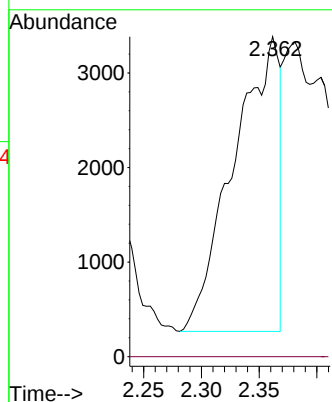
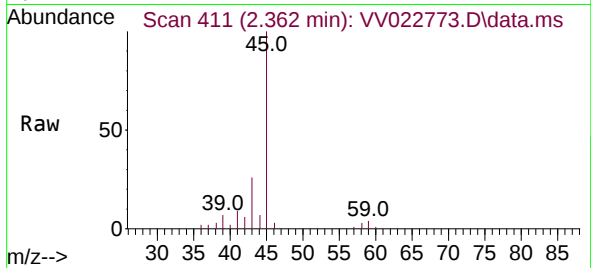




#15
Methyl Acetate
Concen: 2.535 ug/L
RT: 2.362 min Scan# 411
Delta R.T. -0.077 min
Lab File: VV022773.D
Acq: 13 Oct 2021 20:13

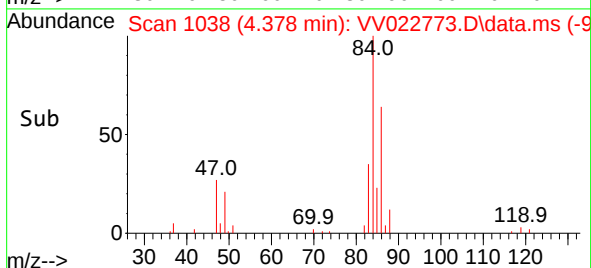
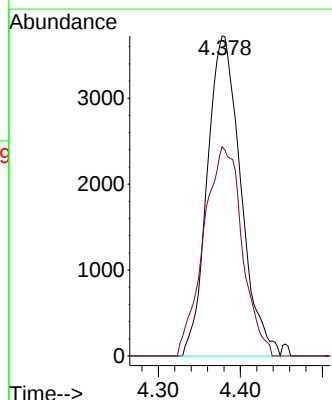
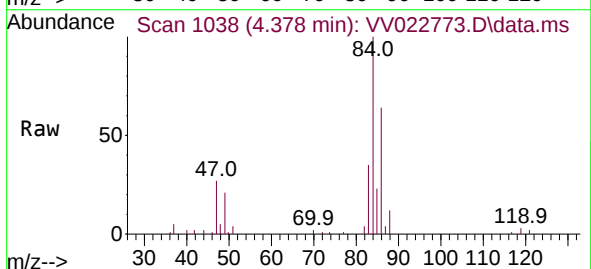
Instrument :
MSVOA_V
ClientSampleId :

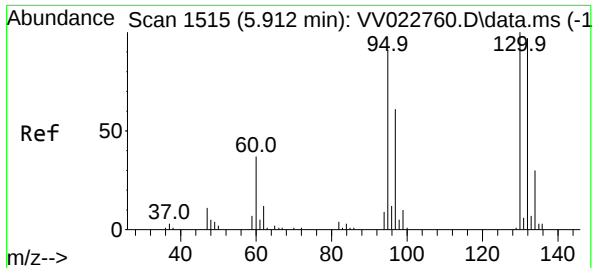
Tgt Ion: 43 Resp: 8604
Ion Ratio Lower Upper
43 100
74 0.0 19.9 29.9#



#25
Chloroform
Concen: 0.652 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV022773.D
Acq: 13 Oct 2021 20:13

Tgt Ion: 83 Resp: 10551
Ion Ratio Lower Upper
83 100
85 65.4 45.7 84.9

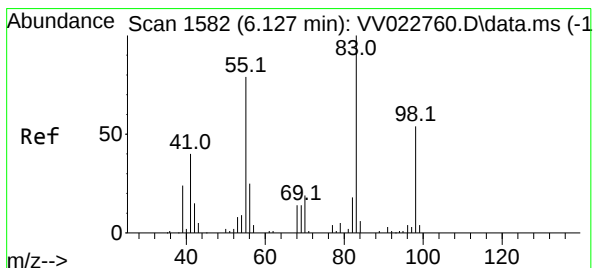
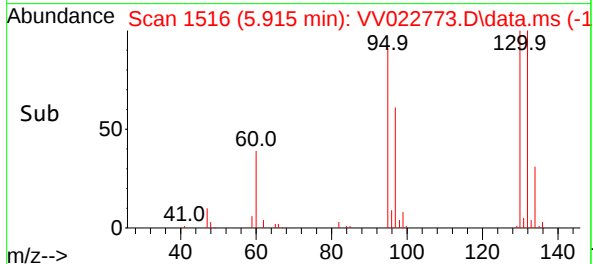
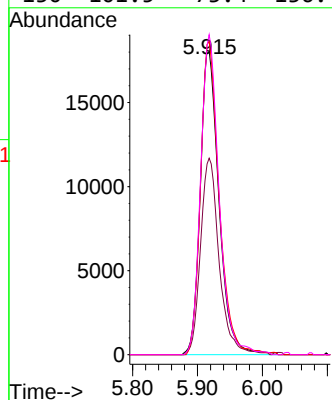
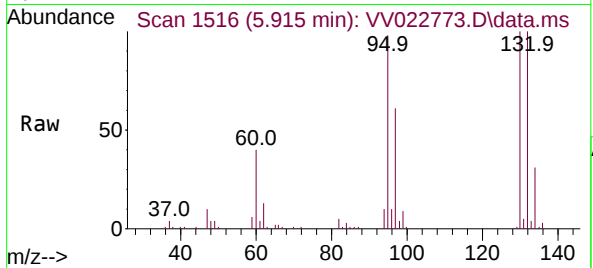




#34
Trichloroethene
Concen: 4.154 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV022773.D
Acq: 13 Oct 2021 20:13

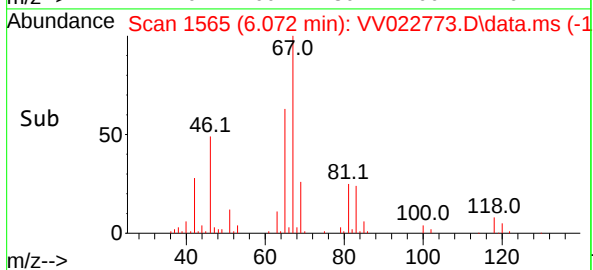
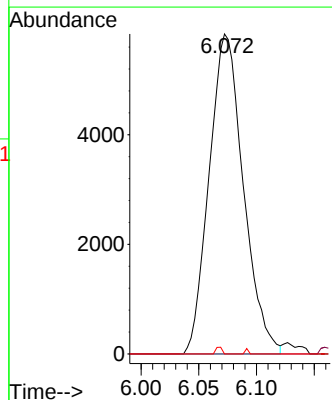
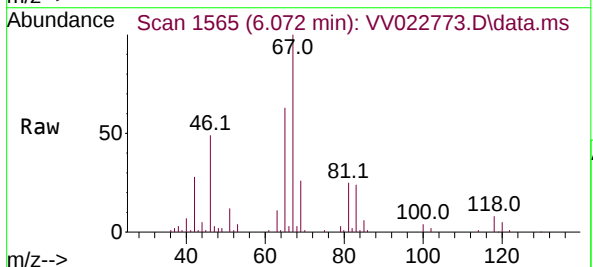
Instrument :
MSVOA_V
ClientSampled :

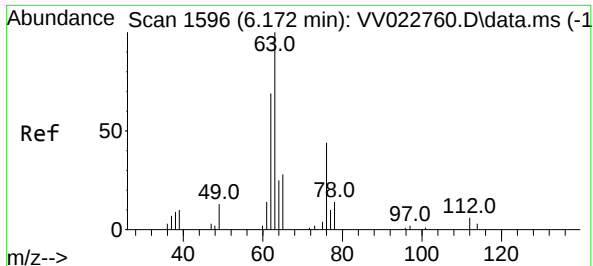
Tgt Ion: 95 Resp: 36293
Ion Ratio Lower Upper
95 100
97 62.6 45.8 85.2
132 101.9 72.2 134.0
130 101.5 73.4 136.4



#35
Methylcyclohexane
Concen: 0.982 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV022773.D
Acq: 13 Oct 2021 20:13

Tgt Ion: 83 Resp: 12020
Ion Ratio Lower Upper
83 100
55 0.5 63.8 95.6#
98 0.4 42.1 63.1#

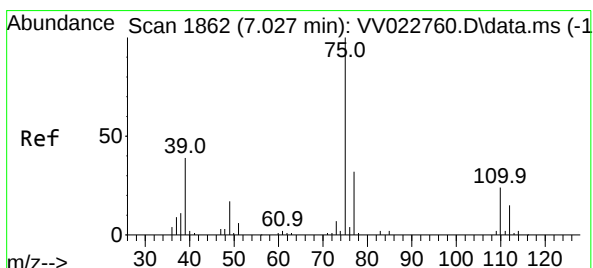
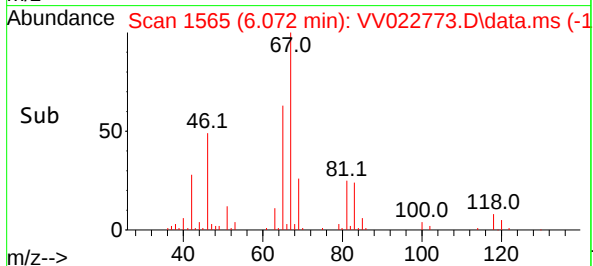
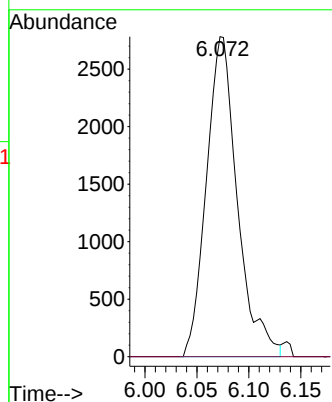
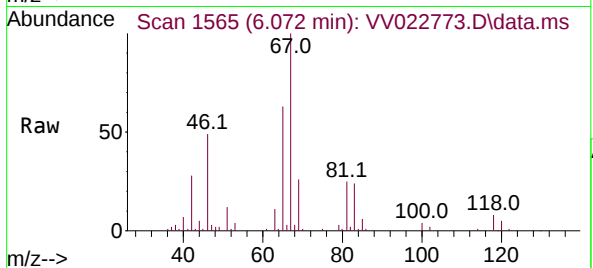




#37
1,2-Dichloropropane
Concen: 0.746 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022773.D
Acq: 13 Oct 2021 20:13

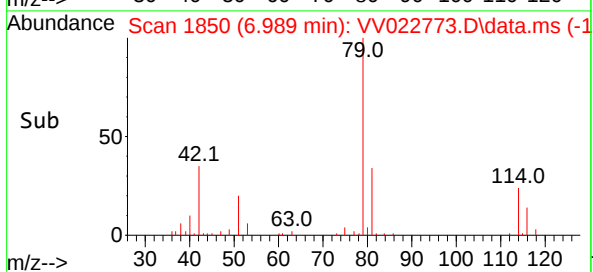
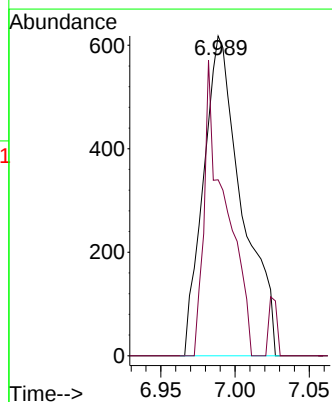
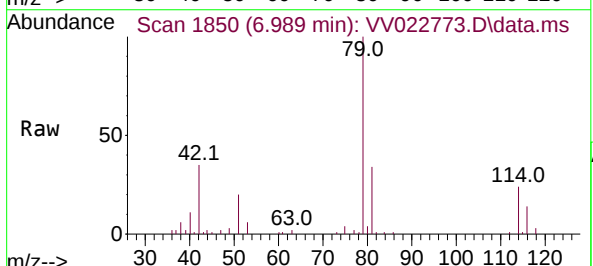
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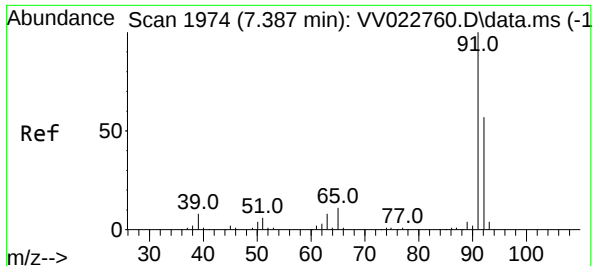
Tgt Ion: 63 Resp: 5766
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#



#39
cis-1,3-Dichloropropene
Concen: 0.109 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV022773.D
Acq: 13 Oct 2021 20:13

Tgt Ion: 75 Resp: 1113
Ion Ratio Lower Upper
75 100
77 55.0 22.3 41.3#

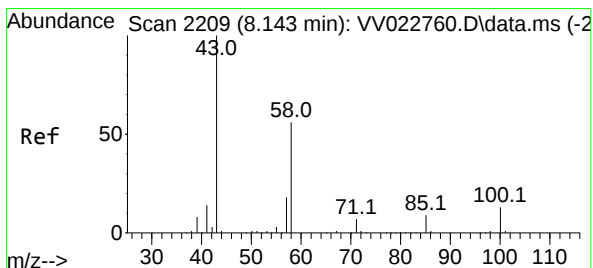
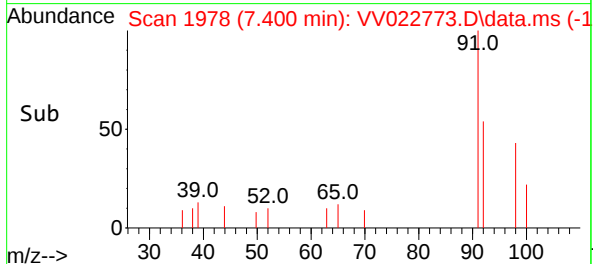
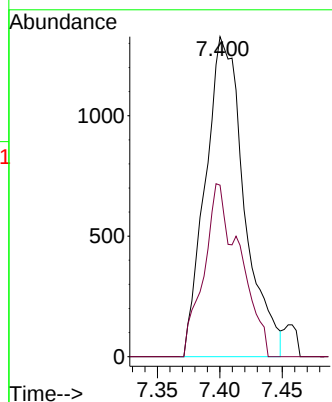
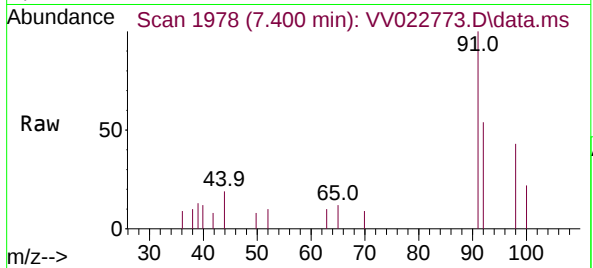




#42
Toluene
Concen: 0.088 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.013 min
Lab File: VV022773.D
Acq: 13 Oct 2021 20:13

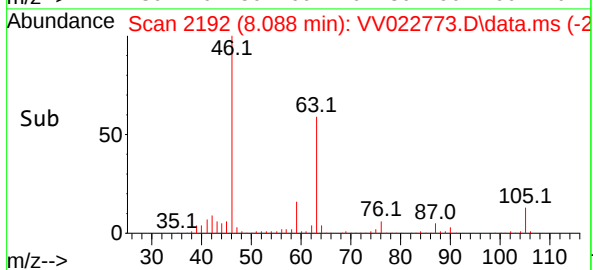
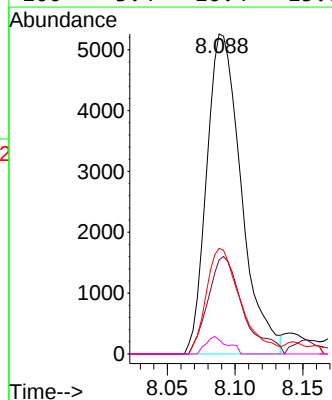
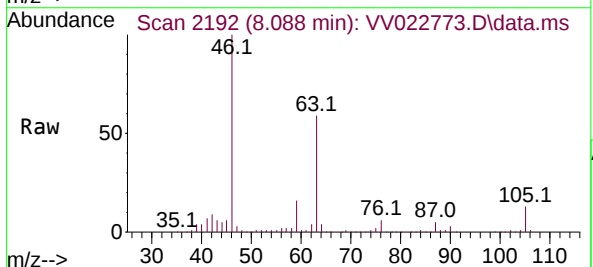
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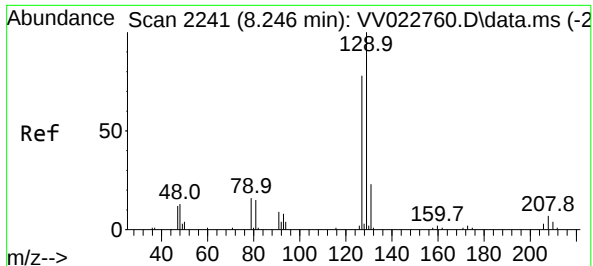
Tgt Ion: 91 Resp: 2878
Ion Ratio Lower Upper
91 100
92 53.6 40.7 75.7



#48
2-Hexanone
Concen: 3.067 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.055 min
Lab File: VV022773.D
Acq: 13 Oct 2021 20:13

Tgt Ion: 43 Resp: 9309
Ion Ratio Lower Upper
43 100
58 30.6 47.4 71.0#
57 32.8 15.3 22.9#
100 3.4 10.4 15.6#





#49

Dibromochloromethane

Concen: 0.073 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV022773.D

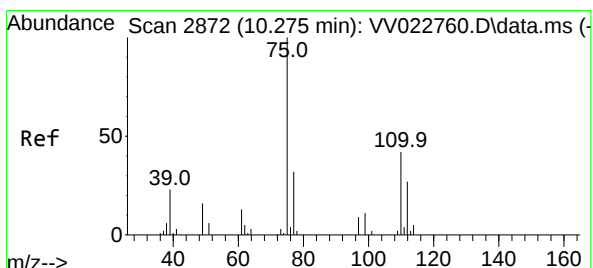
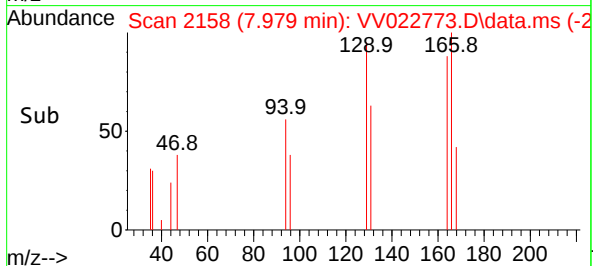
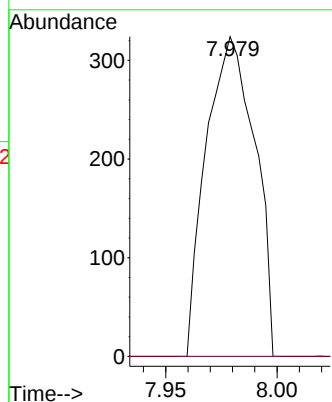
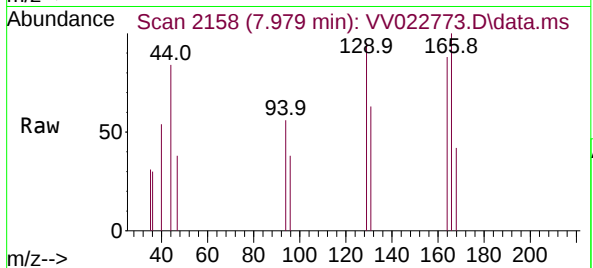
Acq: 13 Oct 2021 20:13

Tgt Ion:129 Resp: 493

Ion Ratio Lower Upper

129 100

127 0.0 59.1 109.9#



#61

1,2,3-Trichloropropane

Concen: 1.516 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV022773.D

Acq: 13 Oct 2021 20:13

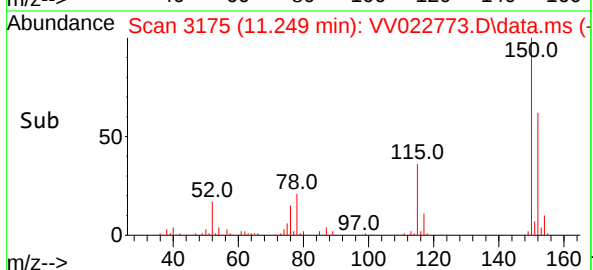
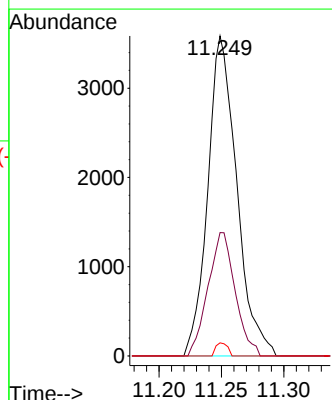
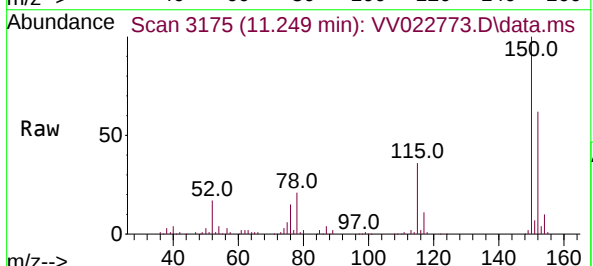
Tgt Ion: 75 Resp: 5794

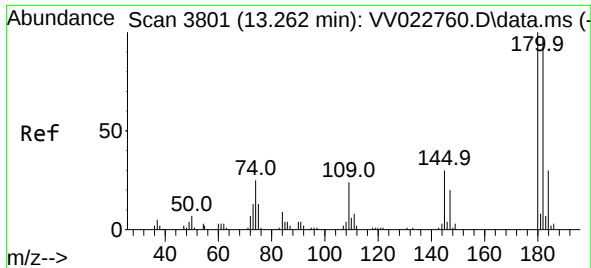
Ion Ratio Lower Upper

75 100

77 36.1 25.4 38.2

110 1.7 34.2 51.4#

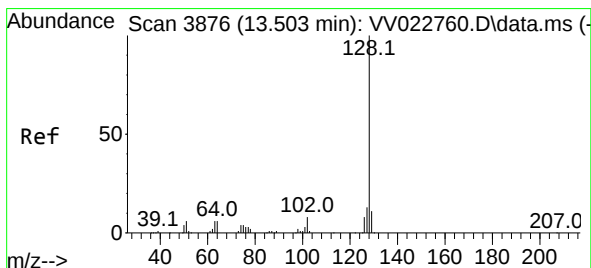
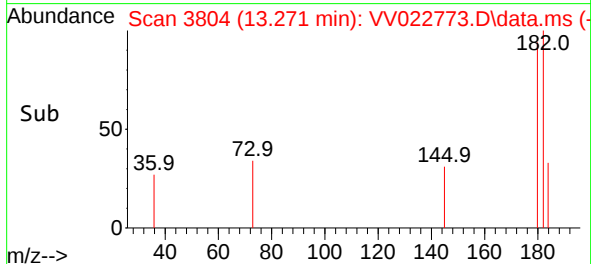
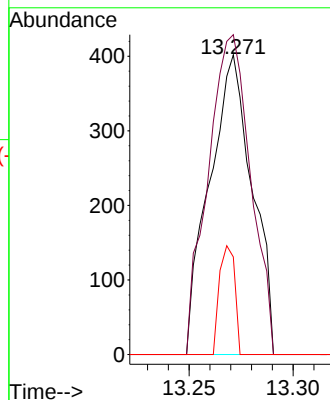
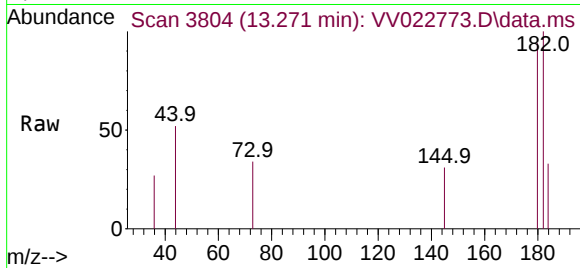




#70
1,2,4-trichlorobenzene
Concen: 0.068 ug/L
RT: 13.271 min Scan# 3804
Delta R.T. 0.009 min
Lab File: VV022773.D
Acq: 13 Oct 2021 20:13

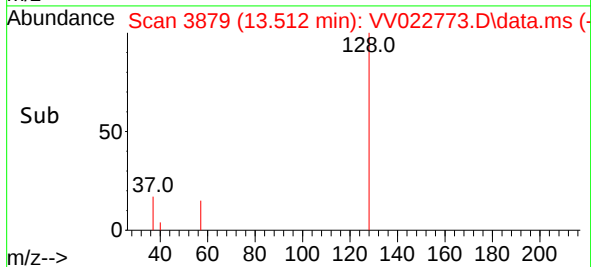
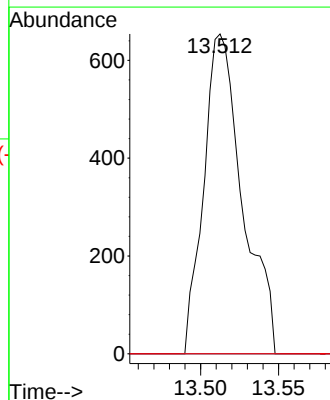
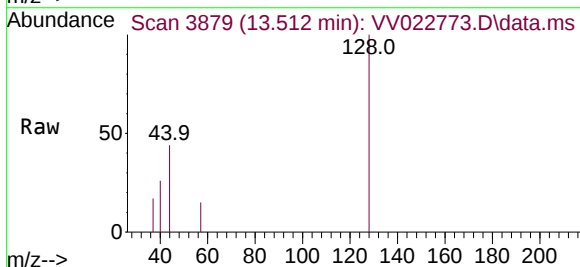
Instrument :
MSVOA_V
ClientSampleId :

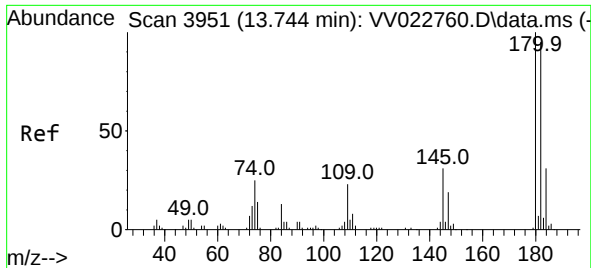
Tgt Ion:180 Resp: 576
Ion Ratio Lower Upper
180 100
182 106.3 76.0 114.0
145 13.0 24.1 36.1#



#71
Naphthalene
Concen: 0.084 ug/L
RT: 13.512 min Scan# 3879
Delta R.T. 0.009 min
Lab File: VV022773.D
Acq: 13 Oct 2021 20:13

Tgt Ion:128 Resp: 1133
Ion Ratio Lower Upper
128 100
129 0.0 9.3 13.9#
127 0.0 10.8 16.2#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.088 ug/L
 RT: 13.750 min Scan# 3953
 Delta R.T. 0.006 min
 Lab File: VV022773.D
 Acq: 13 Oct 2021 20:13

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:180 Resp: 701
 Ion Ratio Lower Upper
 180 100
 182 79.7 75.5 113.3
 145 0.0 24.7 37.1#

