

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111221\
 Data File : VW023426.D
 Acq On : 12 Nov 2021 07:47
 Operator : SY/MD
 Sample : M4580-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 13 00:09:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 12 04:43:24 2021
 Response via : Initial Calibration

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

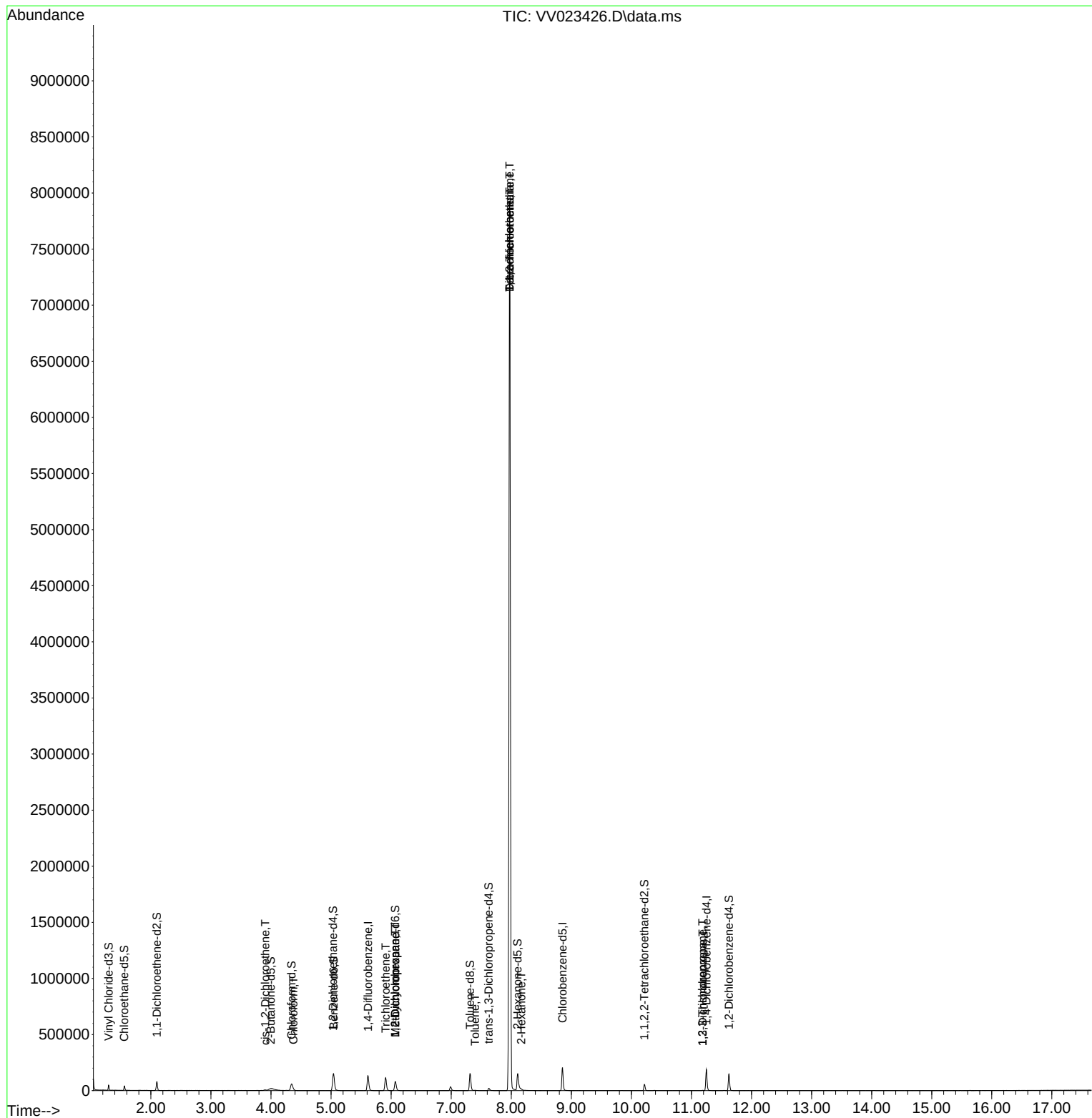
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	113119	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	115332	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50280	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	25587	3.611	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.200%
7) Chloroethane-d5	1.558	69	23235	4.023	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.098	63	39582	2.984	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.600%#
20) 2-Butanone-d5	3.995	46	28184	23.085	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	46.180%
24) Chloroform-d	4.343	84	58258	3.858	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.200%
26) 1,2-Dichloroethane-d4	5.034	65	31531	4.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.043	84	124465	4.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.069	67	39214	4.502	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.313	98	101956	3.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.600%
43) trans-1,3-Dichloroprop...	7.625	79	12120	3.669	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.400%
46) 2-Hexanone-d5	8.104	63	54302	44.682	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.360%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26082	4.163	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	38598	4.610	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	3.905	96	2903	0.364	ug/L #	93
25) Chloroform	4.375	83	9019	0.604	ug/L	96
34) Trichloroethene	5.908	95	39247	4.578	ug/L	99
35) Methylcyclohexane	6.069	83	9458	0.699	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	4309	0.573	ug/L #	83
42) Toluene	7.397	91	2122	0.062	ug/L	91
45) 1,1,2-Trichloroethane	7.973	97	14721	2.722	ug/L #	1
47) Tetrachloroethene	7.973	164	1706642	229.718	ug/L	99
48) 2-Hexanone	8.169	43	5560	2.273	ug/L #	75
49) Dibromochloromethane	7.973	129	1384979	202.149	ug/L #	10
61) 1,2,3-Trichloropropane	11.185	75	366	0.110	ug/L #	38
64) 1,3-Dichlorobenzene	11.188	146	1186	0.080	ug/L	88

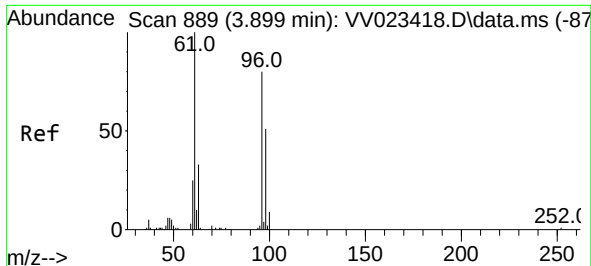
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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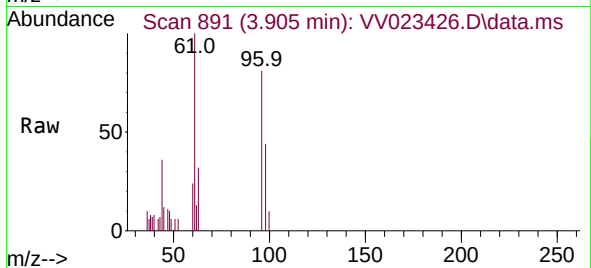
Quant Time: Nov 13 00:09:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
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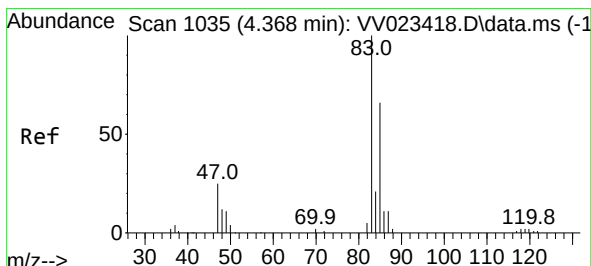
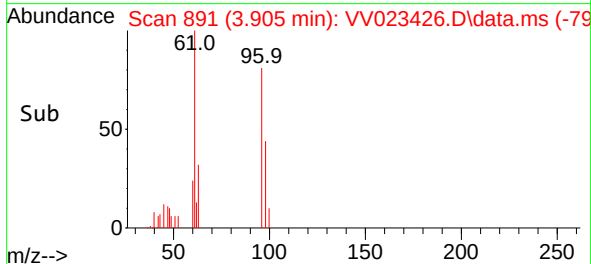
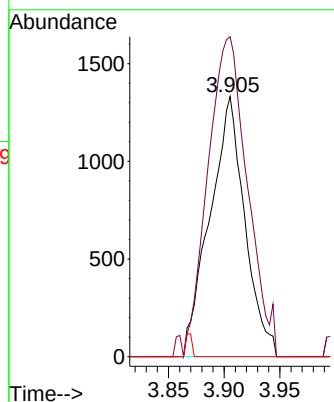


#22
 cis-1,2-Dichloroethene
 Concen: 0.364 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV023426.D
 Acq: 12 Nov 2021 07:47

Instrument :
 MSVOA_V
 ClientSampleId :

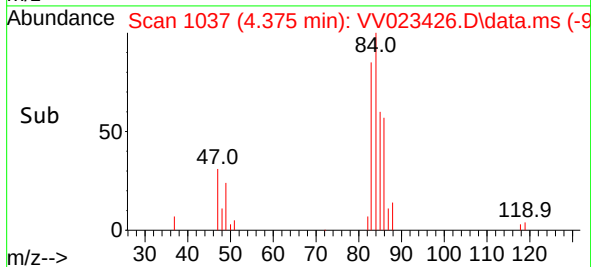
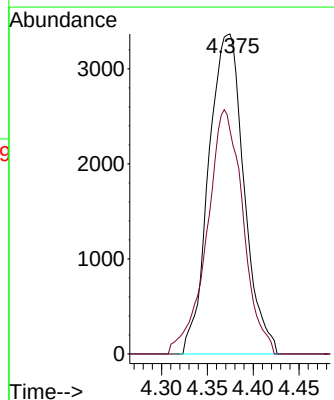
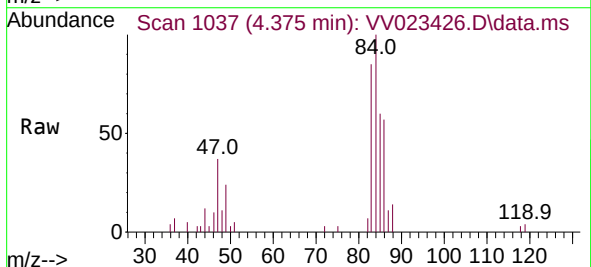


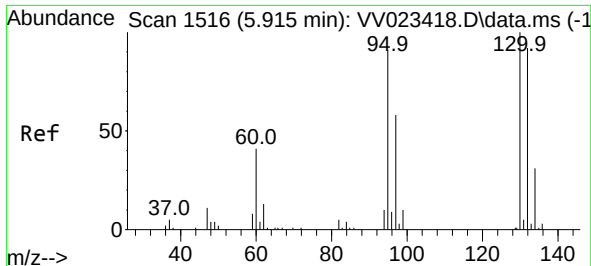
Tgt Ion: 96 Resp: 2903
 Ion Ratio Lower Upper
 96 100
 61 123.0 92.3 171.3
 68 0.0 0.4 0.8#



#25
 Chloroform
 Concen: 0.604 ug/L
 RT: 4.375 min Scan# 1037
 Delta R.T. 0.006 min
 Lab File: VV023426.D
 Acq: 12 Nov 2021 07:47

Tgt Ion: 83 Resp: 9019
 Ion Ratio Lower Upper
 83 100
 85 69.9 46.8 86.8



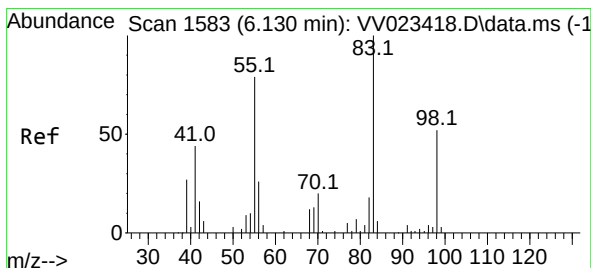
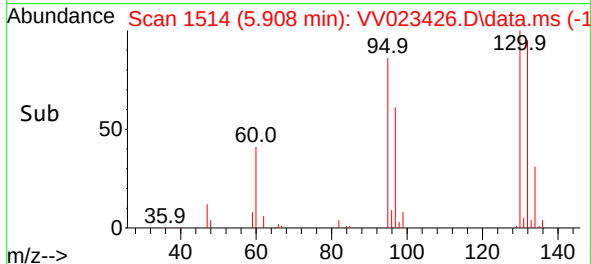
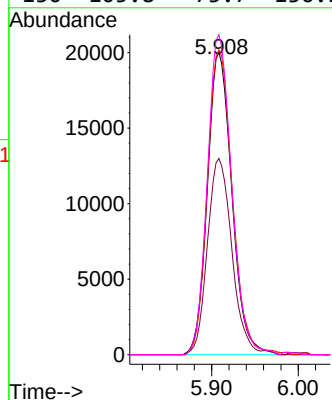
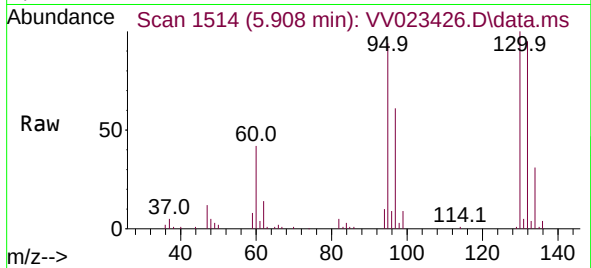


#34
Trichloroethene
Concen: 4.578 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.006 min
Lab File: VV023426.D
Acq: 12 Nov 2021 07:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 39247

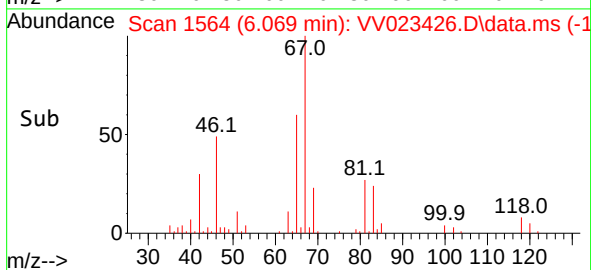
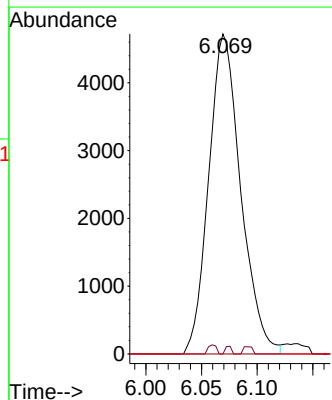
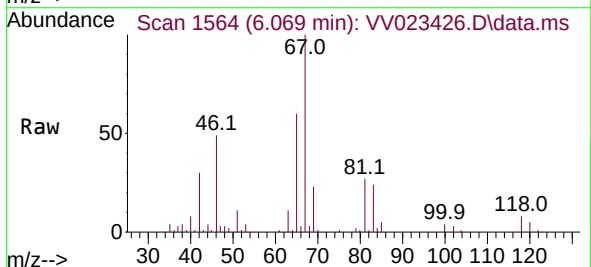
Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.0	83.6
132	100.8	69.7	129.4
130	105.8	73.7	136.9

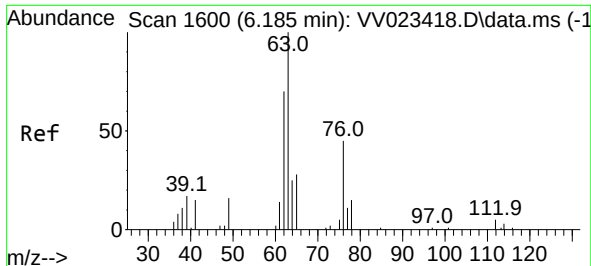


#35
Methylcyclohexane
Concen: 0.699 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV023426.D
Acq: 12 Nov 2021 07:47

Tgt Ion: 83 Resp: 9458

Ion	Ratio	Lower	Upper
83	100		
55	0.5	62.8	94.2#
98	0.0	37.9	56.9#





#37

1,2-Dichloropropane

Concen: 0.573 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.116 min

Lab File: VV023426.D

Acq: 12 Nov 2021 07:47

Instrument :

MSVOA_V

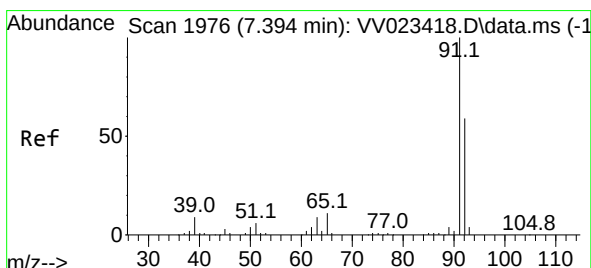
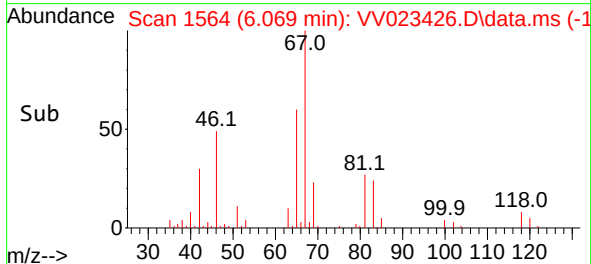
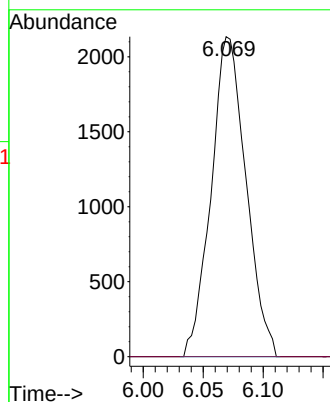
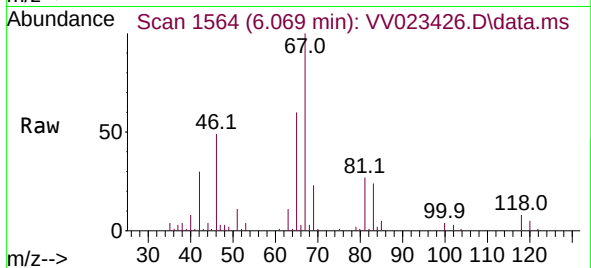
ClientSampleId :

Tgt Ion: 63 Resp: 4309

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#42

Toluene

Concen: 0.062 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.003 min

Lab File: VV023426.D

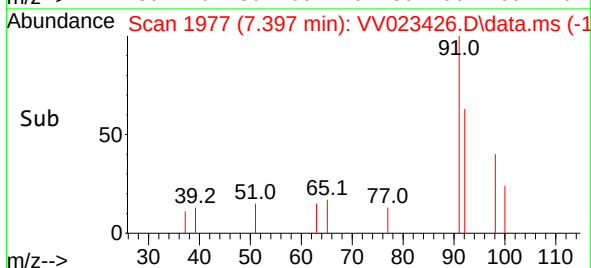
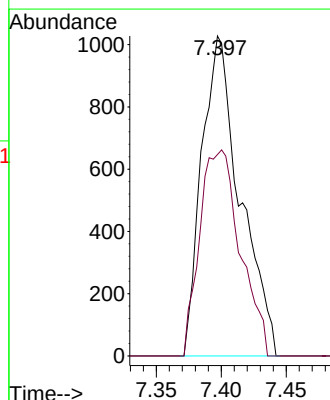
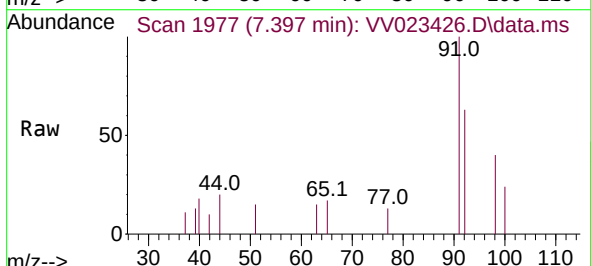
Acq: 12 Nov 2021 07:47

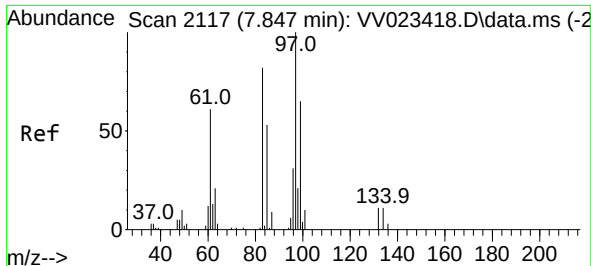
Tgt Ion: 91 Resp: 2122

Ion Ratio Lower Upper

91 100

92 62.9 39.3 72.9

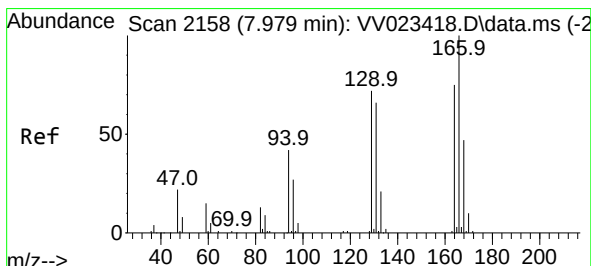
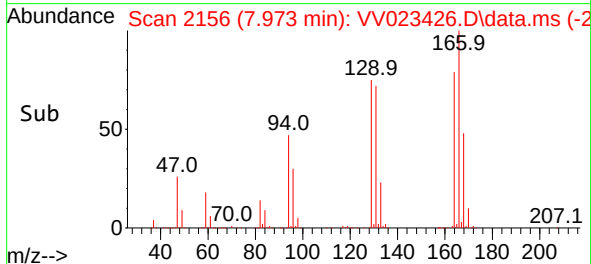
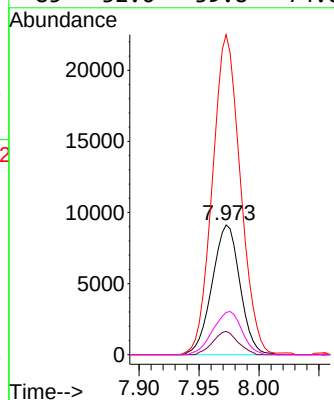
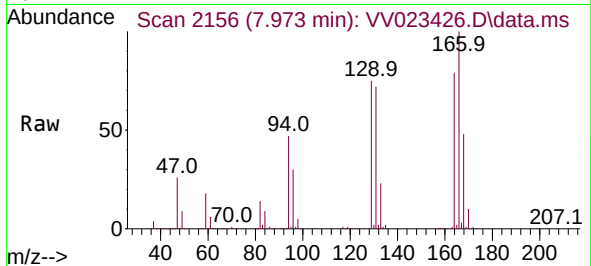




#45
1,1,2-Trichloroethane
Concen: 2.722 ug/L
RT: 7.973 min Scan# 2117
Delta R.T. 0.125 min
Lab File: VV023426.D
Acq: 12 Nov 2021 07:47

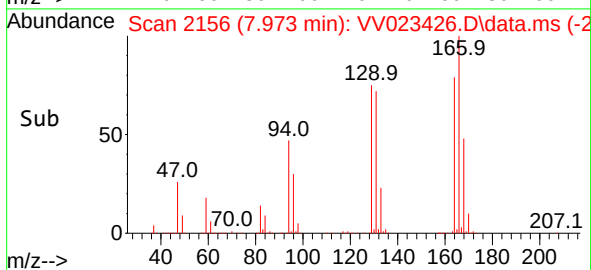
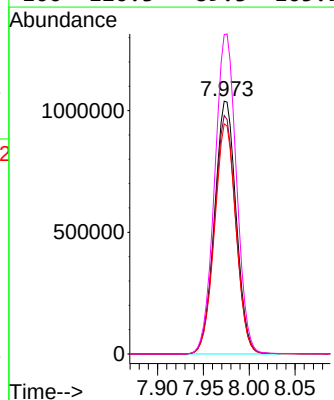
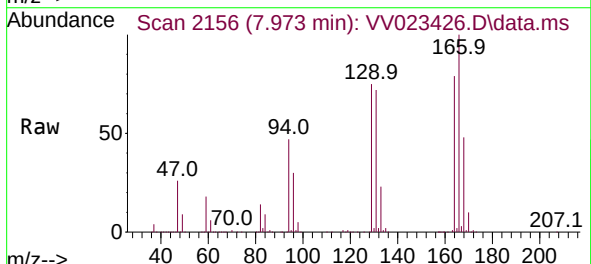
Instrument :
MSVOA_V
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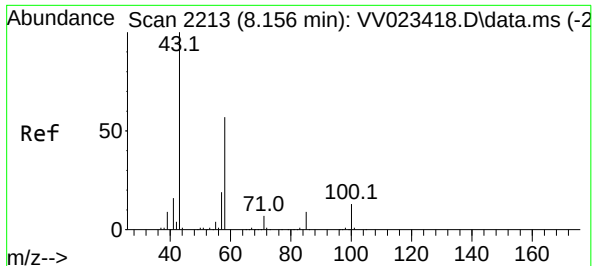
Tgt Ion: 97	Resp: 14721
Ion Ratio	Lower Upper
97 100	
99 18.0	43.6 81.0#
83 246.6	58.4 108.4#
85 32.6	39.8 74.0#



#47
Tetrachloroethene
Concen: 229.718 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.006 min
Lab File: VV023426.D
Acq: 12 Nov 2021 07:47

Tgt Ion: 164	Resp: 1706642
Ion Ratio	Lower Upper
164 100	
129 94.3	64.0 119.0
131 91.0	63.4 117.8
166 126.3	89.3 165.9

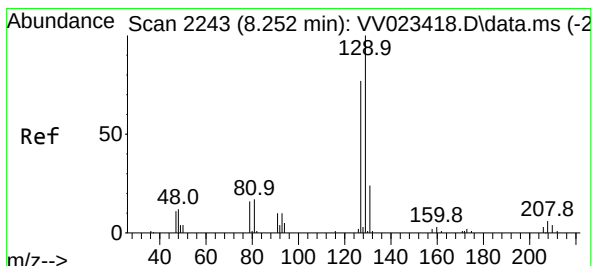
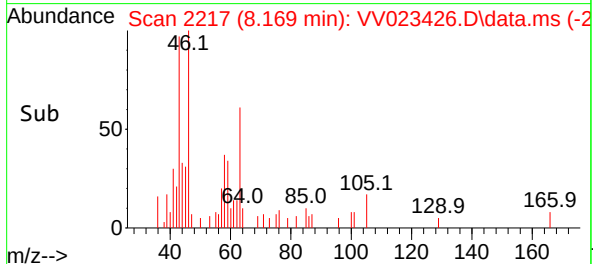
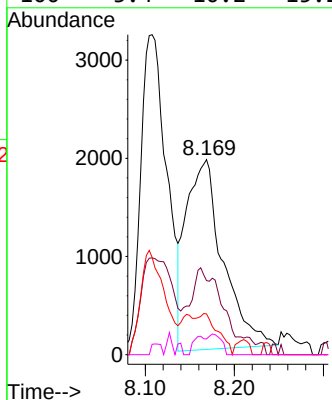
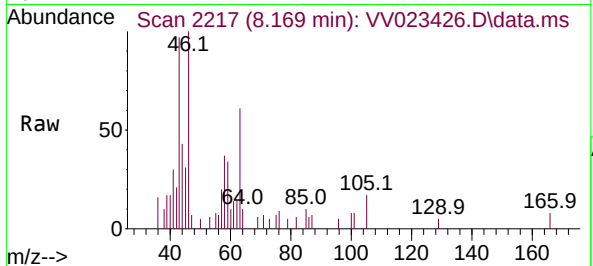




#48
2-Hexanone
Concen: 2.273 ug/L
RT: 8.169 min Scan# 2156
Delta R.T. 0.013 min
Lab File: VV023426.D
Acq: 12 Nov 2021 07:47

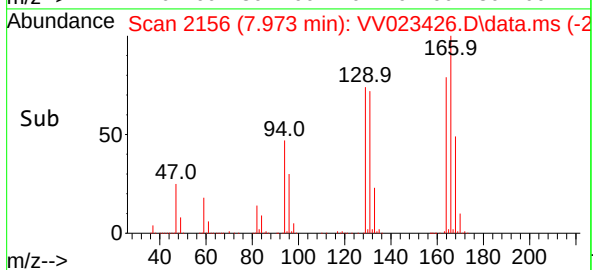
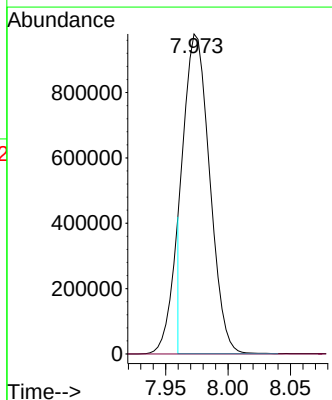
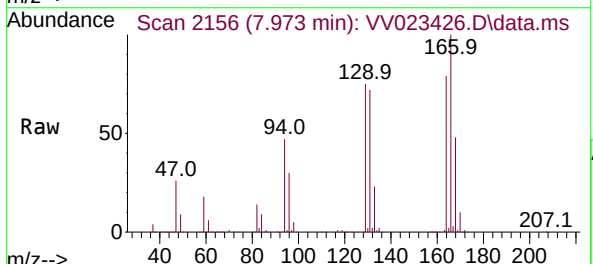
Instrument :
MSVOA_V
ClientSampleId :

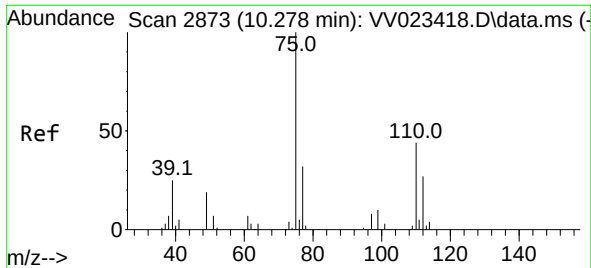
Tgt Ion: 43	Resp: 5560
Ion Ratio	Lower Upper
43	100
58	34.7 43.7 65.5#
57	10.4 14.1 21.1#
100	3.4 10.2 15.2#



#49
Dibromochloromethane
Concen: 202.149 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.280 min
Lab File: VV023426.D
Acq: 12 Nov 2021 07:47

Tgt Ion: 129	Resp: 1384979
Ion Ratio	Lower Upper
129	100
127	0.0 54.7 101.7#

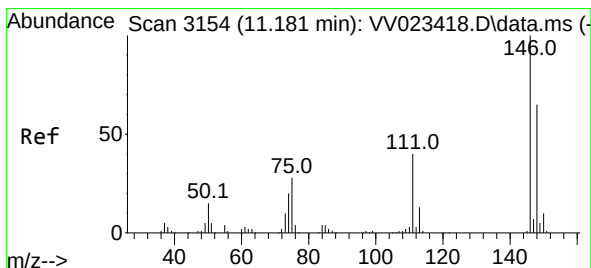
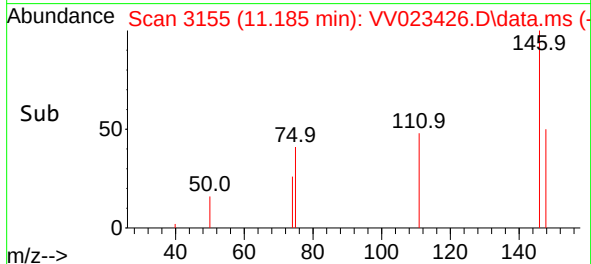
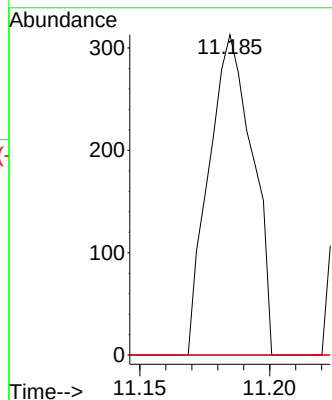
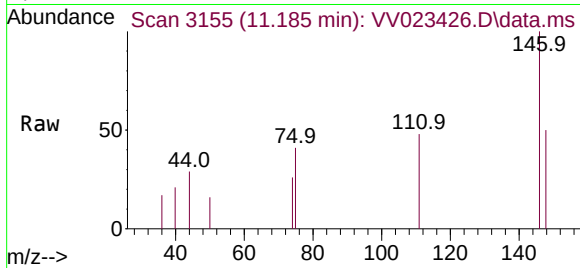




#61
1,2,3-Trichloropropane
Concen: 0.110 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.907 min
Lab File: VV023426.D
Acq: 12 Nov 2021 07:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 366
Ion Ratio Lower Upper
75 100
77 0.0 26.6 39.8#
110 0.0 31.8 47.6#



#64
1,3-Dichlorobenzene
Concen: 0.080 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.006 min
Lab File: VV023426.D
Acq: 12 Nov 2021 07:47

Tgt Ion:146 Resp: 1186
Ion Ratio Lower Upper
146 100
111 44.2 26.7 49.7
148 50.7 42.9 79.7

