

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100621\
 Data File : VV022645.D
 Acq On : 07 Oct 2021 01:27
 Operator : SY/MD
 Sample : M4050-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 07 07:50:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 07 07:45:03 2021
 Response via : Initial Calibration

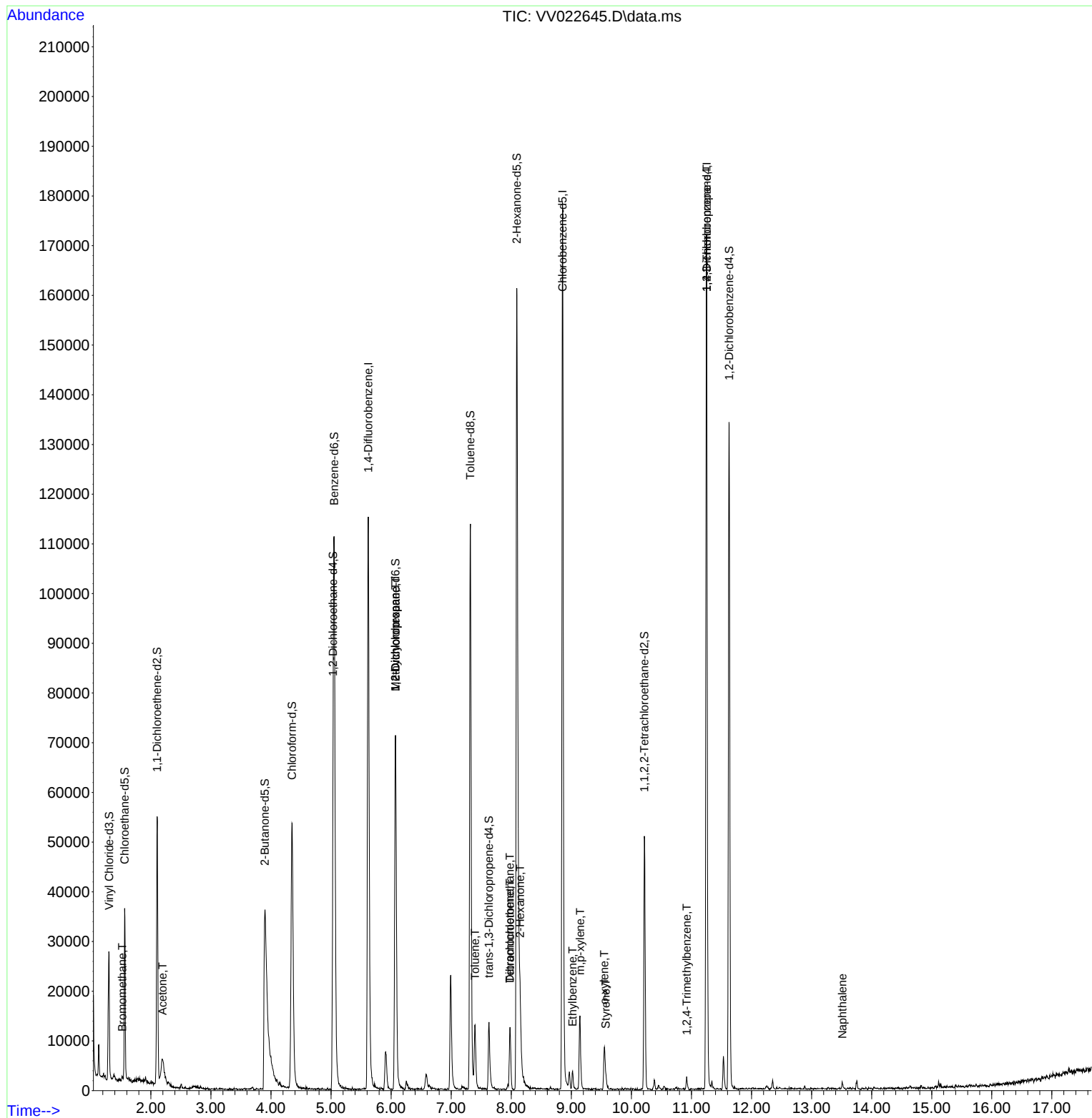
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	103547	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	102016	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	48360	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	13741	4.142	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.800%	
7) Chloroethane-d5	1.564	69	21784	4.871	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.400%	
11) 1,1-Dichloroethene-d2	2.105	63	27016	2.807	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	56.200%#	
20) 2-Butanone-d5	3.899	46	93512	47.683	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	95.360%	
24) Chloroform-d	4.352	84	57346	4.489	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.800%	
26) 1,2-Dichloroethane-d4	5.034	65	28453	4.728	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.600%	
32) Benzene-d6	5.053	84	99470	4.327	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.600%	
36) 1,2-Dichloropropane-d6	6.072	67	35694	4.401	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.000%	
41) Toluene-d8	7.320	98	77414	4.017	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.400%	
43) trans-1,3-Dichloroprop...	7.629	79	8681	4.044	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.800%	
46) 2-Hexanone-d5	8.092	63	53542	40.287	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	80.580%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23741	3.852	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	77.000%	
66) 1,2-Dichlorobenzene-d4	11.628	152	37091	4.958	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.200%	
Target Compounds						
					Qvalue	
6) Bromomethane	1.523	94	294	0.056	ug/L	88
13) Acetone	2.195	43	13802	13.087	ug/L #	72
35) Methylcyclohexane	6.072	83	9250	0.826	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	3729	0.556	ug/L #	84
42) Toluene	7.397	91	9655	0.334	ug/L	93
47) Tetrachloroethene	7.979	164	3034	0.488	ug/L	93
48) 2-Hexanone	8.146	43	12133	4.565	ug/L #	75
49) Dibromochloromethane	7.979	129	2669	0.452	ug/L #	12
52) Ethylbenzene	9.021	91	2776	0.094	ug/L	91
53) m,p-xylene	9.146	106	4688	0.415	ug/L	90
54) o-xylene	9.548	106	2390	0.213	ug/L	82
55) Styrene	9.574	104	1900	0.099	ug/L	91
61) 1,2,3-Trichloropropane	11.252	75	5217	1.455	ug/L #	60
63) 1,2,4-Trimethylbenzene	10.924	105	1681	0.078	ug/L	97
71) Naphthalene	13.513	128	1415	0.108	ug/L #	80

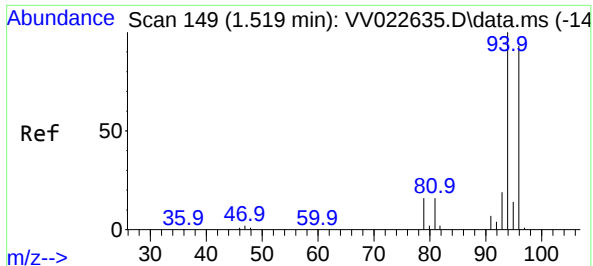
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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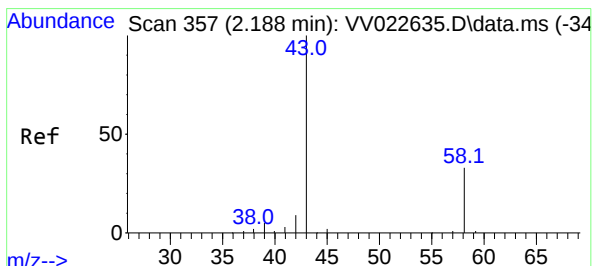
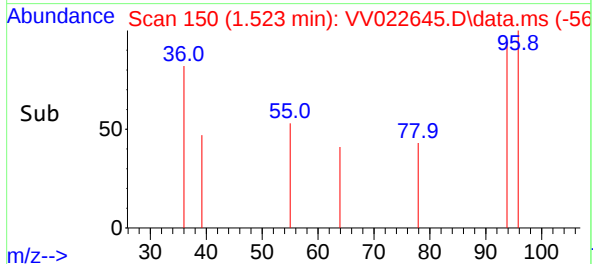
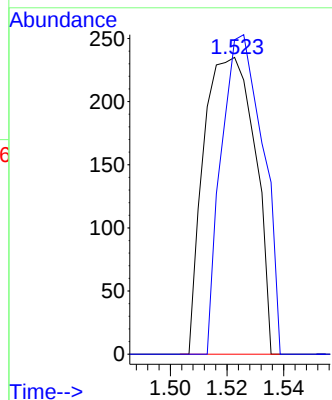
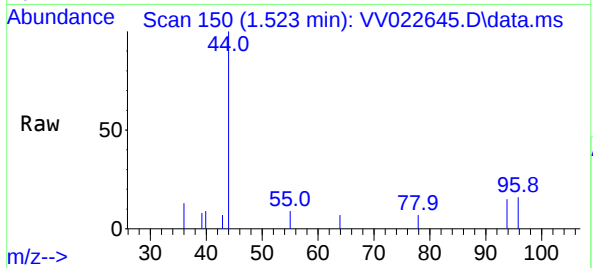




#6
Bromomethane
Concen: 0.056 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV022645.D
Acq: 07 Oct 2021 01:27

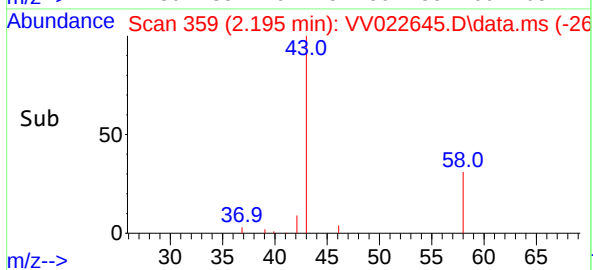
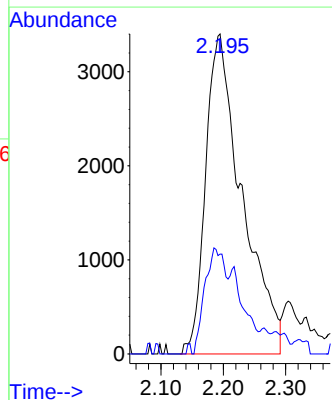
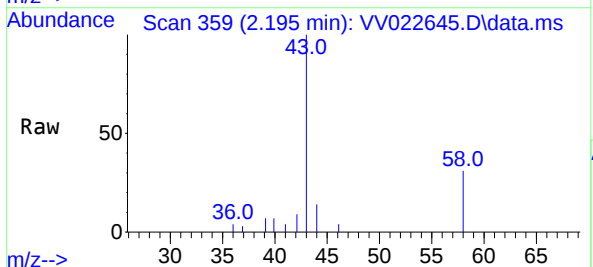
Instrument :
MSVOA_V
ClientSampled :

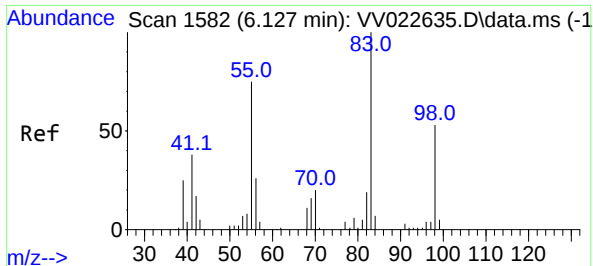
Tgt Ion: 94 Resp: 294
Ion Ratio Lower Upper
94 100
96 106.0 65.9 122.3



#13
Acetone
Concen: 13.087 ug/L
RT: 2.195 min Scan# 359
Delta R.T. 0.006 min
Lab File: VV022645.D
Acq: 07 Oct 2021 01:27

Tgt Ion: 43 Resp: 13802
Ion Ratio Lower Upper
43 100
58 18.9 0.0 17.6#





#35

Methylcyclohexane

Concen: 0.826 ug/L

RT: 6.072 min Scan# 1565

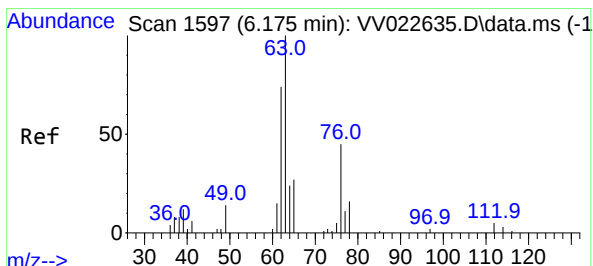
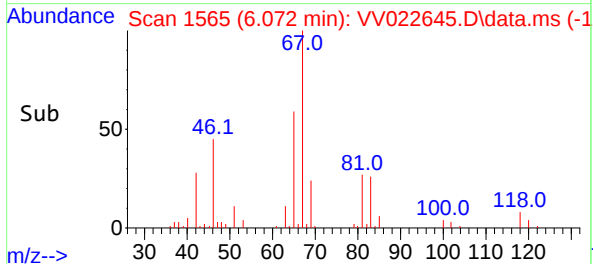
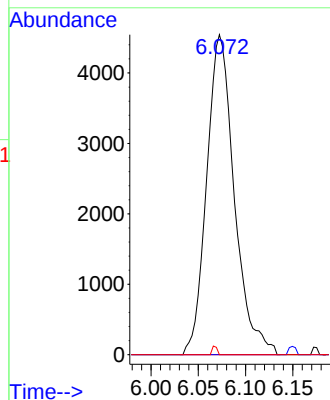
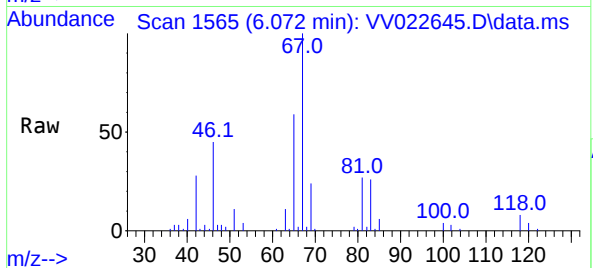
Delta R.T. -0.055 min

Lab File: VV022645.D

Acq: 07 Oct 2021 01:27

Tgt Ion:	83	Resp:	9250
Ion	Ratio	Lower	Upper
83	100		
55	0.7	57.8	86.8#
98	0.7	39.8	59.8#

Instrument :
MSVOA_V
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.556 ug/L

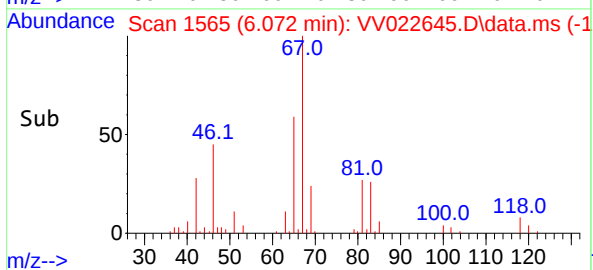
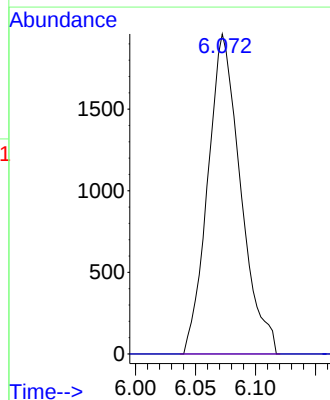
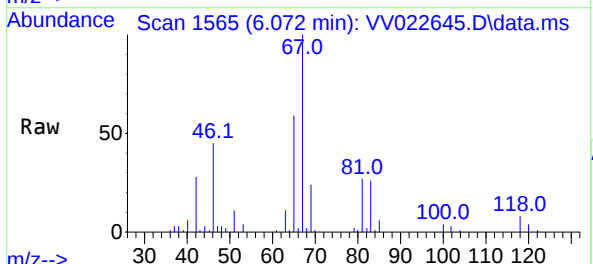
RT: 6.072 min Scan# 1565

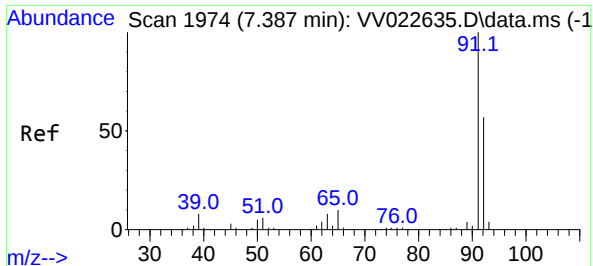
Delta R.T. -0.103 min

Lab File: VV022645.D

Acq: 07 Oct 2021 01:27

Tgt Ion:	63	Resp:	3729
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.3	6.5#

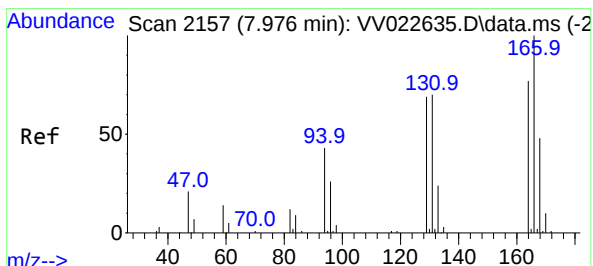
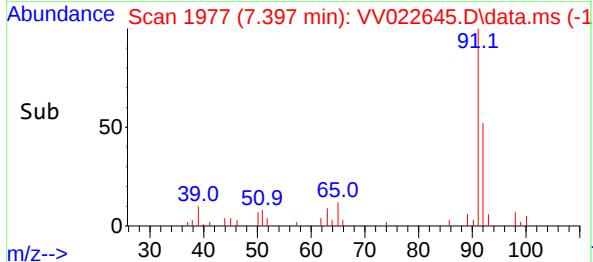
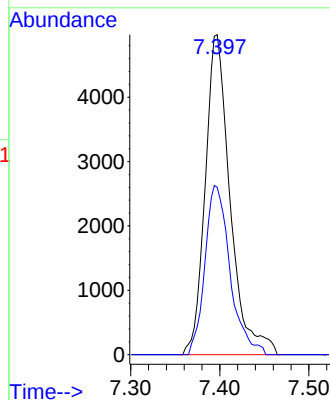
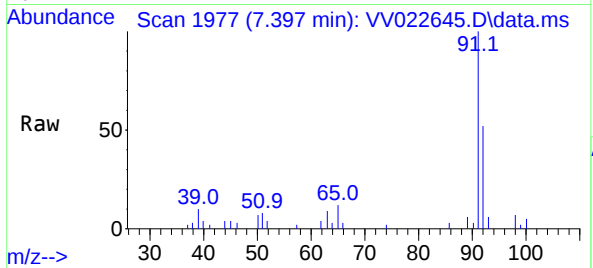




#42
Toluene
Concen: 0.334 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.010 min
Lab File: VV022645.D
Acq: 07 Oct 2021 01:27

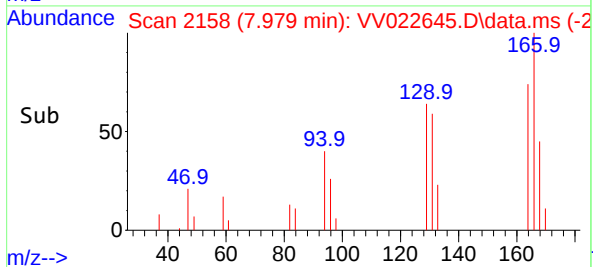
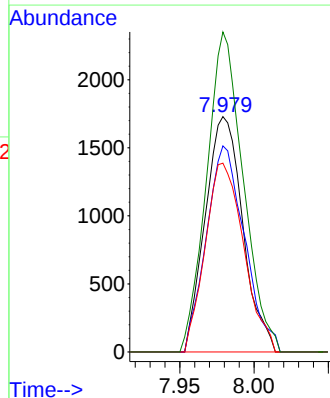
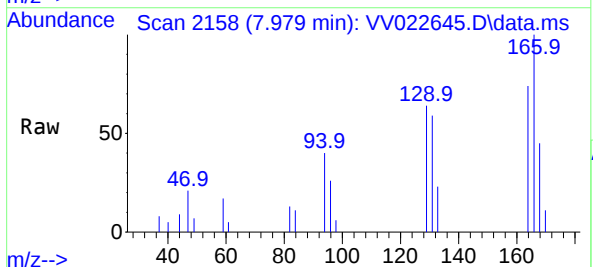
Instrument :
MSVOA_V
ClientSampled :

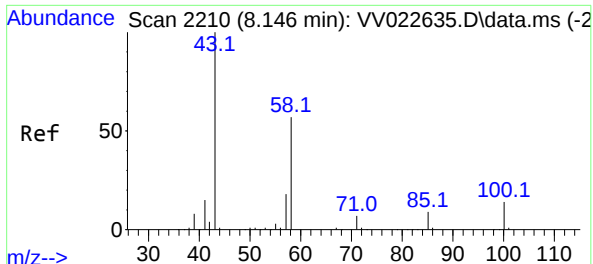
Tgt Ion: 91 Resp: 9655
Ion Ratio Lower Upper
91 100
92 52.3 40.5 75.3



#47
Tetrachloroethene
Concen: 0.488 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022645.D
Acq: 07 Oct 2021 01:27

Tgt Ion: 164 Resp: 3034
Ion Ratio Lower Upper
164 100
129 87.6 65.5 121.6
131 80.2 62.4 116.0
166 136.0 91.1 169.3



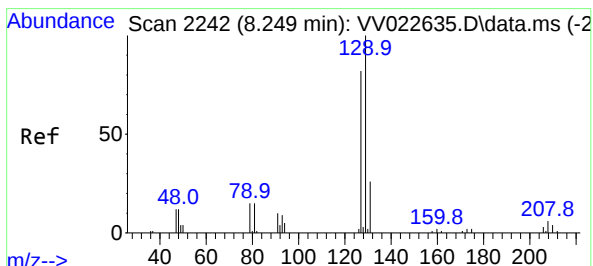
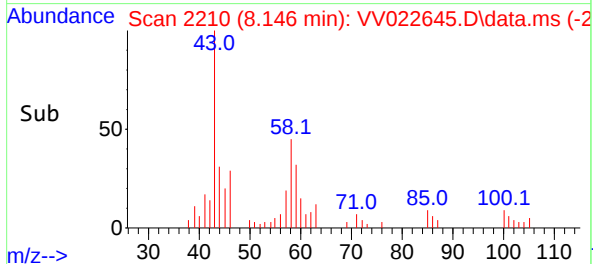
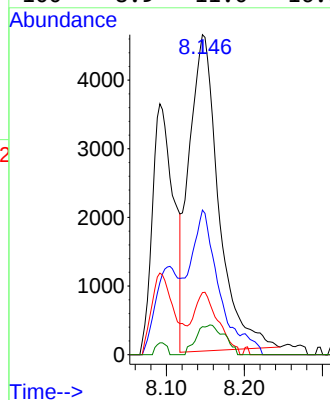
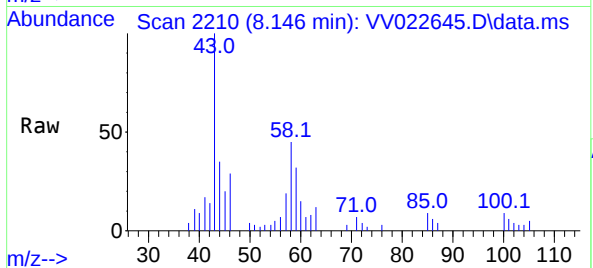


#48
2-Hexanone
Concen: 4.565 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VV022645.D
Acq: 07 Oct 2021 01:27

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 12133

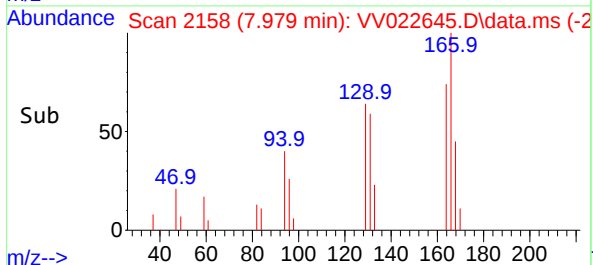
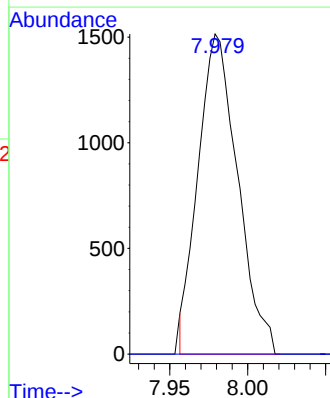
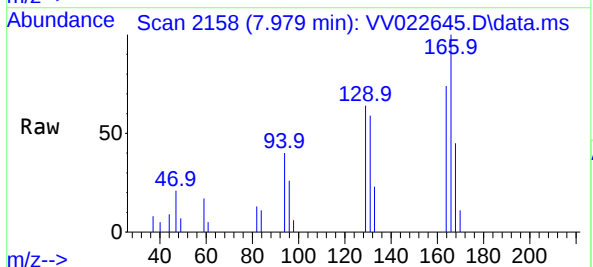
Ion	Ratio	Lower	Upper
43	100		
58	33.0	46.4	69.6#
57	16.4	16.3	24.5
100	8.9	11.0	16.6#

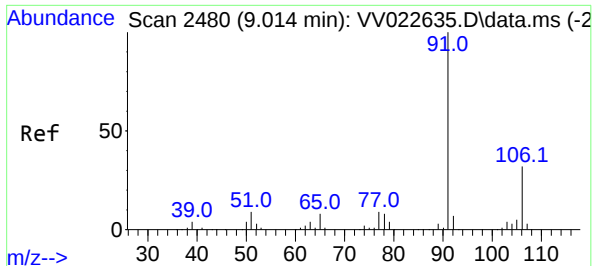


#49
Dibromochloromethane
Concen: 0.452 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.270 min
Lab File: VV022645.D
Acq: 07 Oct 2021 01:27

Tgt Ion: 129 Resp: 2669

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.6	97.6#

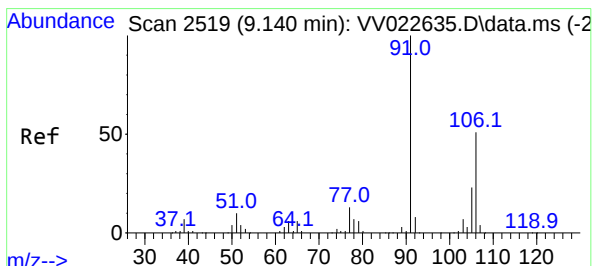
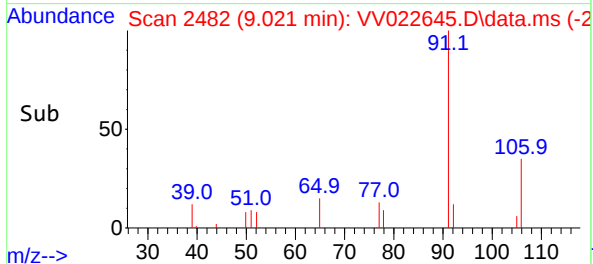
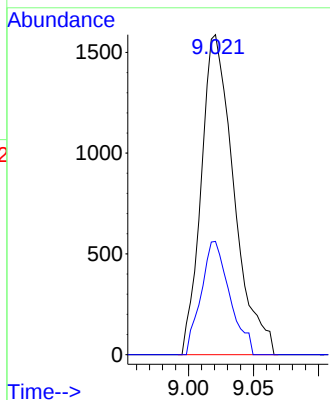
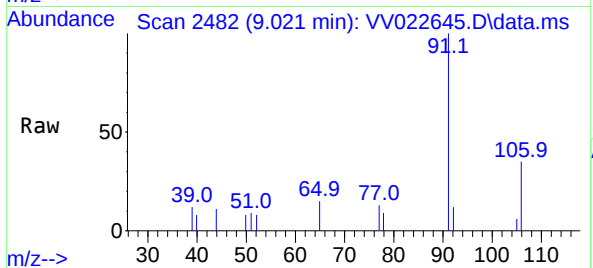




#52
Ethylbenzene
Concen: 0.094 ug/L
RT: 9.021 min Scan# 2482
Delta R.T. 0.006 min
Lab File: VV022645.D
Acq: 07 Oct 2021 01:27

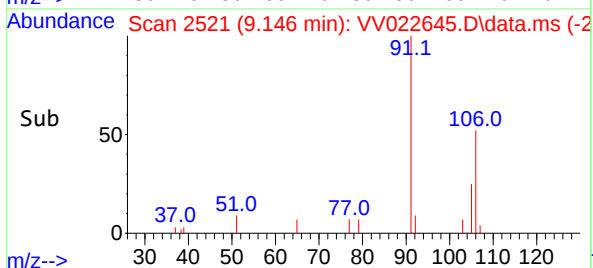
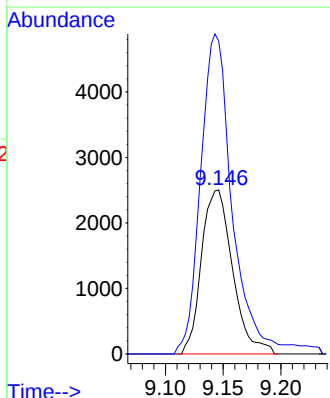
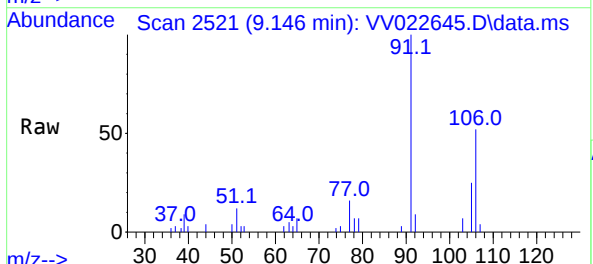
Instrument :
MSVOA_V
ClientSampled :

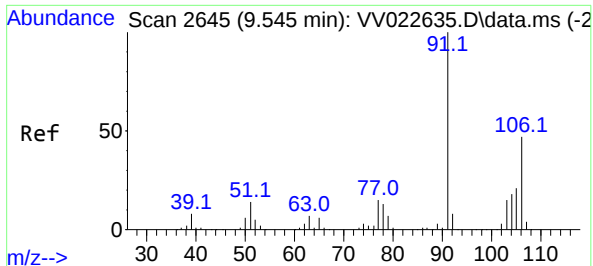
Tgt Ion: 91 Resp: 2776
Ion Ratio Lower Upper
91 100
106 35.4 21.3 39.6



#53
m,p-xylene
Concen: 0.415 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.006 min
Lab File: VV022645.D
Acq: 07 Oct 2021 01:27

Tgt Ion: 106 Resp: 4688
Ion Ratio Lower Upper
106 100
91 190.9 144.8 269.0

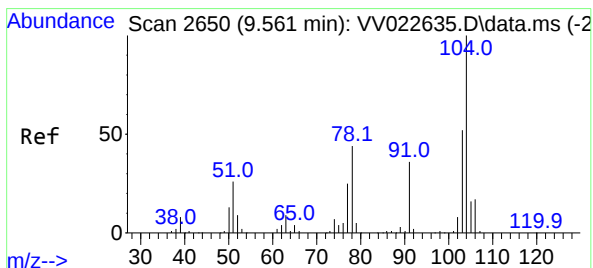
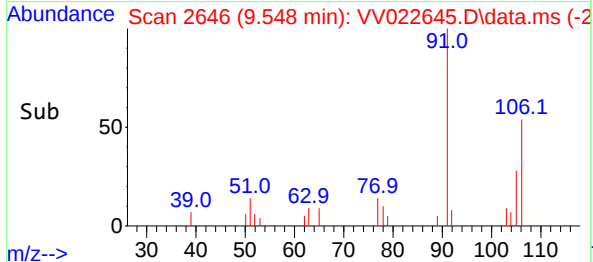
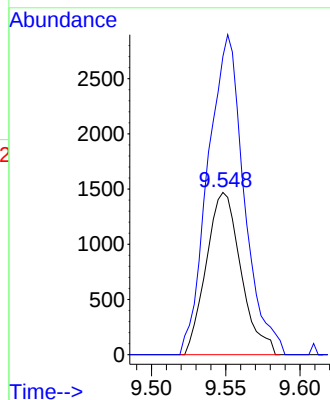
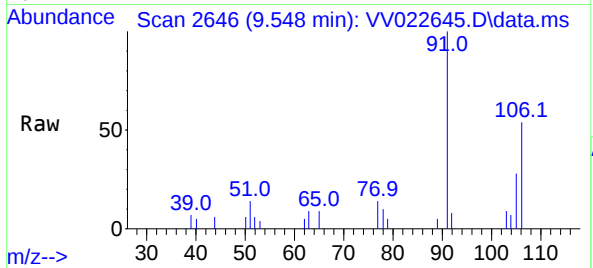




#54
o-xylene
Concen: 0.213 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV022645.D
Acq: 07 Oct 2021 01:27

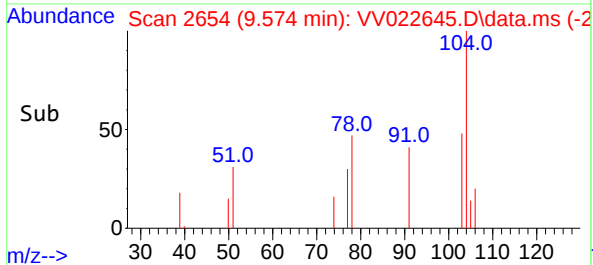
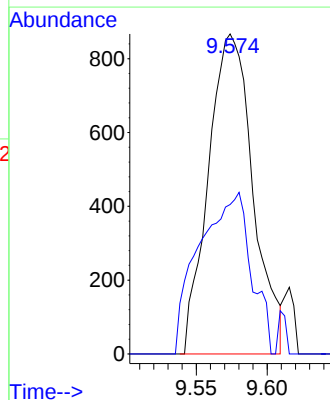
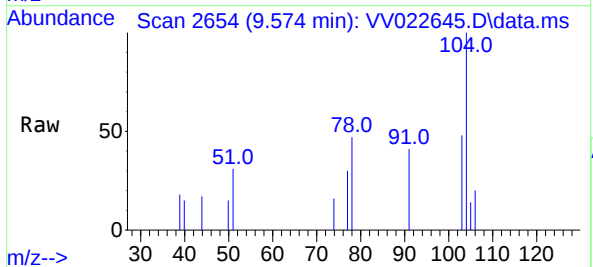
Instrument :
MSVOA_V
ClientSampled :

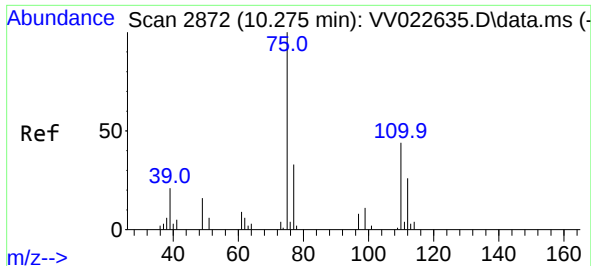
Tgt Ion:106 Resp: 2390
Ion Ratio Lower Upper
106 100
91 183.7 148.8 276.4



#55
Styrene
Concen: 0.099 ug/L
RT: 9.574 min Scan# 2654
Delta R.T. 0.013 min
Lab File: VV022645.D
Acq: 07 Oct 2021 01:27

Tgt Ion:104 Resp: 1900
Ion Ratio Lower Upper
104 100
78 46.7 28.7 53.3

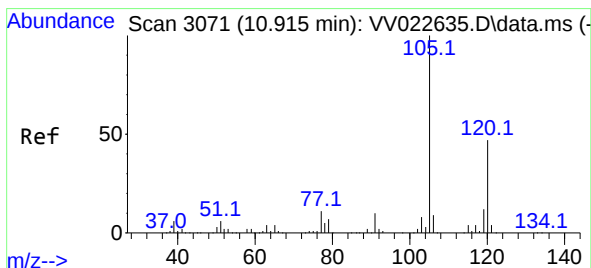
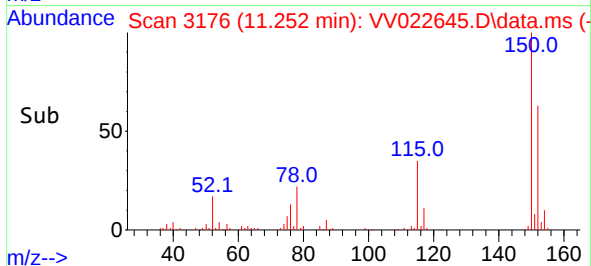
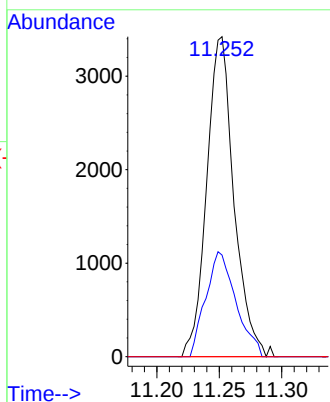
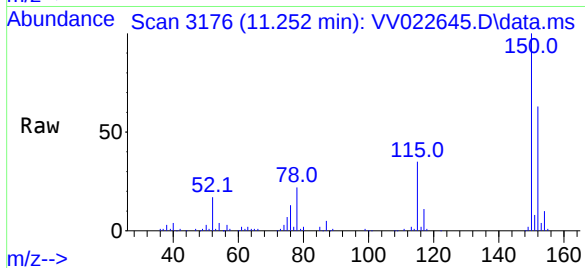




#61
1,2,3-Trichloropropane
Concen: 1.455 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.977 min
Lab File: VV022645.D
Acq: 07 Oct 2021 01:27

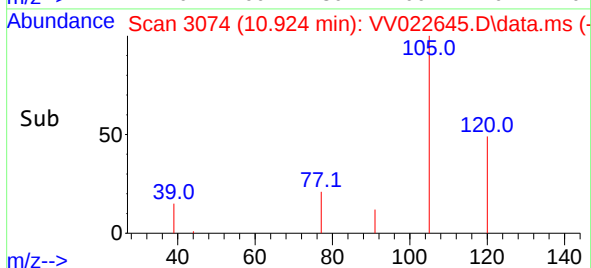
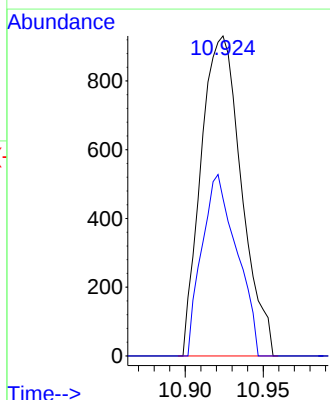
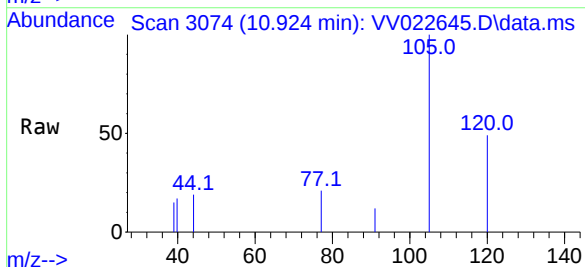
Instrument :
MSVOA_V
ClientSampled :

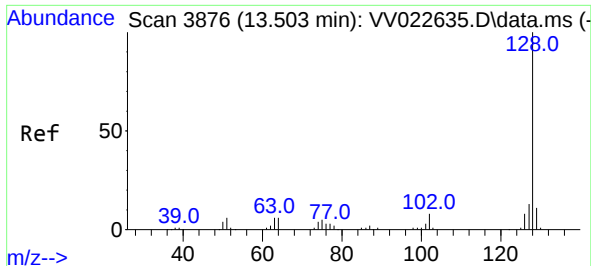
Tgt Ion: 75 Resp: 5217
Ion Ratio Lower Upper
75 100
77 36.2 26.1 39.1
110 0.0 33.0 49.6#



#63
1,2,4-Trimethylbenzene
Concen: 0.078 ug/L
RT: 10.924 min Scan# 3074
Delta R.T. 0.010 min
Lab File: VV022645.D
Acq: 07 Oct 2021 01:27

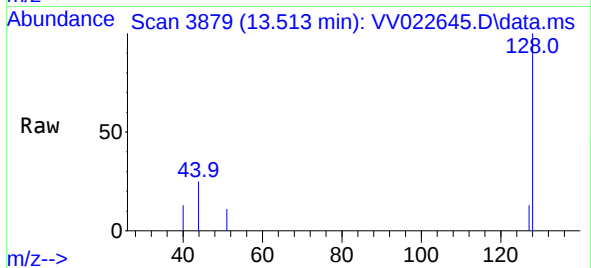
Tgt Ion: 105 Resp: 1681
Ion Ratio Lower Upper
105 100
120 48.8 37.2 55.8





#71
Naphthalene
Concen: 0.108 ug/L
RT: 13.513 min Scan# 3879
Delta R.T. 0.010 min
Lab File: VV022645.D
Acq: 07 Oct 2021 01:27

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	1415
Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.3	12.5#
127	7.3	10.2	15.4#

