

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082521\
 Data File : VV021947.D
 Acq On : 25 Aug 2021 14:24
 Operator : SY/MD
 Sample : M3526-04ME
 Misc : 2.61g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 26 05:19:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 26 05:17:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	420686	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	408459	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	229704	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	117178	35.630	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.260%
7) Chloroethane-d5	1.529	69	28975	11.675	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	23.340%#
11) 1,1-Dichloroethene-d2	2.072	63	142401	27.202	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.400%#
21) 2-Butanone-d5	3.889	46	151143	73.894	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.890%
24) Chloroform-d	4.339	84	227660	39.955	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.900%
26) 1,2-Dichloroethane-d4	5.024	65	147990	45.153	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.300%
32) Benzene-d6	5.040	84	488992	41.631	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.260%
36) 1,2-Dichloropropane-d6	6.066	67	181743	49.687	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.380%
41) Toluene-d8	7.313	98	478707	44.094	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.180%
43) trans-1,3-Dichloroprop...	7.622	79	89697	49.827	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.660%
47) 2-Hexanone-d5	8.104	63	131942	110.059	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.060%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	223	0.049	ug/L	-0.06
Spiked Amount	50.000	Range	65 - 120	Recovery	=	0.100%#
66) 1,2-Dichlorobenzene-d4	11.628	152	219330	46.138	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.280%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.490	84	6741	1.949	ug/L	92
25) Chloroform	4.375	83	5761	1.031	ug/L #	32
29) Cyclohexane	4.664	56	7677	1.526	ug/L	99
35) Methylcyclohexane	6.108	83	299714	56.875	ug/L #	69
39) cis-1,3-Dichloropropene	6.982	75	4219	0.837	ug/L #	3
40) 4-Methyl-2-pentanone	7.259	43	44202	10.096	ug/L #	48
42) Toluene	7.394	91	15442	1.150	ug/L	91
44) trans-1,3-Dichloropropene	7.622	75	3270	0.688	ug/L #	9
45) 1,1,2-Trichloroethane	7.786	97	202021	63.363	ug/L #	19
48) 2-Hexanone	8.098	43	36991	10.908	ug/L #	1
52) Ethylbenzene	9.018	91	20283	1.416	ug/L	95
53) m,p-Xylene	9.143	106	20474	3.689	ug/L	92
54) o-Xylene	9.551	106	4778	0.868	ug/L	81
57) 1,1,2,2-Tetrachloroethane	10.243	83	231687	52.199	ug/L #	36
62) 1,3,5-Trimethylbenzene	10.542	105	17579	1.360	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	73518	5.595	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.416	75	1848	1.791	ug/L #	1
71) Naphthalene	13.503	128	30788	2.338	ug/L #	53
72) 1,2,3-Trichlorobenzene	13.767	180	2417	0.531	ug/L #	1

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Quant Title : VOC Analysis
QLast Update : Thu Aug 26 05:17:05 2021
Response via : Initial Calibration

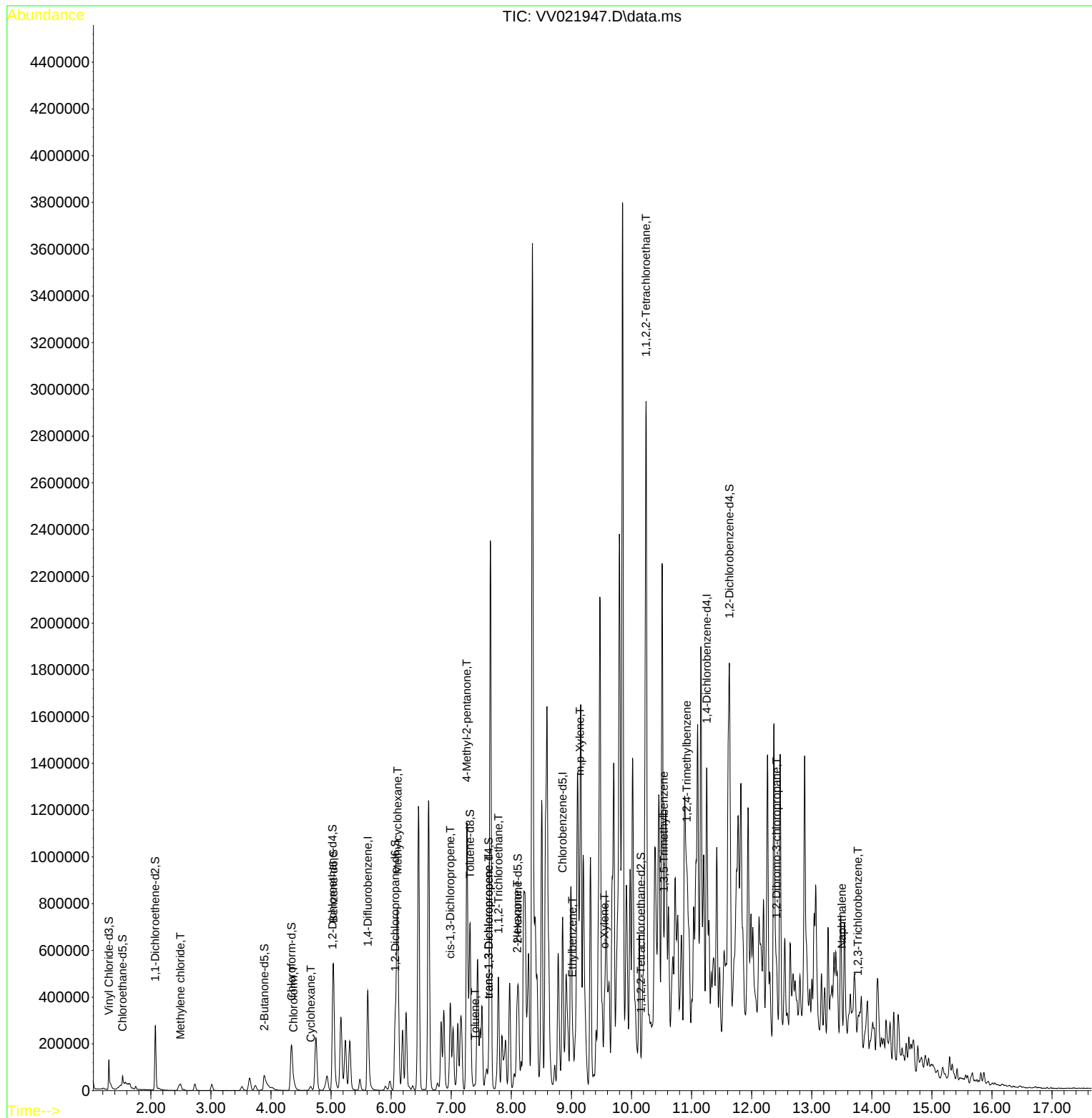
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

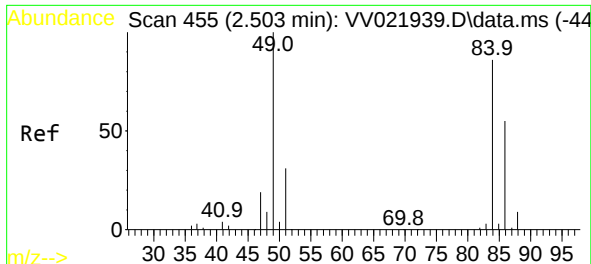
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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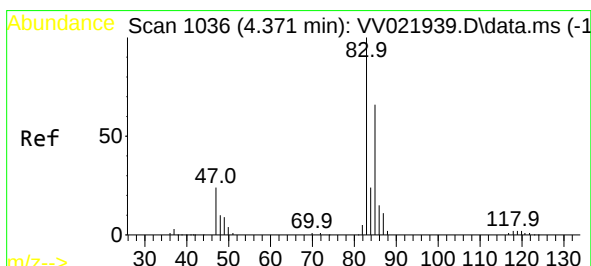
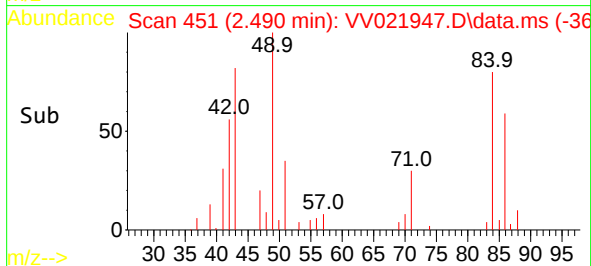
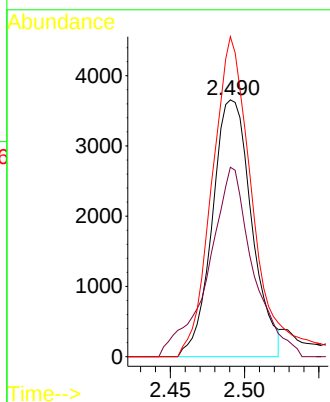
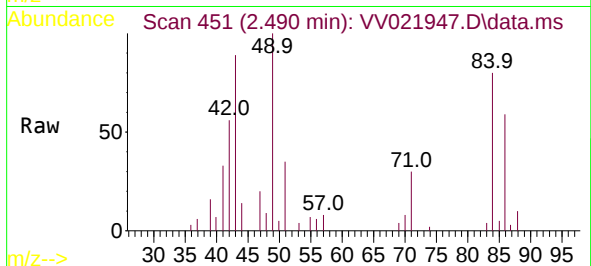




#16
Methylene chloride
Concen: 1.949 ug/L
RT: 2.490 min Scan# 451
Delta R.T. -0.013 min
Lab File: VV021947.D
Acq: 25 Aug 2021 14:24

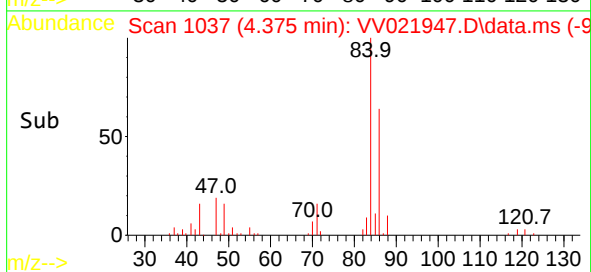
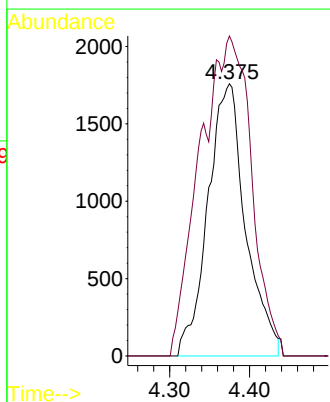
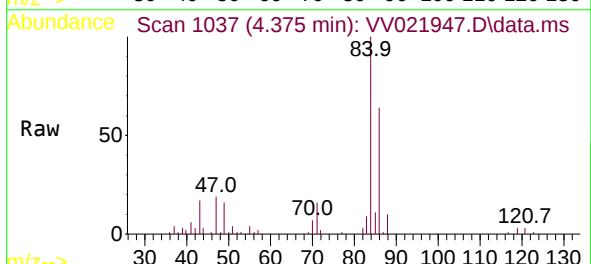
Instrument :
MSVOA_V
ClientSampleId :

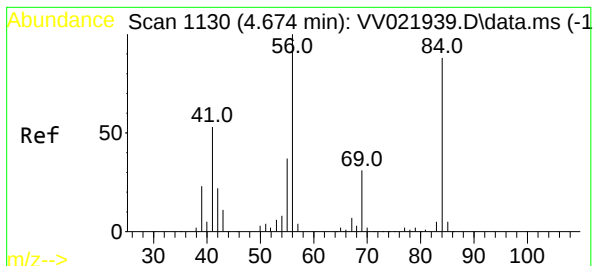
Tgt Ion: 84 Resp: 6741
Ion Ratio Lower Upper
84 100
86 73.8 44.7 83.1
49 124.6 82.5 153.3



#25
Chloroform
Concen: 1.031 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV021947.D
Acq: 25 Aug 2021 14:24

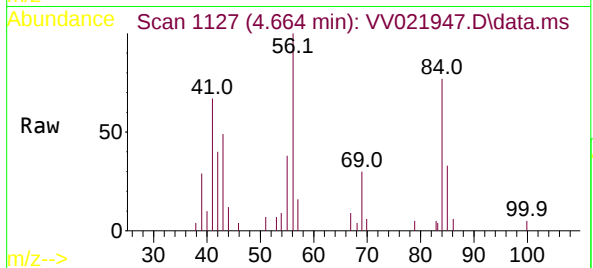
Tgt Ion: 83 Resp: 5761
Ion Ratio Lower Upper
83 100
85 117.6 44.8 83.2#



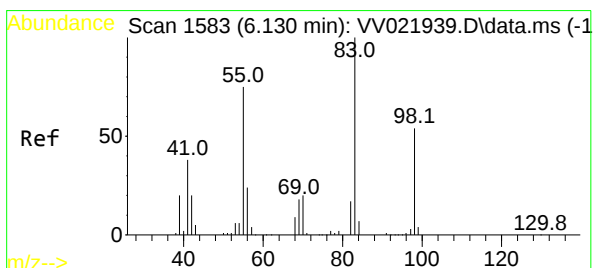
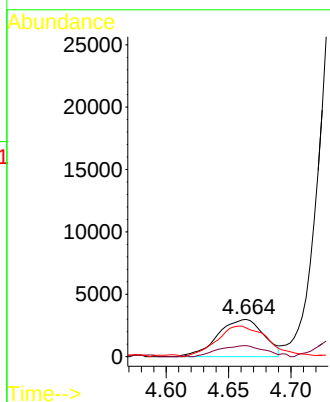
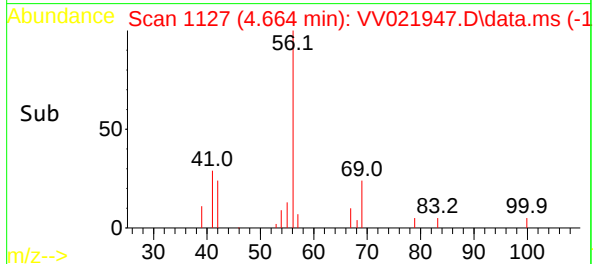


#29
Cyclohexane
Concen: 1.526 ug/L
RT: 4.664 min Scan# 1127
Delta R.T. -0.010 min
Lab File: VV021947.D
Acq: 25 Aug 2021 14:24

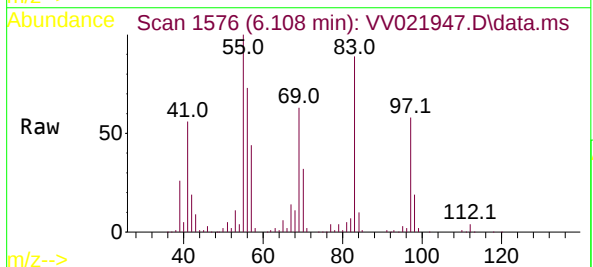
Instrument :
MSVOA_V
ClientSampled :



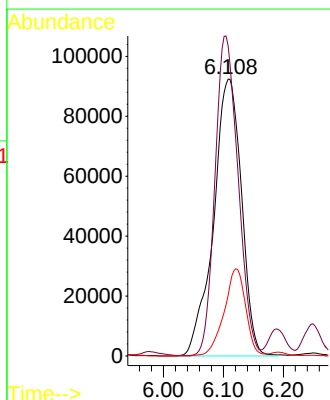
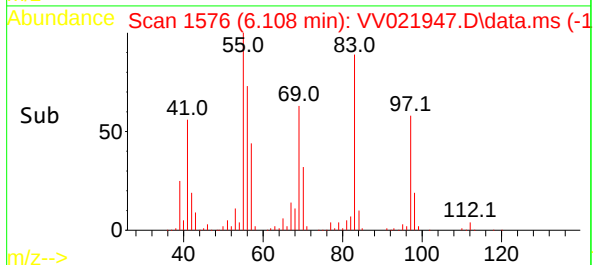
Tgt Ion: 56 Resp: 7677
Ion Ratio Lower Upper
56 100
69 29.1 24.9 37.3
84 90.8 72.6 109.0

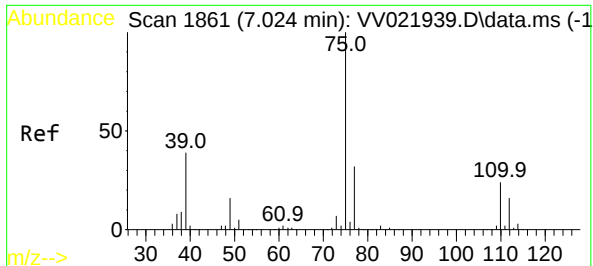


#35
Methylcyclohexane
Concen: 56.875 ug/L
RT: 6.108 min Scan# 1576
Delta R.T. -0.023 min
Lab File: VV021947.D
Acq: 25 Aug 2021 14:24



Tgt Ion: 83 Resp: 299714
Ion Ratio Lower Upper
83 100
55 94.8 57.9 86.9#
98 24.3 39.9 59.9#

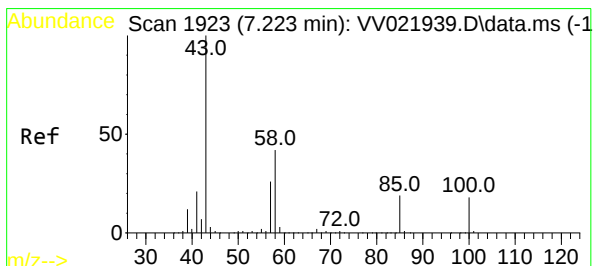
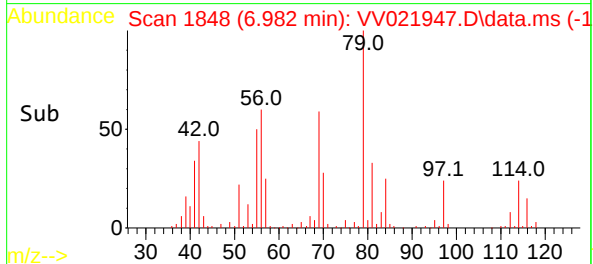
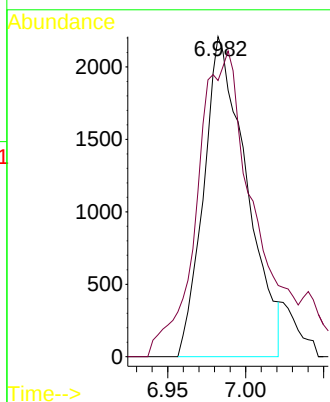
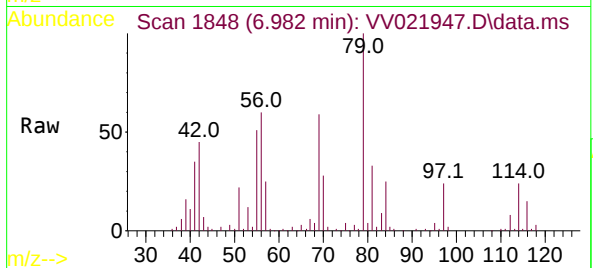




#39
cis-1,3-Dichloropropene
Concen: 0.837 ug/L
RT: 6.982 min Scan# 1848
Delta R.T. -0.042 min
Lab File: VV021947.D
Acq: 25 Aug 2021 14:24

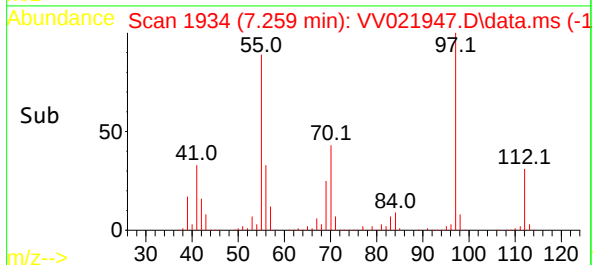
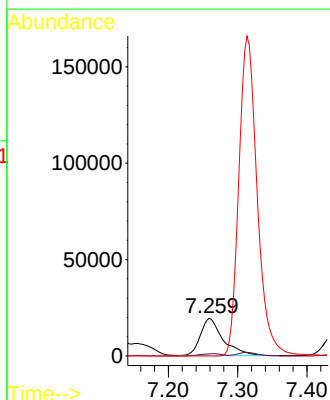
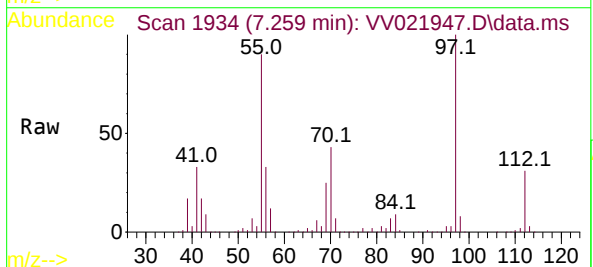
Instrument :
MSVOA_V
ClientSampleId :

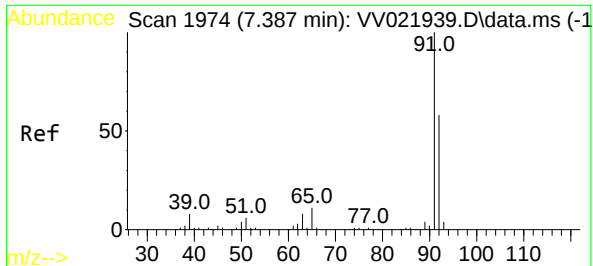
Tgt Ion: 75 Resp: 4219
Ion Ratio Lower Upper
75 100
77 86.3 22.5 41.9#



#40
4-Methyl-2-pentanone
Concen: 10.096 ug/L
RT: 7.259 min Scan# 1934
Delta R.T. 0.035 min
Lab File: VV021947.D
Acq: 25 Aug 2021 14:24

Tgt Ion: 43 Resp: 44202
Ion Ratio Lower Upper
43 100
58 5.6 32.9 49.3#
100 0.0 14.0 21.0#

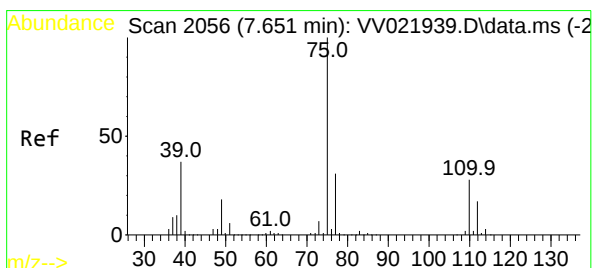
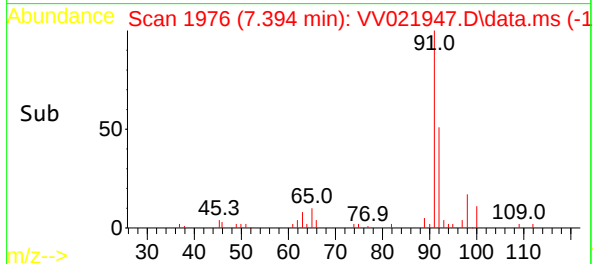
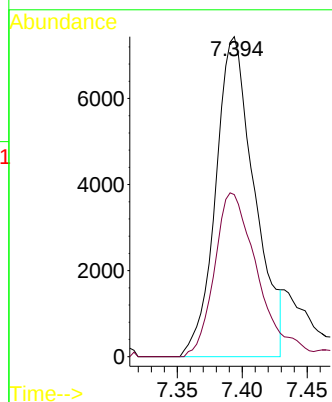
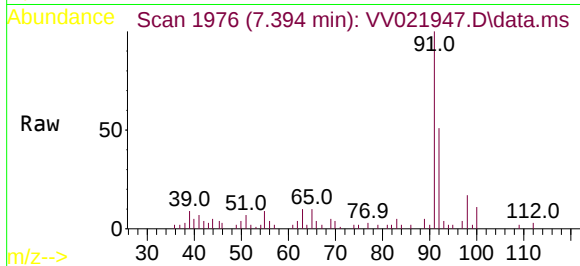




#42
Toluene
Concen: 1.150 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VV021947.D
Acq: 25 Aug 2021 14:24

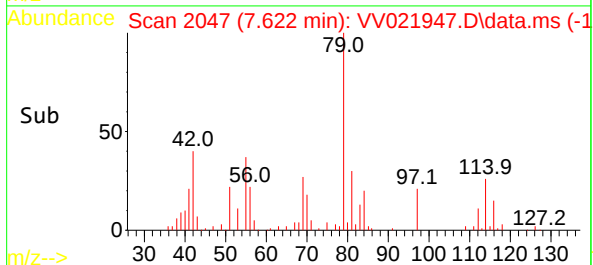
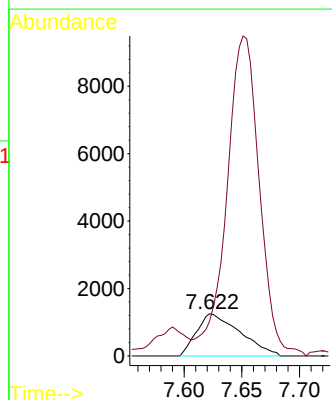
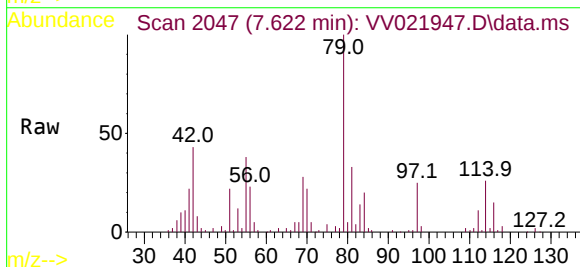
Instrument :
MSVOA_V
ClientSampled :

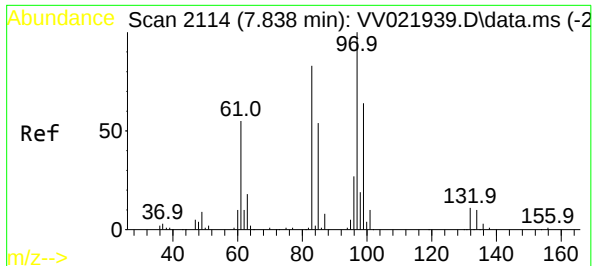
Tgt Ion: 91 Resp: 15442
Ion Ratio Lower Upper
91 100
92 50.7 40.1 74.5



#44
trans-1,3-Dichloropropene
Concen: 0.688 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV021947.D
Acq: 25 Aug 2021 14:24

Tgt Ion: 75 Resp: 3270
Ion Ratio Lower Upper
75 100
77 82.5 22.2 41.2#



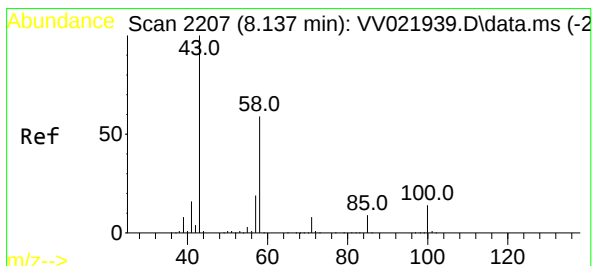
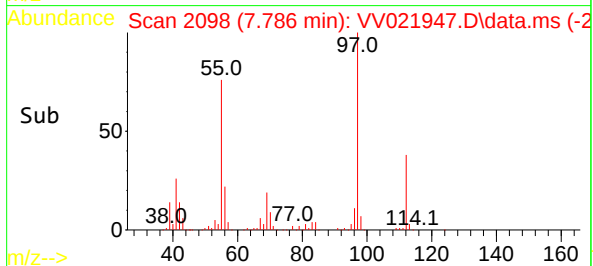
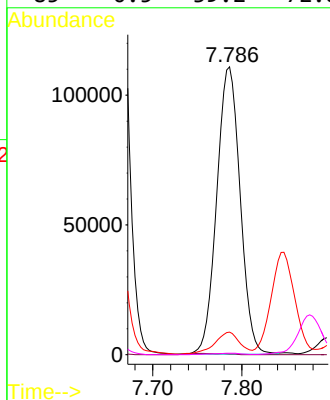
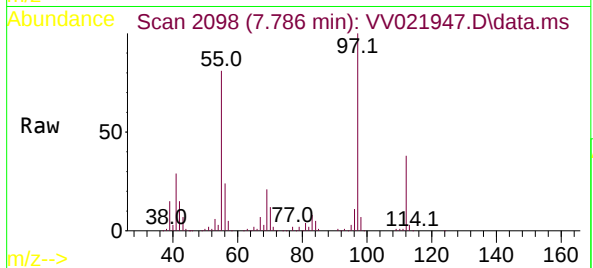


#45
1,1,2-Trichloroethane
Concen: 63.363 ug/L
RT: 7.786 min Scan# 2098
Delta R.T. -0.052 min
Lab File: VV021947.D
Acq: 25 Aug 2021 14:24

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 202021

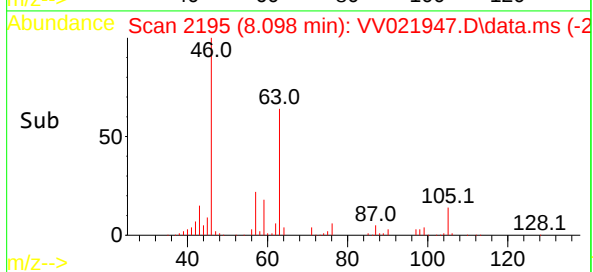
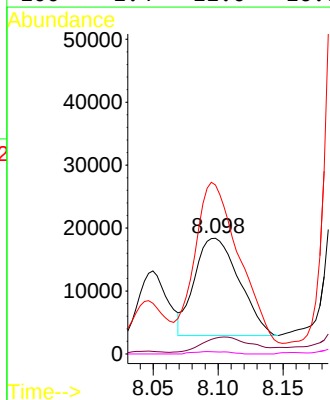
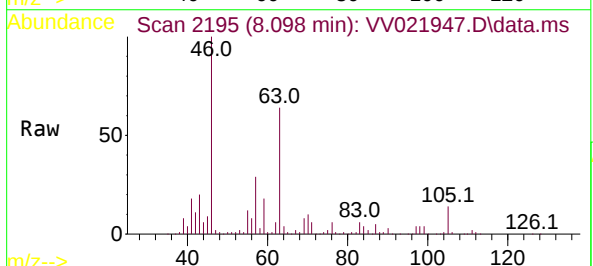
Ion	Ratio	Lower	Upper
97	100		
99	0.2	44.2	82.0#
83	7.9	59.2	110.0#
85	0.5	39.2	72.8#

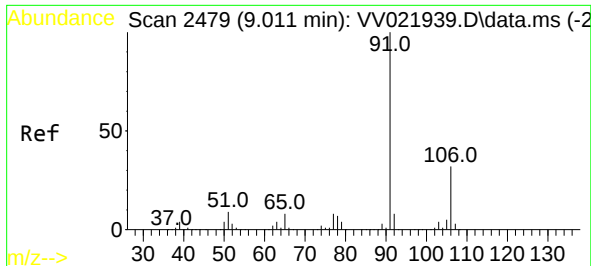


#48
2-Hexanone
Concen: 10.908 ug/L
RT: 8.098 min Scan# 2195
Delta R.T. -0.039 min
Lab File: VV021947.D
Acq: 25 Aug 2021 14:24

Tgt Ion: 43 Resp: 36991

Ion	Ratio	Lower	Upper
43	100		
58	16.5	45.4	68.2#
57	163.7	15.3	22.9#
100	1.4	11.0	16.6#

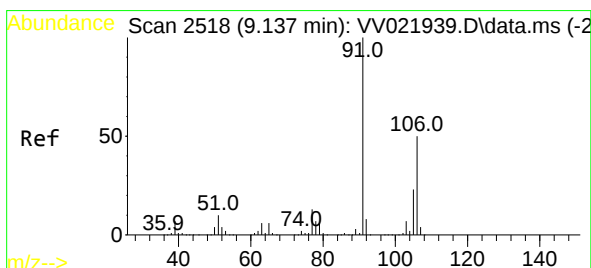
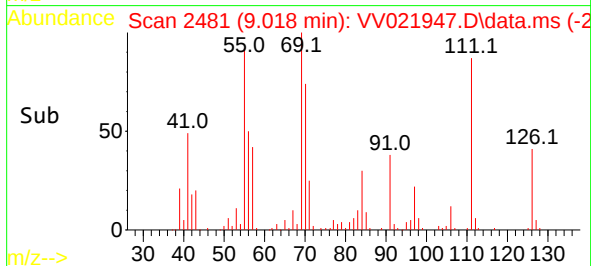
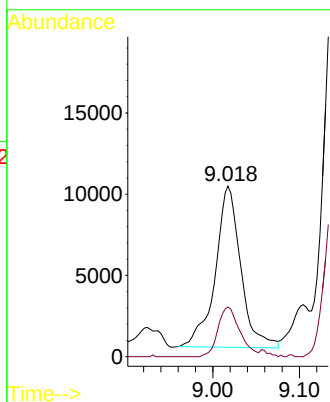
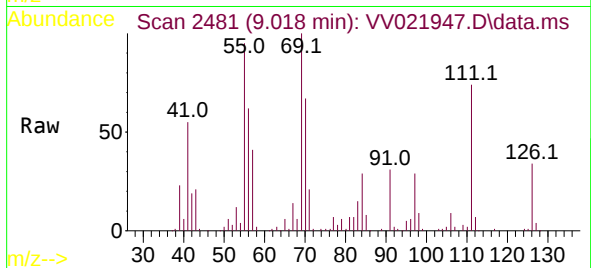




#52
Ethylbenzene
Concen: 1.416 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.006 min
Lab File: VV021947.D
Acq: 25 Aug 2021 14:24

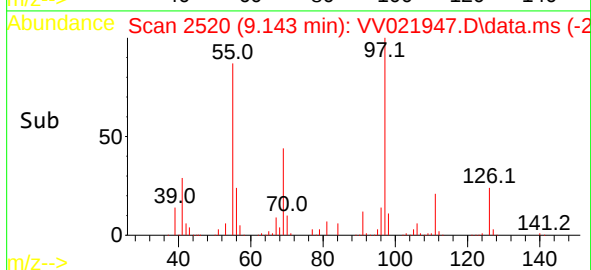
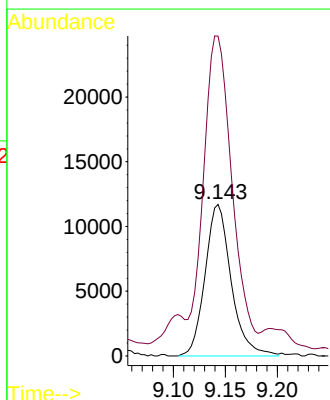
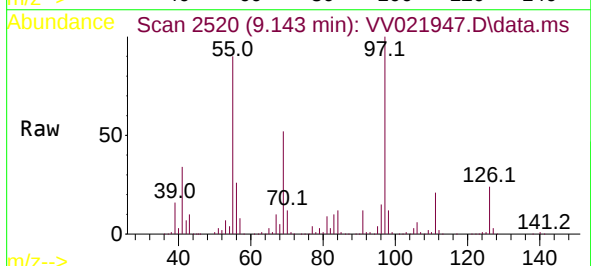
Instrument :
MSVOA_V
ClientSampled :

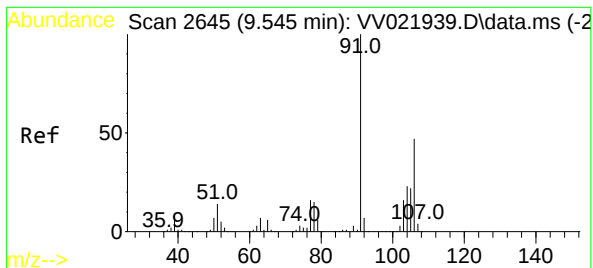
Tgt Ion: 91 Resp: 20283
Ion Ratio Lower Upper
91 100
106 29.2 22.2 41.2



#53
m,p-Xylene
Concen: 3.689 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV021947.D
Acq: 25 Aug 2021 14:24

Tgt Ion: 106 Resp: 20474
Ion Ratio Lower Upper
106 100
91 211.0 139.2 258.6

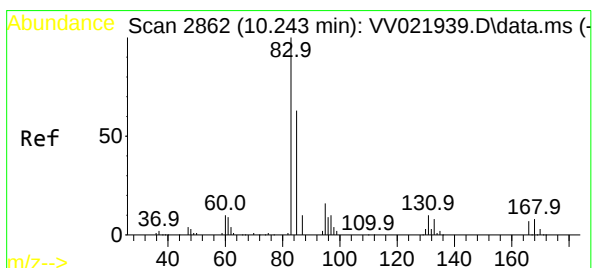
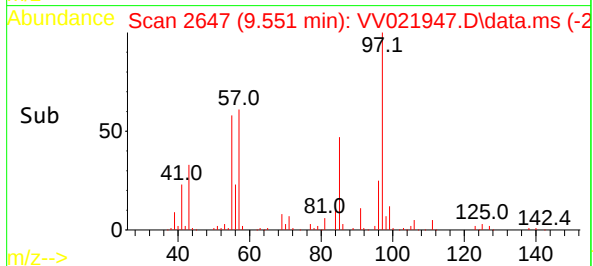
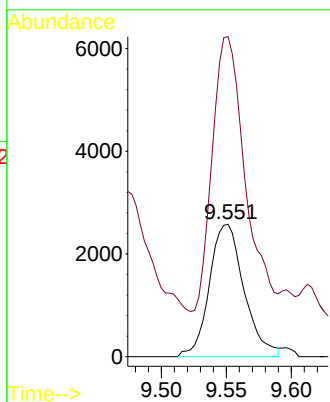
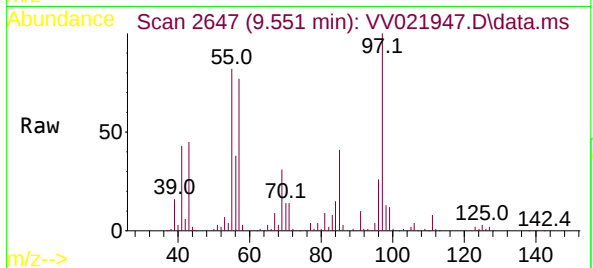




#54
o-Xylene
Concen: 0.868 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.006 min
Lab File: VV021947.D
Acq: 25 Aug 2021 14:24

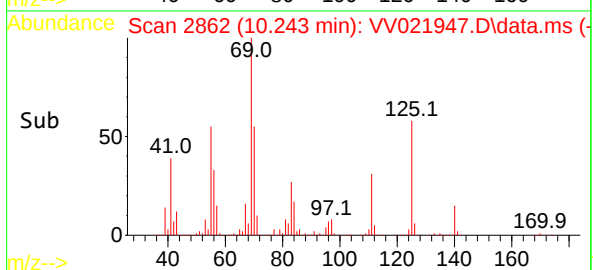
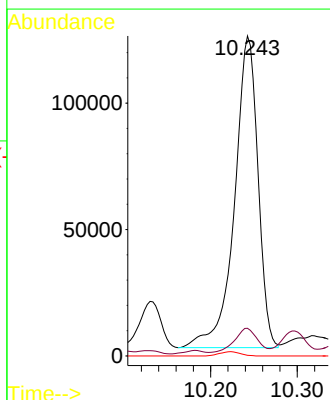
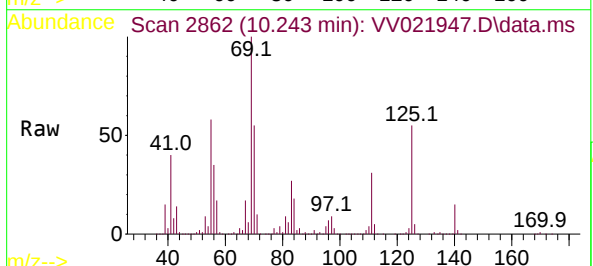
Instrument :
MSVOA_V
ClientSampled :

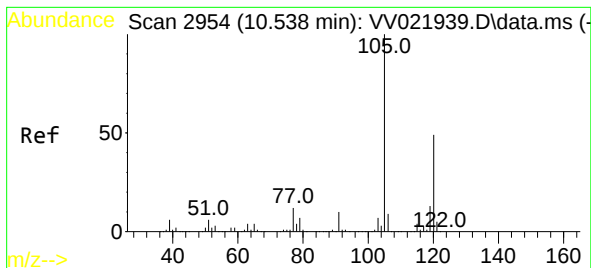
Tgt Ion:106 Resp: 4778
Ion Ratio Lower Upper
106 100
91 241.7 148.1 275.0



#57
1,1,2,2-Tetrachloroethane
Concen: 52.199 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV021947.D
Acq: 25 Aug 2021 14:24

Tgt Ion: 83 Resp: 231687
Ion Ratio Lower Upper
83 100
85 8.7 44.4 82.5#
131 0.2 7.9 11.9#

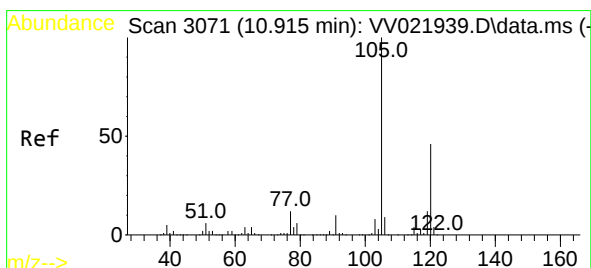
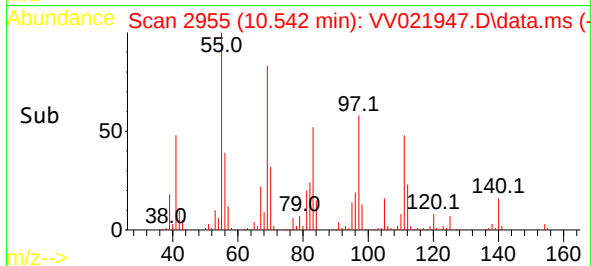
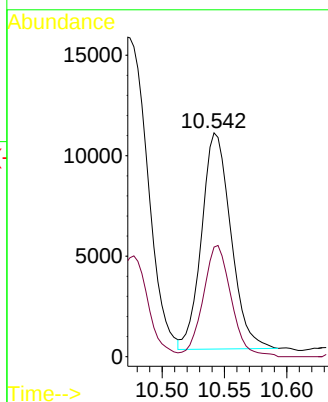
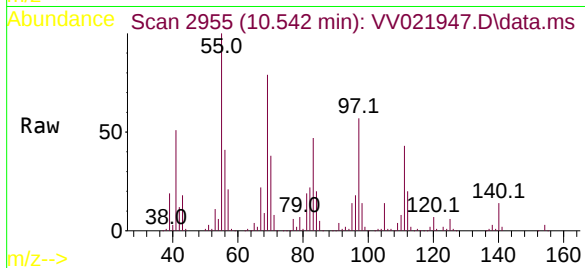




#62
1,3,5-Trimethylbenzene
Concen: 1.360 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV021947.D
Acq: 25 Aug 2021 14:24

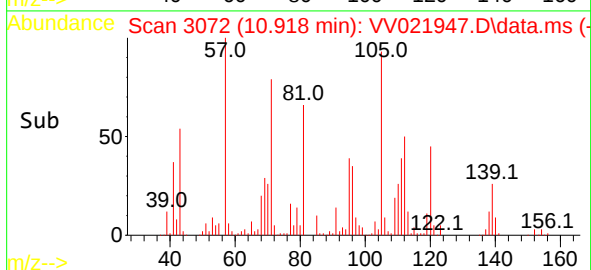
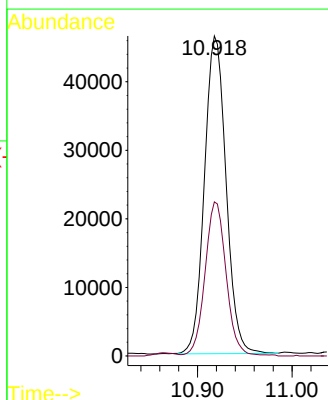
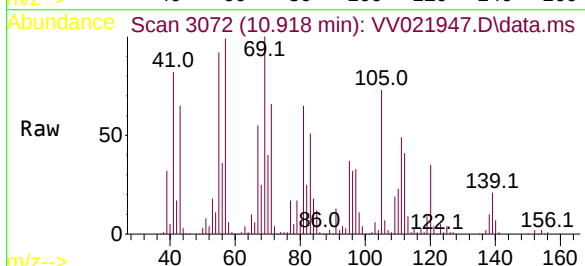
Instrument :
MSVOA_V
ClientSampleId :

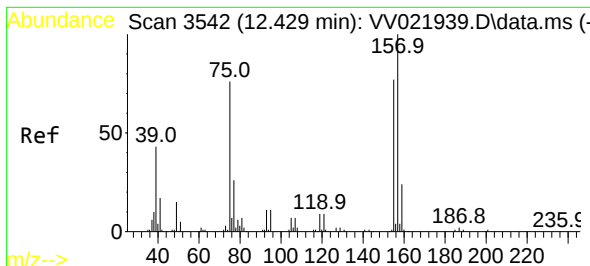
Tgt Ion:105 Resp: 17579
Ion Ratio Lower Upper
105 100
120 49.5 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 5.595 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV021947.D
Acq: 25 Aug 2021 14:24

Tgt Ion:105 Resp: 73518
Ion Ratio Lower Upper
105 100
120 46.6 37.3 55.9

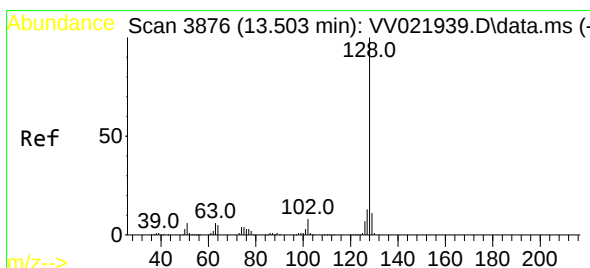
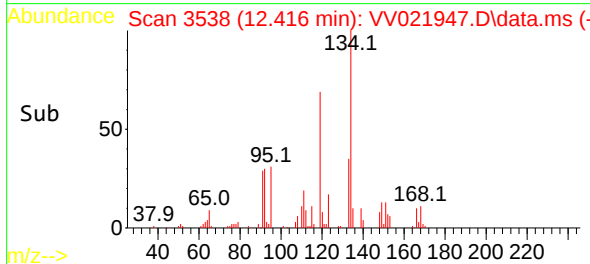
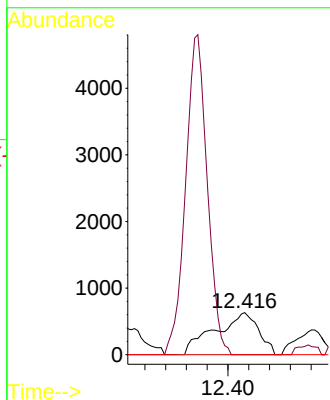
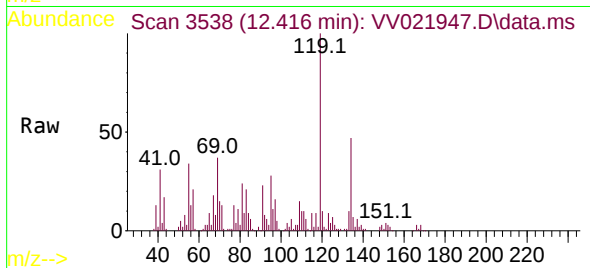




#68
1,2-Dibromo-3-chloropropane
Concen: 1.791 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. -0.013 min
Lab File: VV021947.D
Acq: 25 Aug 2021 14:24

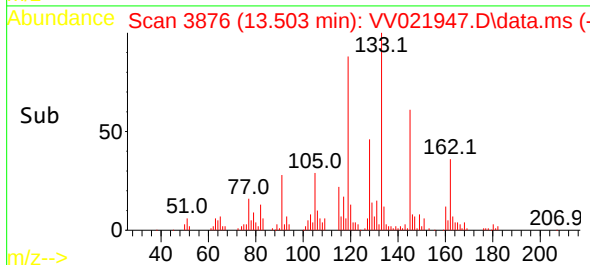
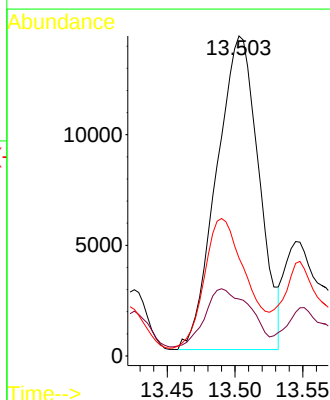
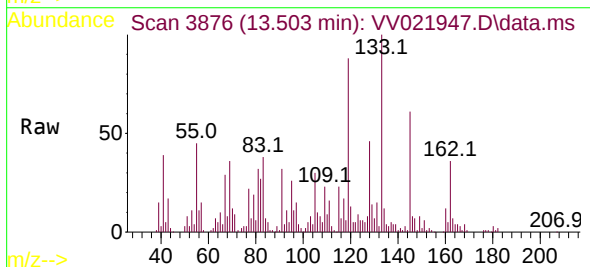
Instrument :
MSVOA_V
ClientSampleId :

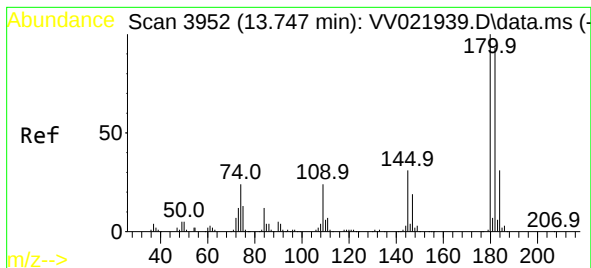
Tgt Ion: 75 Resp: 1848
Ion Ratio Lower Upper
75 100
155 0.0 77.8 116.8#
157 0.0 99.4 149.0#



#71
Naphthalene
Concen: 2.338 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV021947.D
Acq: 25 Aug 2021 14:24

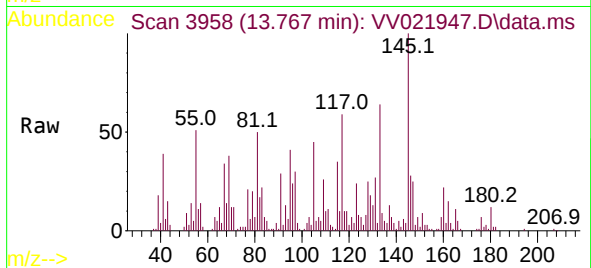
Tgt Ion: 128 Resp: 30788
Ion Ratio Lower Upper
128 100
127 19.7 10.0 15.0#
129 41.3 8.5 12.7#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.531 ug/L
 RT: 13.767 min Scan# 3958
 Delta R.T. 0.019 min
 Lab File: VV021947.D
 Acq: 25 Aug 2021 14:24

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 2417
 Ion Ratio Lower Upper
 180 100
 182 13.5 76.2 114.2#
 145 2317.3 25.6 38.4#

