

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082521\
 Data File : VV021948.D
 Acq On : 25 Aug 2021 14:47
 Operator : SY/MD
 Sample : M3526-07ME
 Misc : 6.19g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 26 05:19:28 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)

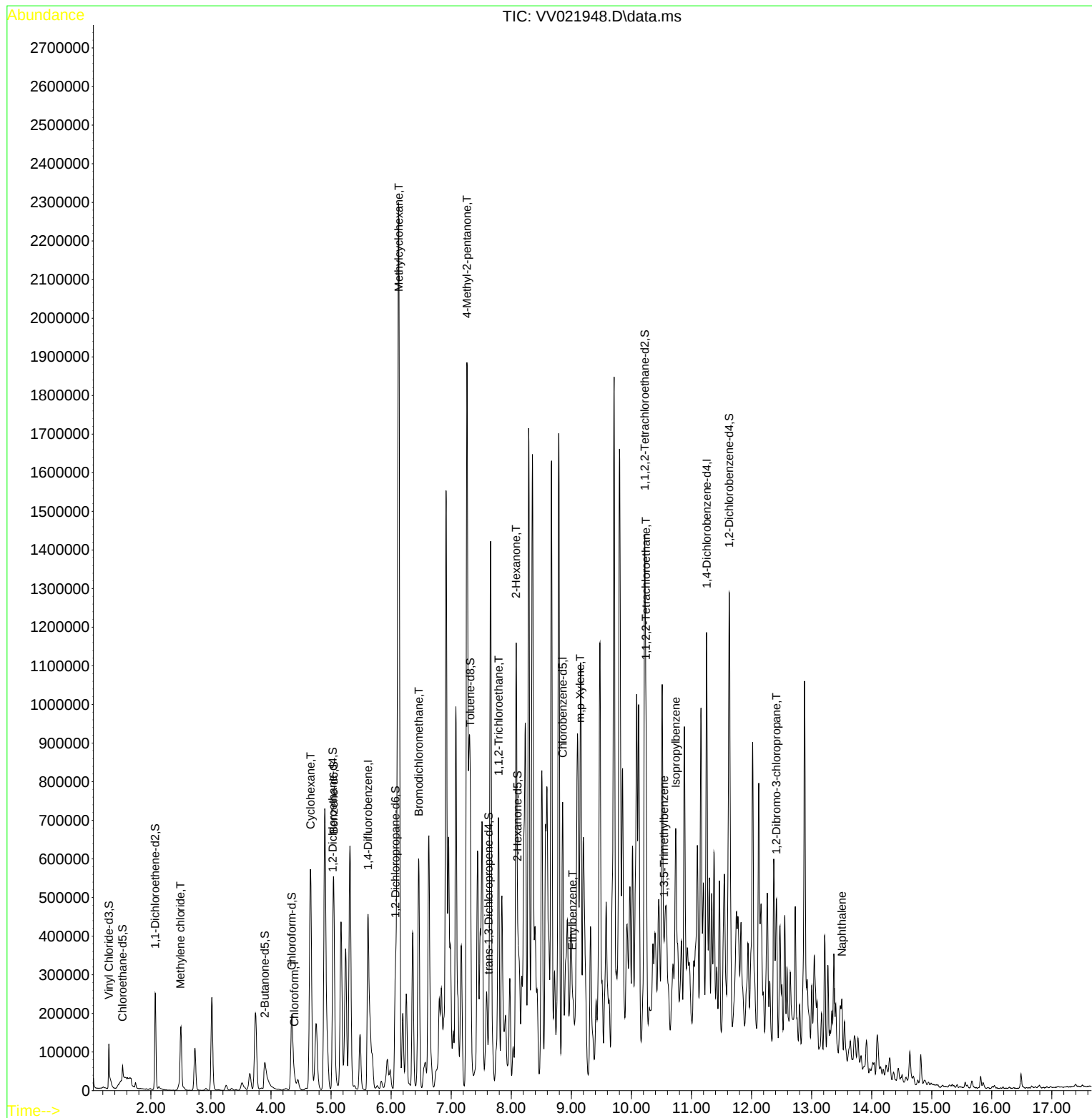
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	436599	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	410509	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	227748	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	109621	32.117	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	64.240%		
7) Chloroethane-d5	1.529	69	27631	10.728	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	21.460%#		
11) 1,1-Dichloroethene-d2	2.072	63	127543	23.475	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	46.960%#		
21) 2-Butanone-d5	3.895	46	173172	81.578	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	81.580%		
24) Chloroform-d	4.346	84	218094	36.881	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	73.760%		
26) 1,2-Dichloroethane-d4	5.030	65	144948	42.613	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.220%		
32) Benzene-d6	5.043	84	485966	41.167	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.340%		
36) 1,2-Dichloropropane-d6	6.072	67	158197	43.034	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.060%		
41) Toluene-d8	7.317	98	479332	43.931	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.860%		
43) trans-1,3-Dichloroprop...	7.625	79	68174	37.682	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.360%		
47) 2-Hexanone-d5	8.104	63	133928	111.157	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	111.160%		
56) 1,1,2,2-Tetrachloroeth...	10.223	84	236144	51.837	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	103.680%		
66) 1,2-Dichlorobenzene-d4	11.628	152	207149	43.950	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.900%		
Target Compounds						Qvalue
16) Methylene chloride	2.494	84	8207	2.286	ug/L #	69
25) Chloroform	4.387	83	14049	2.422	ug/L	95
29) Cyclohexane	4.661	56	182229	36.044	ug/L #	79
35) Methylcyclohexane	6.127	83	1116244	210.765	ug/L	94
38) Bromodichloromethane	6.461	83	15864	3.763	ug/L #	96
40) 4-Methyl-2-pentanone	7.262	43	77828	17.688	ug/L #	46
45) 1,1,2-Trichloroethane	7.789	97	278520	86.920	ug/L #	19
48) 2-Hexanone	8.082	43	384403	112.784	ug/L #	24
52) Ethylbenzene	9.021	91	25502	1.772	ug/L	97
53) m,p-Xylene	9.146	106	12953	2.322	ug/L	74
57) 1,1,2,2-Tetrachloroethane	10.242	83	72359	16.221	ug/L #	38
60) Isopropylbenzene	10.741	105	169596	11.107	ug/L	92
62) 1,3,5-Trimethylbenzene	10.545	105	11449	0.894	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.416	75	1352	1.321	ug/L #	25
71) Naphthalene	13.506	128	100502	7.697	ug/L #	95

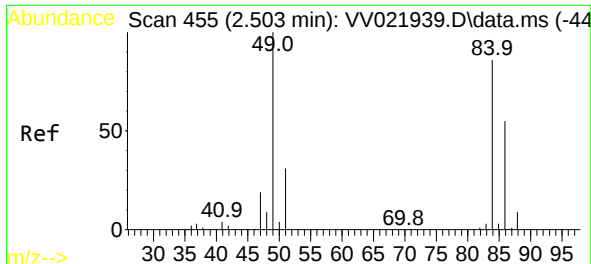
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VV021948.D
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Quant Time: Aug 26 05:19:28 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

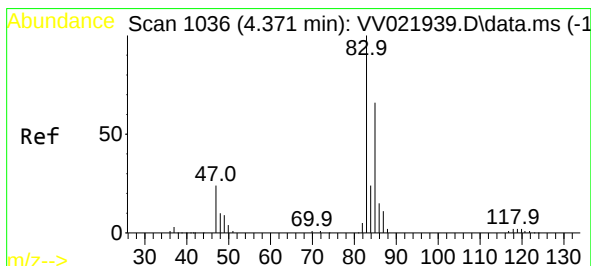
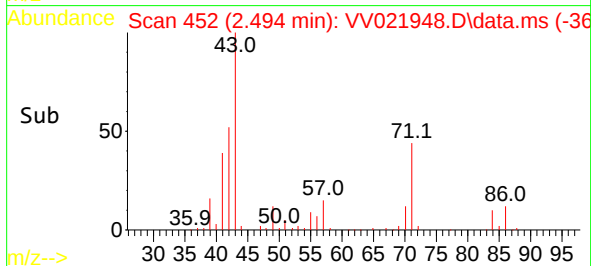
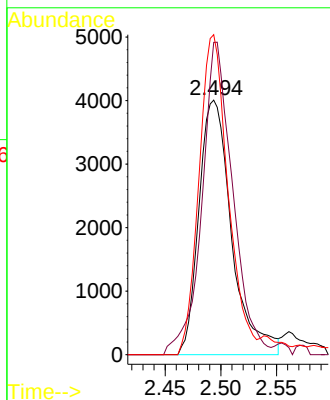
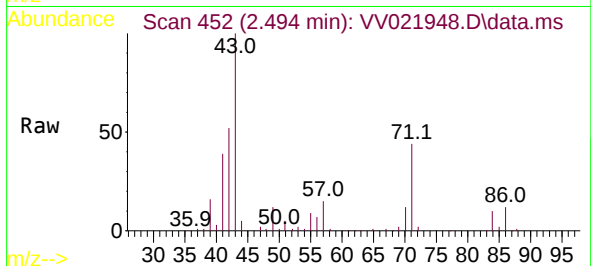




#16
Methylene chloride
Concen: 2.286 ug/L
RT: 2.494 min Scan# 452
Delta R.T. -0.010 min
Lab File: VV021948.D
Acq: 25 Aug 2021 14:47

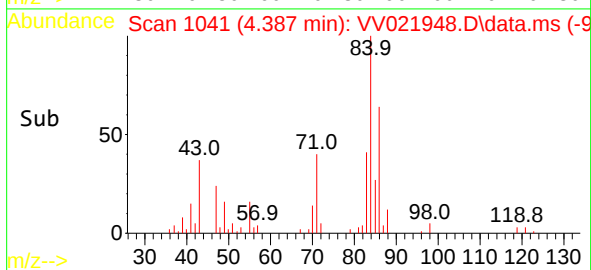
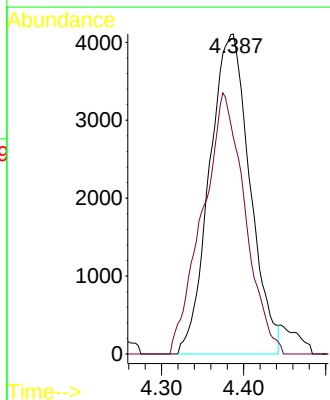
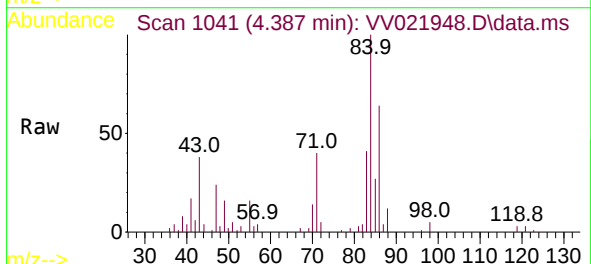
Instrument :
MSVOA_V
ClientSampleId :

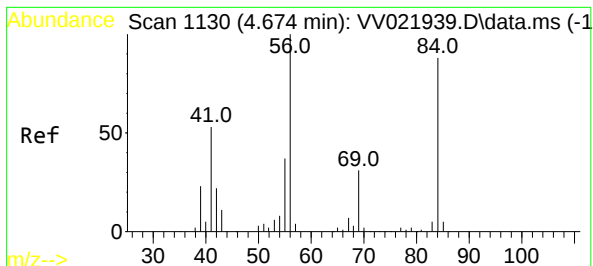
Tgt Ion: 84 Resp: 8207
Ion Ratio Lower Upper
84 100
86 122.7 44.7 83.1#
49 125.7 82.5 153.3



#25
Chloroform
Concen: 2.422 ug/L
RT: 4.387 min Scan# 1041
Delta R.T. 0.016 min
Lab File: VV021948.D
Acq: 25 Aug 2021 14:47

Tgt Ion: 83 Resp: 14049
Ion Ratio Lower Upper
83 100
85 67.8 44.8 83.2





#29

Cyclohexane

Concen: 36.044 ug/L

RT: 4.661 min Scan# 1126

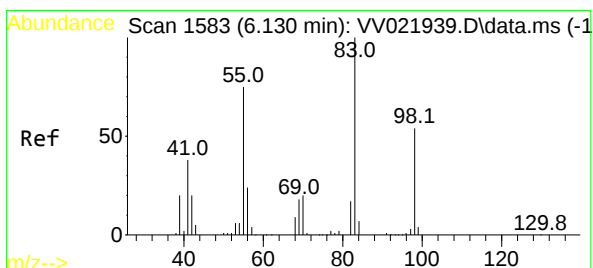
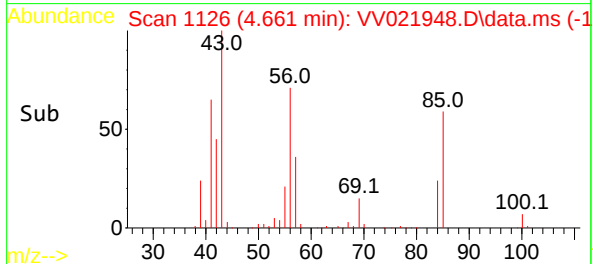
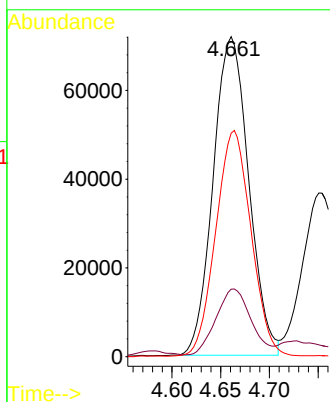
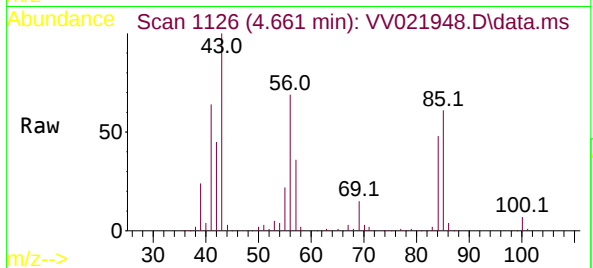
Delta R.T. -0.013 min

Lab File: VV021948.D

Acq: 25 Aug 2021 14:47

Tgt Ion: 56	Resp: 182229
Ion Ratio	Lower Upper
56	100
69	20.2 24.9 37.3#
84	70.3 72.6 109.0#

Instrument :
MSVOA_V
ClientSampled :



#35

Methylcyclohexane

Concen: 210.765 ug/L

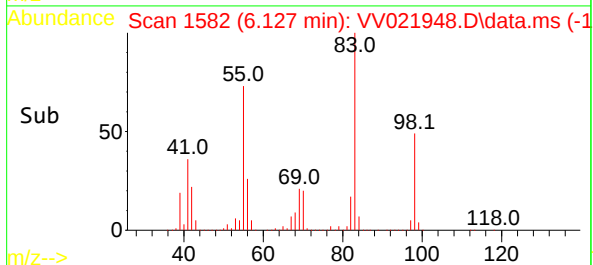
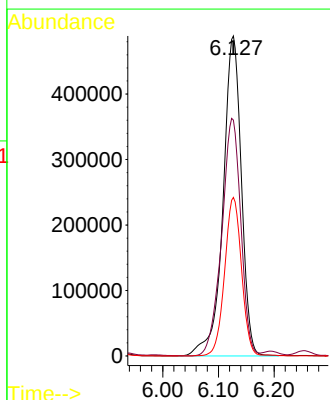
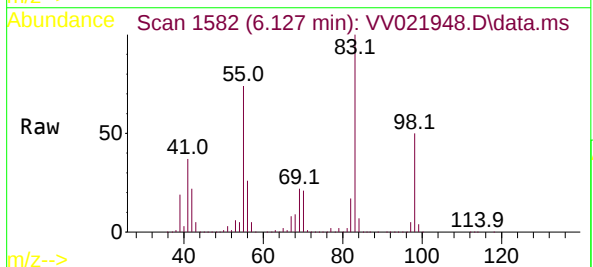
RT: 6.127 min Scan# 1582

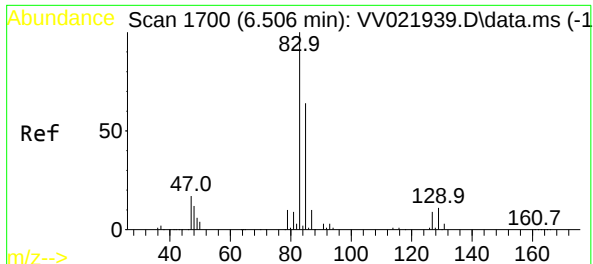
Delta R.T. -0.003 min

Lab File: VV021948.D

Acq: 25 Aug 2021 14:47

Tgt Ion: 83	Resp: 1116244
Ion Ratio	Lower Upper
83	100
55	77.3 57.9 86.9
98	45.7 39.9 59.9

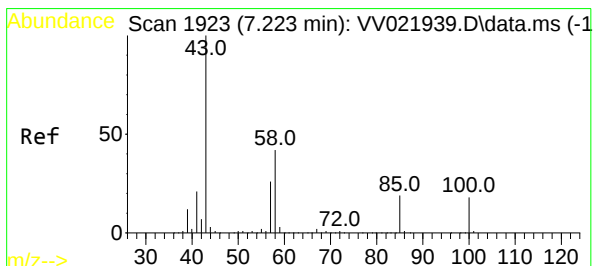
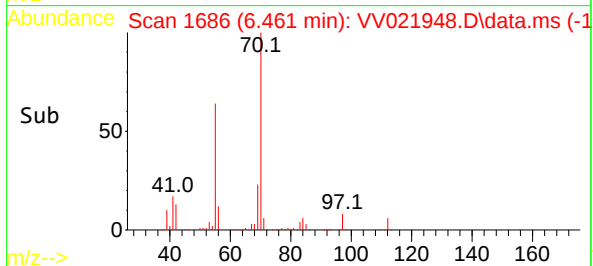
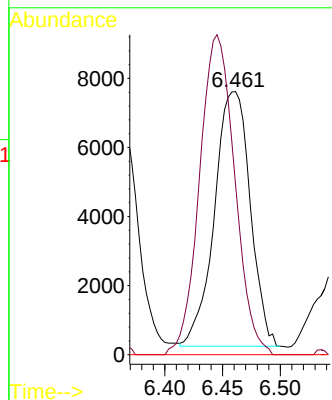
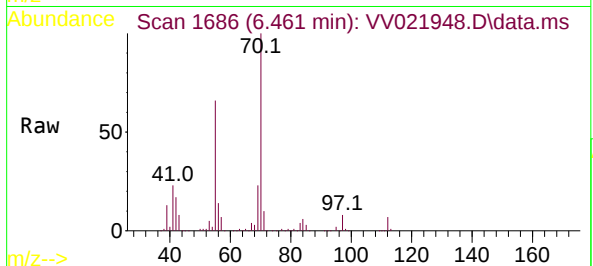




#38
Bromodichloromethane
Concen: 3.763 ug/L
RT: 6.461 min Scan# 1686
Delta R.T. -0.045 min
Lab File: VV021948.D
Acq: 25 Aug 2021 14:47

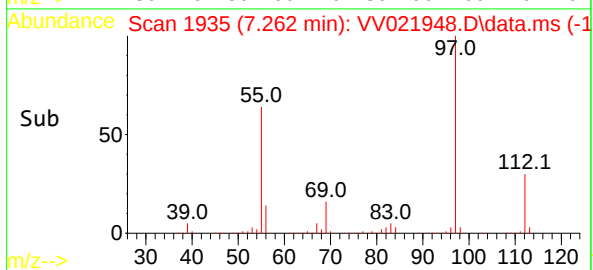
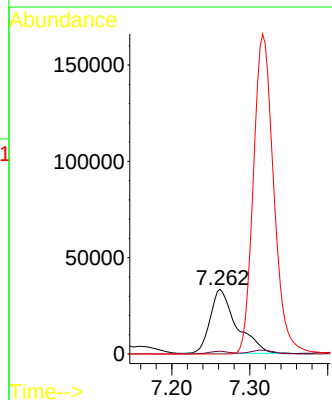
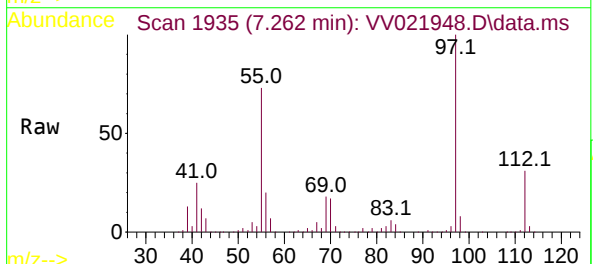
Instrument :
MSVOA_V
ClientSampleId :

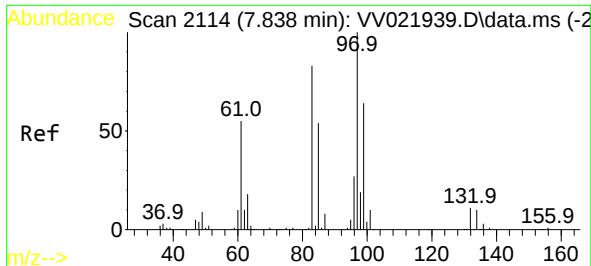
Tgt Ion: 83 Resp: 15864
Ion Ratio Lower Upper
83 100
85 64.6 45.7 84.9
127 0.0 7.4 11.2#



#40
4-Methyl-2-pentanone
Concen: 17.688 ug/L
RT: 7.262 min Scan# 1935
Delta R.T. 0.038 min
Lab File: VV021948.D
Acq: 25 Aug 2021 14:47

Tgt Ion: 43 Resp: 77828
Ion Ratio Lower Upper
43 100
58 3.5 32.9 49.3#
100 0.0 14.0 21.0#

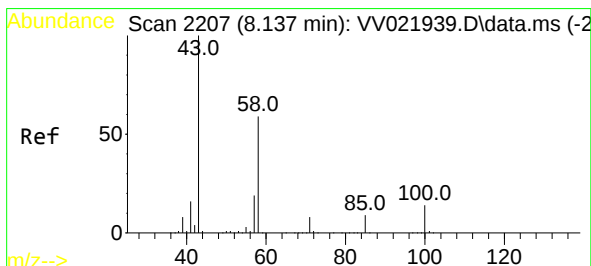
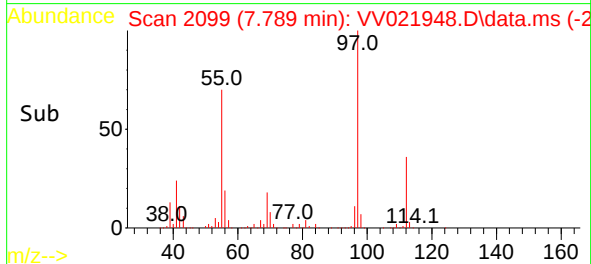
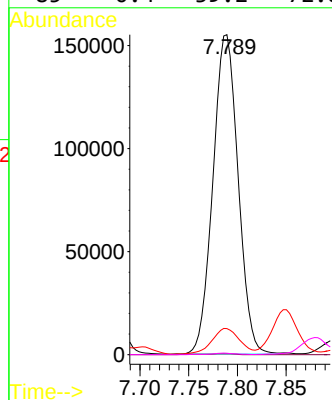
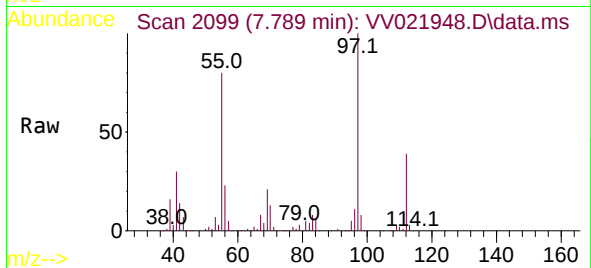




#45
1,1,2-Trichloroethane
Concen: 86.920 ug/L
RT: 7.789 min Scan# 2099
Delta R.T. -0.048 min
Lab File: VV021948.D
Acq: 25 Aug 2021 14:47

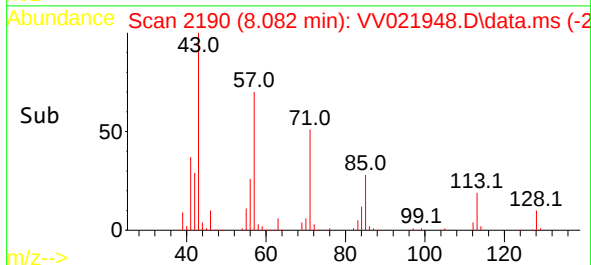
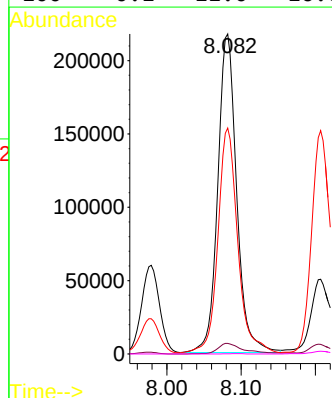
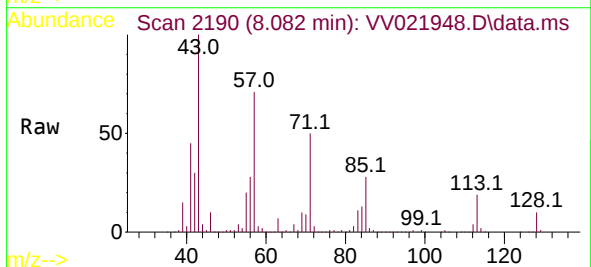
Instrument :
MSVOA_V
ClientSampleId :

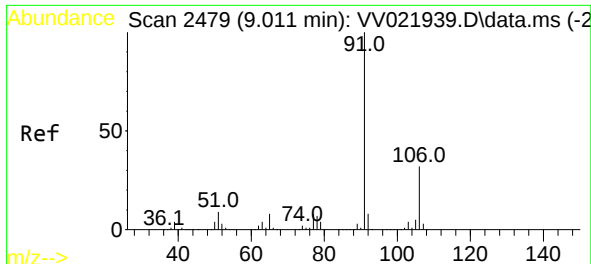
Tgt Ion: 97 Resp: 278520
Ion Ratio Lower Upper
97 100
99 0.2 44.2 82.0#
83 8.1 59.2 110.0#
85 0.4 39.2 72.8#



#48
2-Hexanone
Concen: 112.784 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.055 min
Lab File: VV021948.D
Acq: 25 Aug 2021 14:47

Tgt Ion: 43 Resp: 384403
Ion Ratio Lower Upper
43 100
58 4.3 45.4 68.2#
57 73.7 15.3 22.9#
100 0.1 11.0 16.6#

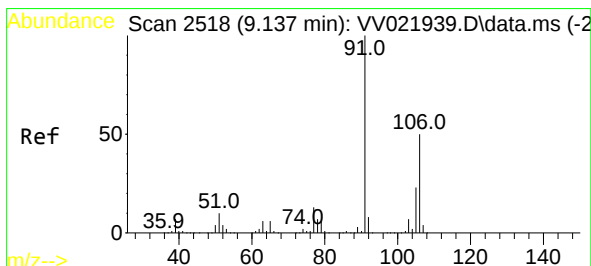
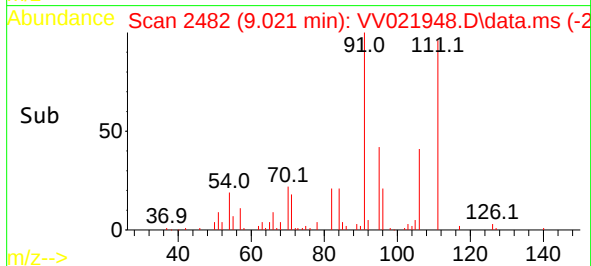
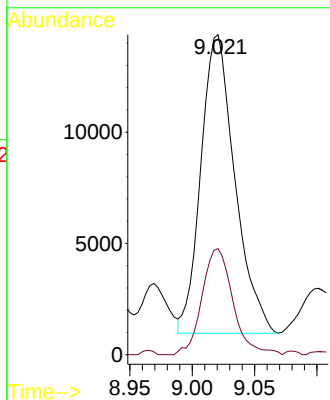
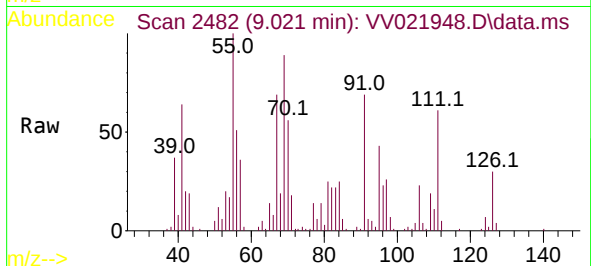




#52
Ethylbenzene
Concen: 1.772 ug/L
RT: 9.021 min Scan# 2482
Delta R.T. 0.009 min
Lab File: VV021948.D
Acq: 25 Aug 2021 14:47

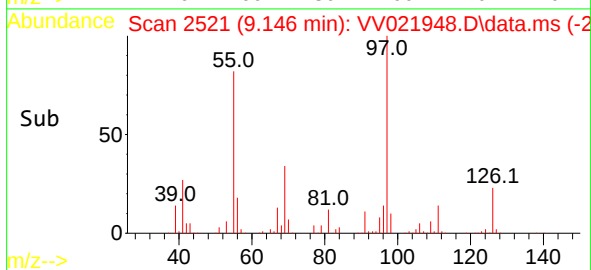
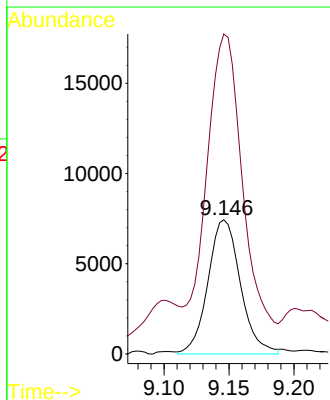
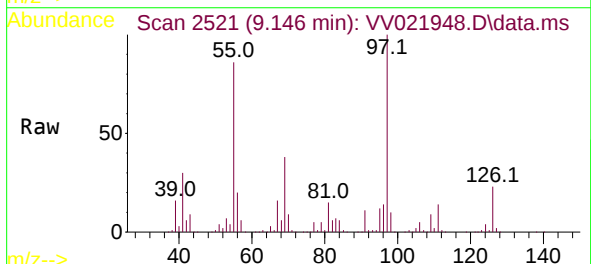
Instrument :
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ClientSampled :

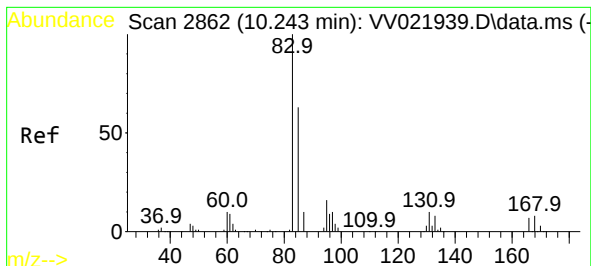
Tgt Ion: 91 Resp: 25502
Ion Ratio Lower Upper
91 100
106 33.2 22.2 41.2



#53
m,p-Xylene
Concen: 2.322 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.009 min
Lab File: VV021948.D
Acq: 25 Aug 2021 14:47

Tgt Ion: 106 Resp: 12953
Ion Ratio Lower Upper
106 100
91 238.3 139.2 258.6

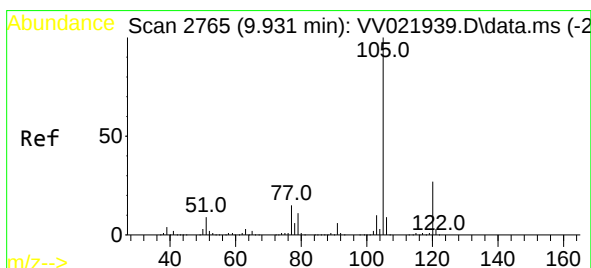
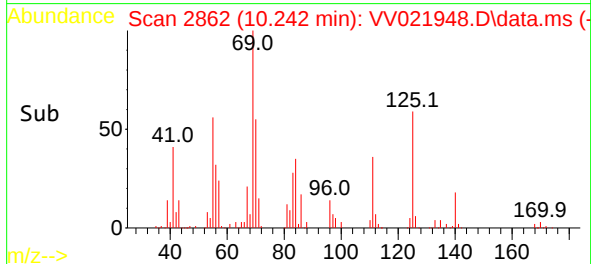
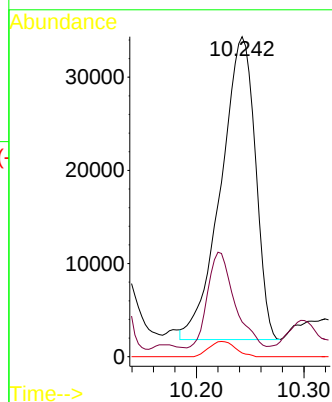
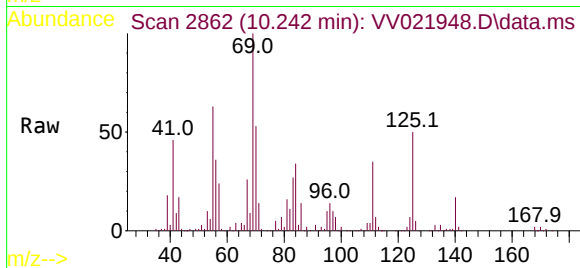




#57
1,1,2,2-Tetrachloroethane
Concen: 16.221 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV021948.D
Acq: 25 Aug 2021 14:47

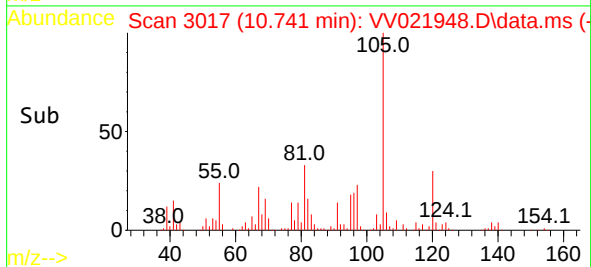
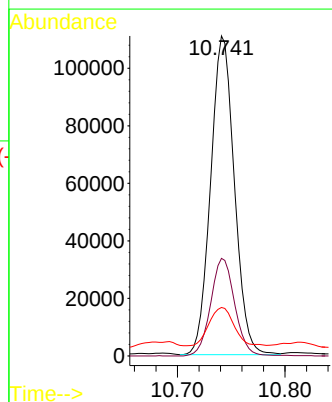
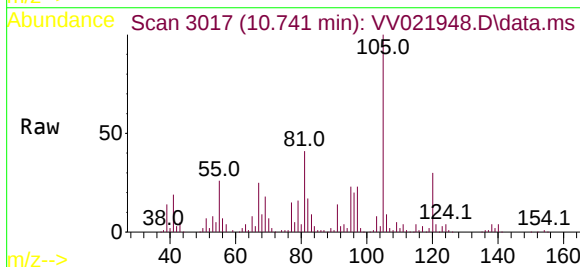
Instrument :
MSVOA_V
ClientSampled :

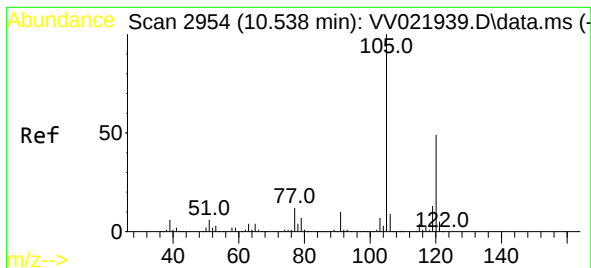
Tgt Ion: 83 Resp: 72359
Ion Ratio Lower Upper
83 100
85 10.8 44.4 82.5#
131 1.4 7.9 11.9#



#60
Isopropylbenzene
Concen: 11.107 ug/L
RT: 10.741 min Scan# 3017
Delta R.T. 0.810 min
Lab File: VV021948.D
Acq: 25 Aug 2021 14:47

Tgt Ion:105 Resp: 169596
Ion Ratio Lower Upper
105 100
120 31.0 21.3 31.9
77 12.2 11.8 17.8

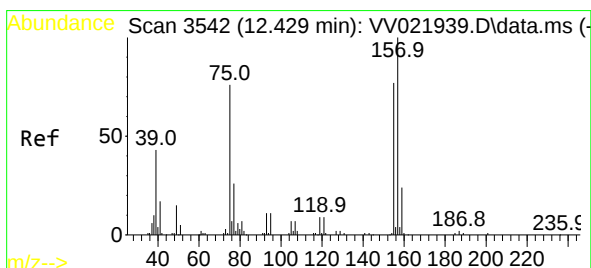
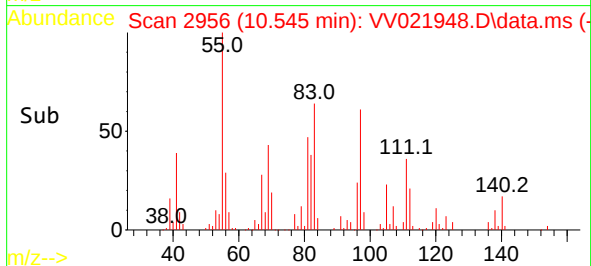
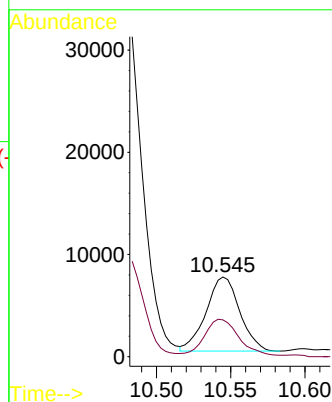
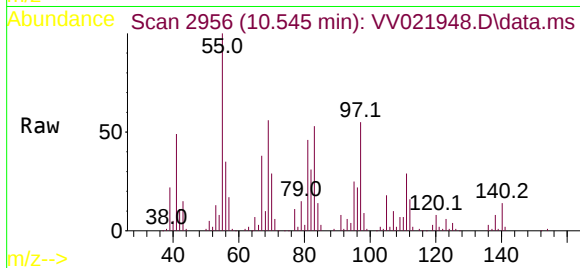




#62
1,3,5-Trimethylbenzene
Concen: 0.894 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. 0.006 min
Lab File: VV021948.D
Acq: 25 Aug 2021 14:47

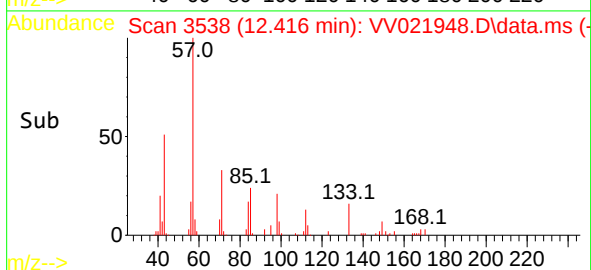
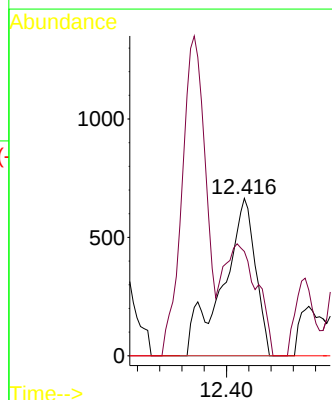
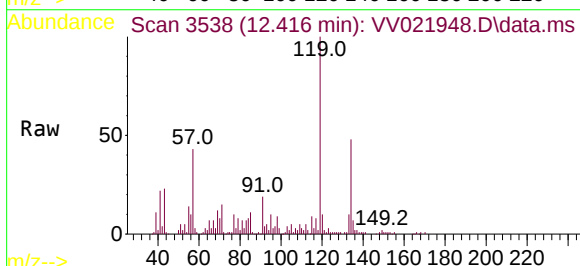
Instrument :
MSVOA_V
ClientSampled :

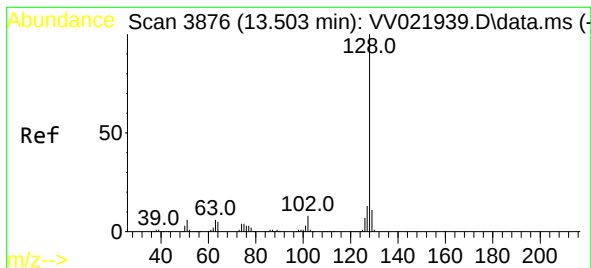
Tgt Ion:105 Resp: 11449
Ion Ratio Lower Upper
105 100
120 48.3 40.2 60.4



#68
1,2-Dibromo-3-chloropropane
Concen: 1.321 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. -0.013 min
Lab File: VV021948.D
Acq: 25 Aug 2021 14:47

Tgt Ion: 75 Resp: 1352
Ion Ratio Lower Upper
75 100
155 66.3 77.8 116.8#
157 0.0 99.4 149.0#





#71
Naphthalene
Concen: 7.697 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV021948.D
Acq: 25 Aug 2021 14:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 100502
Ion Ratio Lower Upper
128 100
127 11.6 10.0 15.0
129 14.0 8.5 12.7#

