

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101521\
 Data File : VV022837.D
 Acq On : 15 Oct 2021 15:31
 Operator : SY/MD
 Sample : M4223-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 16 05:28:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 16 05:27:41 2021
 Response via : Initial Calibration

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

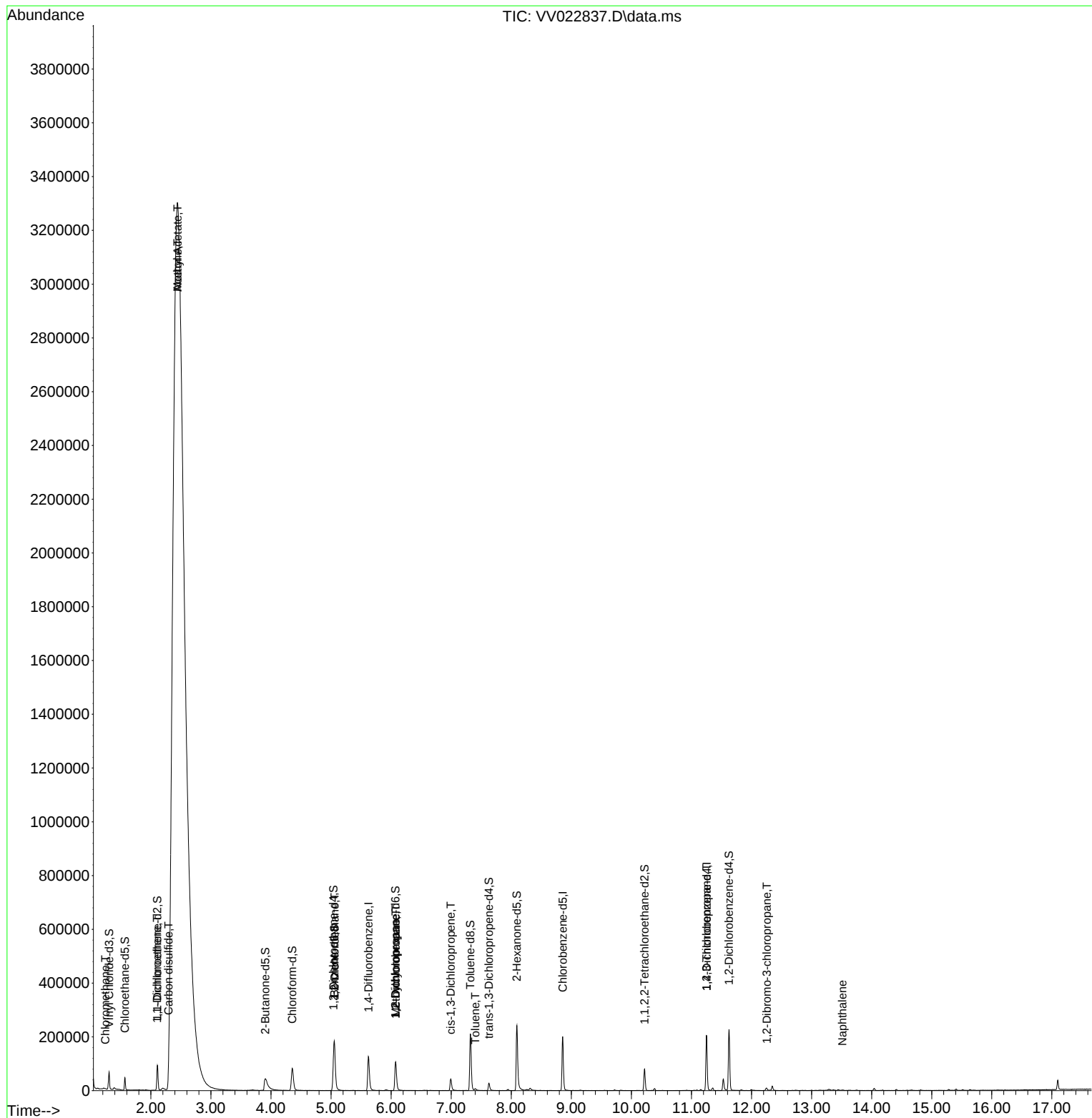
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	113407	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	114277	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	55974	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	36444	4.671	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.568	69	28972	4.132	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.108	63	48501	3.169	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.400%
20) 2-Butanone-d5	3.905	46	107878	52.730	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.460%
24) Chloroform-d	4.355	84	85933	5.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
26) 1,2-Dichloroethane-d4	5.040	65	40760	5.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.056	84	167624	4.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.072	67	52659	5.227	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.320	98	141898	4.825	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	7.629	79	16167	4.837	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.800%
46) 2-Hexanone-d5	8.092	63	84454	62.705	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.420%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	37590	5.508	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	59920	5.774	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.400%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	771	0.093	ug/L	99
12) 1,1-Dichloroethene	2.105	96	479	0.070	ug/L #	1
13) Acetone	2.442	43	2878204	2522.934	ug/L	72
14) Carbon disulfide	2.294	76	3061	0.159	ug/L	98
15) Methyl Acetate	2.442	43	5566576	1705.356	ug/L #	50
27) 1,2-Dichloroethane	5.060	62	1035	0.133	ug/L #	69
35) Methylcyclohexane	6.076	83	13065	1.114	ug/L #	17
37) 1,2-Dichloropropane	6.079	63	6109	0.825	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1271	0.130	ug/L	88
42) Toluene	7.400	91	4751	0.152	ug/L	93
61) 1,2,3-Trichloropropane	11.249	75	6204	1.595	ug/L #	60
68) 1,2-Dibromo-3-chloropr...	12.255	75	178	0.251	ug/L #	1
71) Naphthalene	13.513	128	1553	0.114	ug/L #	81

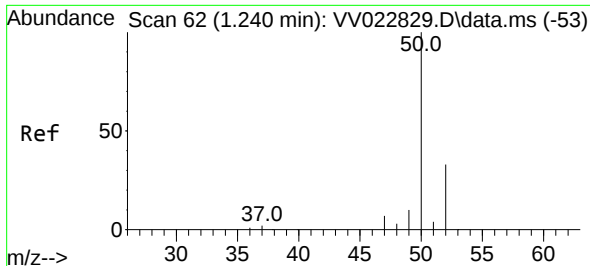
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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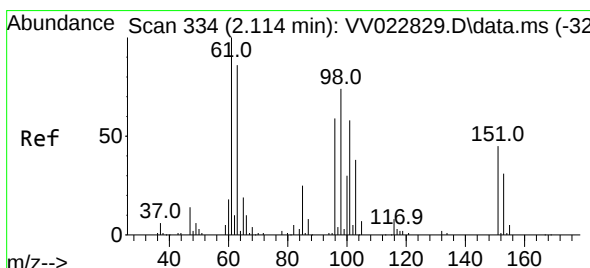
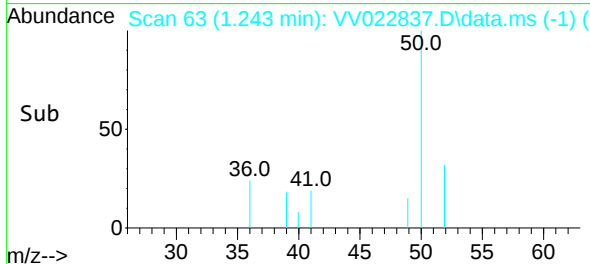
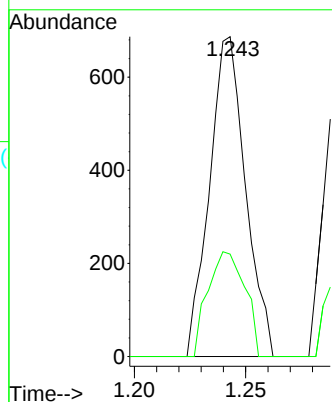
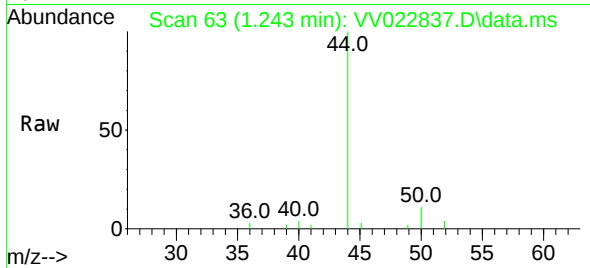




#3
Chloromethane
Concen: 0.093 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.003 min
Lab File: VV022837.D
Acq: 15 Oct 2021 15:31

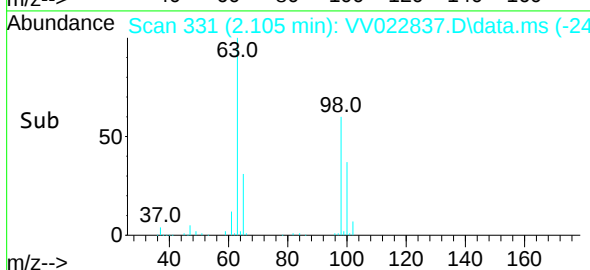
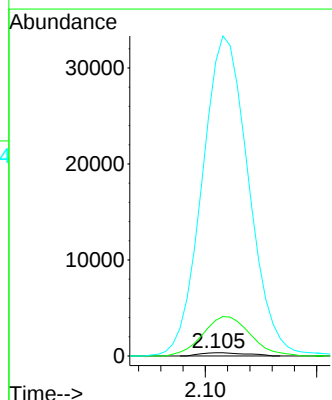
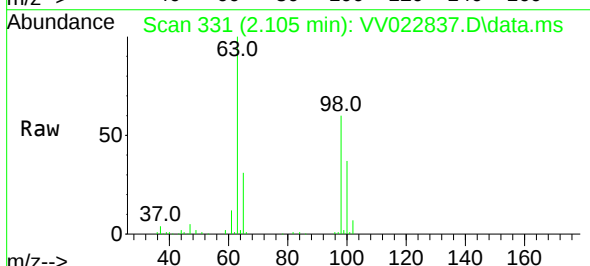
Instrument :
MSVOA_V
ClientSampled :

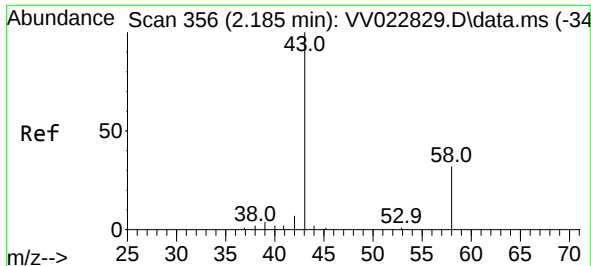
Tgt Ion: 50 Resp: 771
Ion Ratio Lower Upper
50 100
52 32.0 22.9 42.5



#12
1,1-Dichloroethene
Concen: 0.070 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.010 min
Lab File: VV022837.D
Acq: 15 Oct 2021 15:31

Tgt Ion: 96 Resp: 479
Ion Ratio Lower Upper
96 100
61 1131.6 127.3 236.5#
63 9310.6 106.2 197.2#

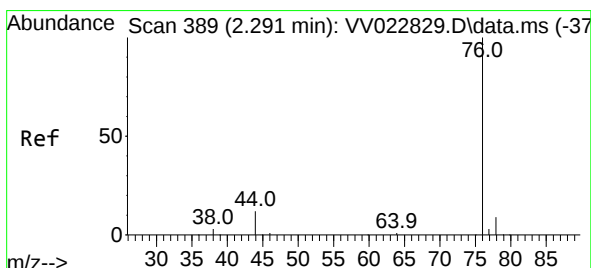
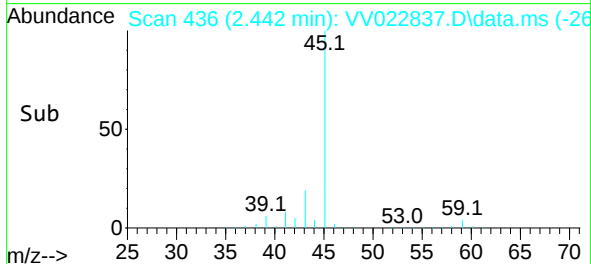
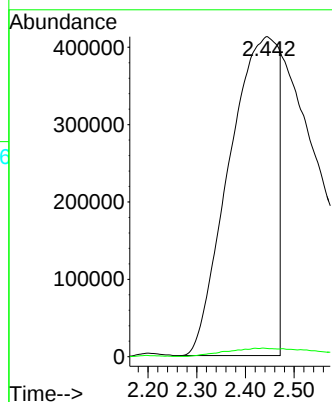
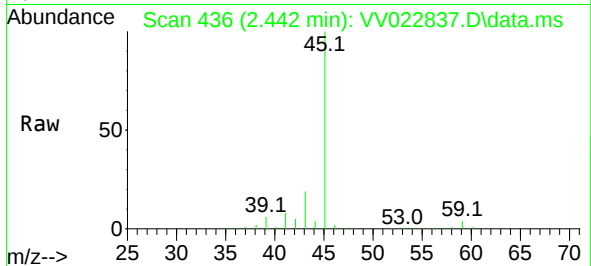




#13
Acetone
Concen: 2522.934 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.257 min
Lab File: VV022837.D
Acq: 15 Oct 2021 15:31

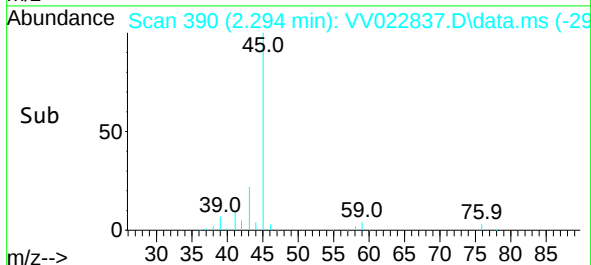
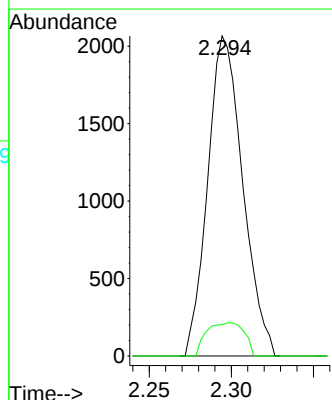
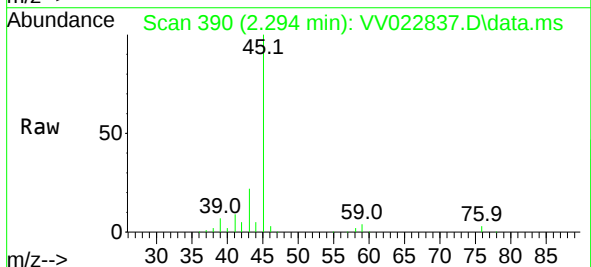
Instrument :
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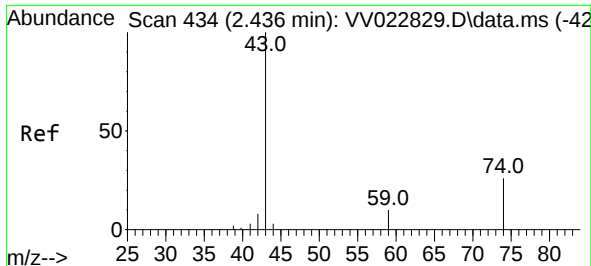
Tgt Ion: 43 Resp: 2878204
Ion Ratio Lower Upper
43 100
58 1.3 0.0 24.2



#14
Carbon disulfide
Concen: 0.159 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV022837.D
Acq: 15 Oct 2021 15:31

Tgt Ion: 76 Resp: 3061
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0

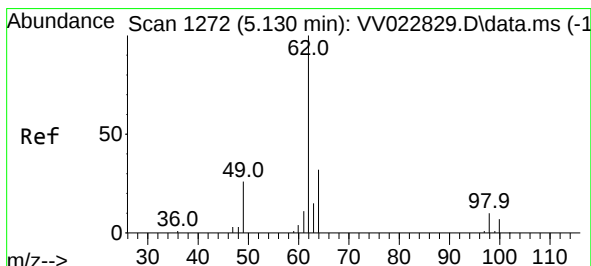
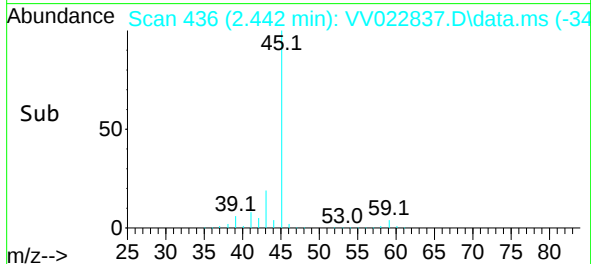
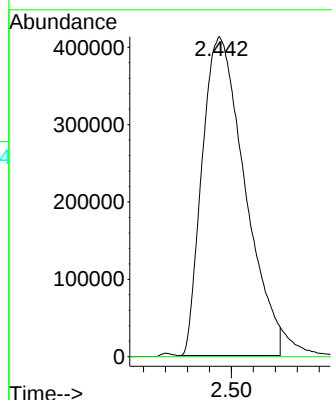
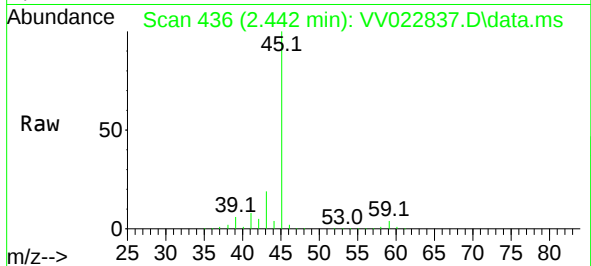




#15
Methyl Acetate
Concen: 1705.356 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.006 min
Lab File: VV022837.D
Acq: 15 Oct 2021 15:31

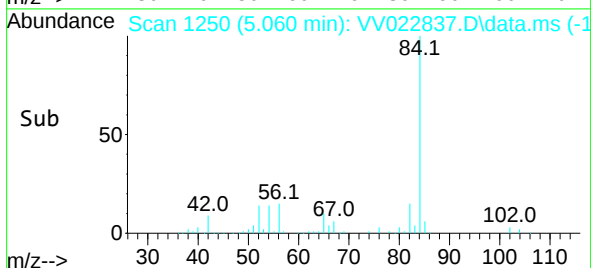
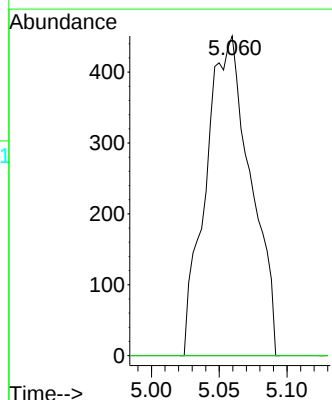
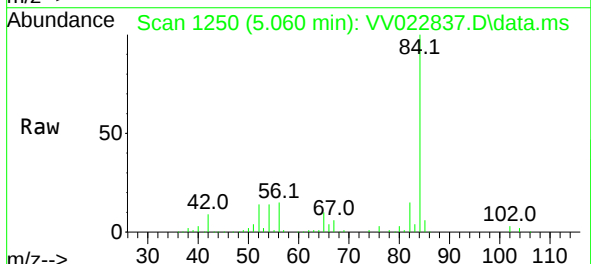
Instrument :
MSVOA_V
ClientSampled :

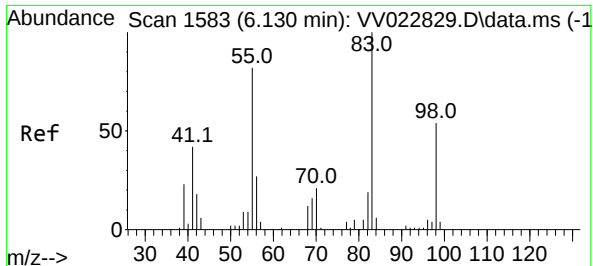
Tgt Ion: 43 Resp: 5566576
Ion Ratio Lower Upper
43 100
74 0.0 19.9 29.9#



#27
1,2-Dichloroethane
Concen: 0.133 ug/L
RT: 5.060 min Scan# 1250
Delta R.T. -0.071 min
Lab File: VV022837.D
Acq: 15 Oct 2021 15:31

Tgt Ion: 62 Resp: 1035
Ion Ratio Lower Upper
62 100
98 0.0 9.7 14.5#

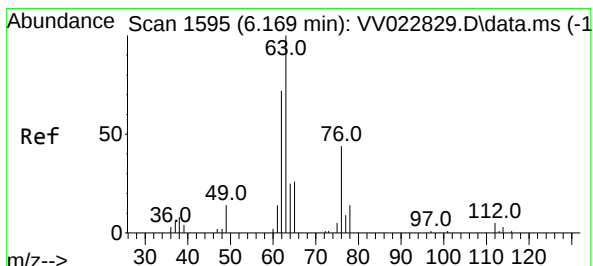
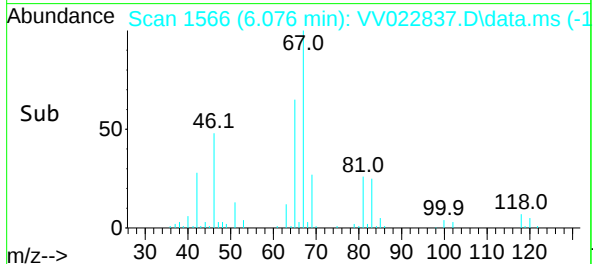
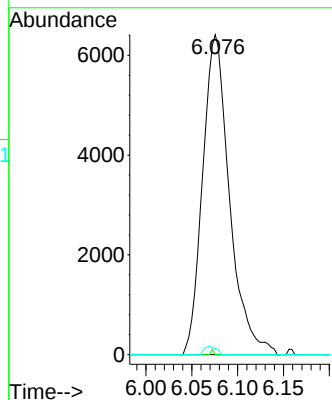
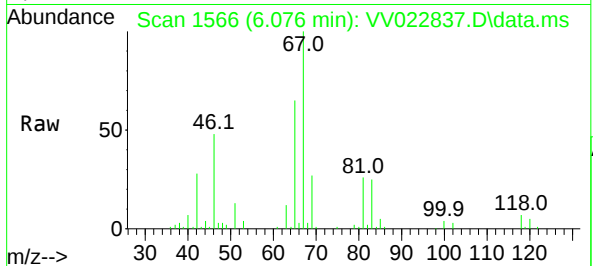




#35
Methylcyclohexane
Concen: 1.114 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.055 min
Lab File: VV022837.D
Acq: 15 Oct 2021 15:31

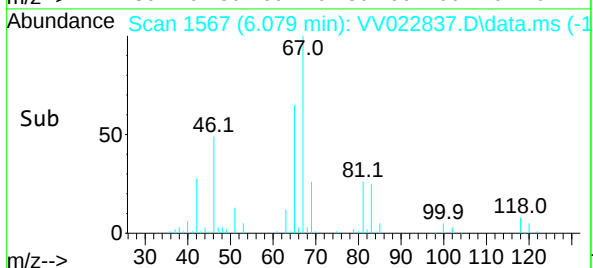
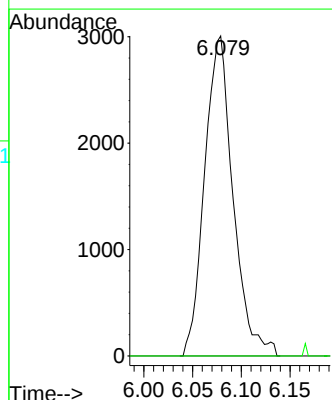
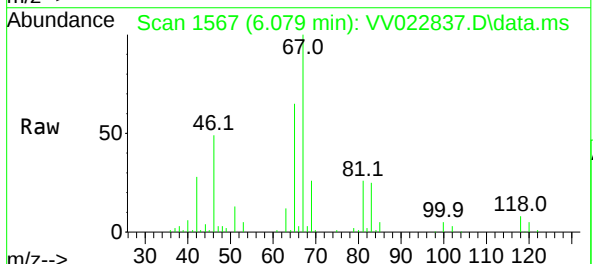
Instrument :
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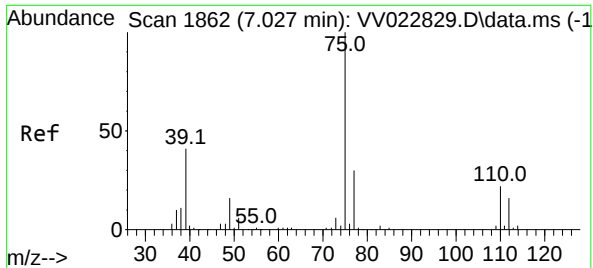
Tgt Ion: 83 Resp: 13065
Ion Ratio Lower Upper
83 100
55 0.2 63.8 95.6#
98 1.2 42.1 63.1#



#37
1,2-Dichloropropane
Concen: 0.825 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.090 min
Lab File: VV022837.D
Acq: 15 Oct 2021 15:31

Tgt Ion: 63 Resp: 6109
Ion Ratio Lower Upper
63 100
112 0.4 4.4 6.6#

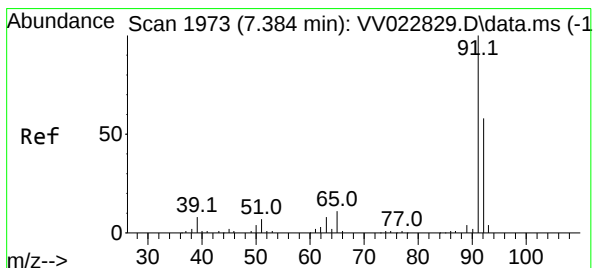
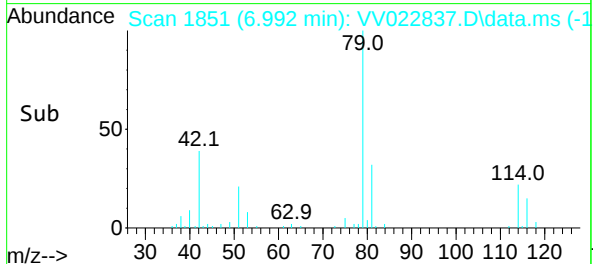
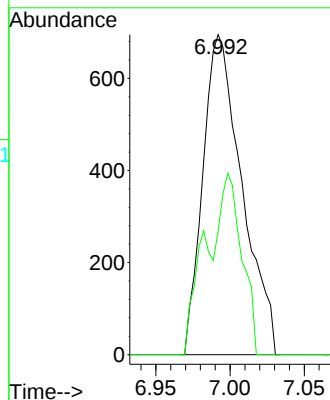
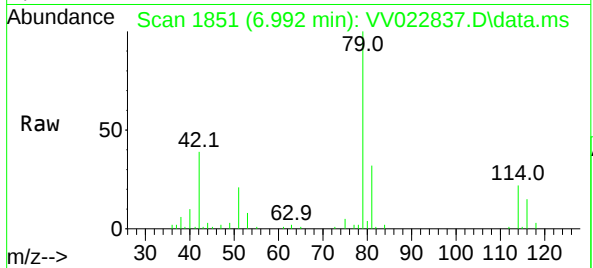




#39
cis-1,3-Dichloropropene
Concen: 0.130 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.035 min
Lab File: VV022837.D
Acq: 15 Oct 2021 15:31

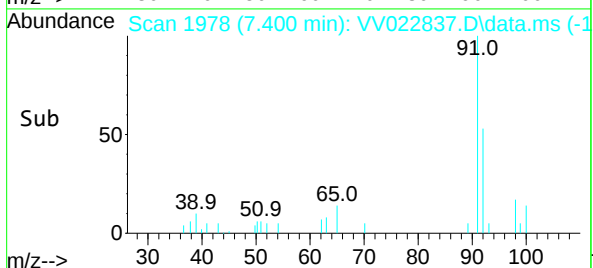
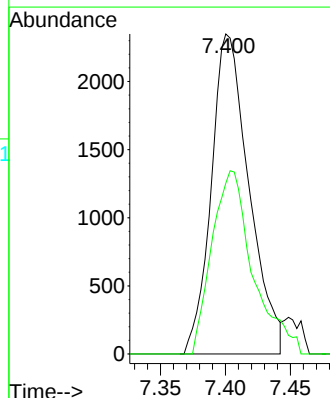
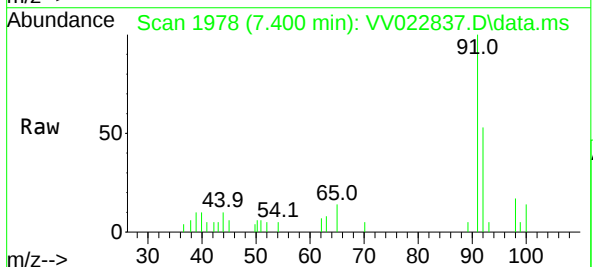
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ClientSampled :

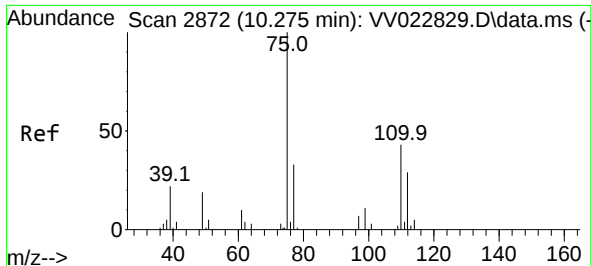
Tgt Ion: 75 Resp: 1271
Ion Ratio Lower Upper
75 100
77 38.6 22.3 41.3



#42
Toluene
Concen: 0.152 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.016 min
Lab File: VV022837.D
Acq: 15 Oct 2021 15:31

Tgt Ion: 91 Resp: 4751
Ion Ratio Lower Upper
91 100
92 53.3 40.7 75.7

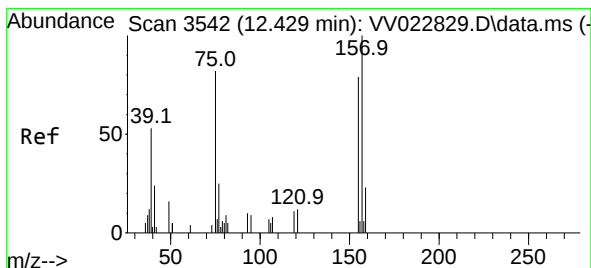
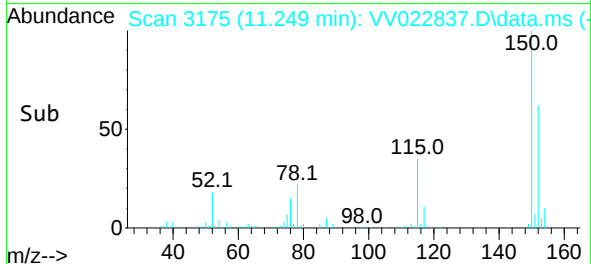
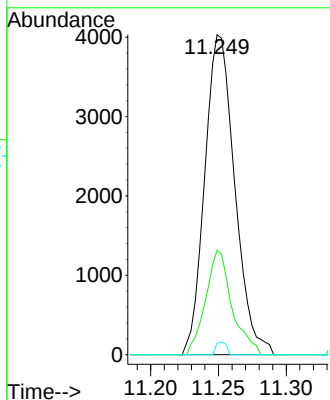
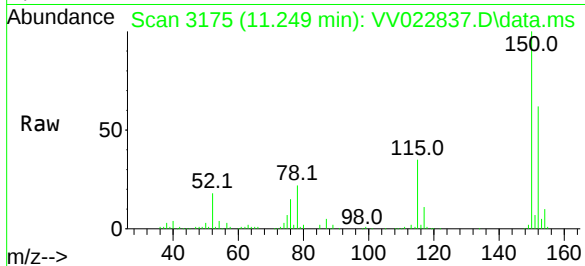




#61
 1,2,3-Trichloropropane
 Concen: 1.595 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022837.D
 Acq: 15 Oct 2021 15:31

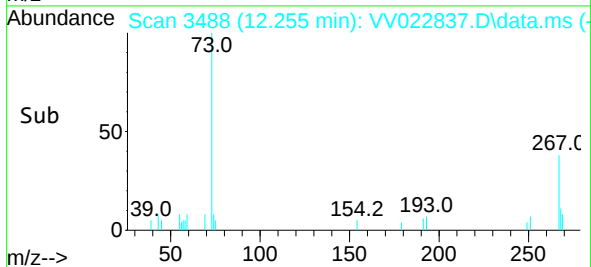
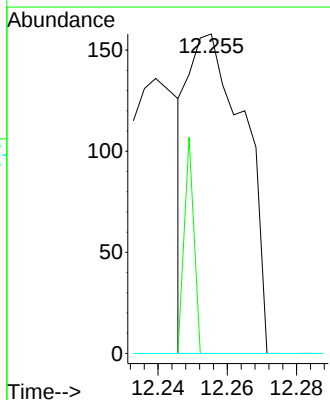
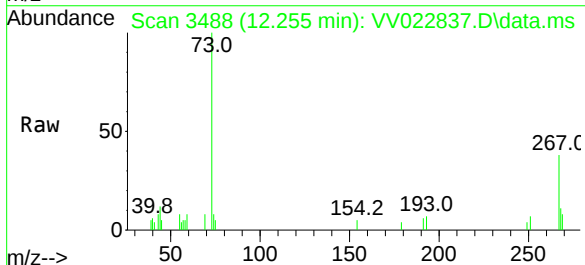
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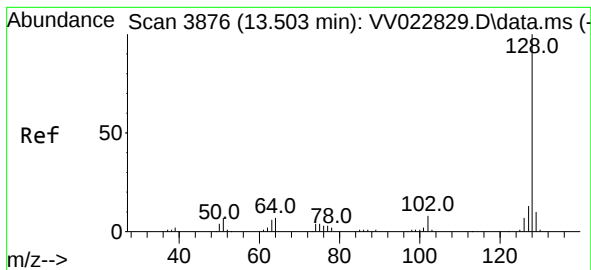
Tgt Ion: 75 Resp: 6204
 Ion Ratio Lower Upper
 75 100
 77 28.6 25.4 38.2
 110 1.4 34.2 51.4#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.251 ug/L
 RT: 12.255 min Scan# 3488
 Delta R.T. -0.174 min
 Lab File: VV022837.D
 Acq: 15 Oct 2021 15:31

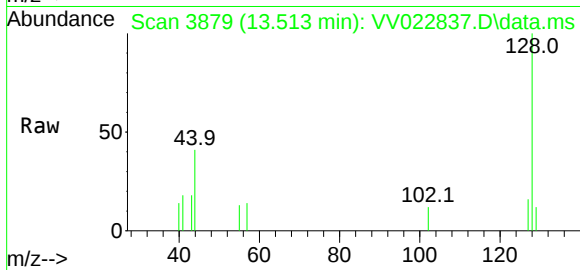
Tgt Ion: 75 Resp: 178
 Ion Ratio Lower Upper
 75 100
 155 0.0 82.4 123.6#
 157 0.0 114.1 171.1#





#71
Naphthalene
Concen: 0.114 ug/L
RT: 13.513 min Scan# 3879
Delta R.T. 0.010 min
Lab File: VV022837.D
Acq: 15 Oct 2021 15:31

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 1553
Ion Ratio Lower Upper
128 100
129 2.8 9.3 13.9#
127 7.0 10.8 16.2#

