

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052521\
 Data File : VW021397.D
 Acq On : 25 May 2021 18:49
 Operator : SY/MD
 Sample : M2496-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB460

Quant Time: May 26 07:54:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 26 07:52:48 2021
 Response via : Initial Calibration

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

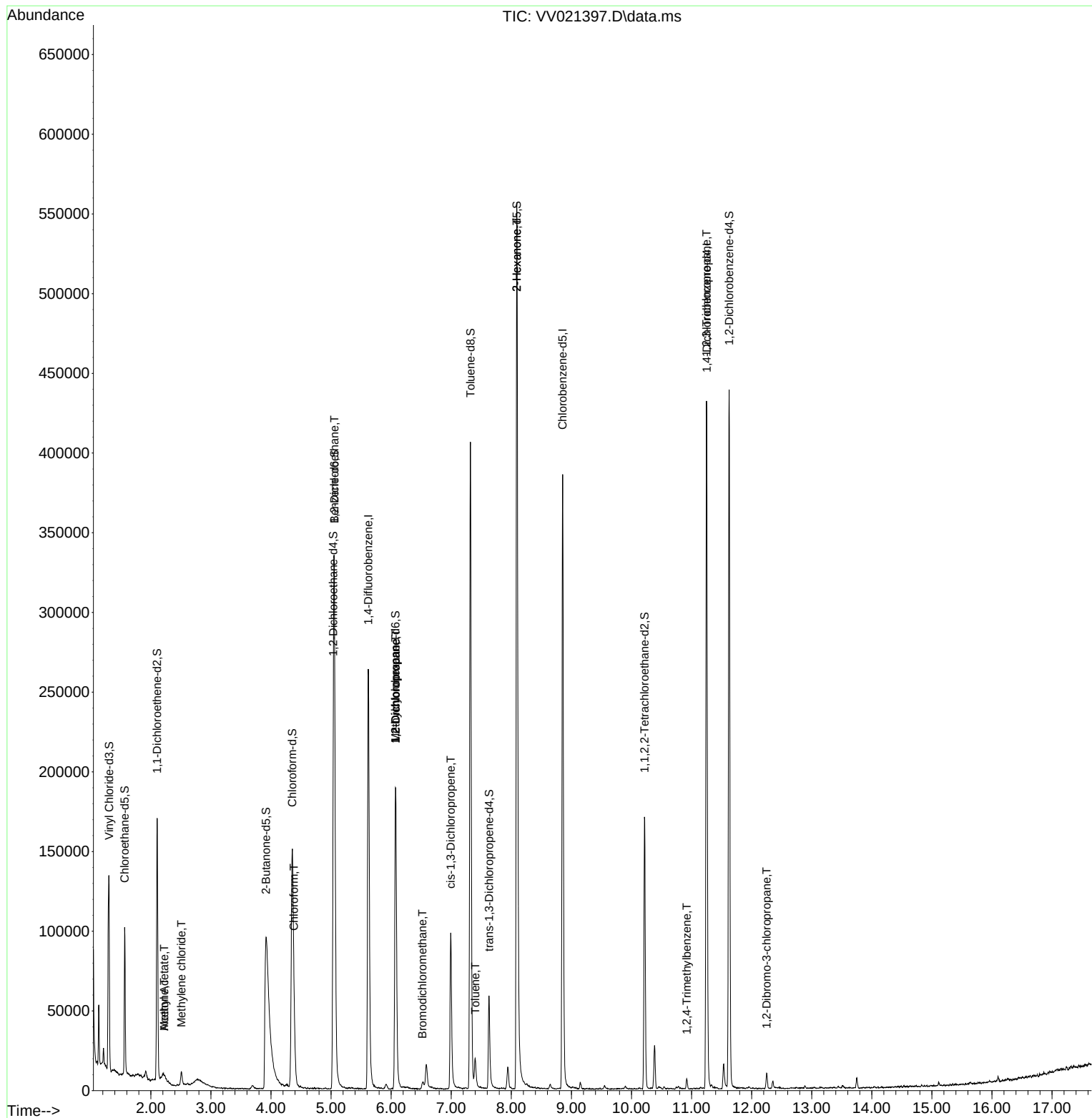
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	245220	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	229433	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	124945	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	63550	6.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.60%
7) Chloroethane-d5	1.565	69	57828	5.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.80%
11) 1,1-Dichloroethene-d2	2.105	63	82226	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.60%
20) 2-Butanone-d5	3.915	46	248228	66.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.12%#
24) Chloroform-d	4.352	84	154121	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	5.037	65	76469	5.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.60%
32) Benzene-d6	5.053	84	305186	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.60%
36) 1,2-Dichloropropane-d6	6.072	67	96454	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.80%
41) Toluene-d8	7.320	98	281823	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.40%
43) trans-1,3-Dichloroprop...	7.629	79	37123	4.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.60%
46) 2-Hexanone-d5	8.092	63	214849	61.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.48%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	83061	5.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.20%
66) 1,2-Dichlorobenzene-d4	11.625	152	121727	5.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.00%
Target Compounds						Qvalue
13) Acetone	2.224	43	20466	9.73	ug/L	98
15) Methyl Acetate	2.224	43	18890	3.81	ug/L #	52
16) Methylene chloride	2.510	84	3694	0.18	ug/L	80
25) Chloroform	4.381	83	38603	1.41	ug/L	100
27) 1,2-Dichloroethane	5.053	62	1742	0.12	ug/L #	72
35) Methylcyclohexane	6.072	83	24230	0.90	ug/L #	20
37) 1,2-Dichloropropane	6.076	63	10527	0.71	ug/L #	85
38) Bromodichloromethane	6.519	83	2528	0.12	ug/L	92
39) cis-1,3-Dichloropropene	6.992	75	2421	0.10	ug/L #	45
42) Toluene	7.400	91	14657	0.22	ug/L	99
48) 2-Hexanone	8.092	43	22565	3.65	ug/L #	72
61) 1,2,3-Trichloropropane	11.249	75	12288	1.38	ug/L #	65
63) 1,2,4-Trimethylbenzene	10.921	105	3334	0.05	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.249	75	203	0.09	ug/L #	1

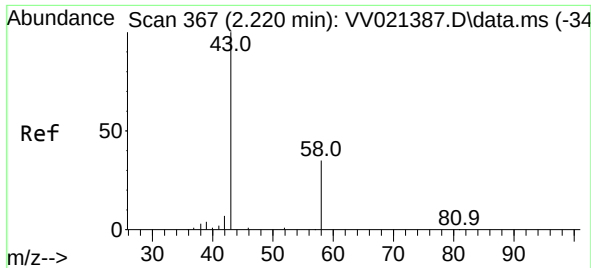
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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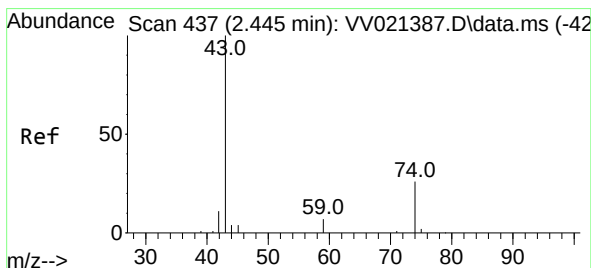
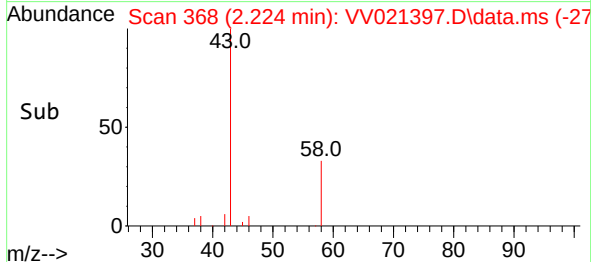
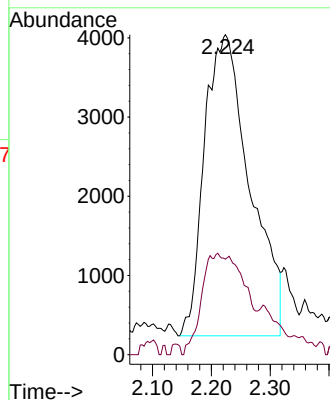
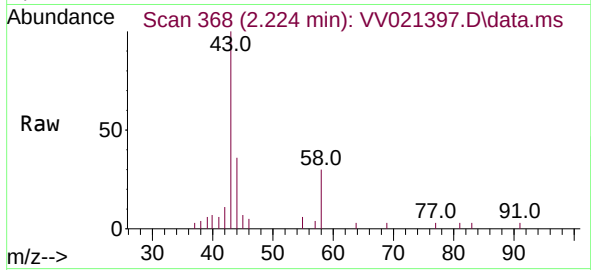




#13
Acetone
Concen: 9.73 ug/L
RT: 2.224 min Scan# 368
Delta R.T. 0.003 min
Lab File: VV021397.D
Acq: 25 May 2021 18:49

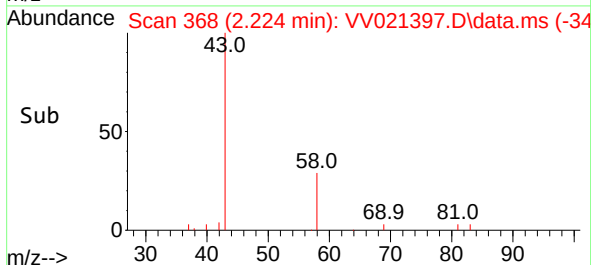
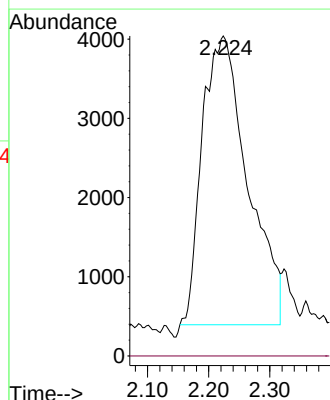
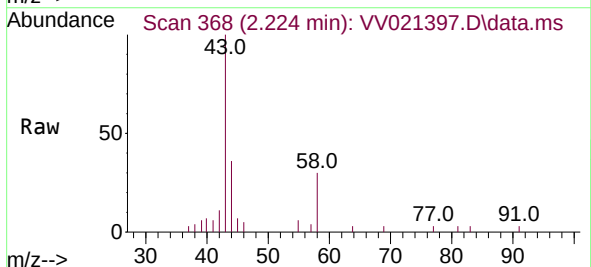
Instrument :
MSVOA_V
ClientSampled :
GB460

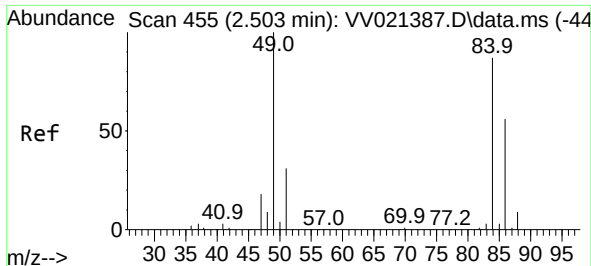
Tgt Ion: 43 Resp: 20466
Ion Ratio Lower Upper
43 100
58 9.9 0.0 18.6



#15
Methyl Acetate
Concen: 3.81 ug/L
RT: 2.224 min Scan# 368
Delta R.T. -0.222 min
Lab File: VV021397.D
Acq: 25 May 2021 18:49

Tgt Ion: 43 Resp: 18890
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#

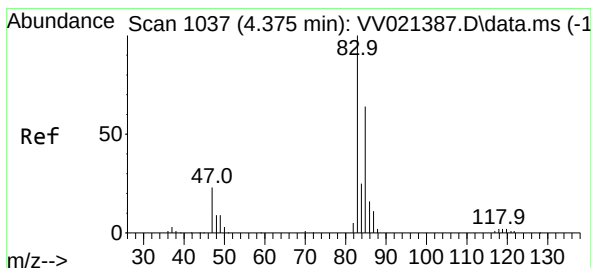
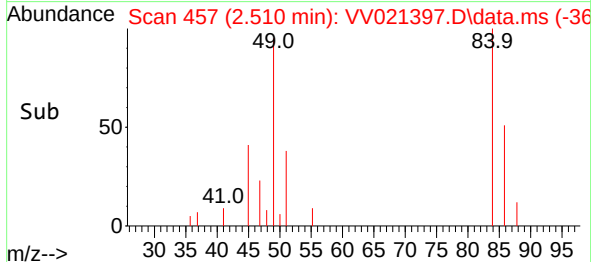
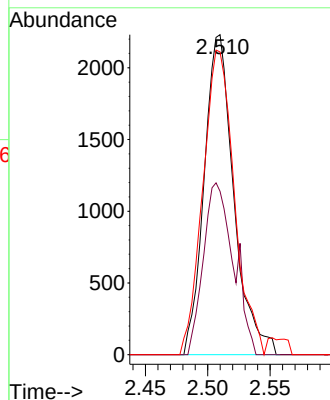
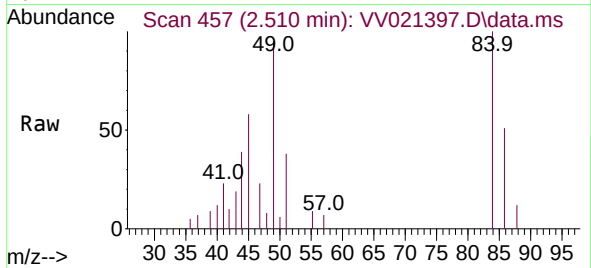




#16
Methylene chloride
Concen: 0.18 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.006 min
Lab File: VV021397.D
Acq: 25 May 2021 18:49

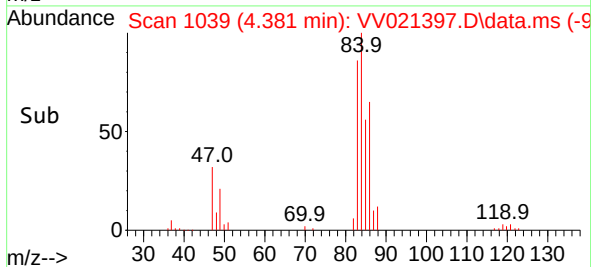
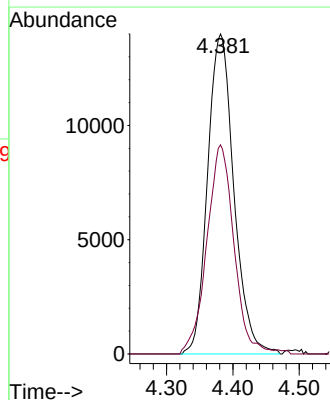
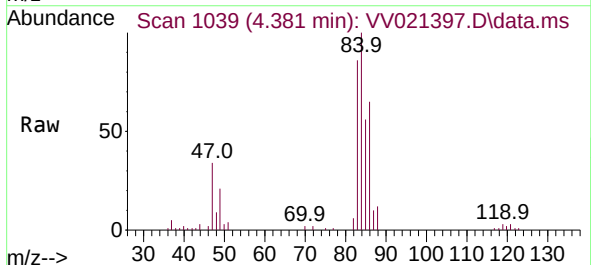
Instrument :
MSVOA_V
ClientSampleId :
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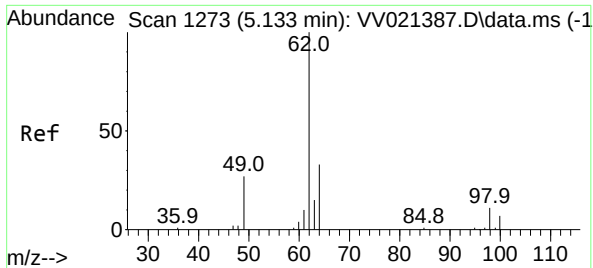
Tgt Ion: 84 Resp: 3694
Ion Ratio Lower Upper
84 100
86 51.1 44.7 82.9
49 94.6 82.7 153.5



#25
Chloroform
Concen: 1.41 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VV021397.D
Acq: 25 May 2021 18:49

Tgt Ion: 83 Resp: 38603
Ion Ratio Lower Upper
83 100
85 65.4 45.8 85.2

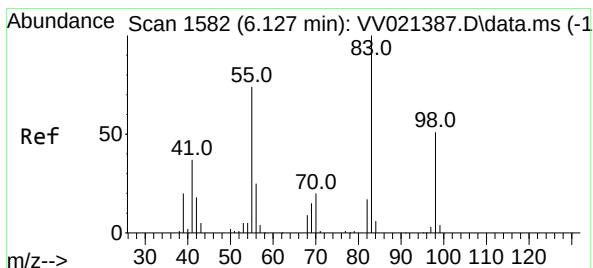
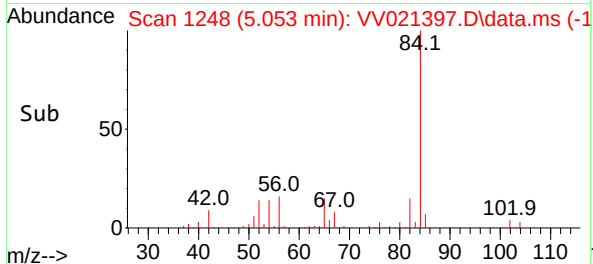
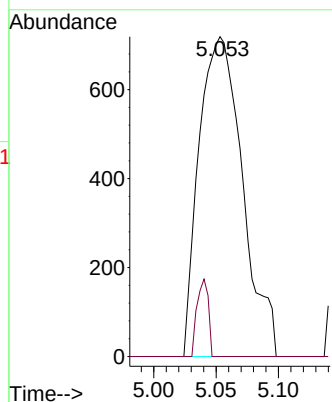
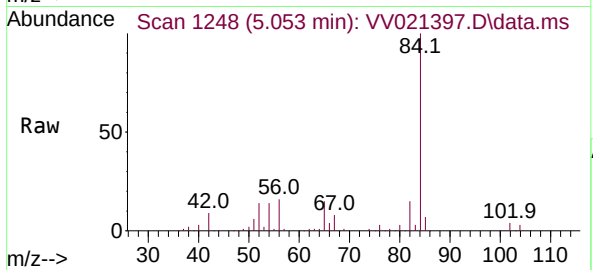




#27
1,2-Dichloroethane
Concen: 0.12 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.080 min
Lab File: VV021397.D
Acq: 25 May 2021 18:49

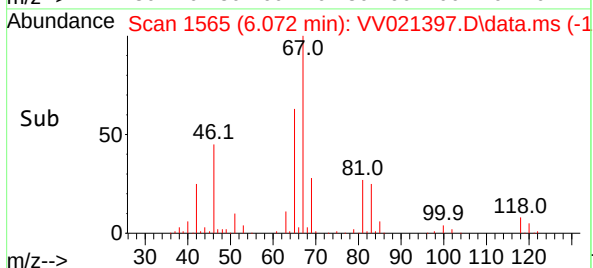
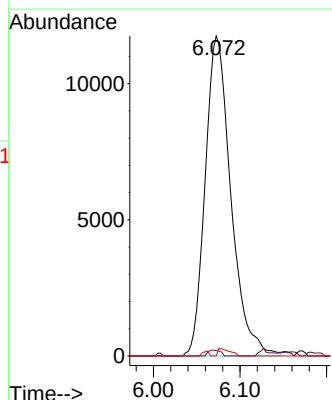
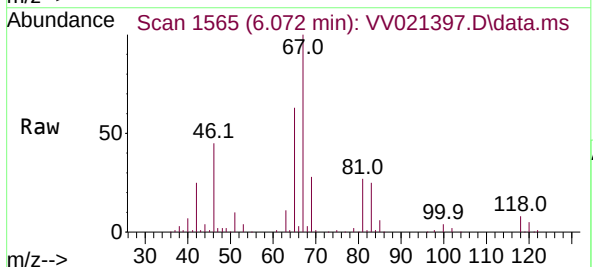
Instrument :
MSVOA_V
ClientSampled :
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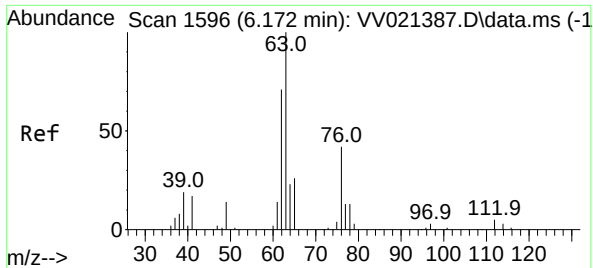
Tgt Ion: 62 Resp: 1742
Ion Ratio Lower Upper
62 100
98 0.0 8.4 12.6#



#35
Methylcyclohexane
Concen: 0.90 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV021397.D
Acq: 25 May 2021 18:49

Tgt Ion: 83 Resp: 24230
Ion Ratio Lower Upper
83 100
55 0.9 57.7 86.5#
98 1.1 40.6 61.0#

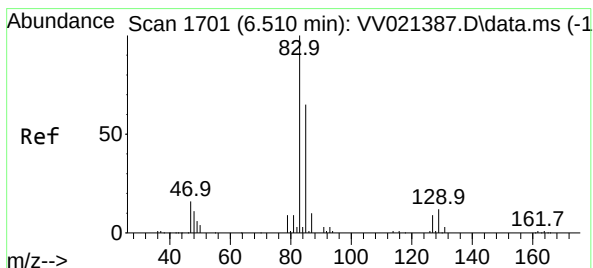
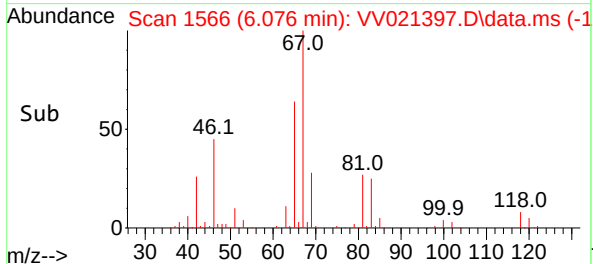
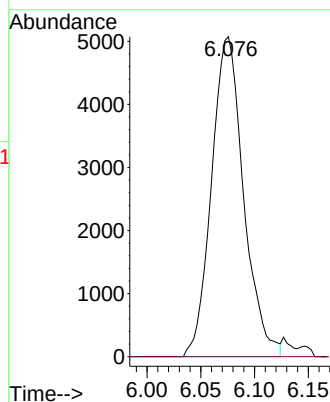
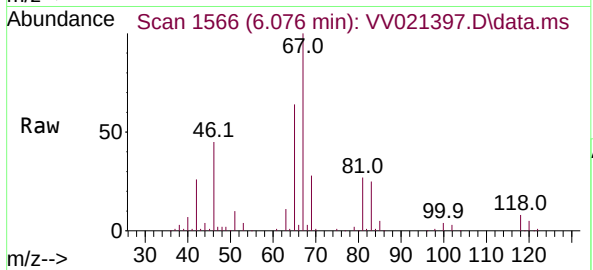




#37
1,2-Dichloropropane
Concen: 0.71 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.096 min
Lab File: VV021397.D
Acq: 25 May 2021 18:49

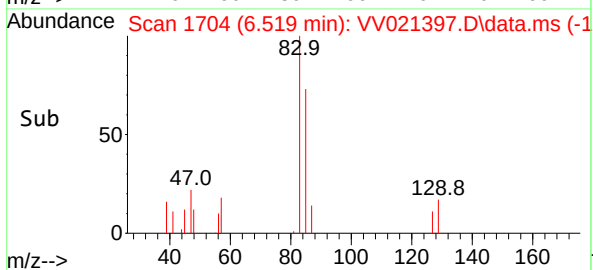
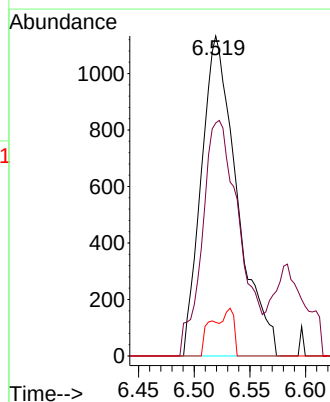
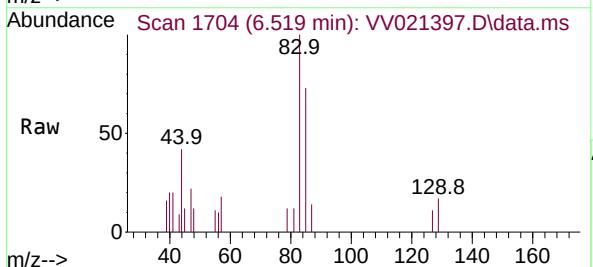
Instrument :
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ClientSampleId :
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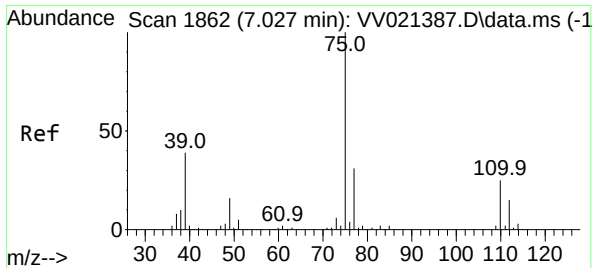
Tgt Ion: 63 Resp: 10527
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#38
Bromodichloromethane
Concen: 0.12 ug/L
RT: 6.519 min Scan# 1704
Delta R.T. 0.010 min
Lab File: VV021397.D
Acq: 25 May 2021 18:49

Tgt Ion: 83 Resp: 2528
Ion Ratio Lower Upper
83 100
85 72.8 46.2 85.8
127 10.5 7.3 10.9

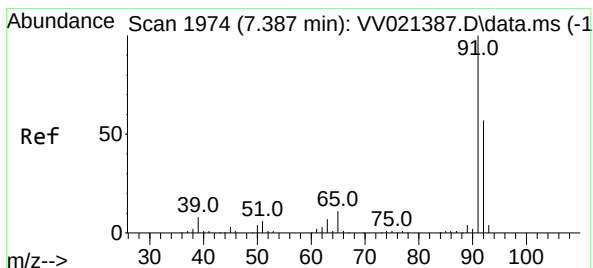
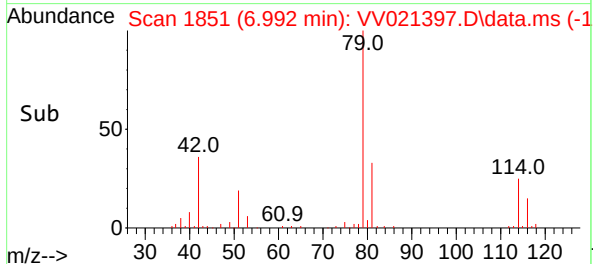
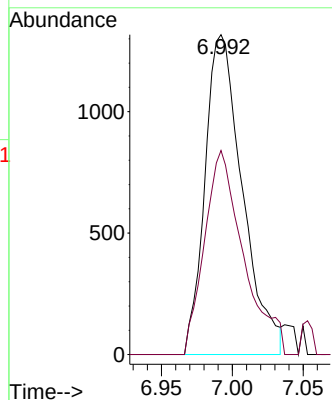
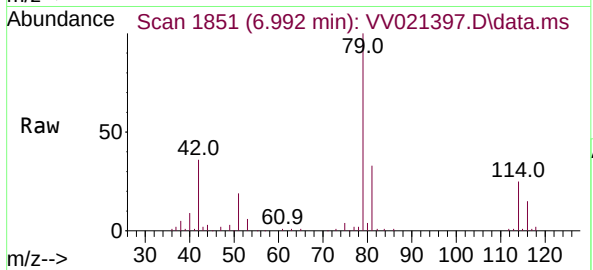




#39
 cis-1,3-Dichloropropene
 Concen: 0.10 ug/L
 RT: 6.992 min Scan# 1851
 Delta R.T. -0.035 min
 Lab File: VV021397.D
 Acq: 25 May 2021 18:49

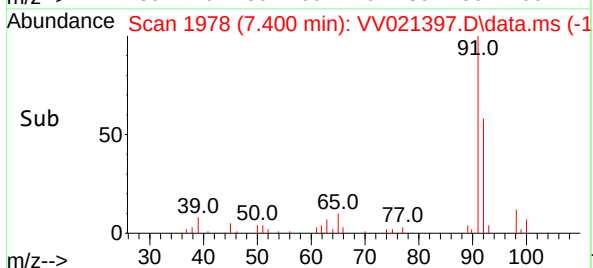
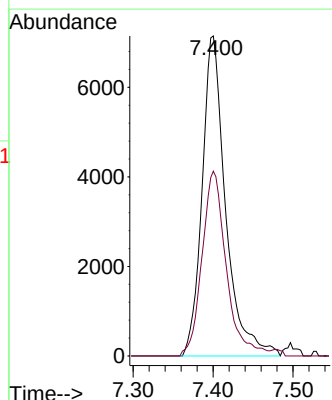
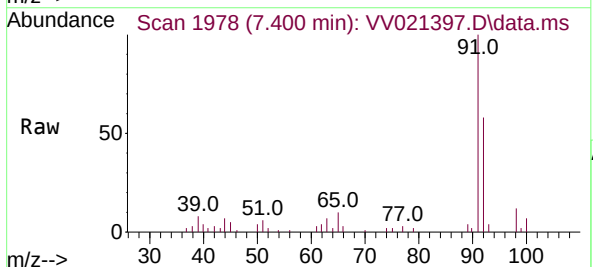
Instrument :
 MSVOA_V
 ClientSampled :
 GB460

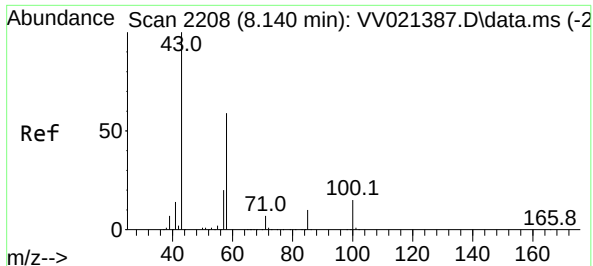
Tgt Ion: 75 Resp: 2421
 Ion Ratio Lower Upper
 75 100
 77 63.8 22.8 42.4#



#42
 Toluene
 Concen: 0.22 ug/L
 RT: 7.400 min Scan# 1978
 Delta R.T. 0.013 min
 Lab File: VV021397.D
 Acq: 25 May 2021 18:49

Tgt Ion: 91 Resp: 14657
 Ion Ratio Lower Upper
 91 100
 92 57.8 40.9 76.0

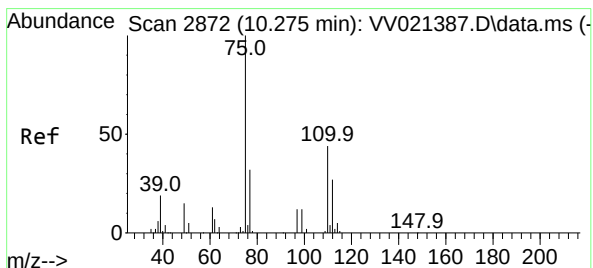
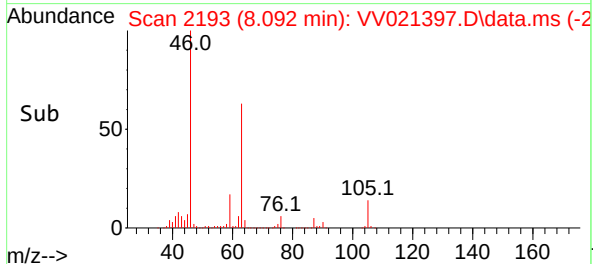
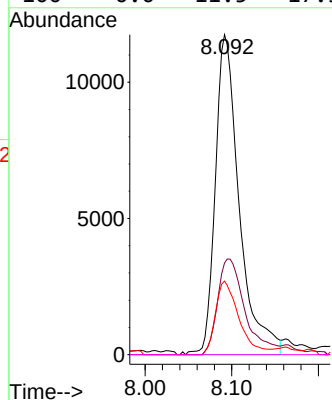
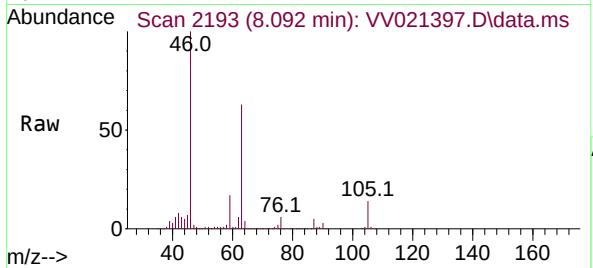




#48
2-Hexanone
Concen: 3.65 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. -0.048 min
Lab File: VV021397.D
Acq: 25 May 2021 18:49

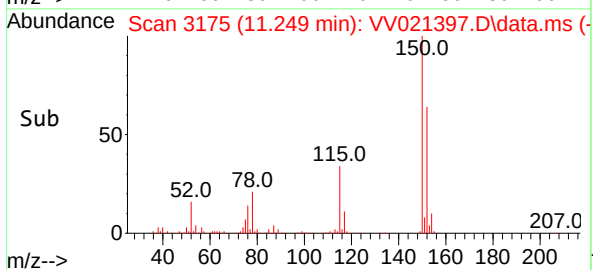
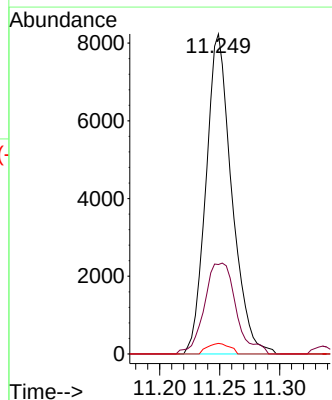
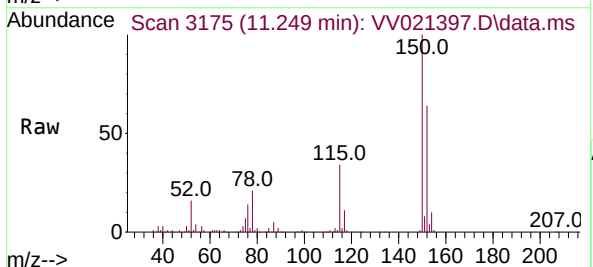
Instrument :
MSVOA_V
ClientSampled :
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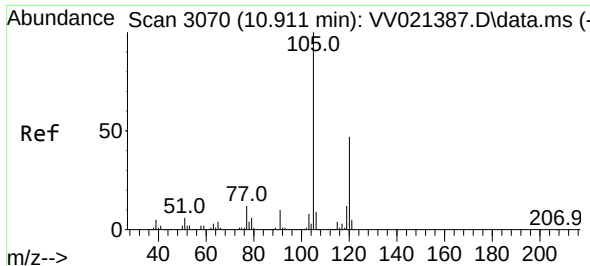
Tgt Ion: 43	Resp: 22565
Ion Ratio	Lower Upper
43 100	
58 34.3	47.0 70.4#
57 22.7	15.4 23.2
100 0.0	11.5 17.3#



#61
1,2,3-Trichloropropane
Concen: 1.38 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV021397.D
Acq: 25 May 2021 18:49

Tgt Ion: 75	Resp: 12288
Ion Ratio	Lower Upper
75 100	
77 34.7	27.3 40.9
110 2.9	34.2 51.2#

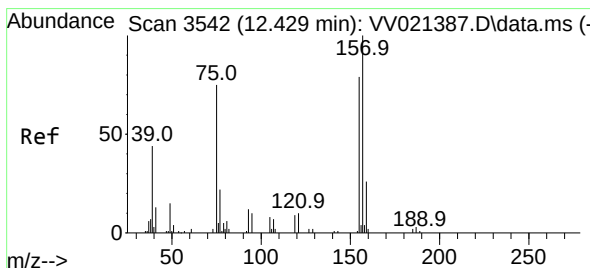
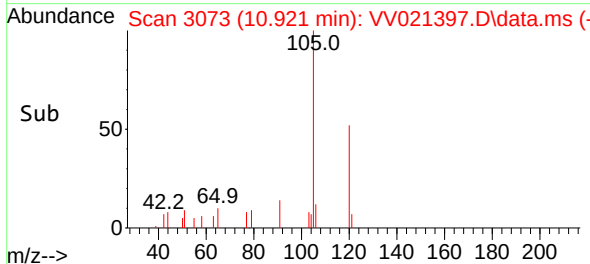
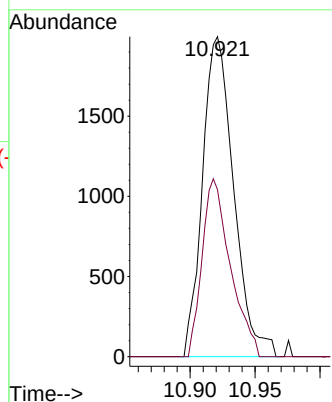
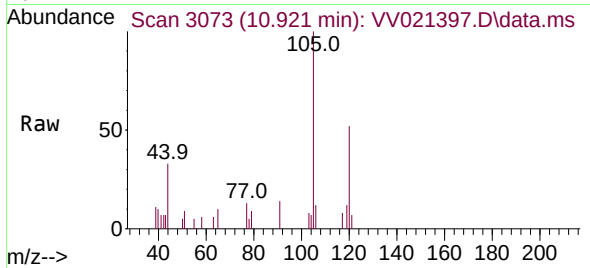




#63
1,2,4-Trimethylbenzene
Concen: 0.05 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.010 min
Lab File: VV021397.D
Acq: 25 May 2021 18:49

Instrument :
MSVOA_V
ClientSampled :
GB460

Tgt Ion:105 Resp: 3334
Ion Ratio Lower Upper
105 100
120 50.3 37.4 56.0



#68
1,2-Dibromo-3-chloropropane
Concen: 0.09 ug/L
RT: 12.249 min Scan# 3486
Delta R.T. -0.180 min
Lab File: VV021397.D
Acq: 25 May 2021 18:49

Tgt Ion: 75 Resp: 203
Ion Ratio Lower Upper
75 100
155 0.0 87.2 130.8#
157 0.0 106.1 159.1#

