

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101421\
 Data File : VV022785.D
 Acq On : 14 Oct 2021 12:19
 Operator : SY/MD
 Sample : M4167-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YATL1

Quant Time: Oct 15 01:59:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 15 01:58:00 2021
 Response via : Initial Calibration

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

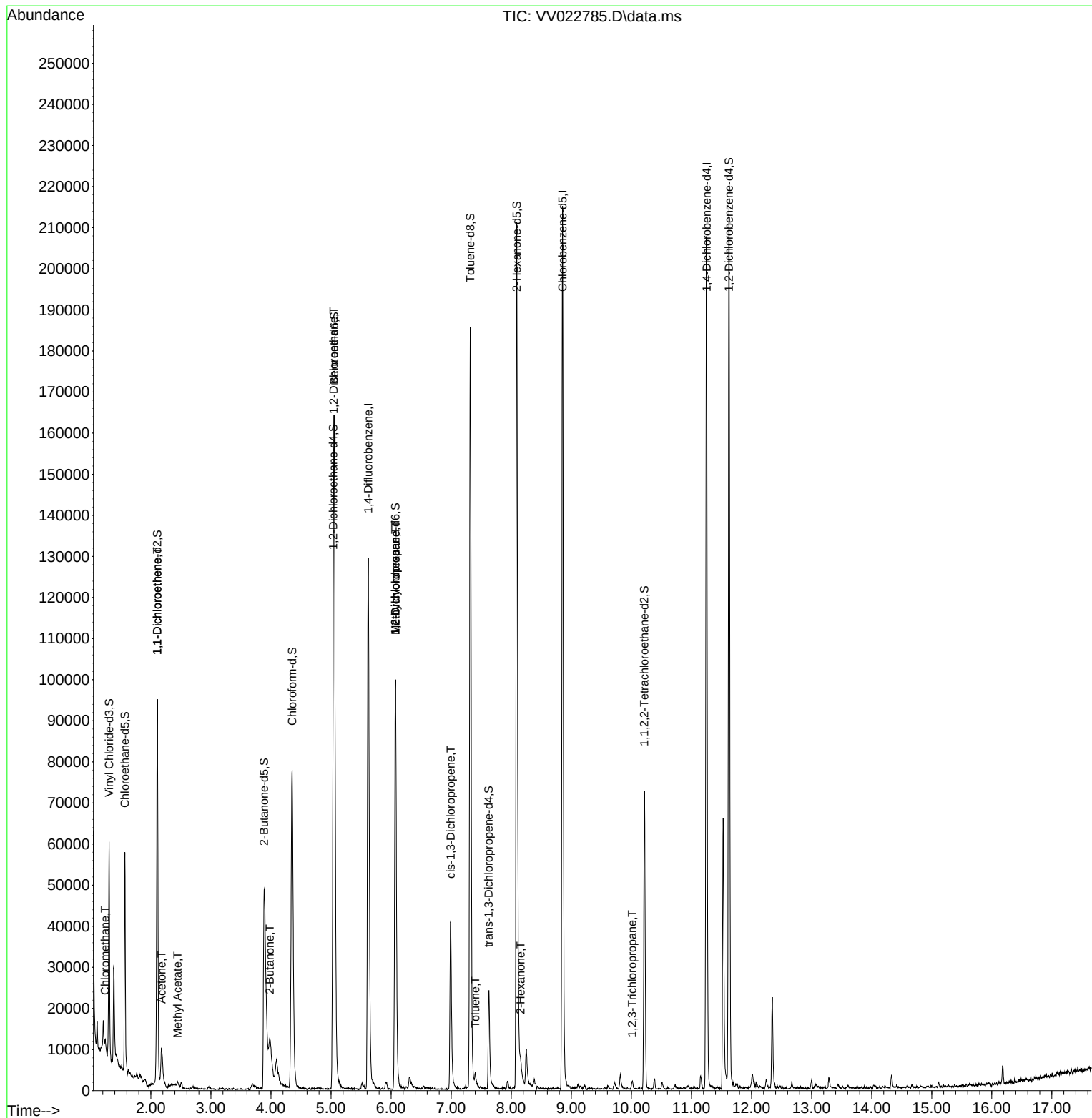
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	118306	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	122338	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	57971	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	31072	3.817	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.400%
7) Chloroethane-d5	1.568	69	32563	4.452	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.108	63	45928	2.876	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.600%#
20) 2-Butanone-d5	3.886	46	91936	43.077	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.160%
24) Chloroform-d	4.352	84	82061	4.892	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.037	65	36988	4.543	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.053	84	151533	4.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.072	67	49567	4.596	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.320	98	125989	4.002	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	7.625	79	14491	4.050	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.092	63	69921	48.494	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.980%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35198	4.817	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	56985	5.302	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1001	0.116	ug/L #	78
12) 1,1-Dichloroethene	2.108	96	461	0.065	ug/L #	1
13) Acetone	2.179	43	13023	10.943	ug/L #	34
15) Methyl Acetate	2.442	43	1037	0.305	ug/L	100
21) 2-Butanone	3.982	43	18895	9.697	ug/L	88
27) 1,2-Dichloroethane	5.043	62	924	0.114	ug/L #	69
35) Methylcyclohexane	6.072	83	12094	0.963	ug/L #	16
37) 1,2-Dichloropropane	6.072	63	5631	0.711	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1263	0.120	ug/L	84
42) Toluene	7.400	91	2851	0.085	ug/L	79
48) 2-Hexanone	8.156	43	3885	1.248	ug/L #	93
61) 1,2,3-Trichloropropane	10.011	75	965	0.240	ug/L #	37

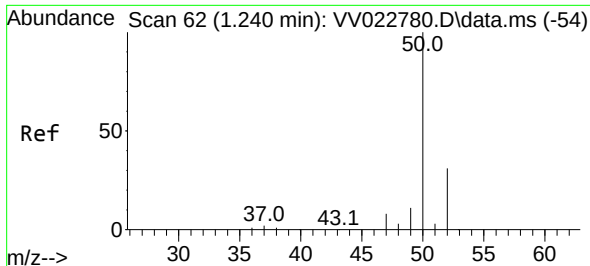
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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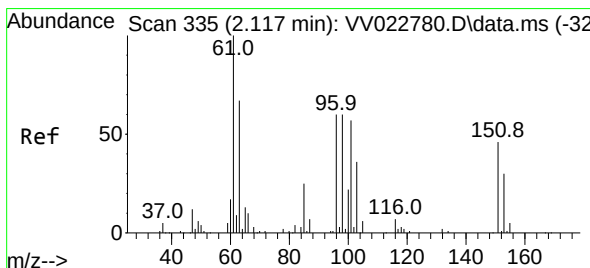
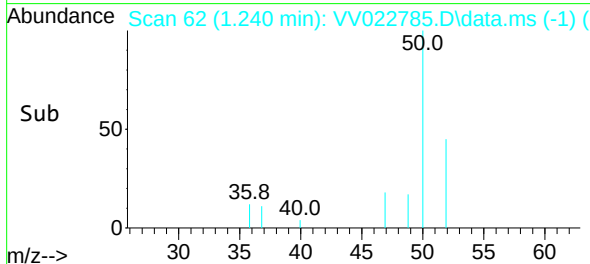
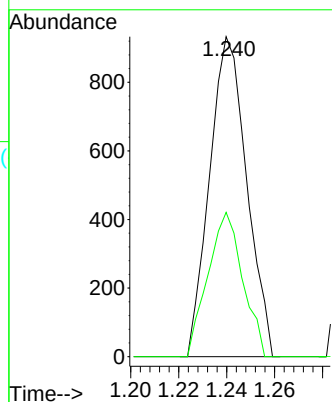
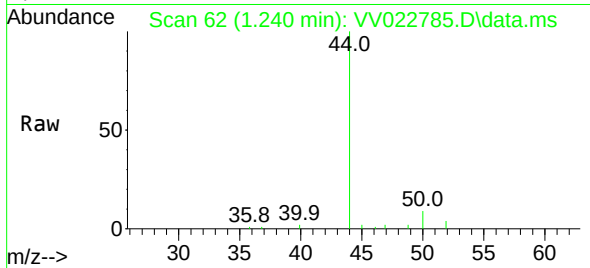




#3
Chloromethane
Concen: 0.116 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV022785.D
Acq: 14 Oct 2021 12:19

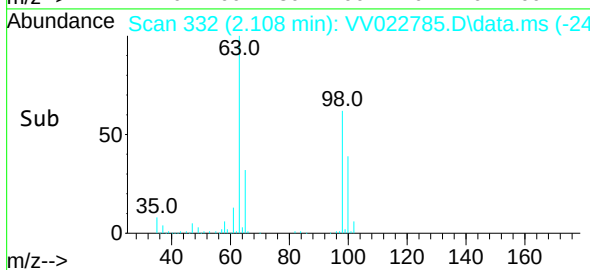
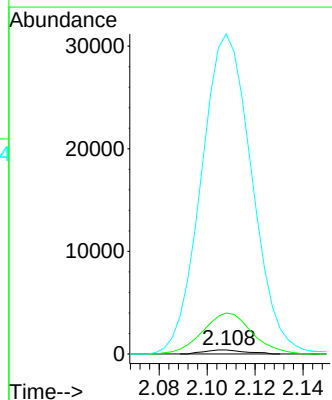
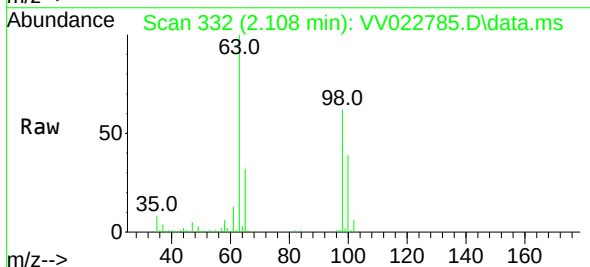
Instrument :
MSVOA_V
ClientSampled :
YATL1

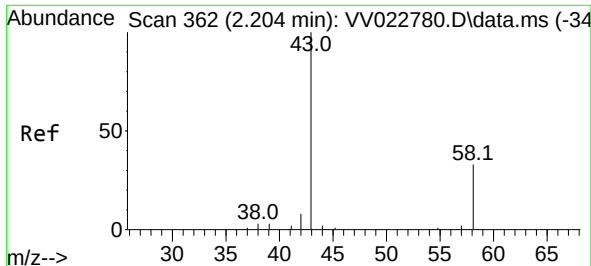
Tgt Ion: 50 Resp: 1001
Ion Ratio Lower Upper
50 100
52 45.1 22.9 42.5#



#12
1,1-Dichloroethene
Concen: 0.065 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.010 min
Lab File: VV022785.D
Acq: 14 Oct 2021 12:19

Tgt Ion: 96 Resp: 461
Ion Ratio Lower Upper
96 100
61 1008.1 127.3 236.5#
63 7876.8 106.2 197.2#

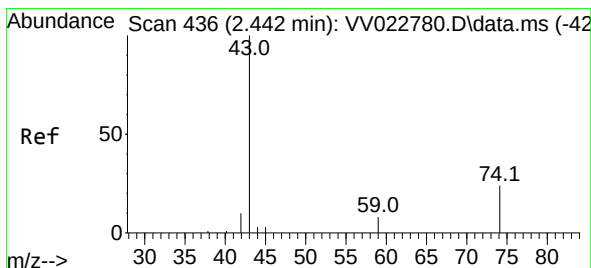
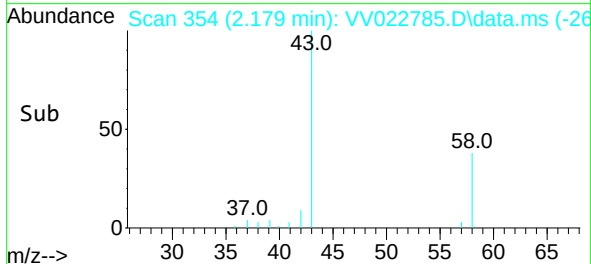
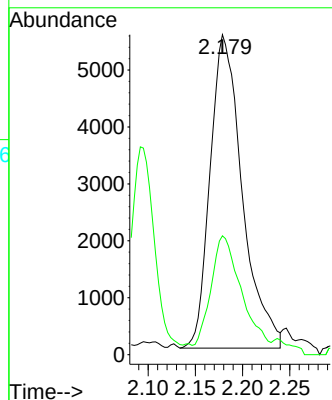
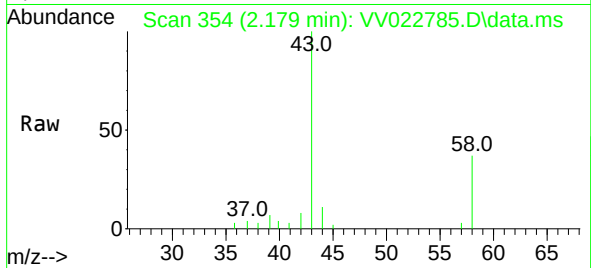




#13
Acetone
Concen: 10.943 ug/L
RT: 2.179 min Scan# 354
Delta R.T. -0.026 min
Lab File: VV022785.D
Acq: 14 Oct 2021 12:19

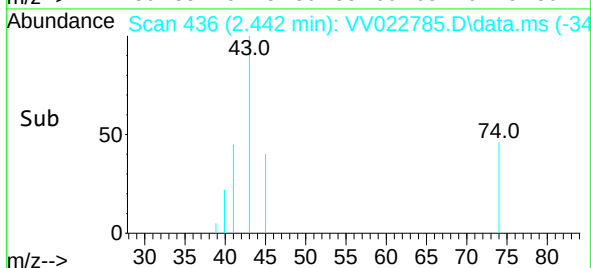
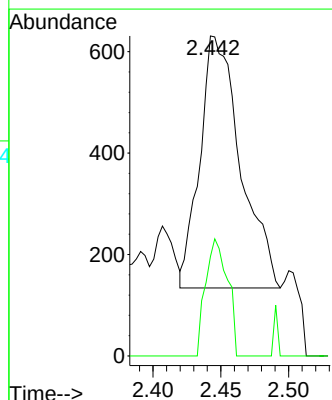
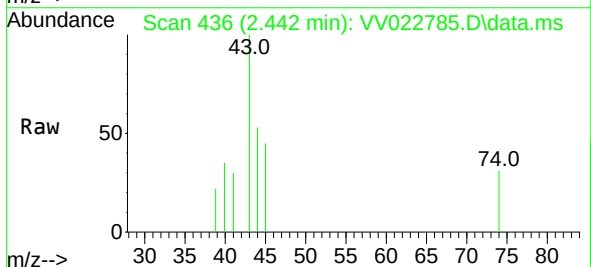
Instrument :
MSVOA_V
ClientSampleId :
YATL1

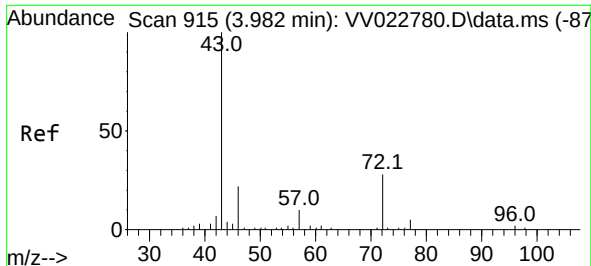
Tgt Ion: 43 Resp: 13023
Ion Ratio Lower Upper
43 100
58 37.9 0.0 24.2#



#15
Methyl Acetate
Concen: 0.305 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV022785.D
Acq: 14 Oct 2021 12:19

Tgt Ion: 43 Resp: 1037
Ion Ratio Lower Upper
43 100
74 25.1 19.9 29.9

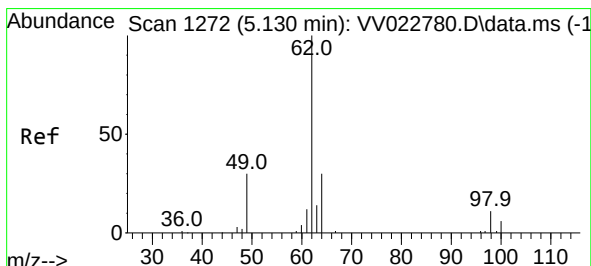
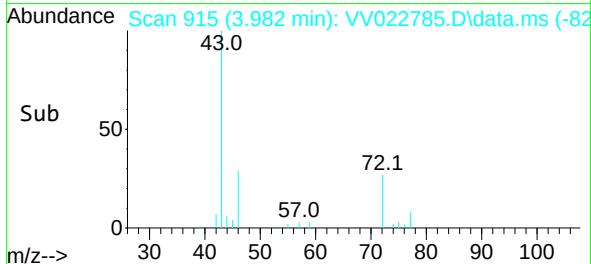
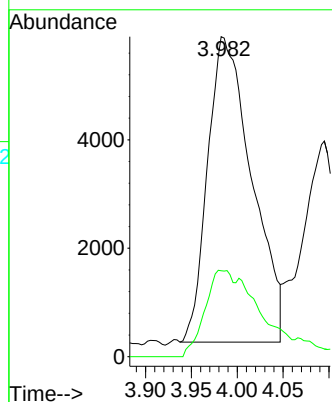
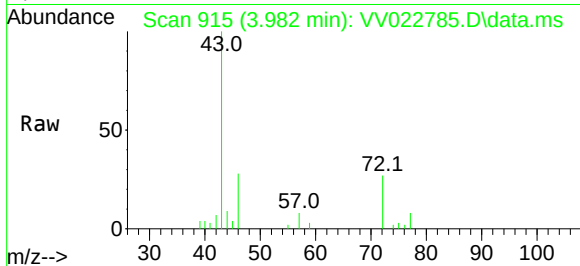




#21
2-Butanone
Concen: 9.697 ug/L
RT: 3.982 min Scan# 915
Delta R.T. 0.000 min
Lab File: VV022785.D
Acq: 14 Oct 2021 12:19

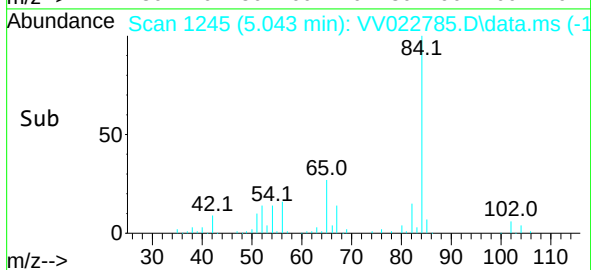
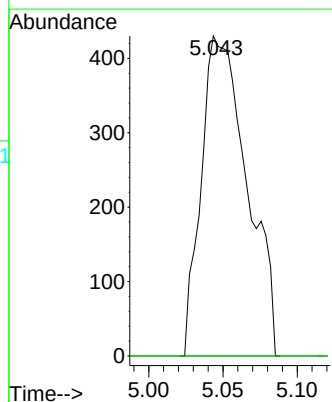
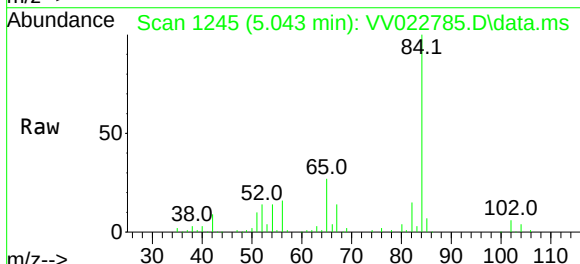
Instrument :
MSVOA_V
ClientSampleId :
YATL1

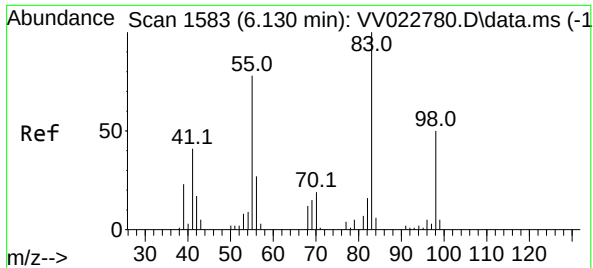
Tgt Ion: 43 Resp: 18895
Ion Ratio Lower Upper
43 100
72 18.6 12.3 36.8



#27
1,2-Dichloroethane
Concen: 0.114 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.087 min
Lab File: VV022785.D
Acq: 14 Oct 2021 12:19

Tgt Ion: 62 Resp: 924
Ion Ratio Lower Upper
62 100
98 0.0 9.7 14.5#

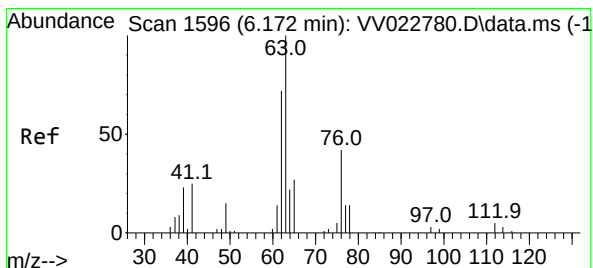
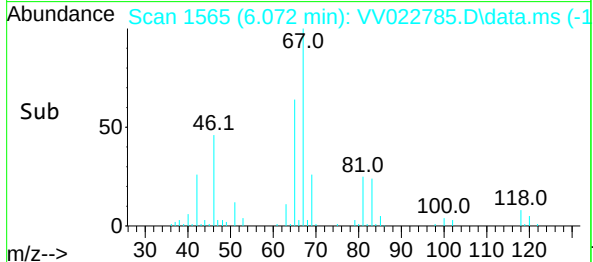
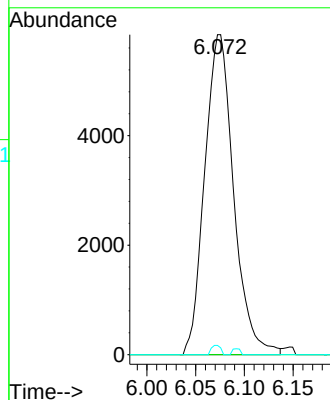
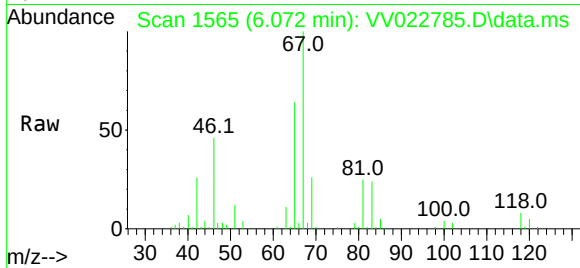




#35
Methylcyclohexane
Concen: 0.963 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV022785.D
Acq: 14 Oct 2021 12:19

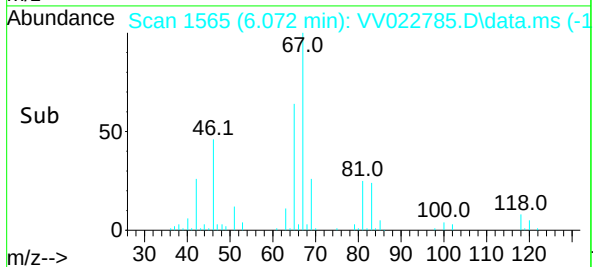
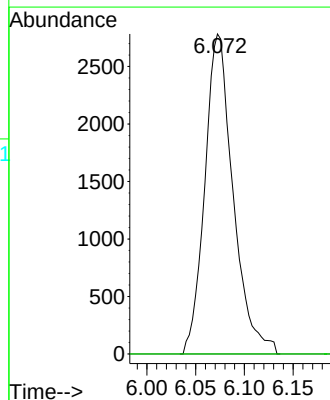
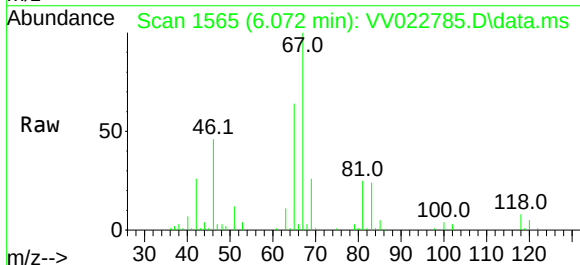
Instrument :
MSVOA_V
ClientSampled :
YATL1

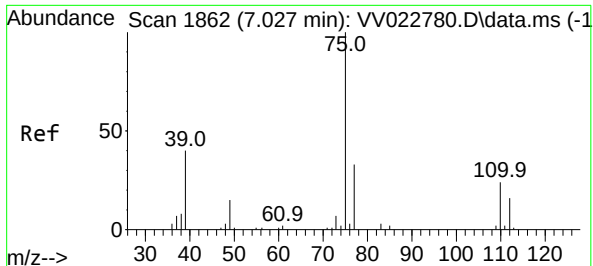
Tgt Ion:	83	Resp:	12094
Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.8	95.6#
98	0.9	42.1	63.1#



#37
1,2-Dichloropropane
Concen: 0.711 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022785.D
Acq: 14 Oct 2021 12:19

Tgt Ion:	63	Resp:	5631
Ion	Ratio	Lower	Upper
63	100		
112	0.4	4.4	6.6#

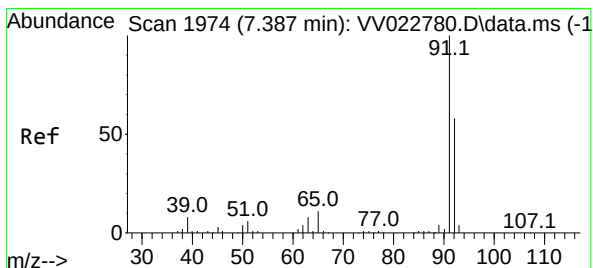
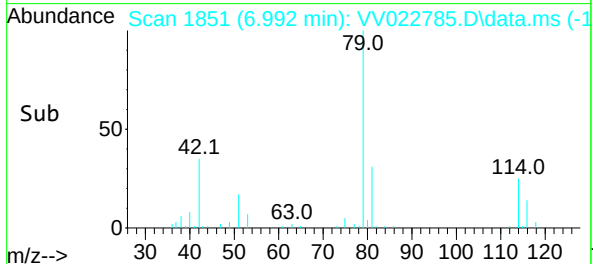
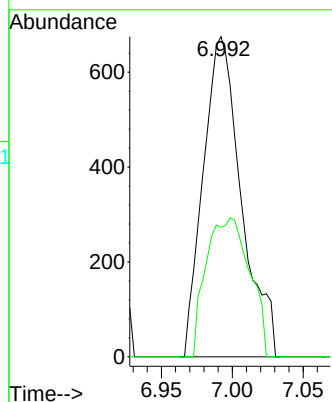
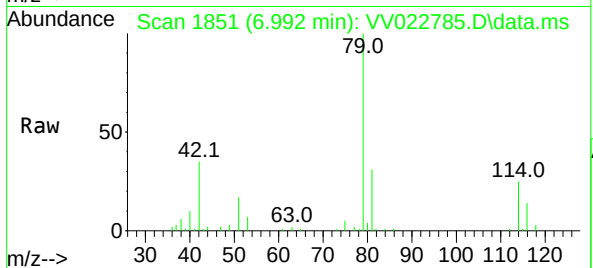




#39
 cis-1,3-Dichloropropene
 Concen: 0.120 ug/L
 RT: 6.992 min Scan# 1851
 Delta R.T. -0.035 min
 Lab File: VV022785.D
 Acq: 14 Oct 2021 12:19

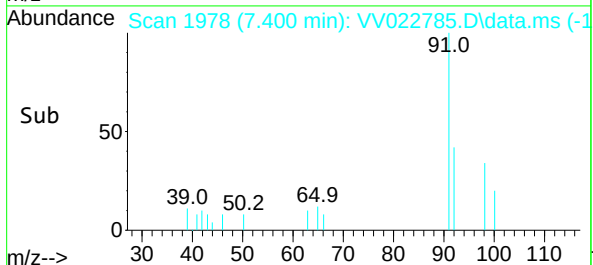
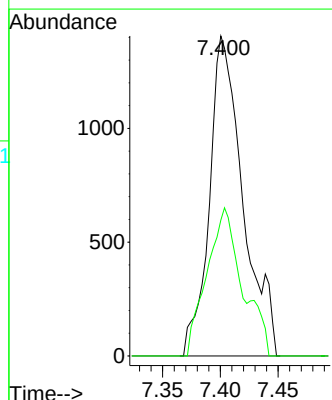
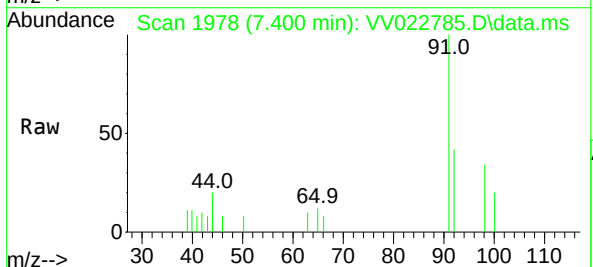
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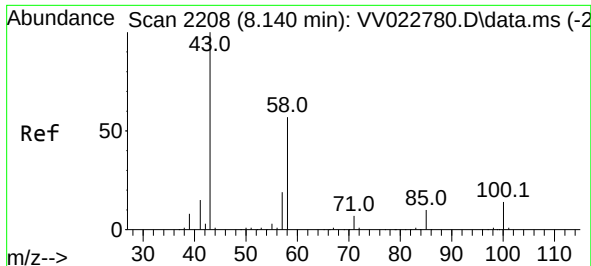
Tgt Ion: 75 Resp: 1263
 Ion Ratio Lower Upper
 75 100
 77 40.4 22.3 41.3



#42
 Toluene
 Concen: 0.085 ug/L
 RT: 7.400 min Scan# 1978
 Delta R.T. 0.013 min
 Lab File: VV022785.D
 Acq: 14 Oct 2021 12:19

Tgt Ion: 91 Resp: 2851
 Ion Ratio Lower Upper
 91 100
 92 42.5 40.7 75.7

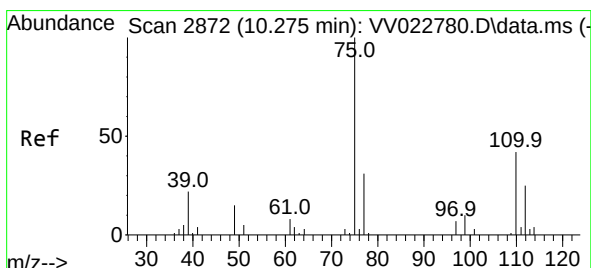
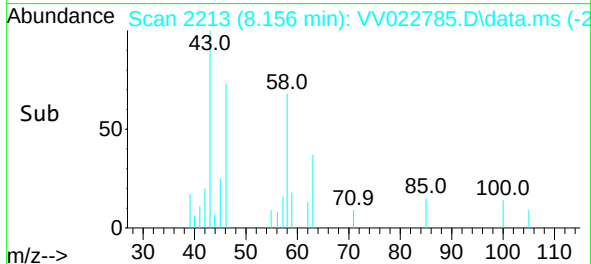
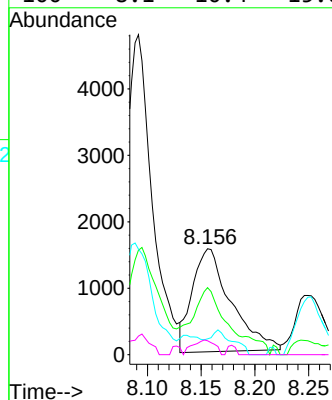
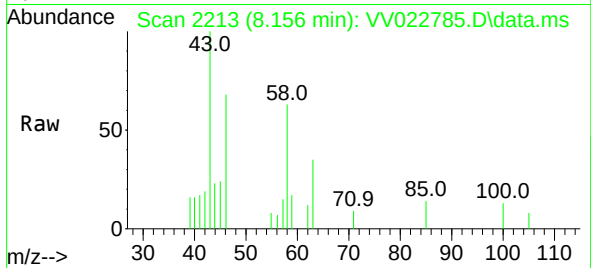




#48
2-Hexanone
Concen: 1.248 ug/L
RT: 8.156 min Scan# 2213
Delta R.T. 0.016 min
Lab File: VV022785.D
Acq: 14 Oct 2021 12:19

Instrument :
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ClientSampled :
YATL1

Tgt Ion: 43 Resp: 3885
Ion Ratio Lower Upper
43 100
58 62.9 47.4 71.0
57 14.1 15.3 22.9#
100 8.1 10.4 15.6#



#61
1,2,3-Trichloropropane
Concen: 0.240 ug/L
RT: 10.011 min Scan# 2790
Delta R.T. -0.264 min
Lab File: VV022785.D
Acq: 14 Oct 2021 12:19

Tgt Ion: 75 Resp: 965
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#
110 0.0 34.2 51.4#

