

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101421\
 Data File : VV022787.D
 Acq On : 14 Oct 2021 13:05
 Operator : SY/MD
 Sample : M4181-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B82

Quant Time: Oct 15 01:59:21 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)

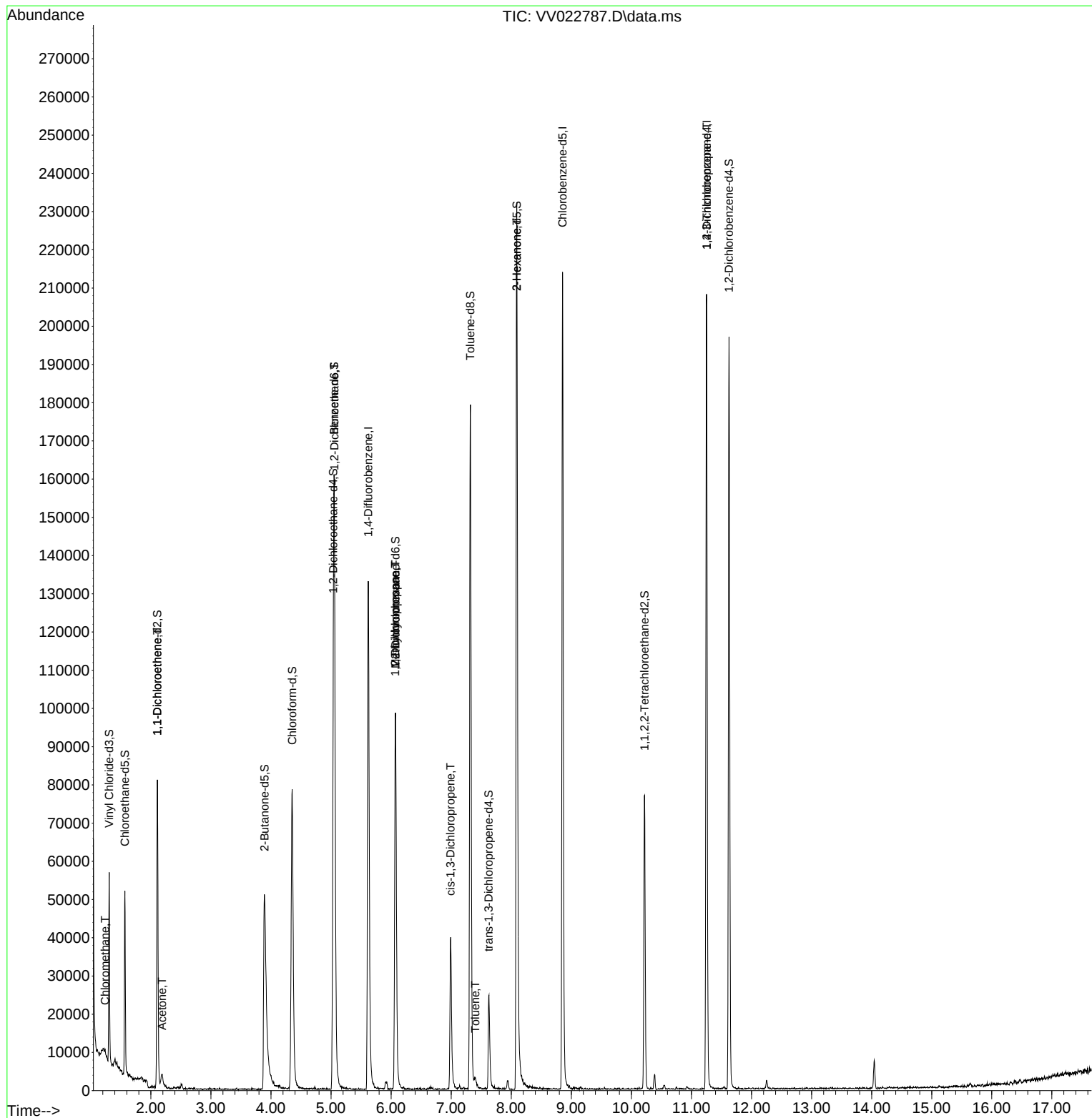
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	120024	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	122451	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	56783	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	30157	3.652	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.000%
7) Chloroethane-d5	1.568	69	28740	3.873	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	2.108	63	41112	2.538	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.800%#
20) 2-Butanone-d5	3.892	46	100855	46.579	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.160%
24) Chloroform-d	4.352	84	80626	4.738	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.037	65	37869	4.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.053	84	147089	4.035	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
36) 1,2-Dichloropropane-d6	6.072	67	49140	4.552	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.320	98	122407	3.884	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	7.625	79	14794	4.131	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.091	63	75515	52.325	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.660%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	36745	5.025	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	53167	5.050	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
3) Chloromethane	1.240	50	502	0.057	ug/L	87
12) 1,1-Dichloroethene	2.108	96	456	0.063	ug/L #	1
13) Acetone	2.185	43	4939	4.091	ug/L #	35
27) 1,2-Dichloroethane	5.056	62	946	0.115	ug/L #	69
35) Methylcyclohexane	6.072	83	12004	0.955	ug/L #	16
37) 1,2-Dichloropropane	6.069	63	5320	0.671	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1154	0.110	ug/L #	69
42) Toluene	7.400	91	2275	0.068	ug/L	87
48) 2-Hexanone	8.091	43	8989	2.885	ug/L #	76
61) 1,2,3-Trichloropropane	11.252	75	5982	1.516	ug/L #	62

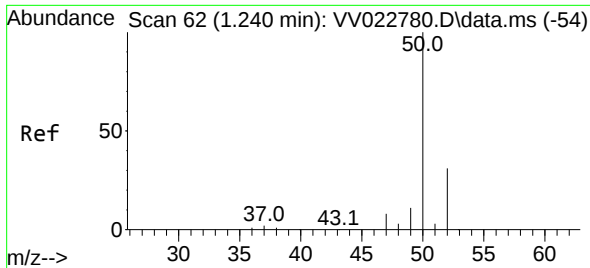
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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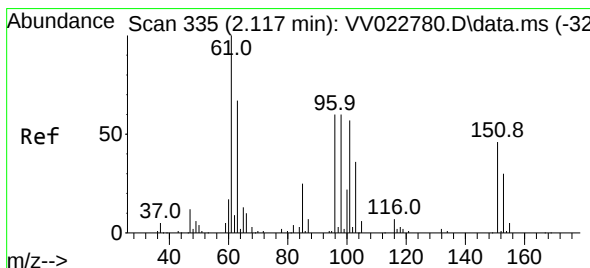
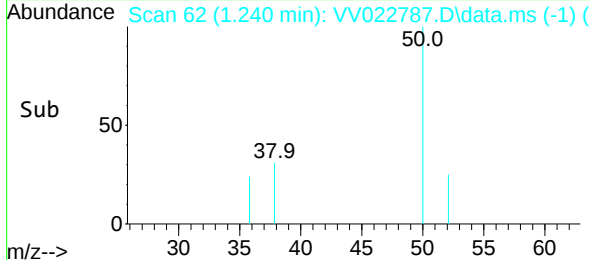
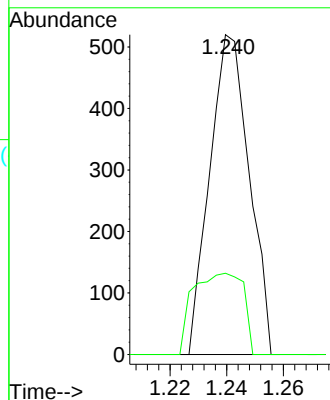
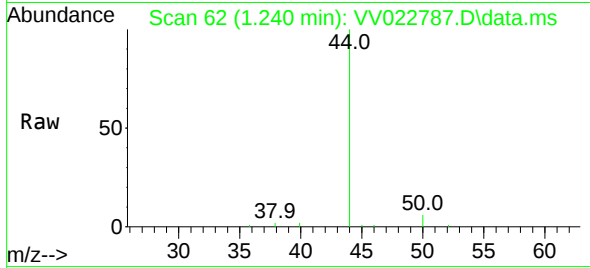




#3
Chloromethane
Concen: 0.057 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV022787.D
Acq: 14 Oct 2021 13:05

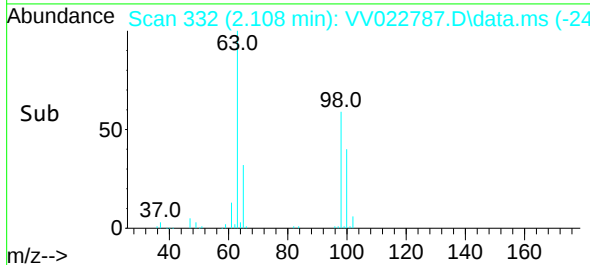
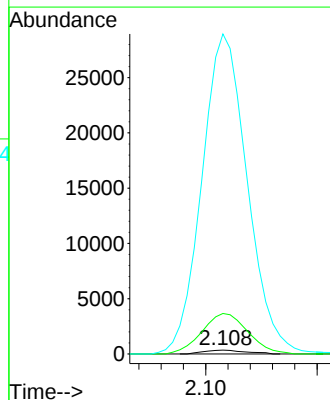
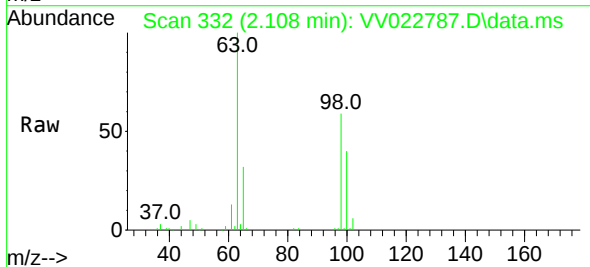
Instrument :
MSVOA_V
ClientSampled :
C0B82

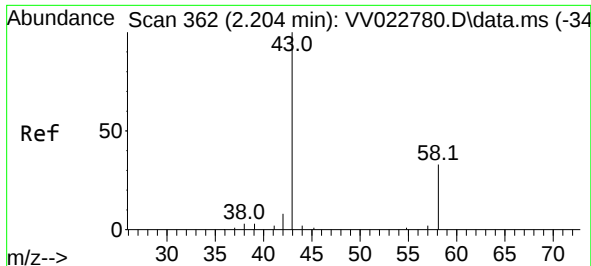
Tgt Ion: 50 Resp: 502
Ion Ratio Lower Upper
50 100
52 25.4 22.9 42.5



#12
1,1-Dichloroethene
Concen: 0.063 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.010 min
Lab File: VV022787.D
Acq: 14 Oct 2021 13:05

Tgt Ion: 96 Resp: 456
Ion Ratio Lower Upper
96 100
61 1044.9 127.3 236.5#
63 8272.0 106.2 197.2#

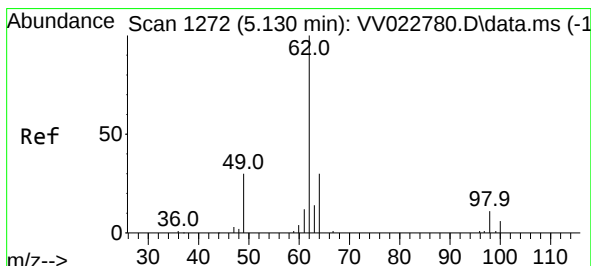
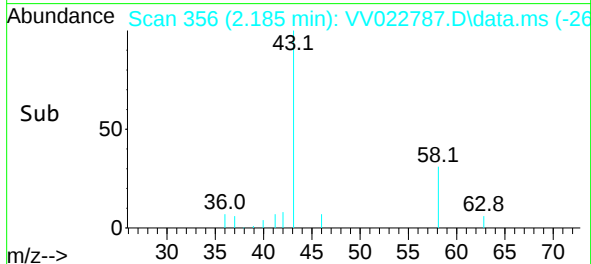
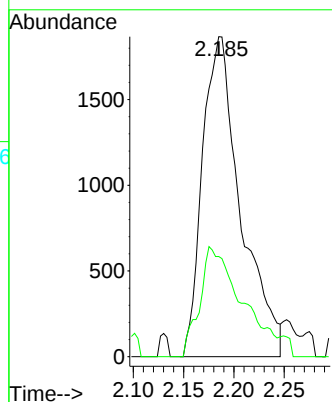
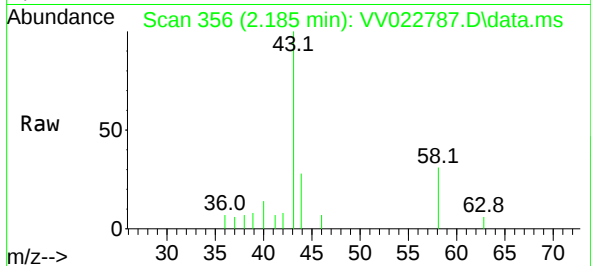




#13
Acetone
Concen: 4.091 ug/L
RT: 2.185 min Scan# 356
Delta R.T. -0.019 min
Lab File: VV022787.D
Acq: 14 Oct 2021 13:05

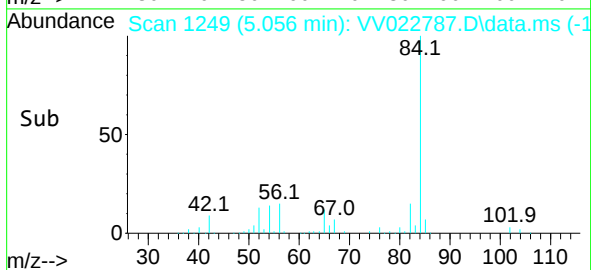
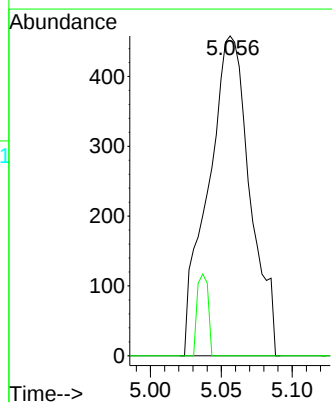
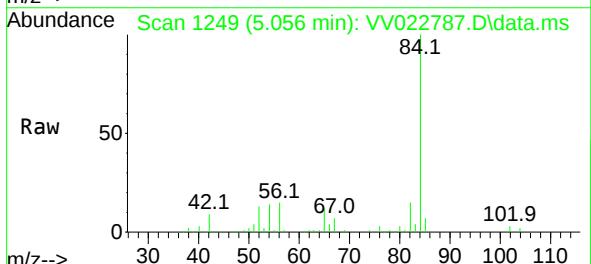
Instrument :
MSVOA_V
ClientSampled :
C0B82

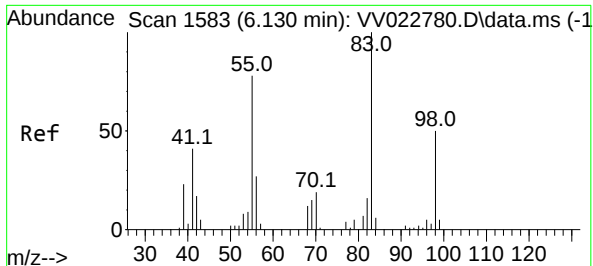
Tgt Ion: 43 Resp: 4939
Ion Ratio Lower Upper
43 100
58 37.5 0.0 24.2#



#27
1,2-Dichloroethane
Concen: 0.115 ug/L
RT: 5.056 min Scan# 1249
Delta R.T. -0.074 min
Lab File: VV022787.D
Acq: 14 Oct 2021 13:05

Tgt Ion: 62 Resp: 946
Ion Ratio Lower Upper
62 100
98 0.0 9.7 14.5#

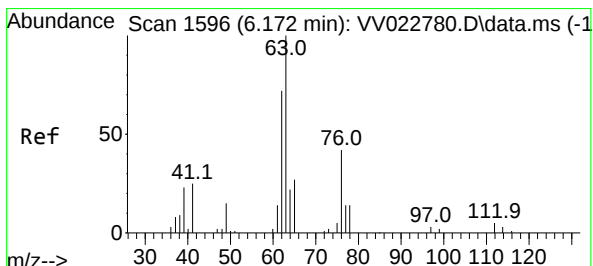
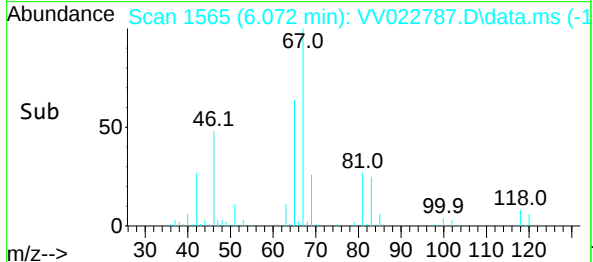
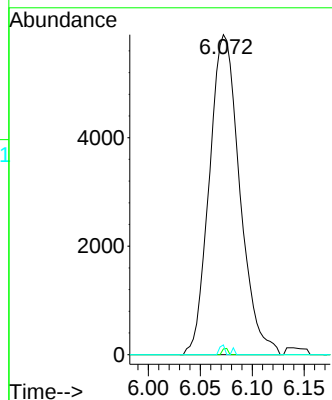
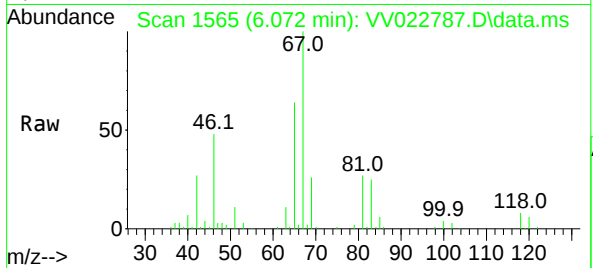




#35
Methylcyclohexane
Concen: 0.955 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV022787.D
Acq: 14 Oct 2021 13:05

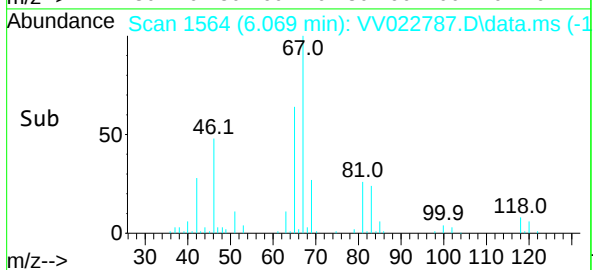
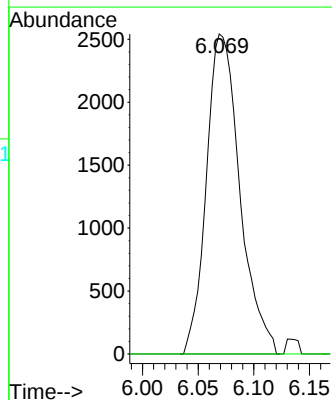
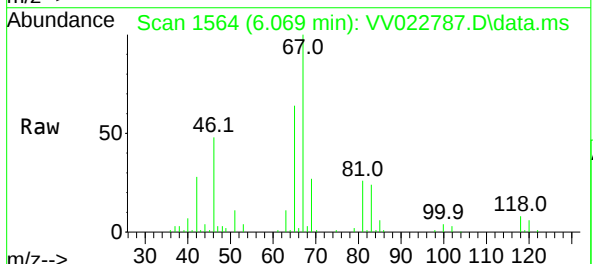
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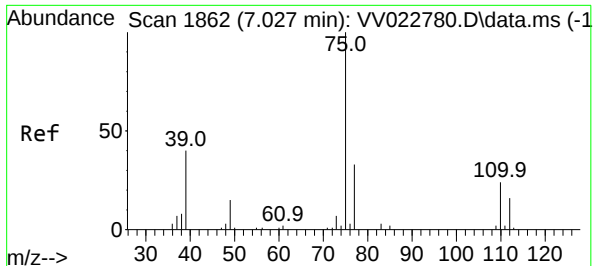
Tgt Ion: 83 Resp: 12004
Ion Ratio Lower Upper
83 100
55 0.4 63.8 95.6#
98 0.5 42.1 63.1#



#37
1,2-Dichloropropane
Concen: 0.671 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV022787.D
Acq: 14 Oct 2021 13:05

Tgt Ion: 63 Resp: 5320
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#

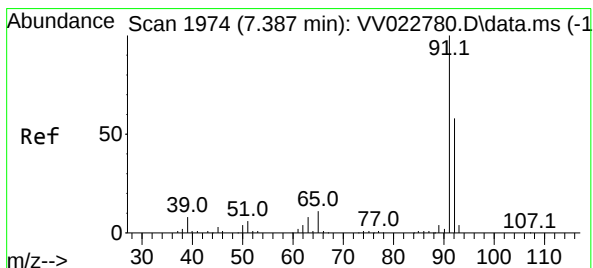
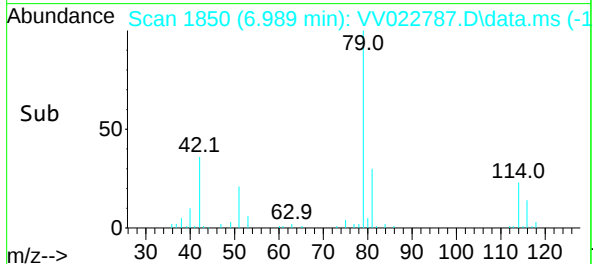
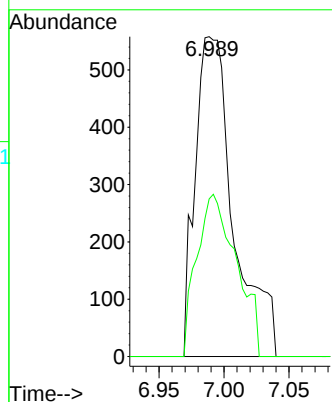
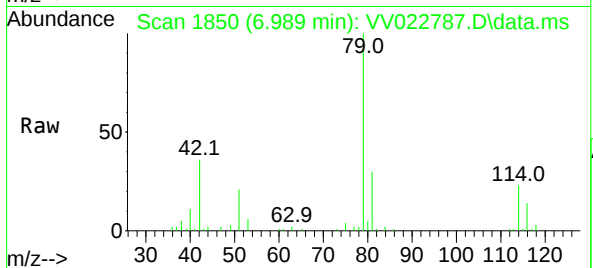




#39
cis-1,3-Dichloropropene
Concen: 0.110 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV022787.D
Acq: 14 Oct 2021 13:05

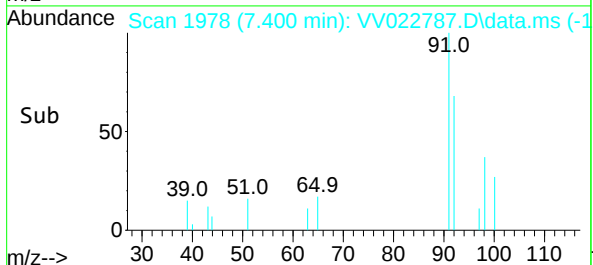
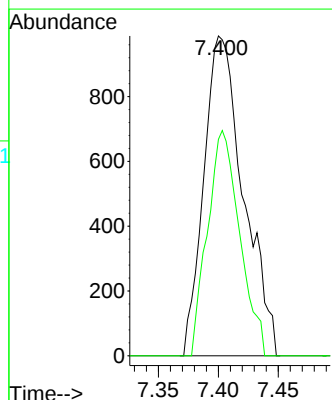
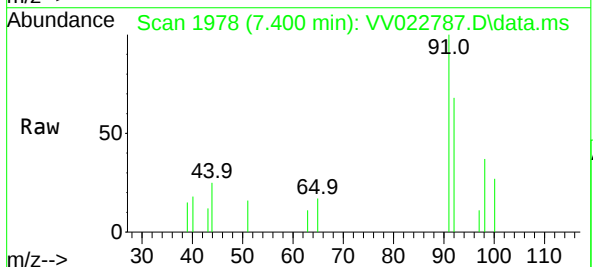
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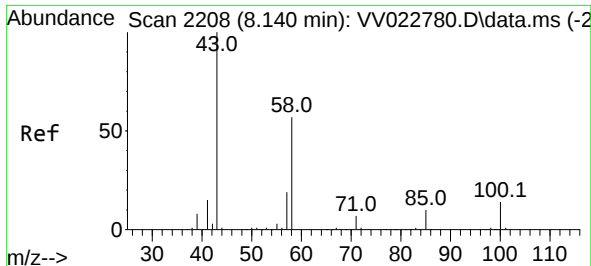
Tgt Ion: 75 Resp: 1154
Ion Ratio Lower Upper
75 100
77 49.3 22.3 41.3#



#42
Toluene
Concen: 0.068 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.013 min
Lab File: VV022787.D
Acq: 14 Oct 2021 13:05

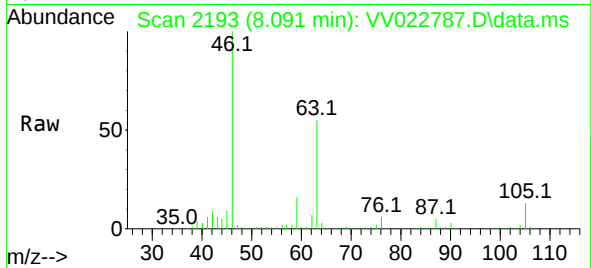
Tgt Ion: 91 Resp: 2275
Ion Ratio Lower Upper
91 100
92 67.7 40.7 75.7



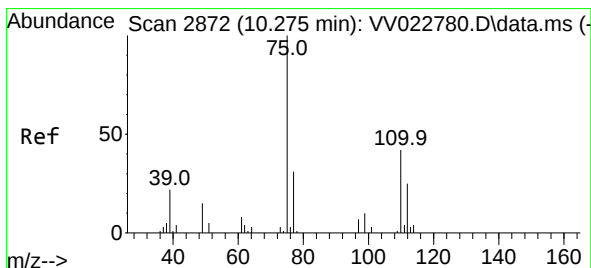
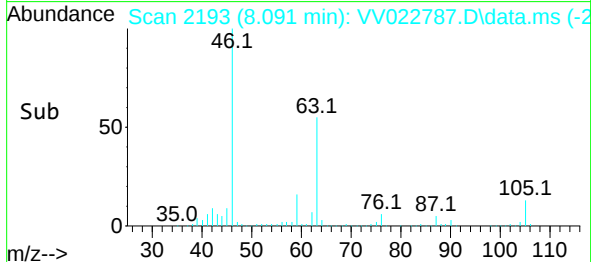
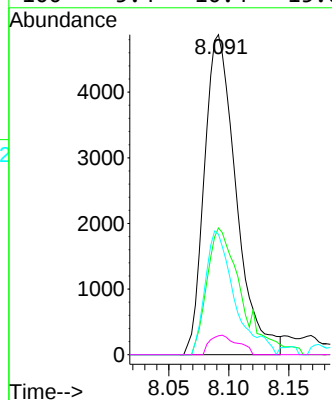


#48
2-Hexanone
Concen: 2.885 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. -0.048 min
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Tgt Ion:	43	Resp:	8989
Ion	Ratio	Lower	Upper
43	100		
58	43.3	47.4	71.0#
57	35.5	15.3	22.9#
100	5.4	10.4	15.6#



#61
1,2,3-Trichloropropane
Concen: 1.516 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.977 min
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Tgt Ion:	75	Resp:	5982
Ion	Ratio	Lower	Upper
75	100		
77	34.2	25.4	38.2
110	3.0	34.2	51.4#

