

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101421\
 Data File : VV022783.D
 Acq On : 14 Oct 2021 11:31
 Operator : SY/MD
 Sample : M4167-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YATK9

Quant Time: Oct 15 01:58:56 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)

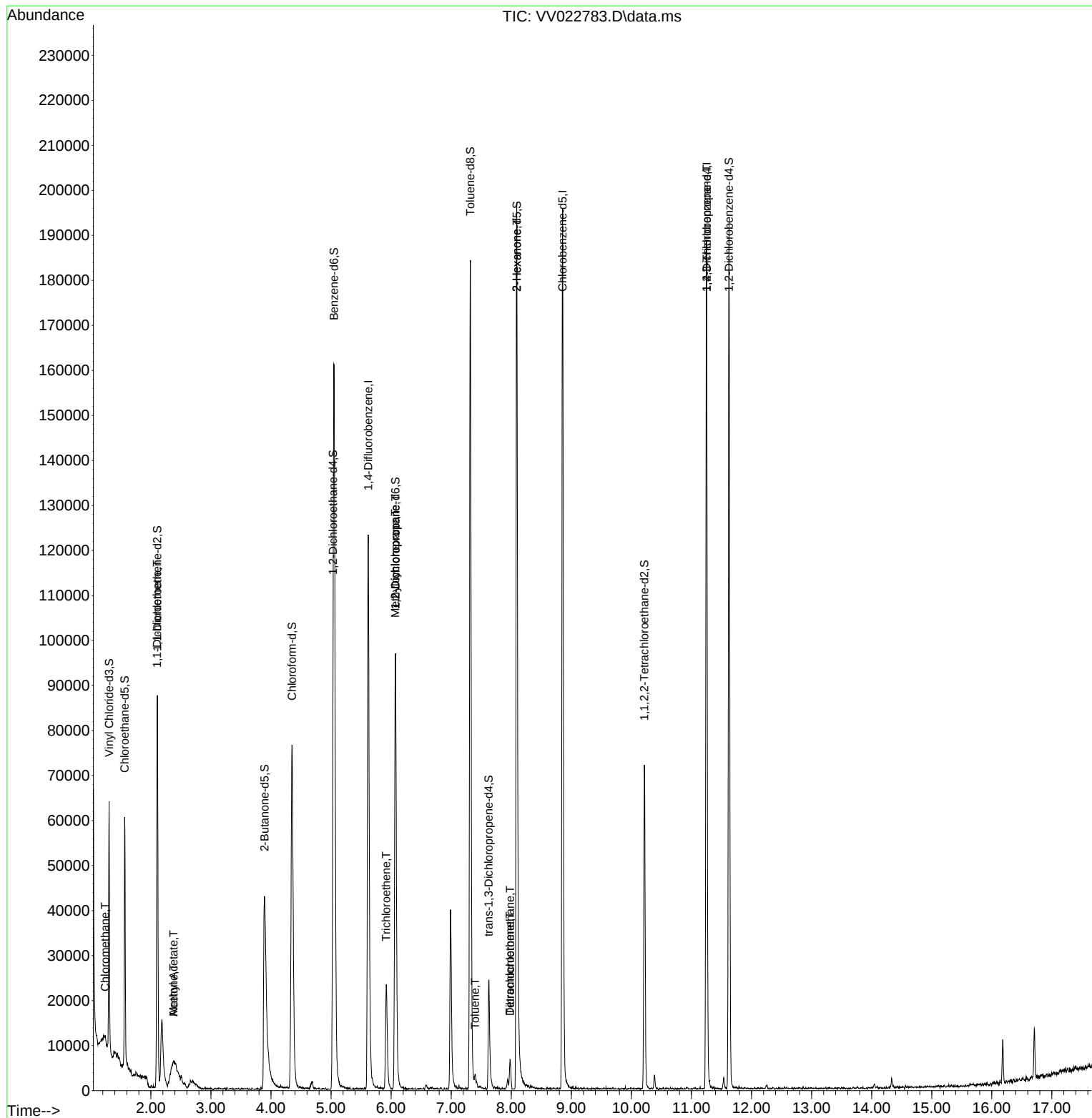
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	110306	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	113831	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	52975	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	32605	4.296	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.564	69	33605	4.928	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.108	63	45099	3.029	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.600%
20) 2-Butanone-d5	3.892	46	83700	42.062	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.120%
24) Chloroform-d	4.349	84	80950	5.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	5.034	65	36233	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.050	84	149163	4.402	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.072	67	48358	4.819	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.320	98	123795	4.226	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	7.625	79	14789	4.442	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.092	63	66838	49.820	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.640%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34412	5.062	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	50279	5.119	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	744	0.092	ug/L	88
12) 1,1-Dichloroethene	2.105	96	436	0.065	ug/L #	1
13) Acetone	2.378	43	1476	1.330	ug/L	69
15) Methyl Acetate	2.378	43	1476	0.465	ug/L #	50
34) Trichloroethene	5.918	95	8457	1.014	ug/L	94
35) Methylcyclohexane	6.069	83	12153	1.040	ug/L #	17
37) 1,2-Dichloropropane	6.072	63	5362	0.727	ug/L #	84
42) Toluene	7.400	91	2166	0.070	ug/L	80
47) Tetrachloroethene	7.979	164	1526	0.226	ug/L	93
48) 2-Hexanone	8.092	43	8004	2.763	ug/L #	69
49) Dibromochloromethane	7.982	129	1460	0.228	ug/L #	7
61) 1,2,3-Trichloropropane	11.252	75	5816	1.580	ug/L #	61

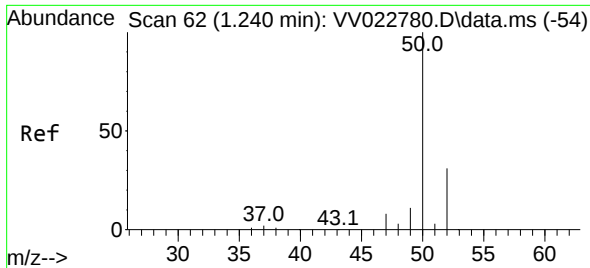
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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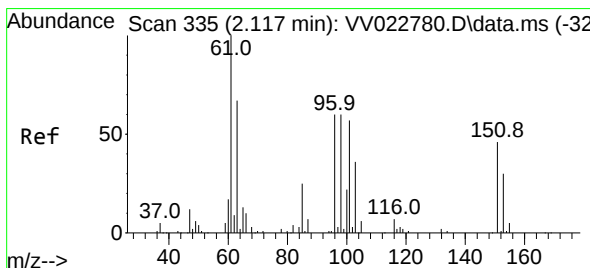
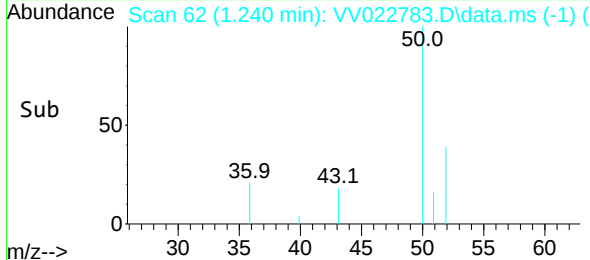
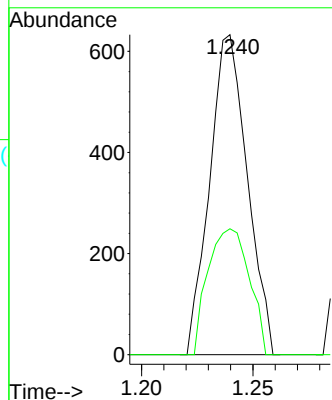
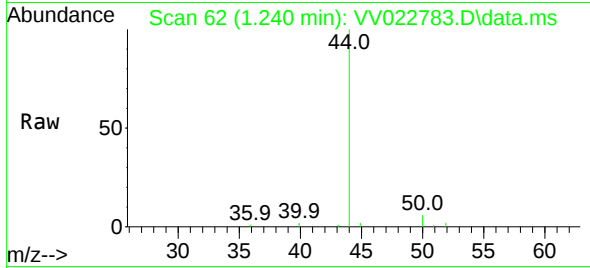




#3
Chloromethane
Concen: 0.092 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV022783.D
Acq: 14 Oct 2021 11:31

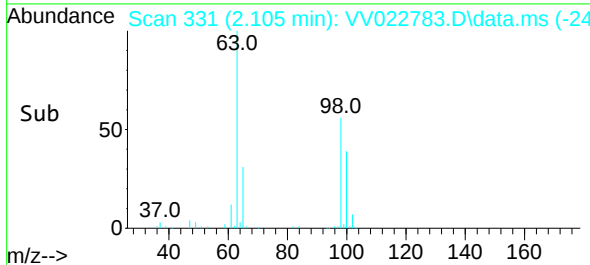
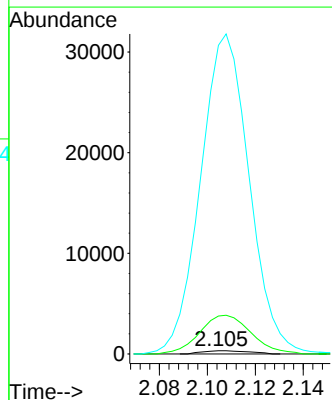
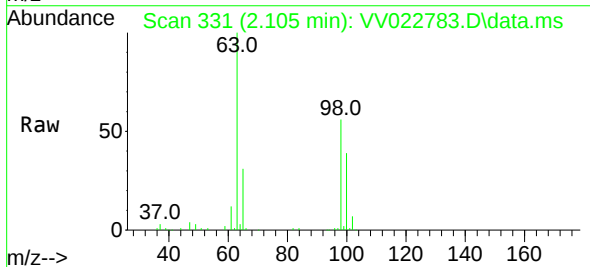
Instrument :
MSVOA_V
ClientSampled :
YATK9

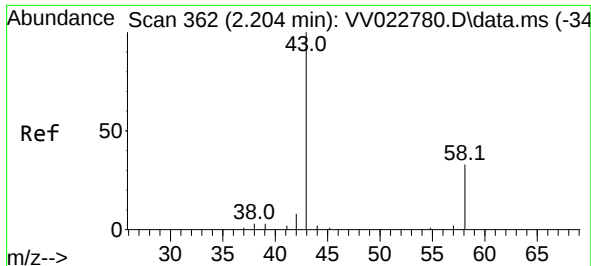
Tgt Ion: 50 Resp: 744
Ion Ratio Lower Upper
50 100
52 39.3 22.9 42.5



#12
1,1-Dichloroethene
Concen: 0.065 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.013 min
Lab File: VV022783.D
Acq: 14 Oct 2021 11:31

Tgt Ion: 96 Resp: 436
Ion Ratio Lower Upper
96 100
61 1160.3 127.3 236.5#
63 9437.5 106.2 197.2#

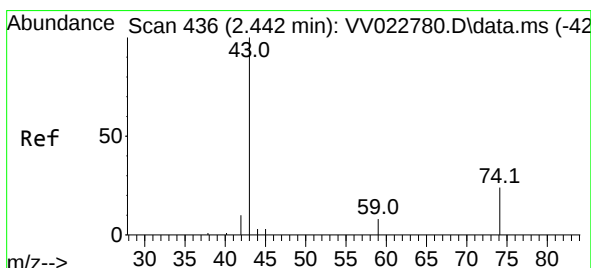
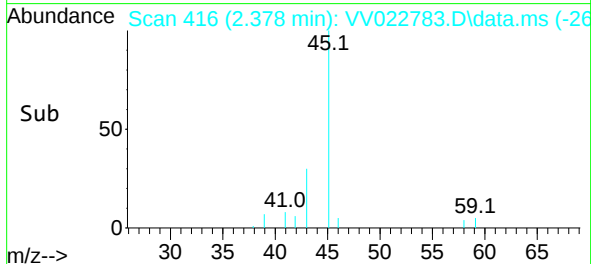
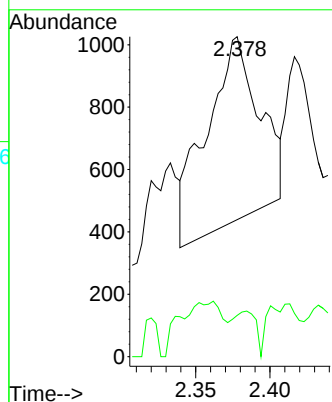
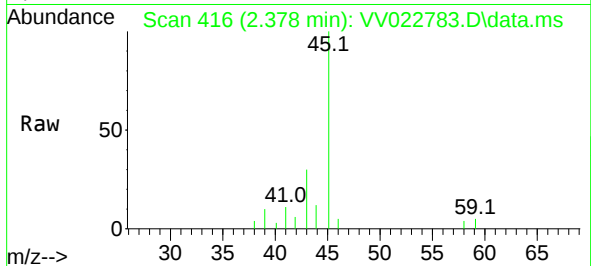




#13
Acetone
Concen: 1.330 ug/L
RT: 2.378 min Scan# 416
Delta R.T. 0.174 min
Lab File: VV022783.D
Acq: 14 Oct 2021 11:31

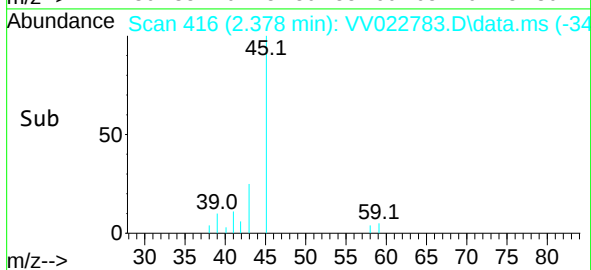
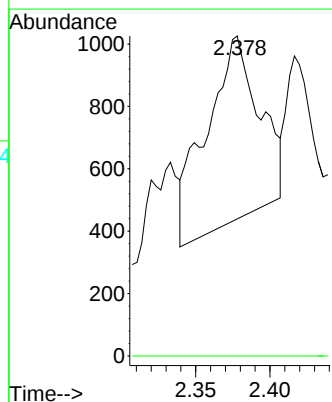
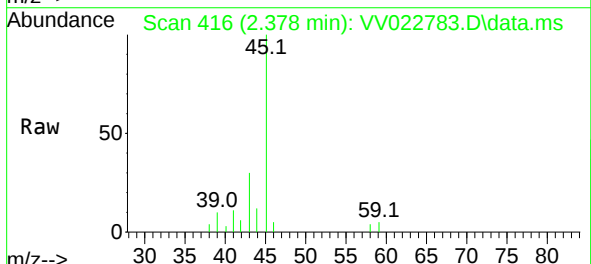
Instrument :
MSVOA_V
ClientSampled :
YATK9

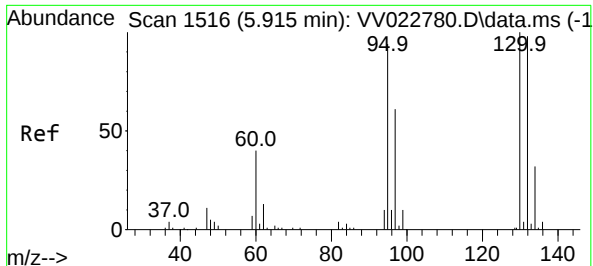
Tgt Ion: 43 Resp: 1476
Ion Ratio Lower Upper
43 100
58 24.2 0.0 24.2



#15
Methyl Acetate
Concen: 0.465 ug/L
RT: 2.378 min Scan# 416
Delta R.T. -0.064 min
Lab File: VV022783.D
Acq: 14 Oct 2021 11:31

Tgt Ion: 43 Resp: 1476
Ion Ratio Lower Upper
43 100
74 0.0 19.9 29.9#



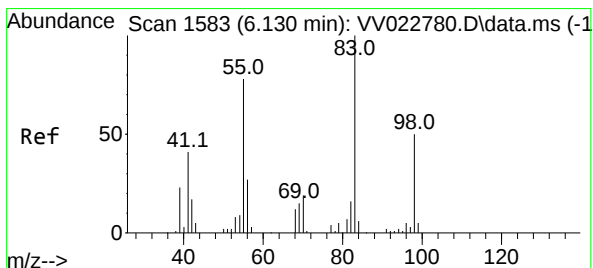
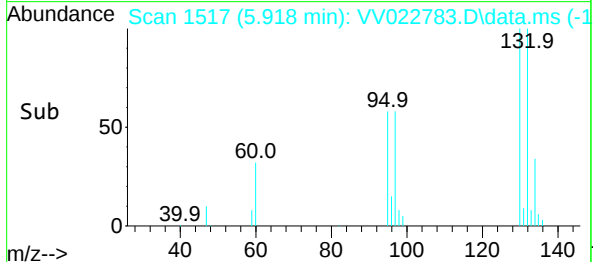
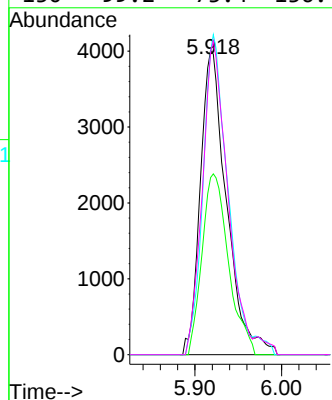
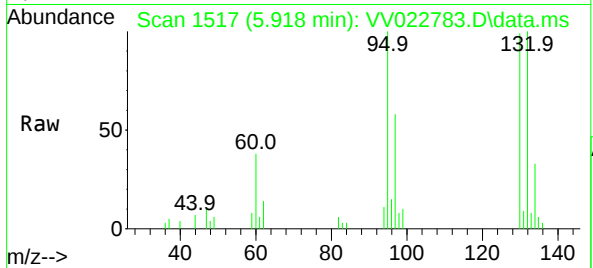


#34
Trichloroethene
Concen: 1.014 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV022783.D
Acq: 14 Oct 2021 11:31

Instrument :
MSVOA_V
ClientSampled :
YATK9

Tgt Ion: 95 Resp: 8457

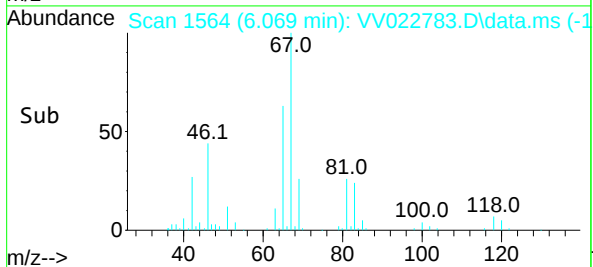
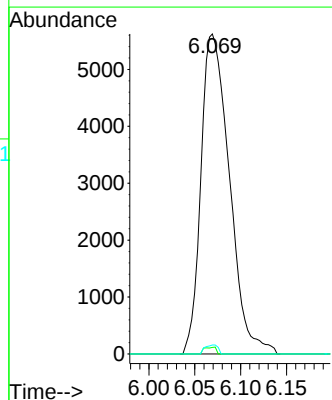
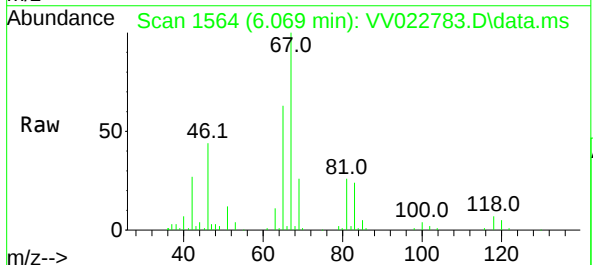
Ion	Ratio	Lower	Upper
95	100		
97	58.2	45.8	85.2
132	99.7	72.2	134.0
130	99.2	73.4	136.4

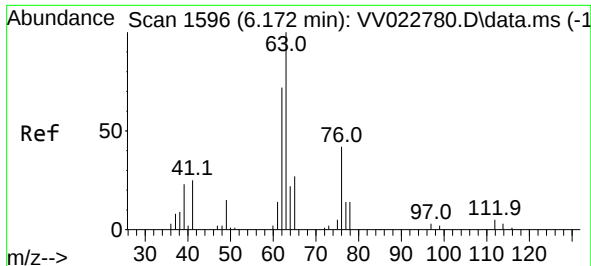


#35
Methylcyclohexane
Concen: 1.040 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV022783.D
Acq: 14 Oct 2021 11:31

Tgt Ion: 83 Resp: 12153

Ion	Ratio	Lower	Upper
83	100		
55	0.9	63.8	95.6#
98	1.3	42.1	63.1#



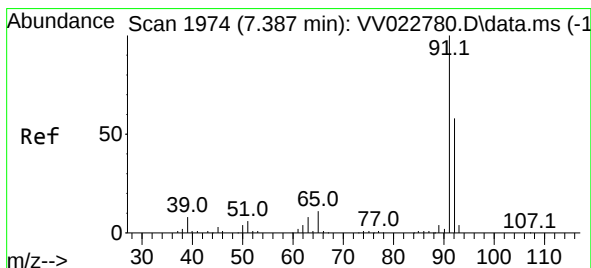
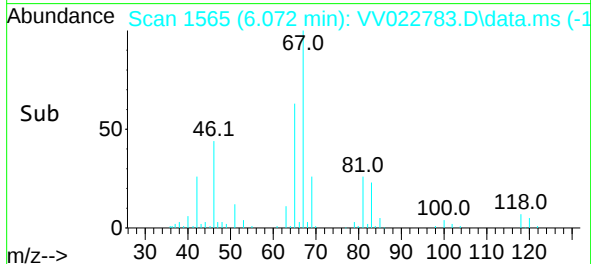
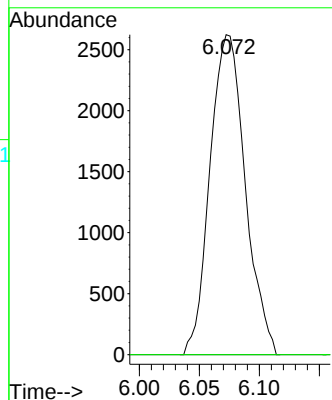
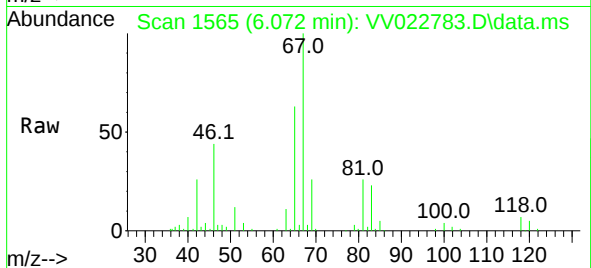


#37

1,2-Dichloropropane
Concen: 0.727 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022783.D
Acq: 14 Oct 2021 11:31

Instrument :
MSVOA_V
ClientSampleId :
YATK9

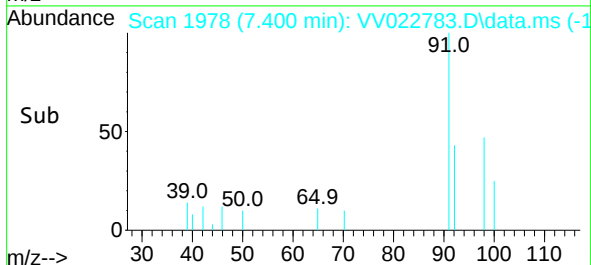
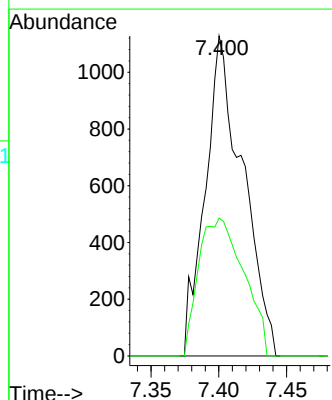
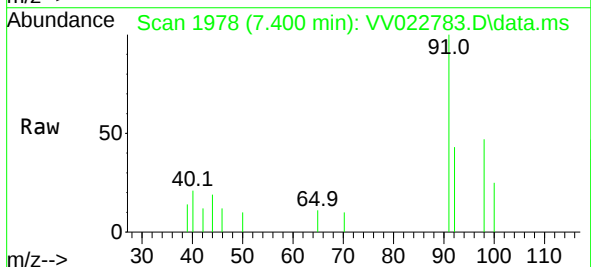
Tgt Ion: 63 Resp: 5362
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#

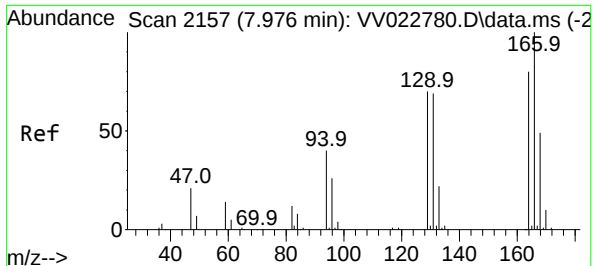


#42

Toluene
Concen: 0.070 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.013 min
Lab File: VV022783.D
Acq: 14 Oct 2021 11:31

Tgt Ion: 91 Resp: 2166
Ion Ratio Lower Upper
91 100
92 43.1 40.7 75.7



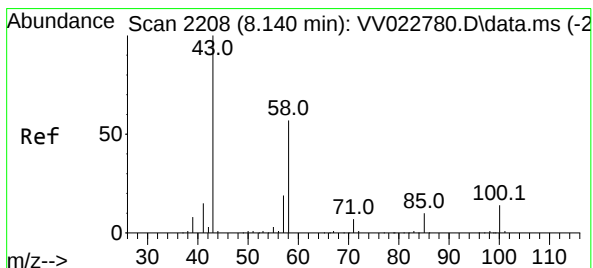
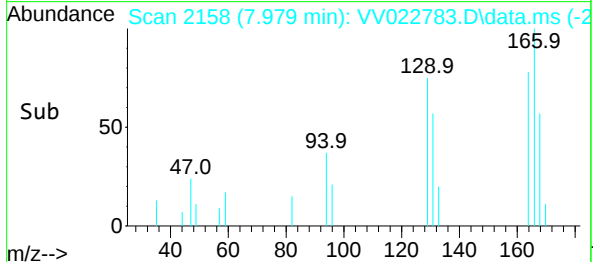
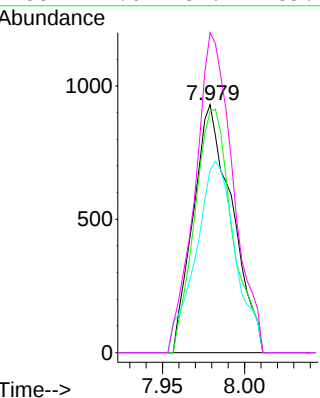
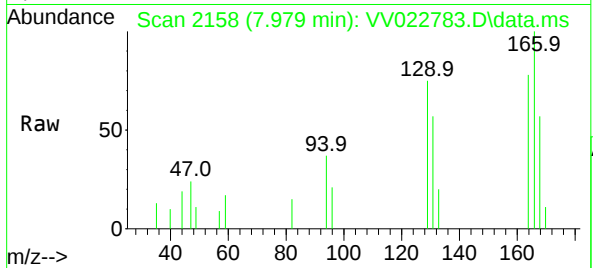


#47
Tetrachloroethene
Concen: 0.226 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022783.D
Acq: 14 Oct 2021 11:31

Instrument :
MSVOA_V
ClientSampled :
YATK9

Tgt Ion:164 Resp: 1526

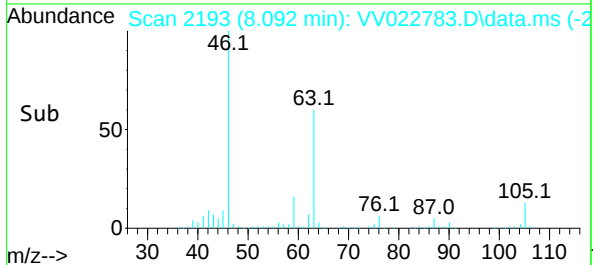
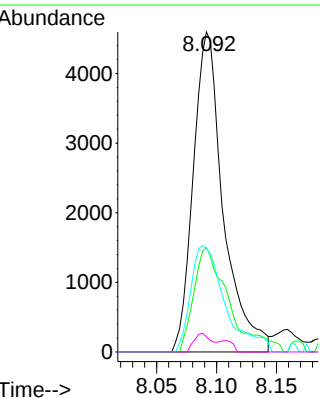
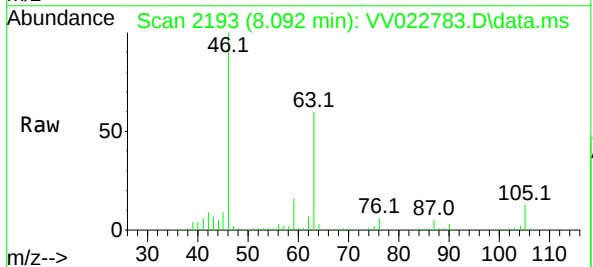
Ion	Ratio	Lower	Upper
164	100		
129	97.3	65.0	120.6
131	73.8	62.2	115.4
166	129.0	89.2	165.8

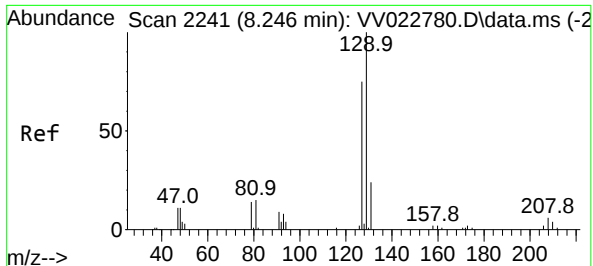


#48
2-Hexanone
Concen: 2.763 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. -0.048 min
Lab File: VV022783.D
Acq: 14 Oct 2021 11:31

Tgt Ion: 43 Resp: 8004

Ion	Ratio	Lower	Upper
43	100		
58	38.0	47.4	71.0#
57	38.2	15.3	22.9#
100	3.2	10.4	15.6#





#49

Dibromochloromethane

Concen: 0.228 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.264 min

Lab File: VV022783.D

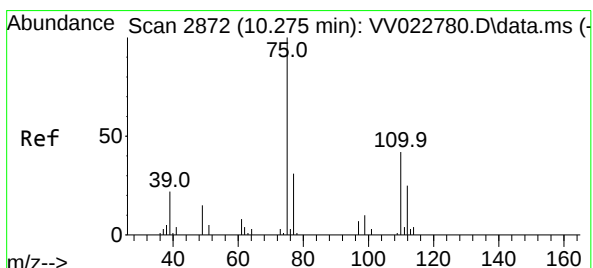
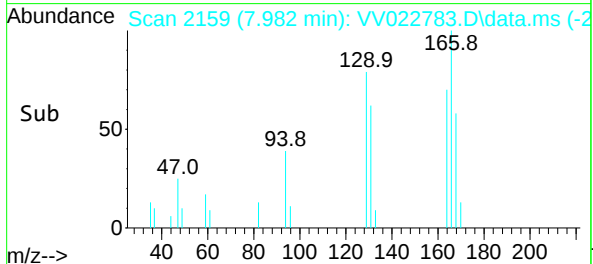
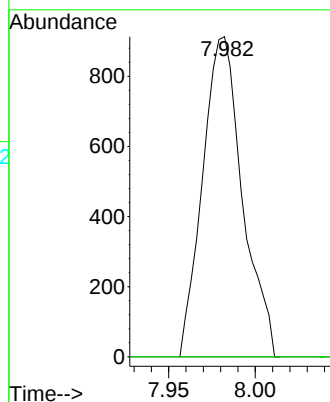
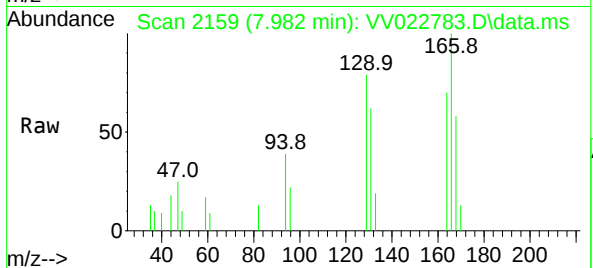
Acq: 14 Oct 2021 11:31

Tgt Ion: 129 Resp: 1460

Ion Ratio Lower Upper

129 100

127 0.0 59.1 109.9#



#61

1,2,3-Trichloropropane

Concen: 1.580 ug/L

RT: 11.252 min Scan# 3176

Delta R.T. 0.977 min

Lab File: VV022783.D

Acq: 14 Oct 2021 11:31

Tgt Ion: 75 Resp: 5816

Ion Ratio Lower Upper

75 100

77 29.8 25.4 38.2

110 1.1 34.2 51.4#

