

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101421\
 Data File : VV022791.D
 Acq On : 14 Oct 2021 14:41
 Operator : SY/MD
 Sample : M4214-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 J0AA3

Quant Time: Oct 15 01:59:49 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)

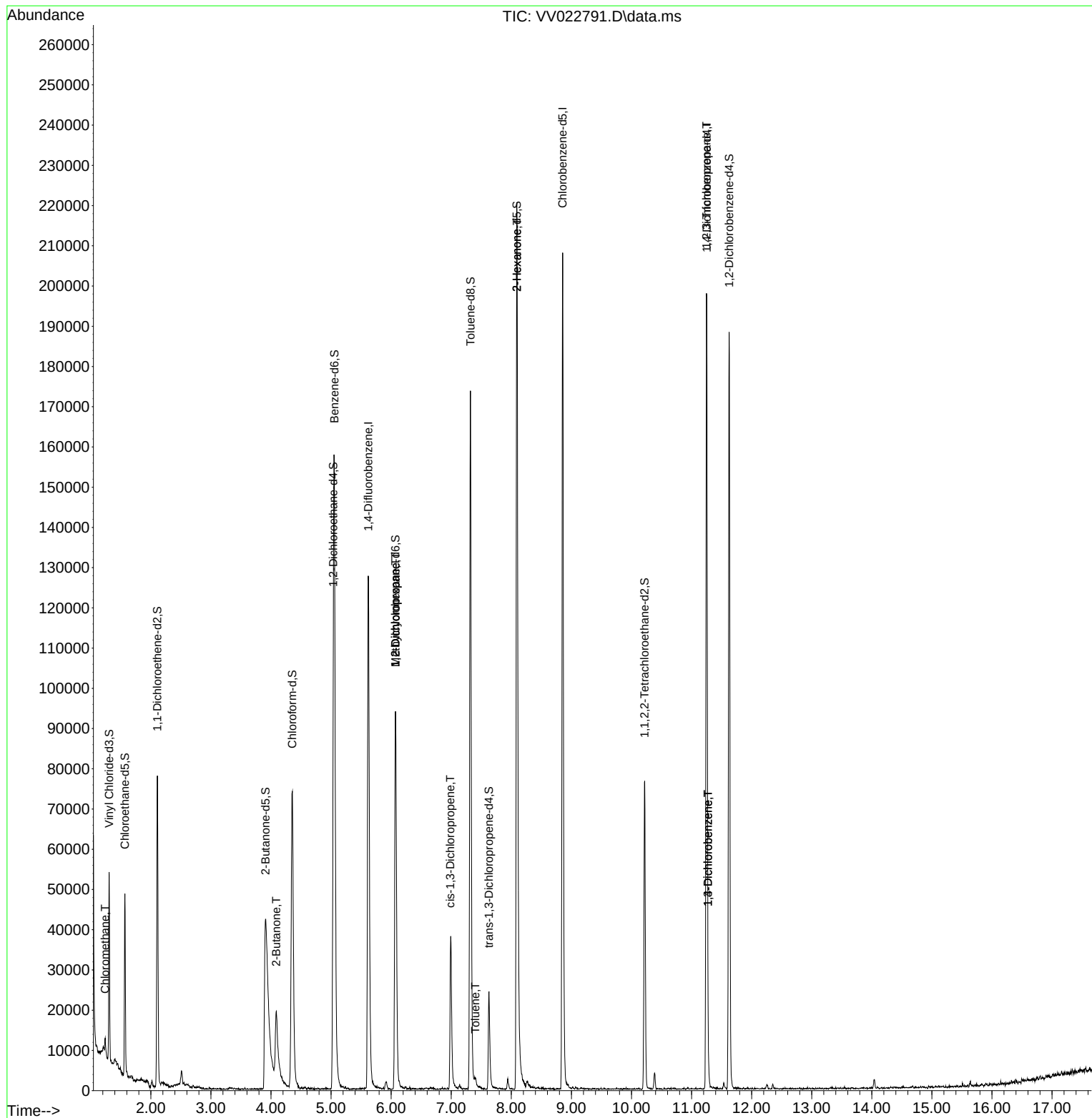
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	115064	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	118379	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	55666	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	29689	3.750	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.000%
7) Chloroethane-d5	1.568	69	27913	3.924	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.400%
11) 1,1-Dichloroethene-d2	2.108	63	39446	2.540	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.800%#
20) 2-Butanone-d5	3.908	46	97059	46.758	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.520%
24) Chloroform-d	4.352	84	77303	4.738	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.037	65	37344	4.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.053	84	143165	4.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	6.072	67	47706	4.571	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.320	98	117347	3.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.000%
43) trans-1,3-Dichloroprop...	7.625	79	13835	3.996	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.091	63	77667	55.668	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.340%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37374	5.286	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	50807	4.923	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1727	0.205	ug/L #	77
21) 2-Butanone	4.088	43	32951	17.386	ug/L #	51
35) Methylcyclohexane	6.072	83	11449	0.943	ug/L #	16
37) 1,2-Dichloropropane	6.072	63	5164	0.673	ug/L #	84
39) cis-1,3-Dichloropropene	6.985	75	959	0.094	ug/L #	60
42) Toluene	7.400	91	2231	0.069	ug/L	93
48) 2-Hexanone	8.095	43	9231	3.064	ug/L #	68
61) 1,2,3-Trichloropropane	11.249	75	6278	1.623	ug/L #	63
64) 1,3-Dichlorobenzene	11.271	146	1120	0.075	ug/L #	81
65) 1,4-Dichlorobenzene	11.271	146	1120	0.074	ug/L #	80

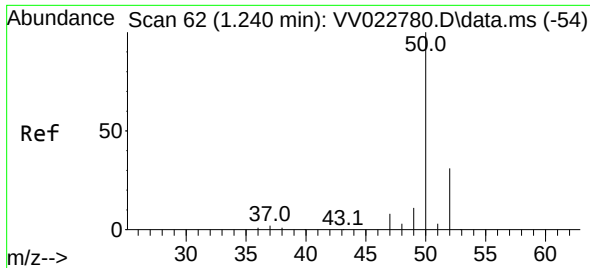
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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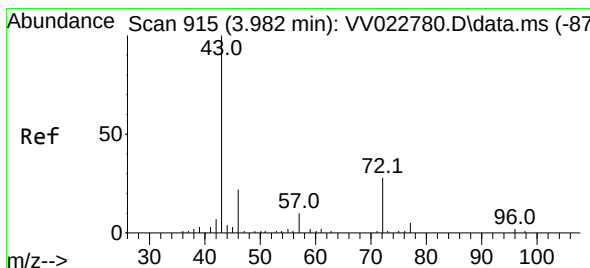
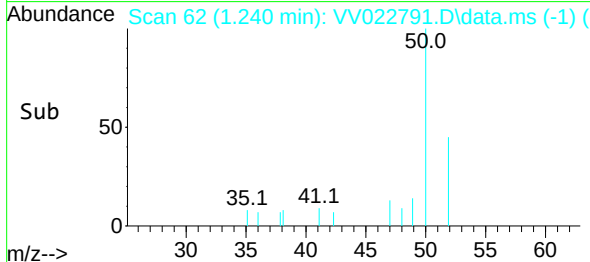
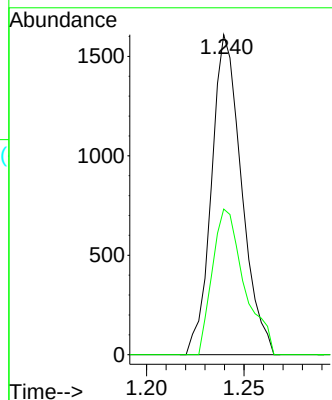
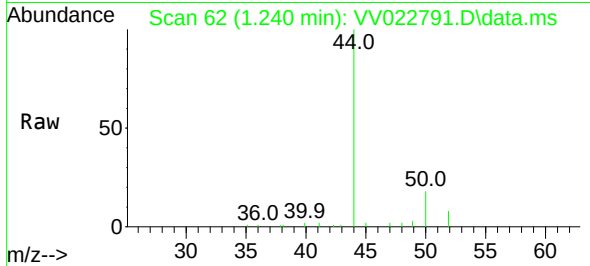




#3
Chloromethane
Concen: 0.205 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV022791.D
Acq: 14 Oct 2021 14:41

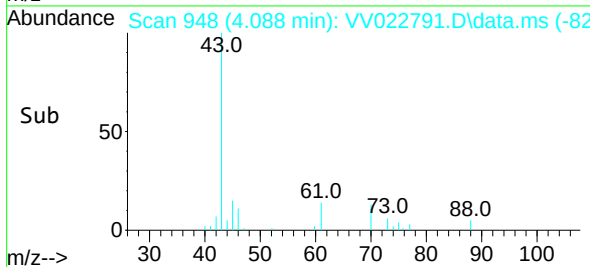
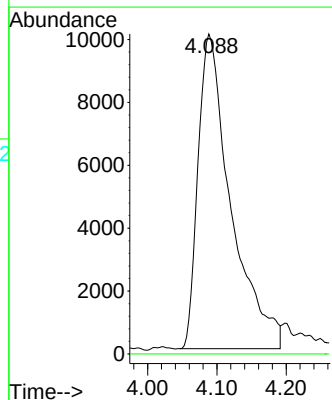
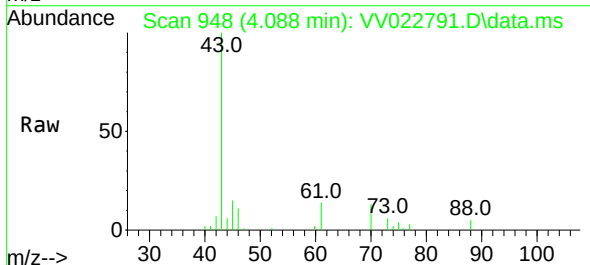
Instrument :
MSVOA_V
ClientSampled :
J0AA3

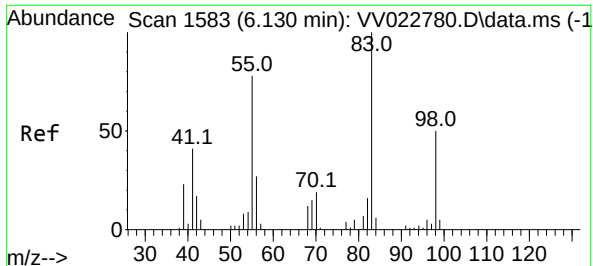
Tgt Ion: 50 Resp: 1727
Ion Ratio Lower Upper
50 100
52 45.5 22.9 42.5#



#21
2-Butanone
Concen: 17.386 ug/L
RT: 4.088 min Scan# 948
Delta R.T. 0.106 min
Lab File: VV022791.D
Acq: 14 Oct 2021 14:41

Tgt Ion: 43 Resp: 32951
Ion Ratio Lower Upper
43 100
72 0.1 12.3 36.8#

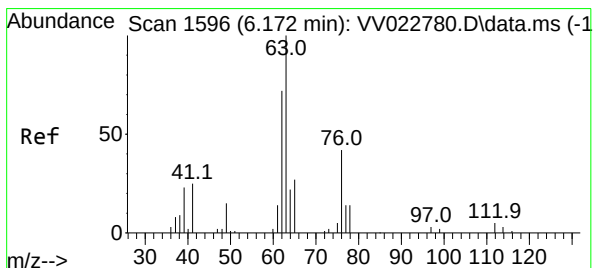
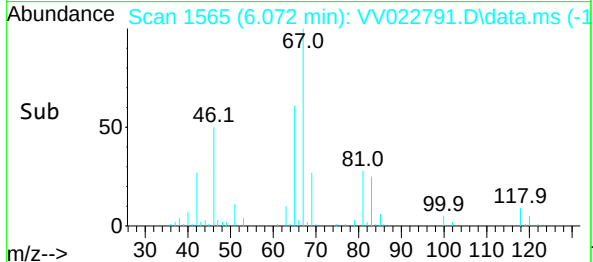
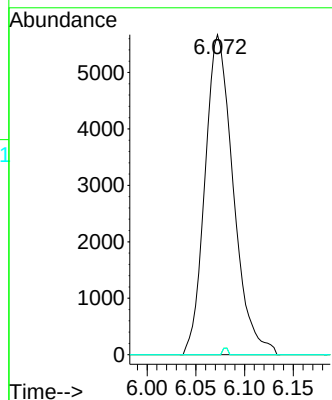
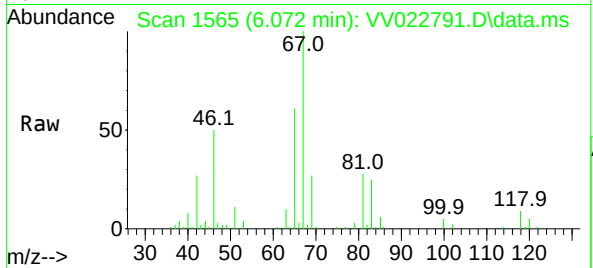




#35
Methylcyclohexane
Concen: 0.943 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV022791.D
Acq: 14 Oct 2021 14:41

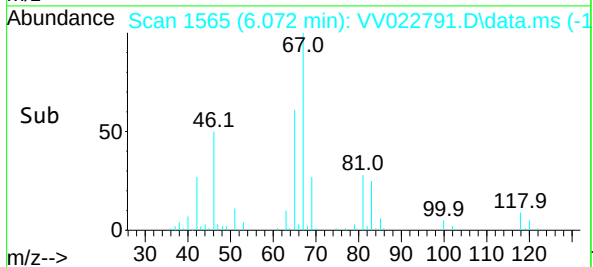
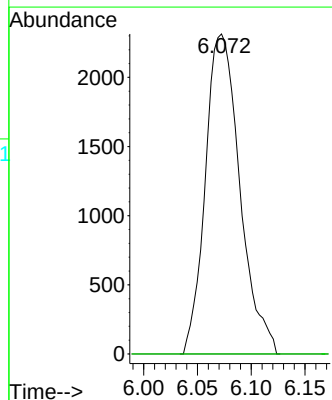
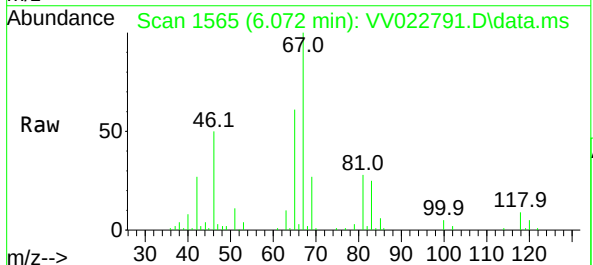
Instrument :
MSVOA_V
ClientSampleId :
J0AA3

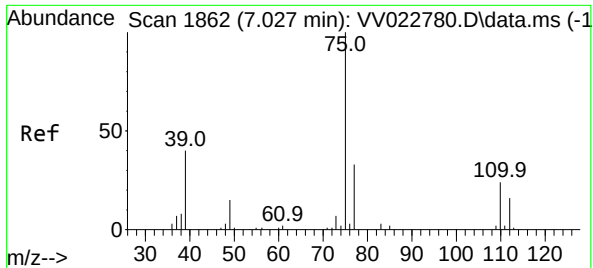
Tgt Ion: 83 Resp: 11449
Ion Ratio Lower Upper
83 100
55 0.4 63.8 95.6#
98 0.4 42.1 63.1#



#37
1,2-Dichloropropane
Concen: 0.673 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022791.D
Acq: 14 Oct 2021 14:41

Tgt Ion: 63 Resp: 5164
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#

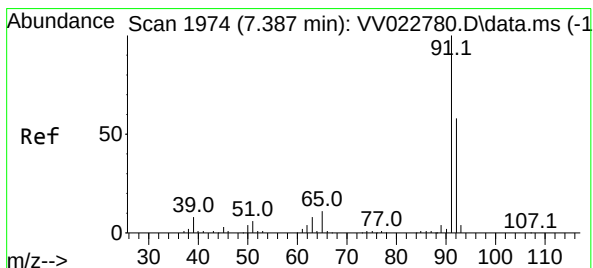
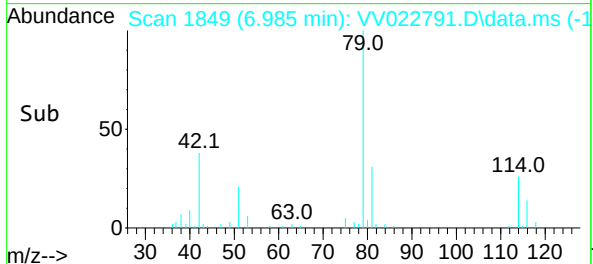
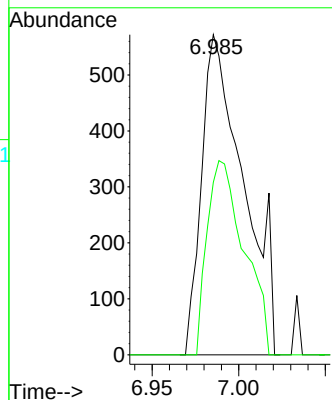
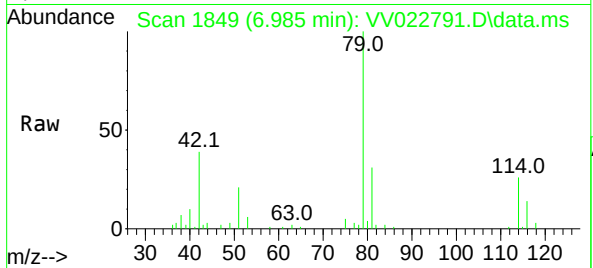




#39
cis-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.042 min
Lab File: VV022791.D
Acq: 14 Oct 2021 14:41

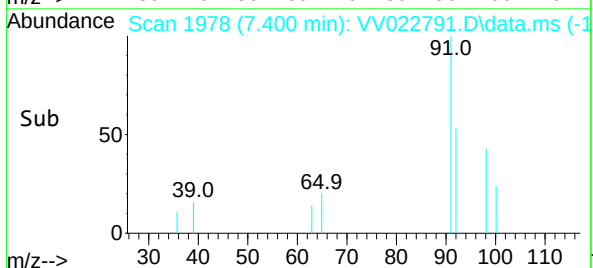
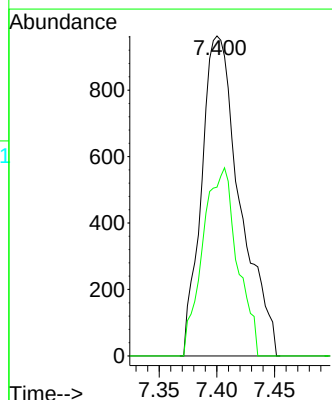
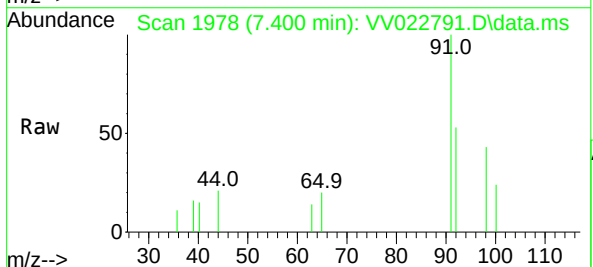
Instrument :
MSVOA_V
ClientSampled :
J0AA3

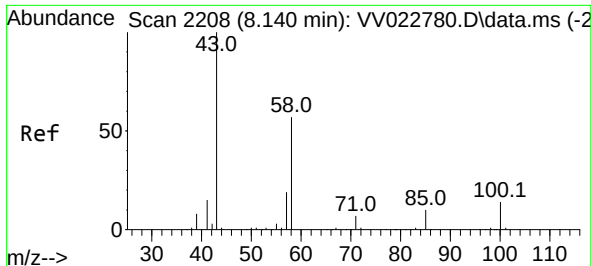
Tgt Ion: 75 Resp: 959
Ion Ratio Lower Upper
75 100
77 53.8 22.3 41.3#



#42
Toluene
Concen: 0.069 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.013 min
Lab File: VV022791.D
Acq: 14 Oct 2021 14:41

Tgt Ion: 91 Resp: 2231
Ion Ratio Lower Upper
91 100
92 52.8 40.7 75.7

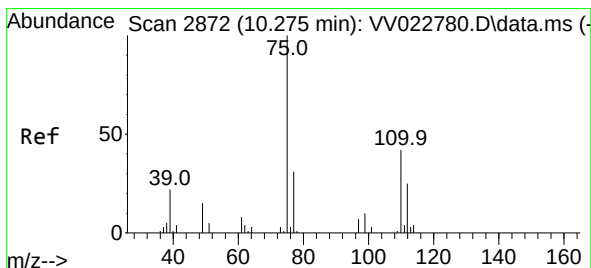
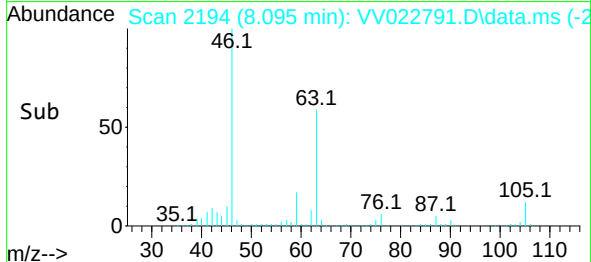
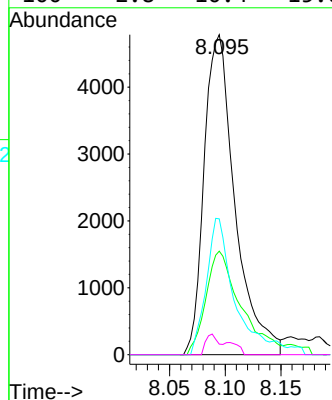
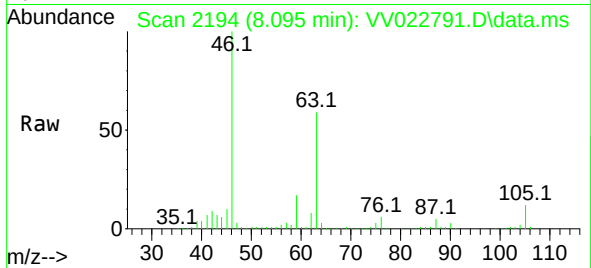




#48
2-Hexanone
Concen: 3.064 ug/L
RT: 8.095 min Scan# 2194
Delta R.T. -0.045 min
Lab File: VV022791.D
Acq: 14 Oct 2021 14:41

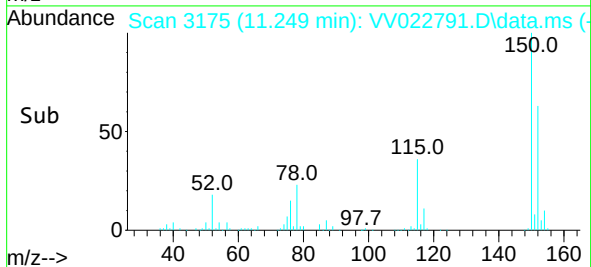
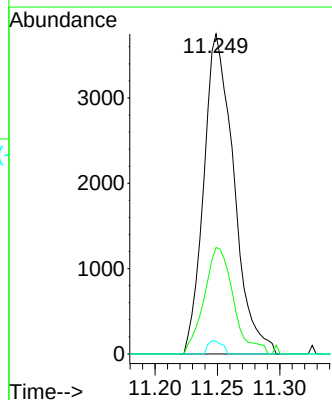
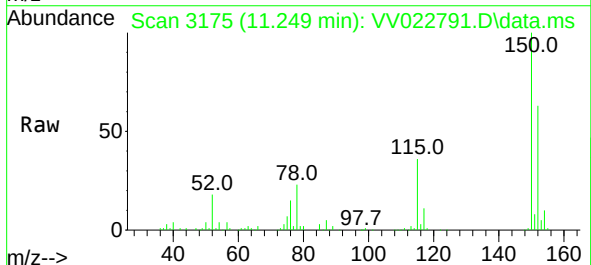
Instrument :
MSVOA_V
ClientSampled :
J0AA3

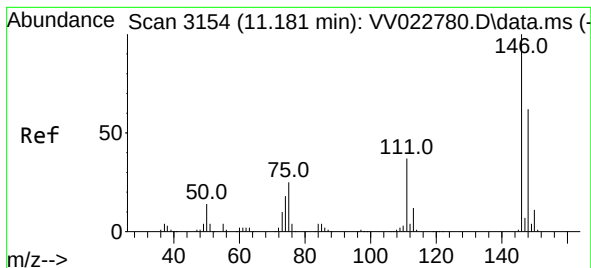
Tgt Ion:	43	Resp:	9231
Ion	Ratio	Lower	Upper
43	100		
58	36.7	47.4	71.0#
57	39.4	15.3	22.9#
100	2.8	10.4	15.6#



#61
1,2,3-Trichloropropane
Concen: 1.623 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022791.D
Acq: 14 Oct 2021 14:41

Tgt Ion:	75	Resp:	6278
Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.4	38.2
110	1.9	34.2	51.4#





#64

1,3-Dichlorobenzene

Concen: 0.075 ug/L

RT: 11.271 min Scan# 3182

Delta R.T. 0.090 min

Lab File: VV022791.D

Acq: 14 Oct 2021 14:41

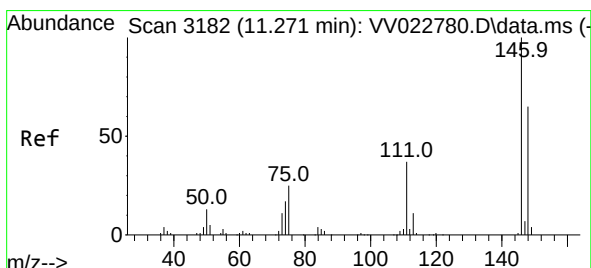
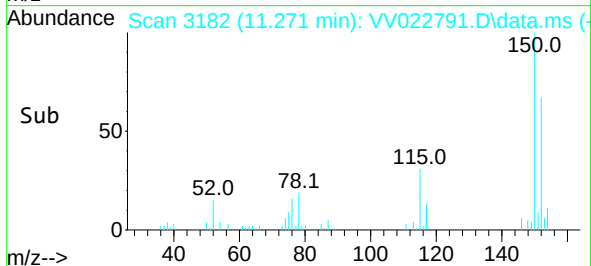
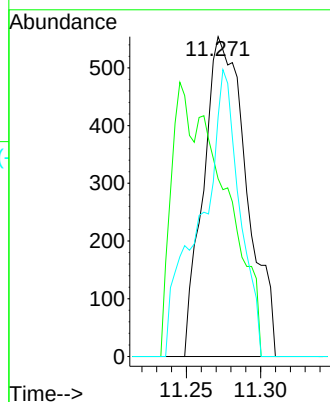
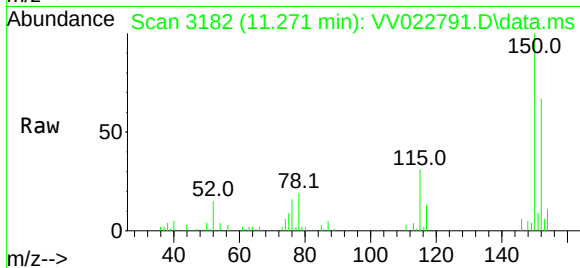
Tgt Ion:146 Resp: 1120

Ion Ratio Lower Upper

146 100

111 55.6 26.7 49.5#

148 74.9 45.1 83.9



#65

1,4-Dichlorobenzene

Concen: 0.074 ug/L

RT: 11.271 min Scan# 3182

Delta R.T. -0.000 min

Lab File: VV022791.D

Acq: 14 Oct 2021 14:41

Tgt Ion:146 Resp: 1120

Ion Ratio Lower Upper

146 100

111 55.6 25.6 47.4#

148 74.9 44.9 83.5

