

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101421\
 Data File : VV022792.D
 Acq On : 14 Oct 2021 15:05
 Operator : SY/MD
 Sample : M4214-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 JDGB9

Quant Time: Oct 15 01:59:57 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)

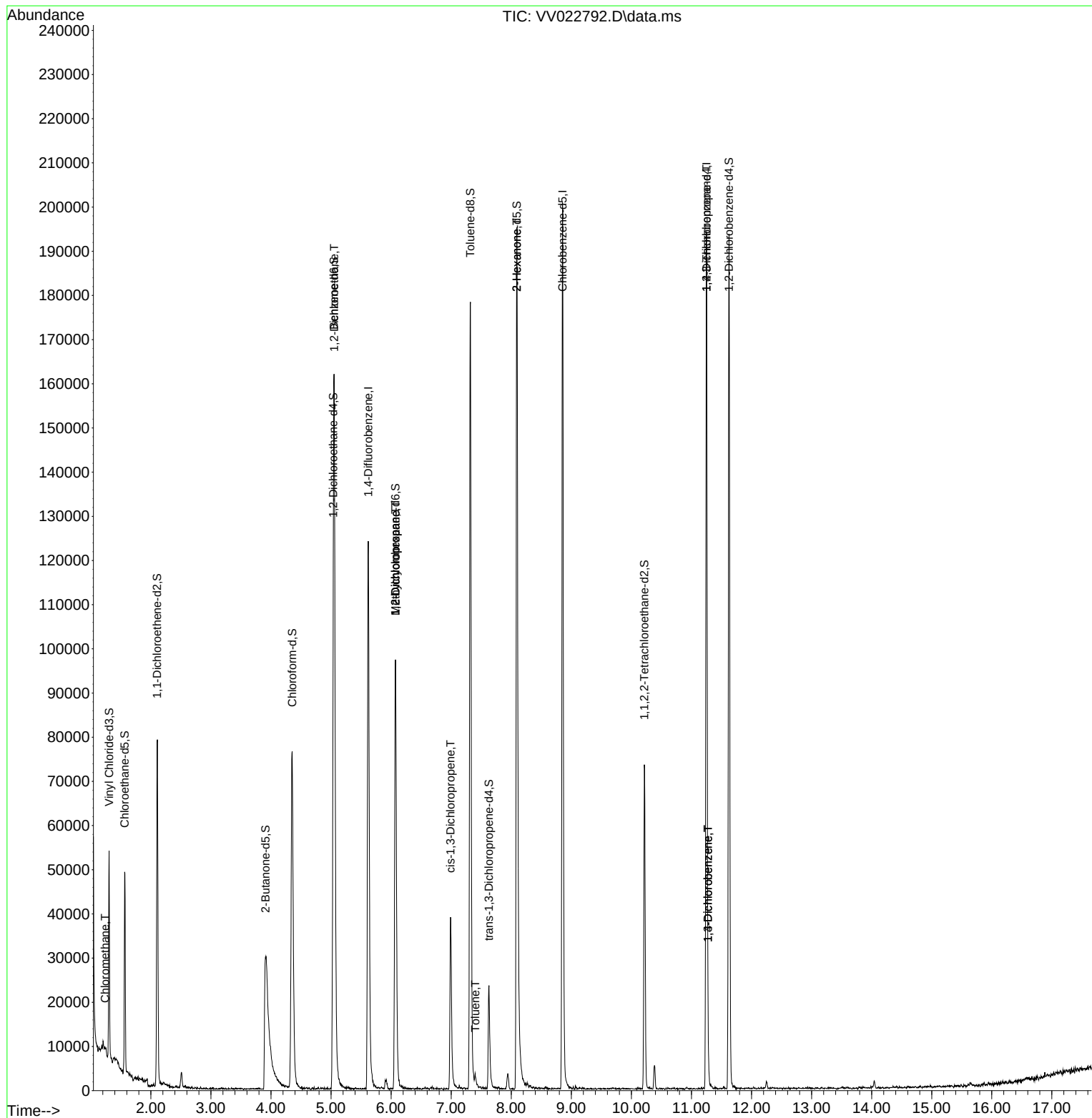
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	112299	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	114255	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53353	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	29102	3.767	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.400%	
7) Chloroethane-d5	1.565	69	28758	4.142	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.800%	
11) 1,1-Dichloroethene-d2	2.105	63	41476	2.737	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	54.800%#	
20) 2-Butanone-d5	3.908	46	88307	43.590	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	87.180%	
24) Chloroform-d	4.352	84	78414	4.925	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.400%	
26) 1,2-Dichloroethane-d4	5.037	65	37294	4.826	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.600%	
32) Benzene-d6	5.050	84	147386	4.333	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.600%	
36) 1,2-Dichloropropane-d6	6.072	67	48256	4.791	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.800%	
41) Toluene-d8	7.320	98	122700	4.173	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.400%	
43) trans-1,3-Dichloroprop...	7.629	79	14457	4.327	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.600%	
46) 2-Hexanone-d5	8.092	63	68711	51.026	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.060%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34421	5.044	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	51966	5.253	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.000%	
Target Compounds						Qvalue
3) Chloromethane	1.240	50	644	0.078	ug/L #	78
27) 1,2-Dichloroethane	5.053	62	764	0.099	ug/L #	69
35) Methylcyclohexane	6.072	83	12056	1.028	ug/L #	16
37) 1,2-Dichloropropane	6.072	63	5402	0.730	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1279	0.131	ug/L #	70
42) Toluene	7.404	91	1896	0.061	ug/L	90
48) 2-Hexanone	8.092	43	8707	2.995	ug/L #	70
61) 1,2,3-Trichloropropane	11.249	75	6101	1.646	ug/L #	63
64) 1,3-Dichlorobenzene	11.275	146	2026	0.142	ug/L	95
65) 1,4-Dichlorobenzene	11.275	146	2026	0.140	ug/L	94

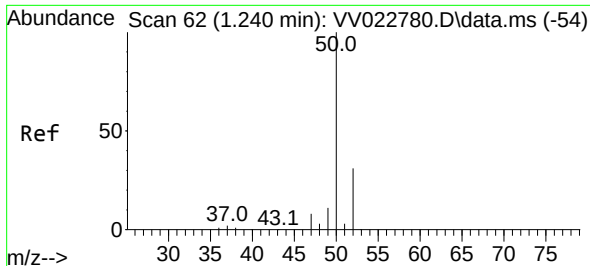
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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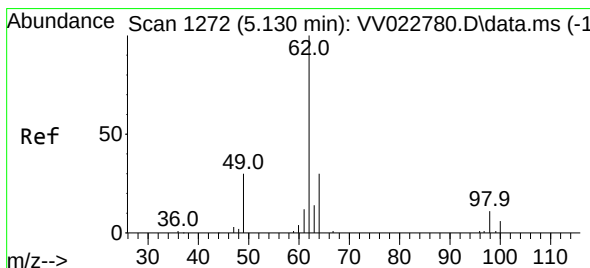
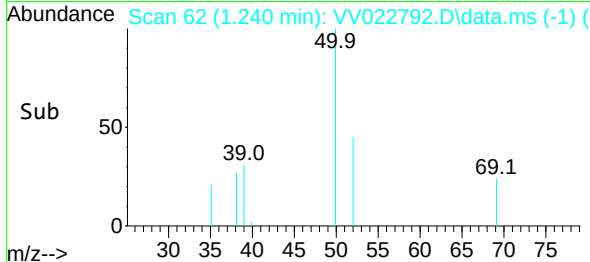
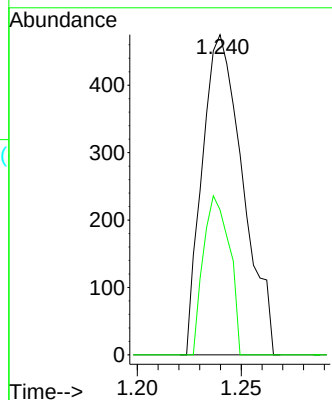
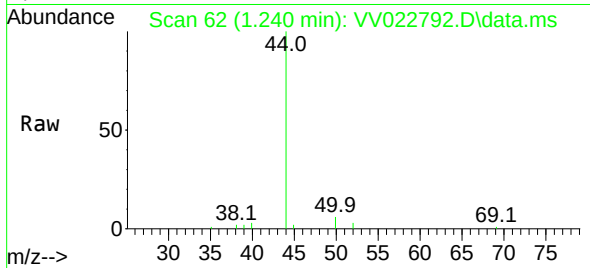




#3
Chloromethane
Concen: 0.078 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV022792.D
Acq: 14 Oct 2021 15:05

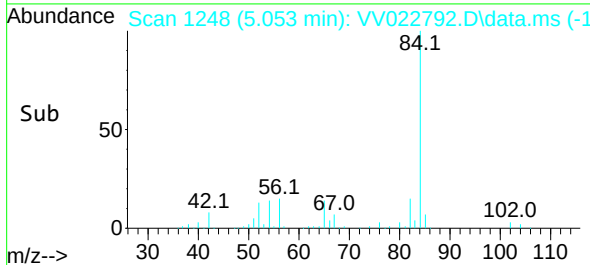
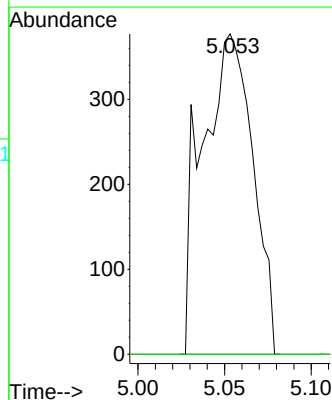
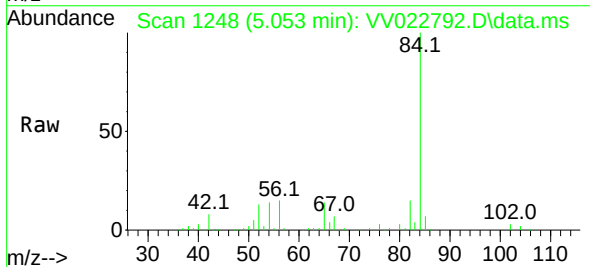
Instrument :
MSVOA_V
ClientSampled :
JDGB9

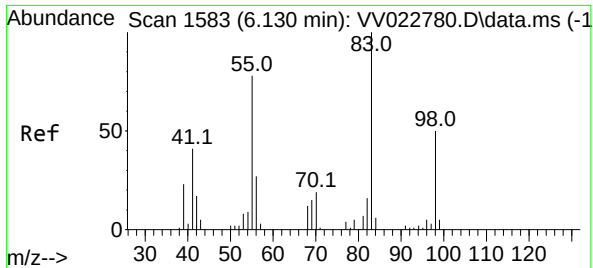
Tgt Ion: 50 Resp: 644
Ion Ratio Lower Upper
50 100
52 45.3 22.9 42.5#



#27
1,2-Dichloroethane
Concen: 0.099 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.077 min
Lab File: VV022792.D
Acq: 14 Oct 2021 15:05

Tgt Ion: 62 Resp: 764
Ion Ratio Lower Upper
62 100
98 0.0 9.7 14.5#

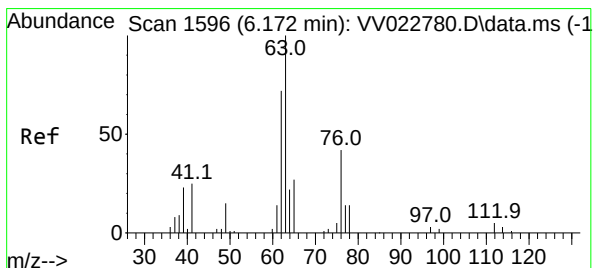
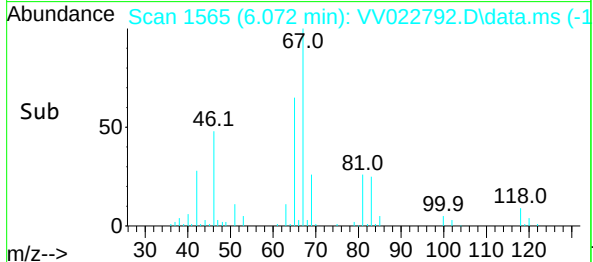
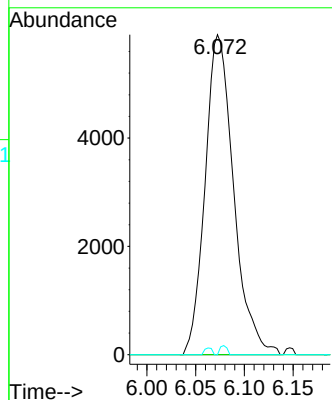
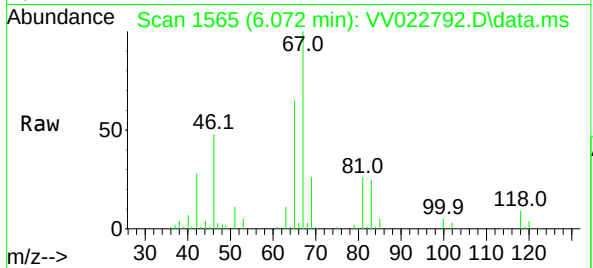




#35
Methylcyclohexane
Concen: 1.028 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV022792.D
Acq: 14 Oct 2021 15:05

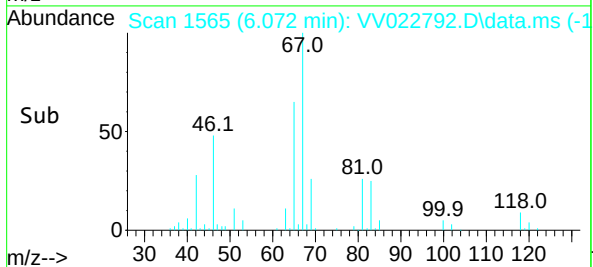
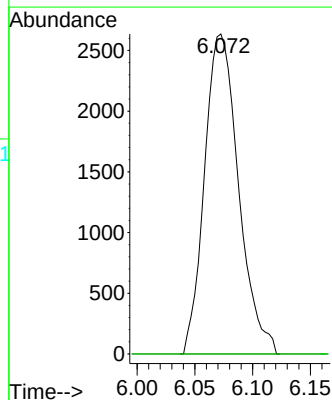
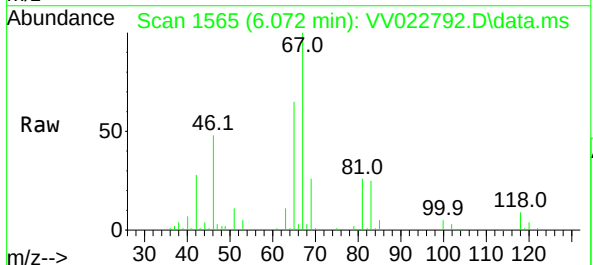
Instrument :
MSVOA_V
ClientSampled :
JDGB9

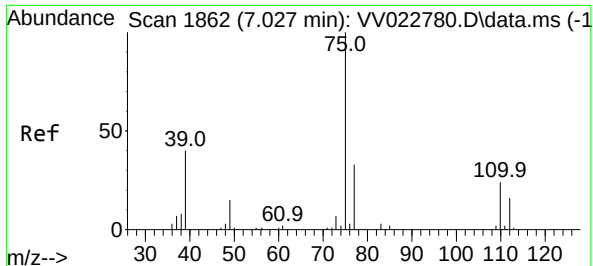
Tgt Ion: 83 Resp: 12056
Ion Ratio Lower Upper
83 100
55 0.2 63.8 95.6#
98 0.7 42.1 63.1#



#37
1,2-Dichloropropane
Concen: 0.730 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022792.D
Acq: 14 Oct 2021 15:05

Tgt Ion: 63 Resp: 5402
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#

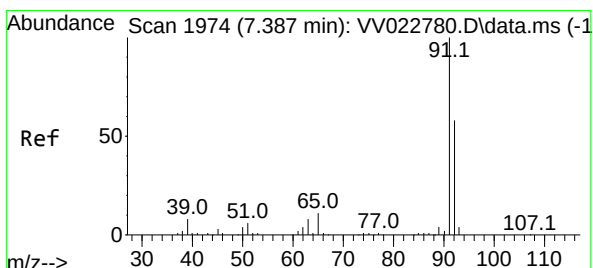
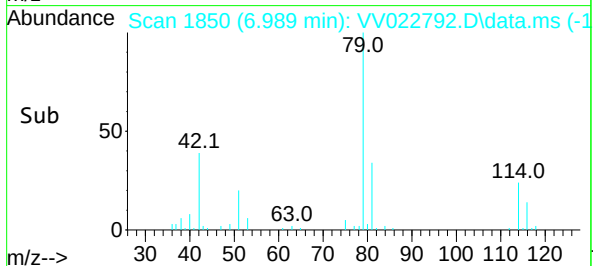
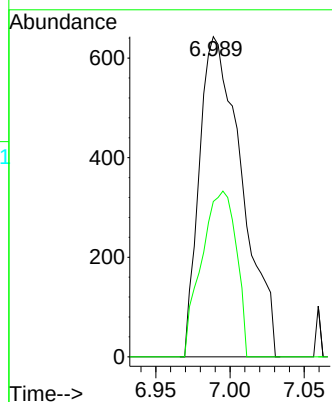
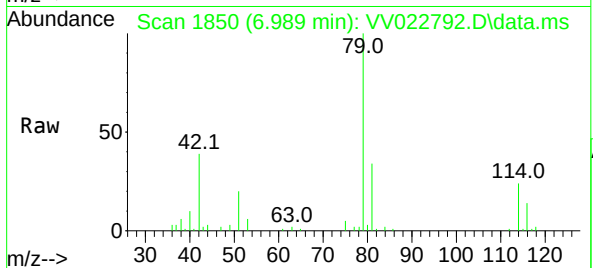




#39
cis-1,3-Dichloropropene
Concen: 0.131 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV022792.D
Acq: 14 Oct 2021 15:05

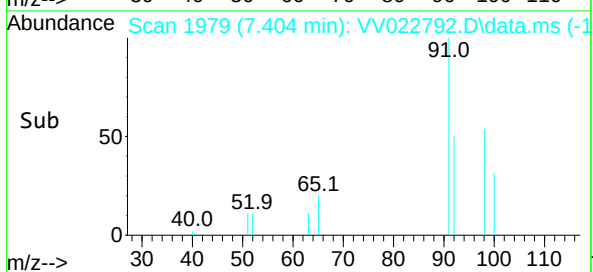
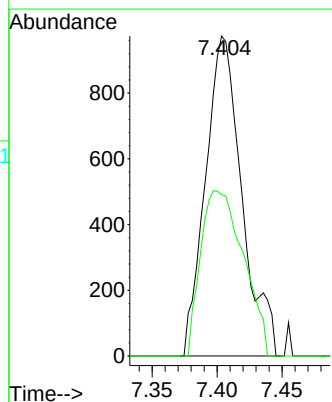
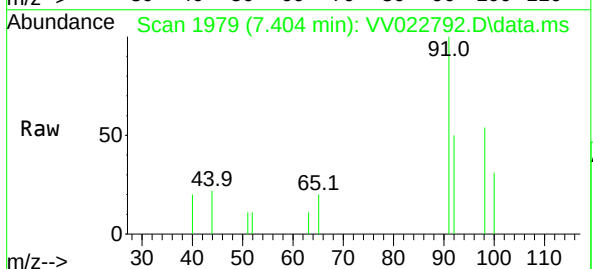
Instrument :
MSVOA_V
ClientSampleId :
JDGB9

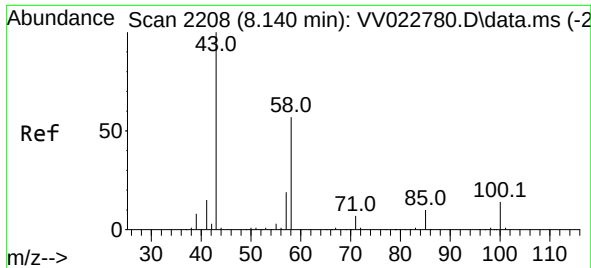
Tgt Ion: 75 Resp: 1279
Ion Ratio Lower Upper
75 100
77 48.5 22.3 41.3#



#42
Toluene
Concen: 0.061 ug/L
RT: 7.404 min Scan# 1979
Delta R.T. 0.016 min
Lab File: VV022792.D
Acq: 14 Oct 2021 15:05

Tgt Ion: 91 Resp: 1896
Ion Ratio Lower Upper
91 100
92 50.4 40.7 75.7

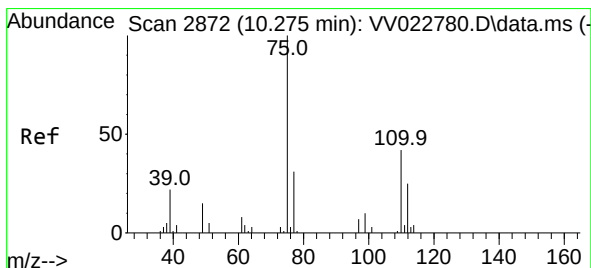
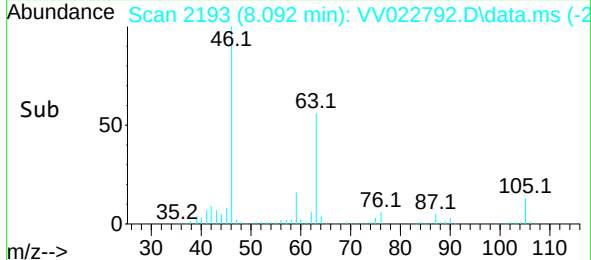
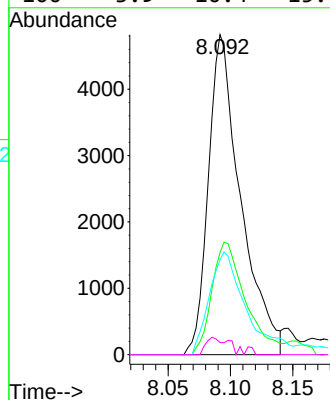
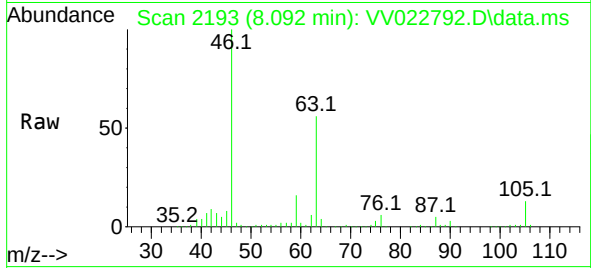




#48
2-Hexanone
Concen: 2.995 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. -0.048 min
Lab File: VV022792.D
Acq: 14 Oct 2021 15:05

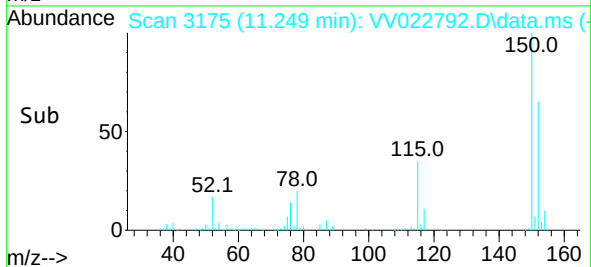
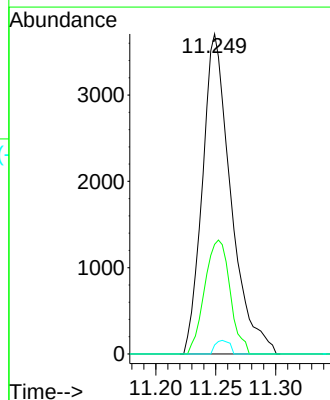
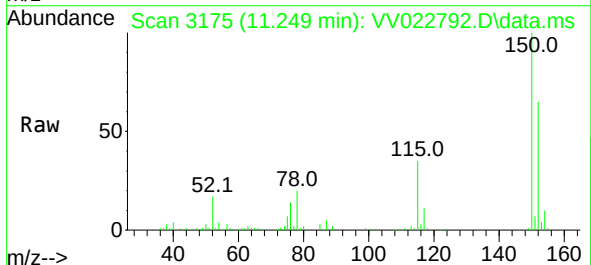
Instrument :
MSVOA_V
ClientSampled :
JDGB9

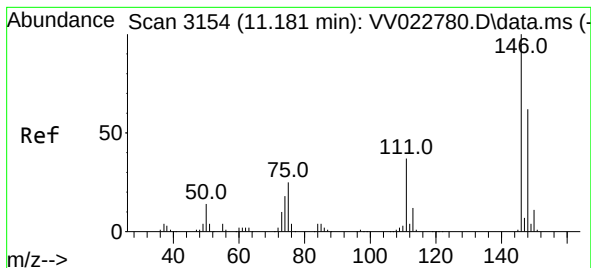
Tgt Ion: 43	Resp: 8707
Ion Ratio	Lower Upper
43 100	
58 36.9	47.4 71.0#
57 36.3	15.3 22.9#
100 3.9	10.4 15.6#



#61
1,2,3-Trichloropropane
Concen: 1.646 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022792.D
Acq: 14 Oct 2021 15:05

Tgt Ion: 75	Resp: 6101
Ion Ratio	Lower Upper
75 100	
77 31.9	25.4 38.2
110 2.1	34.2 51.4#





#64

1,3-Dichlorobenzene

Concen: 0.142 ug/L

RT: 11.275 min Scan# 3183

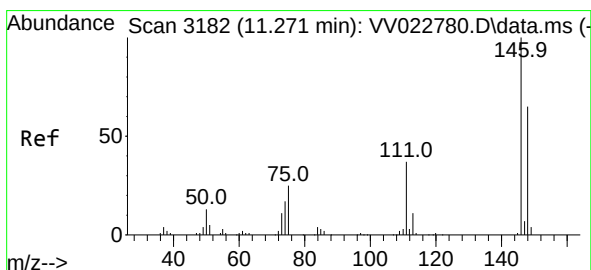
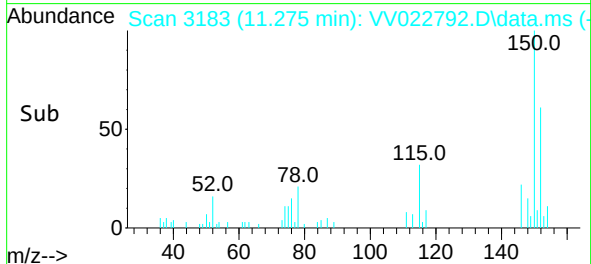
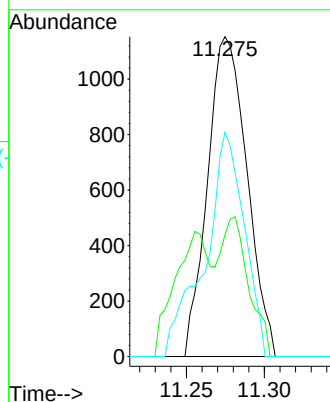
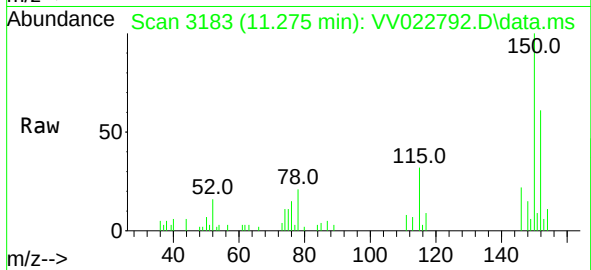
Delta R.T. 0.093 min

Lab File: VV022792.D

Acq: 14 Oct 2021 15:05

Tgt Ion:	146	Resp:	2026
Ion Ratio	Lower	Upper	
146	100		
111	38.1	26.7	49.5
148	70.2	45.1	83.9

Instrument :
MSVOA_V
ClientSampled :
JDGB9



#65

1,4-Dichlorobenzene

Concen: 0.140 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. 0.003 min

Lab File: VV022792.D

Acq: 14 Oct 2021 15:05

Tgt Ion:	146	Resp:	2026
Ion Ratio	Lower	Upper	
146	100		
111	38.1	25.6	47.4
148	70.2	44.9	83.5

