

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101421\
 Data File : VW022795.D
 Acq On : 14 Oct 2021 16:17
 Operator : SY/MD
 Sample : M4214-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 JDGE2

Quant Time: Oct 15 02:00:17 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)

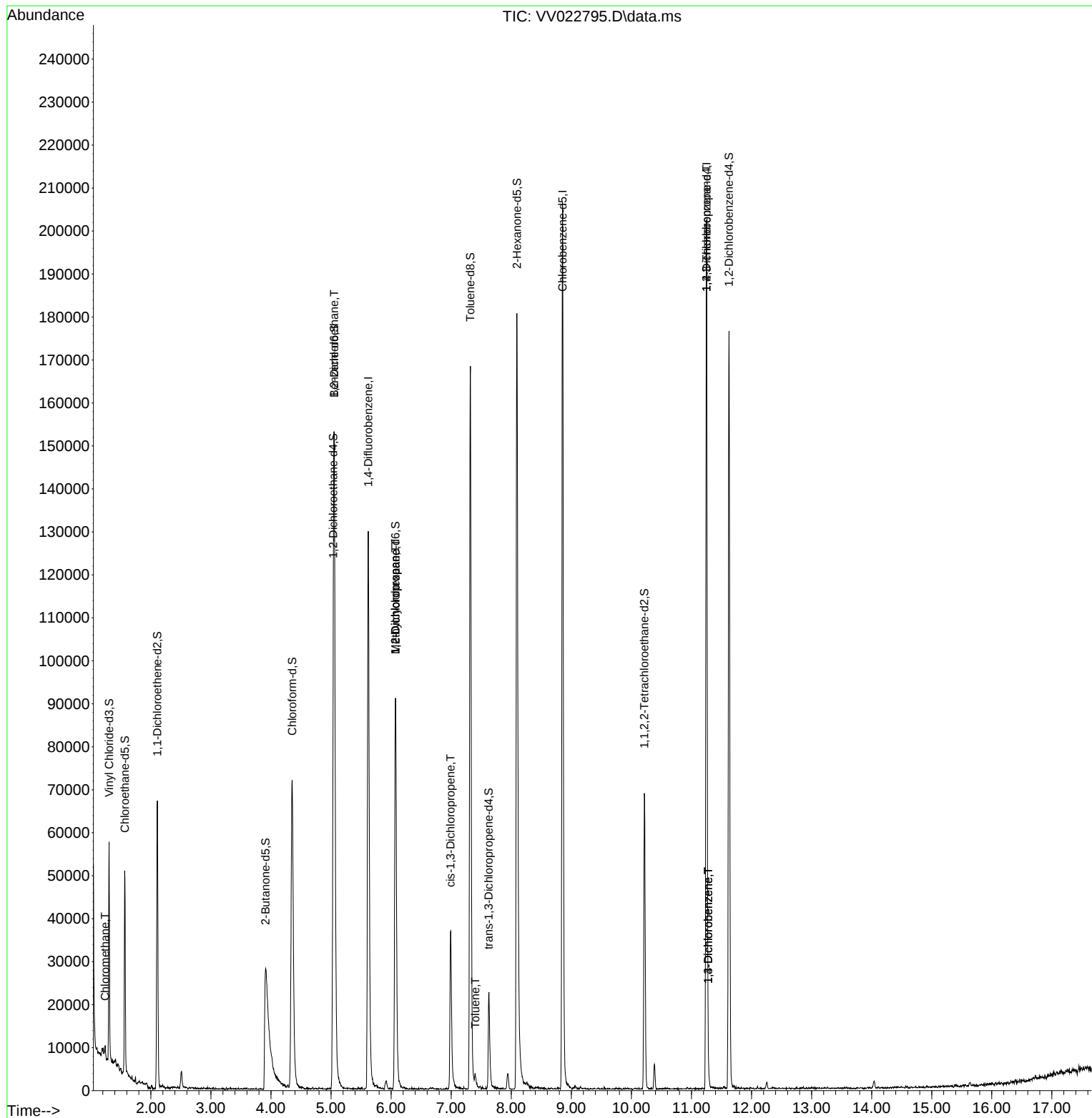
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	117273	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	119617	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55147	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	30542	3.785	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.568	69	28910	3.987	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.108	63	34494	2.179	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	43.600%#
20) 2-Butanone-d5	3.908	46	79575	37.613	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.220%
24) Chloroform-d	4.352	84	76987	4.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.037	65	36082	4.471	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.053	84	140608	3.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
36) 1,2-Dichloropropane-d6	6.072	67	46803	4.438	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.320	98	116369	3.780	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.600%
43) trans-1,3-Dichloroprop...	7.625	79	12894	3.686	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.800%
46) 2-Hexanone-d5	8.095	63	67082	47.583	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.160%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33336	4.666	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	46789	4.576	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	796	0.093	ug/L	90
27) 1,2-Dichloroethane	5.053	62	876	0.109	ug/L #	69
35) Methylcyclohexane	6.072	83	11316	0.922	ug/L #	17
37) 1,2-Dichloropropane	6.072	63	5016	0.647	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	983	0.096	ug/L	87
42) Toluene	7.400	91	2267	0.069	ug/L	86
61) 1,2,3-Trichloropropane	11.249	75	6409	1.673	ug/L #	62
64) 1,3-Dichlorobenzene	11.278	146	1735	0.118	ug/L	86
65) 1,4-Dichlorobenzene	11.278	146	1735	0.116	ug/L	87

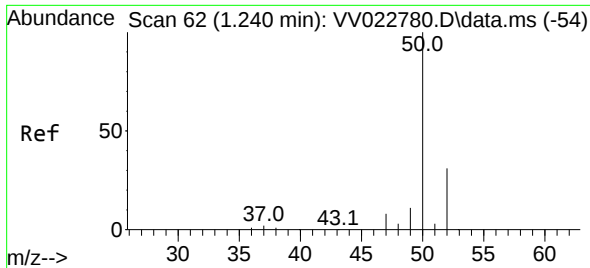
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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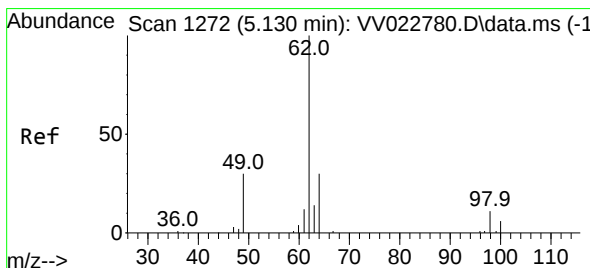
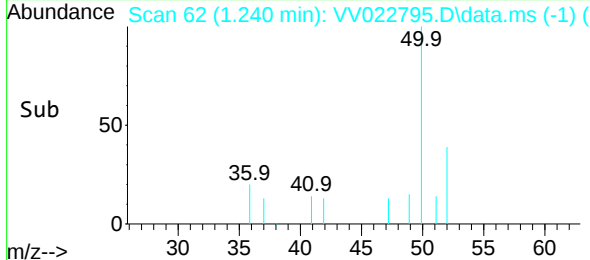
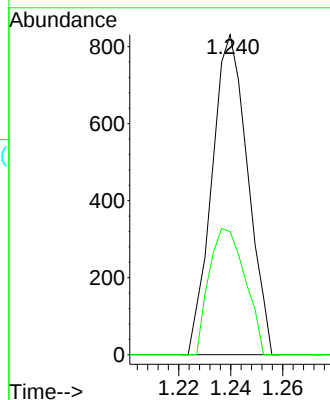
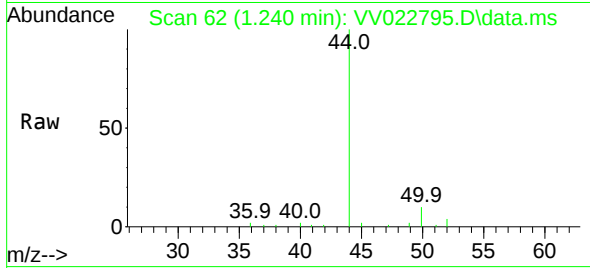




#3
Chloromethane
Concen: 0.093 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV022795.D
Acq: 14 Oct 2021 16:17

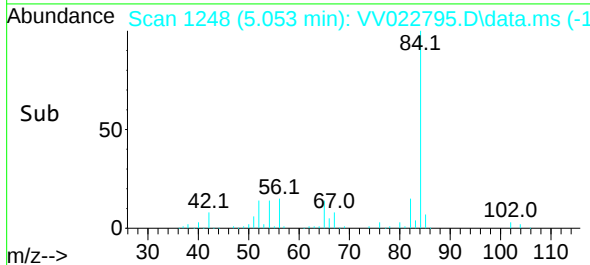
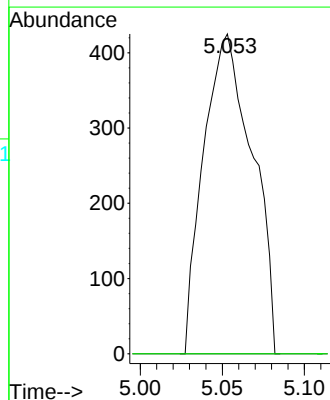
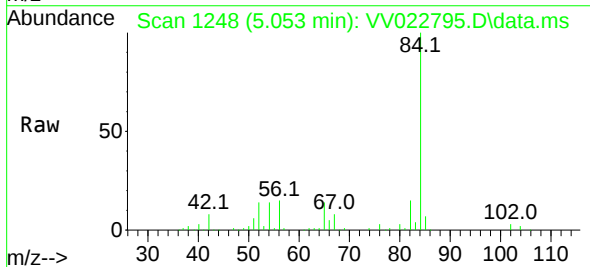
Instrument :
MSVOA_V
ClientSampled :
JDGE2

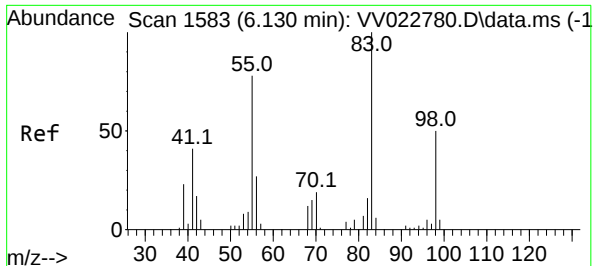
Tgt Ion: 50 Resp: 796
Ion Ratio Lower Upper
50 100
52 38.5 22.9 42.5



#27
1,2-Dichloroethane
Concen: 0.109 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.077 min
Lab File: VV022795.D
Acq: 14 Oct 2021 16:17

Tgt Ion: 62 Resp: 876
Ion Ratio Lower Upper
62 100
98 0.0 9.7 14.5#

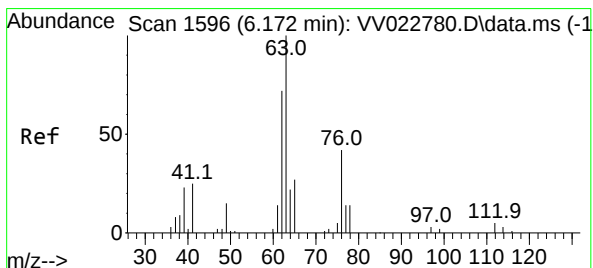
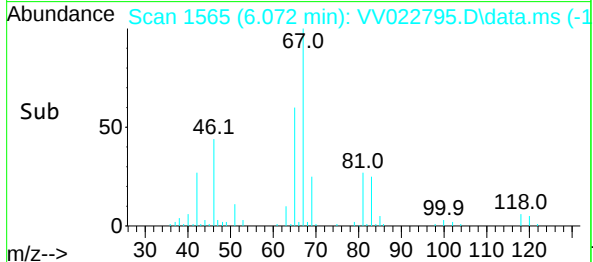
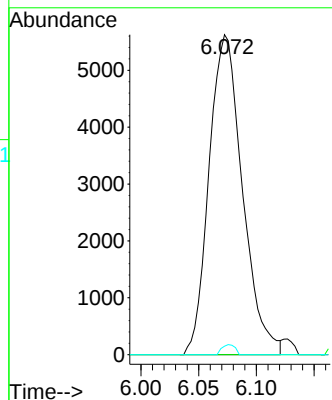
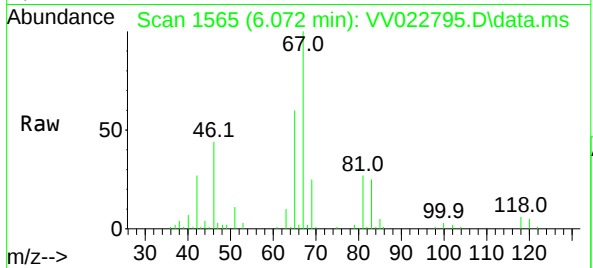




#35
Methylcyclohexane
Concen: 0.922 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV022795.D
Acq: 14 Oct 2021 16:17

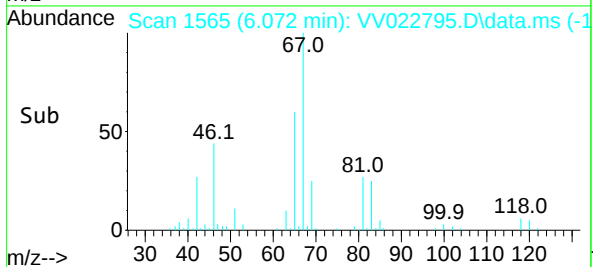
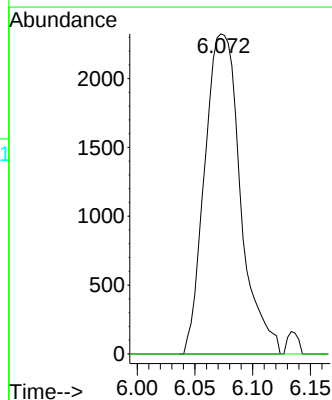
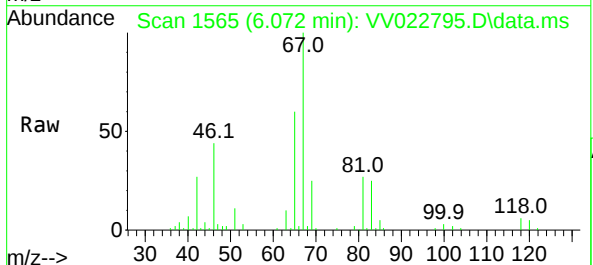
Instrument :
MSVOA_V
ClientSampleId :
JDGE2

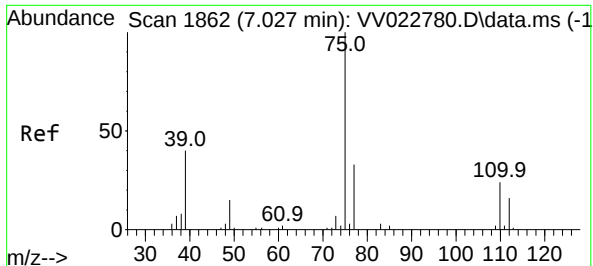
Tgt Ion: 83 Resp: 11316
Ion Ratio Lower Upper
83 100
55 0.4 63.8 95.6#
98 1.2 42.1 63.1#



#37
1,2-Dichloropropane
Concen: 0.647 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022795.D
Acq: 14 Oct 2021 16:17

Tgt Ion: 63 Resp: 5016
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#



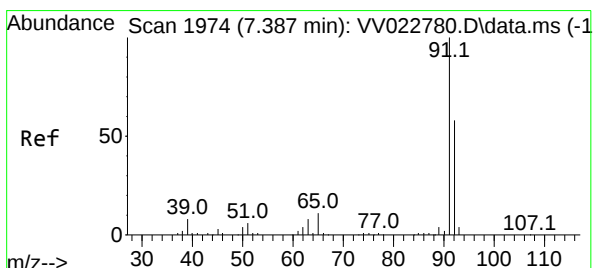
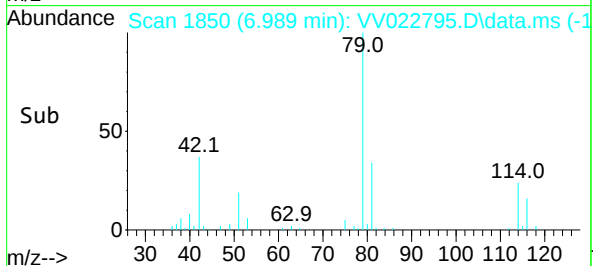
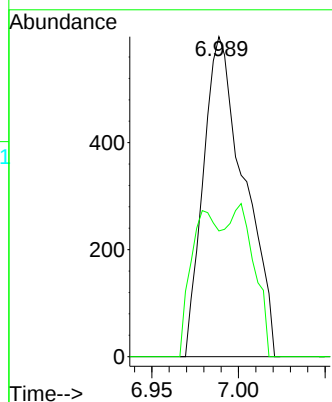
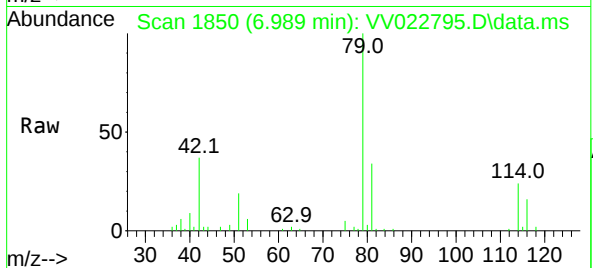


#39

cis-1,3-Dichloropropene
Concen: 0.096 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV022795.D
Acq: 14 Oct 2021 16:17

Instrument :
MSVOA_V
ClientSampled :
JDGE2

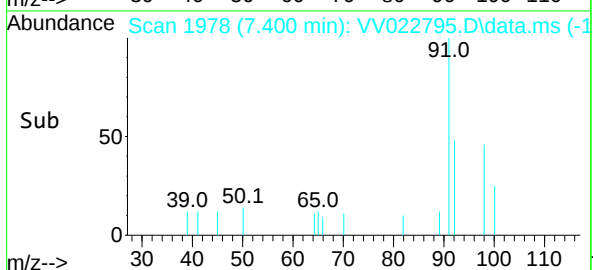
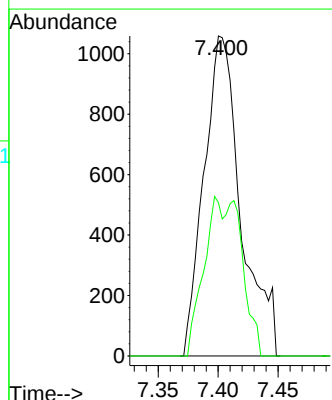
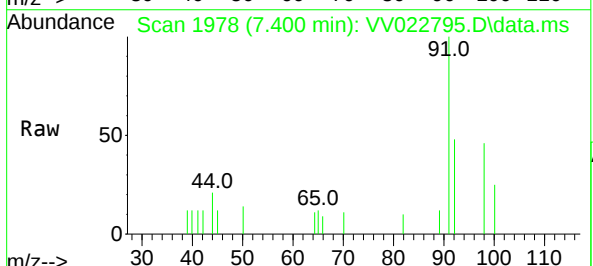
Tgt Ion: 75 Resp: 983
Ion Ratio Lower Upper
75 100
77 39.3 22.3 41.3

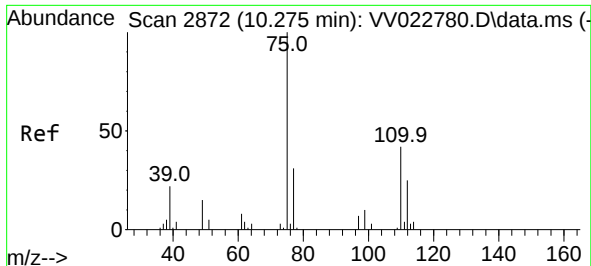


#42

Toluene
Concen: 0.069 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.013 min
Lab File: VV022795.D
Acq: 14 Oct 2021 16:17

Tgt Ion: 91 Resp: 2267
Ion Ratio Lower Upper
91 100
92 47.9 40.7 75.7

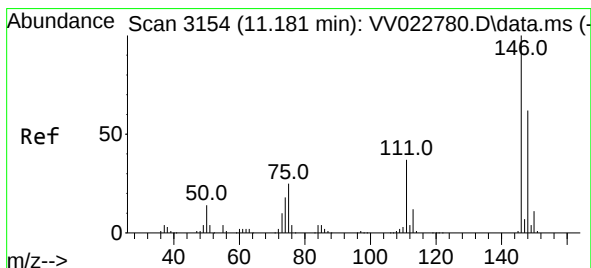
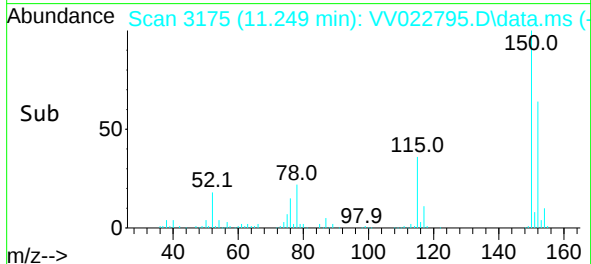
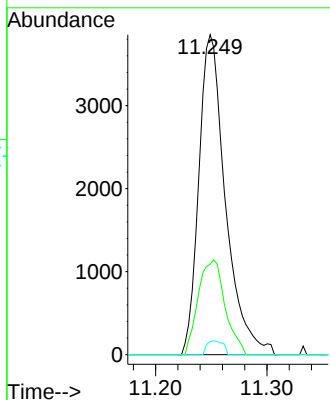
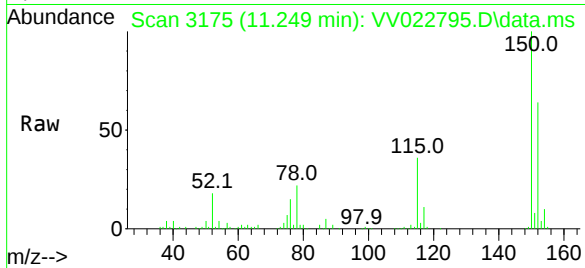




#61
1,2,3-Trichloropropane
Concen: 1.673 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022795.D
Acq: 14 Oct 2021 16:17

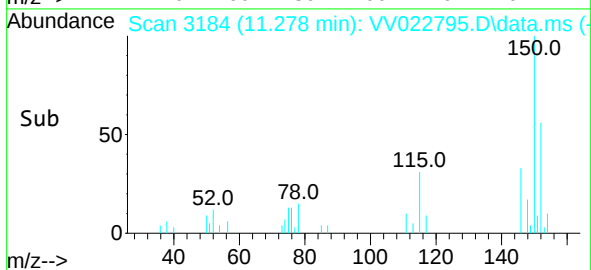
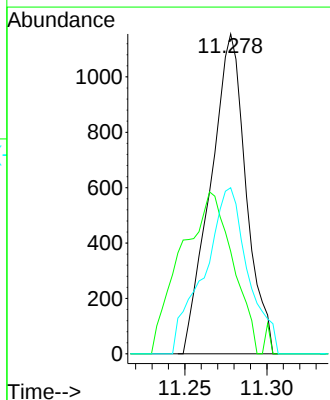
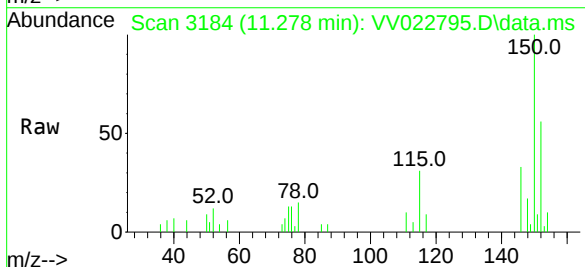
Instrument :
MSVOA_V
ClientSampleId :
JDGE2

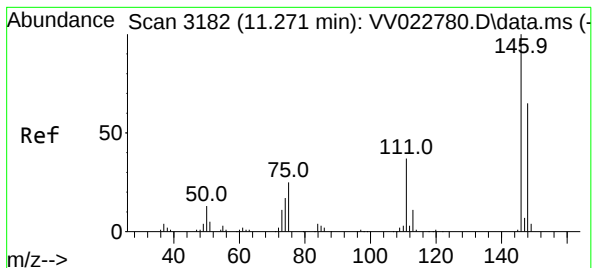
Tgt Ion: 75 Resp: 6409
Ion Ratio Lower Upper
75 100
77 29.8 25.4 38.2
110 2.6 34.2 51.4#



#64
1,3-Dichlorobenzene
Concen: 0.118 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.096 min
Lab File: VV022795.D
Acq: 14 Oct 2021 16:17

Tgt Ion: 146 Resp: 1735
Ion Ratio Lower Upper
146 100
111 32.0 26.7 49.5
148 51.9 45.1 83.9





#65
 1,4-Dichlorobenzene
 Concen: 0.116 ug/L
 RT: 11.278 min Scan# 3184
 Delta R.T. 0.006 min
 Lab File: VV022795.D
 Acq: 14 Oct 2021 16:17

Instrument :
 MSVOA_V
 ClientSampleId :
 JDGE2

Tgt Ion:	146	Resp:	1735
Ion	Ratio	Lower	Upper
146	100		
111	32.0	25.6	47.4
148	51.9	44.9	83.5

