

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070121\
 Data File : VU044277.D
 Acq On : 01 Jul 2021 11:27
 Operator : SY/MD
 Sample : M2905-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 02 01:50:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 02 01:46:49 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

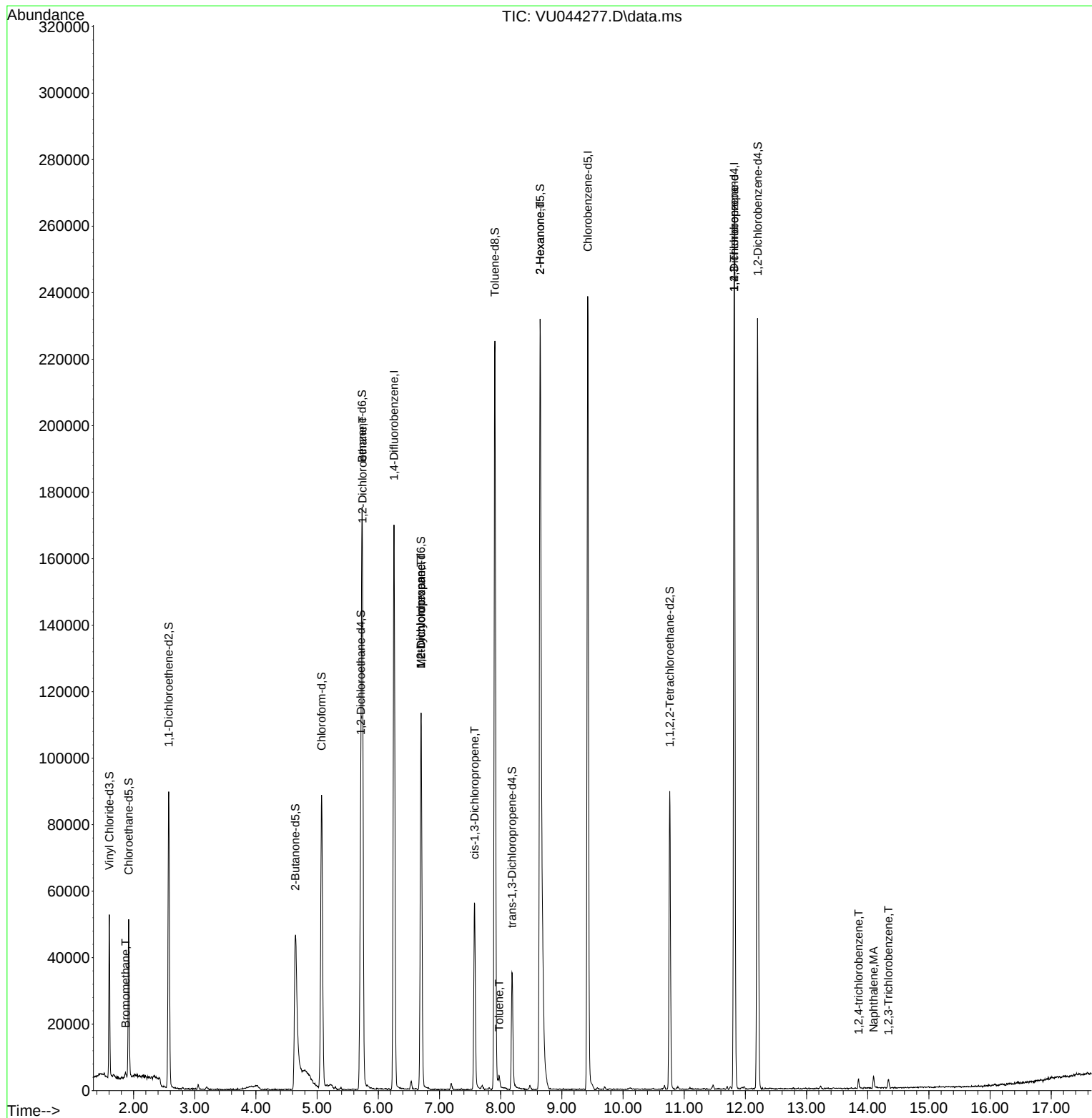
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	136931	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	130888	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	69413	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	31498	4.249	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.919	69	33695	4.616	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.575	65	16747	4.401	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	4.646	46	101366	37.129	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.260%
24) Chloroform-d	5.073	84	77885	4.667	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.713	65	45544	4.565	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.736	84	157306	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.700	67	51659	4.904	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.906	98	146985	4.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	8.186	79	20585	4.213	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.645	63	115018	49.418	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.840%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	44359	4.736	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	12.202	152	59335	5.188	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						Qvalue
6) Bromomethane	1.868	94	571	0.092	ug/L	95
27) 1,2-Dichloroethane	5.742	62	882	0.077	ug/L #	76
35) Methylcyclohexane	6.700	83	12075	0.786	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	5689	0.627	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1363	0.092	ug/L #	52
42) Toluene	7.977	91	2598	0.069	ug/L	97
48) 2-Hexanone	8.645	43	16510	3.215	ug/L #	63
61) 1,2,3-Trichloropropane	11.819	75	8809	1.406	ug/L #	66
70) 1,2,4-trichlorobenzene	13.851	180	1002	0.081	ug/L	91
71) Naphthalene	14.099	128	3448	0.155	ug/L #	94
72) 1,2,3-Trichlorobenzene	14.340	180	1251	0.118	ug/L	87

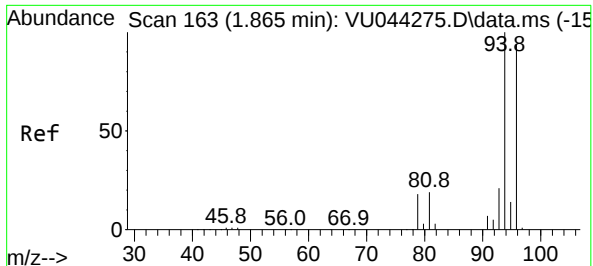
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070121\
Data File : VU044277.D
Acq On : 01 Jul 2021 11:27
Operator : SY/MD
Sample : M2905-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jul 02 01:50:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jul 02 01:46:49 2021
Response via : Initial Calibration

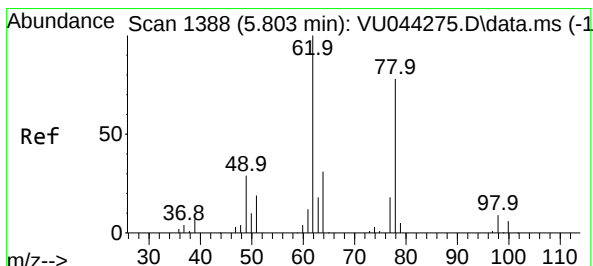
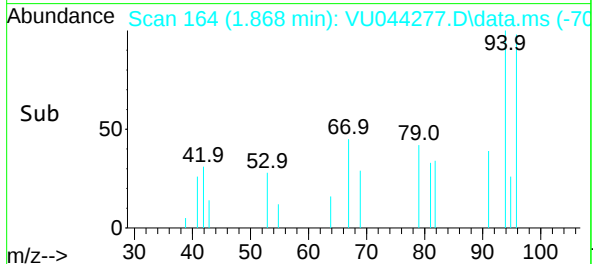
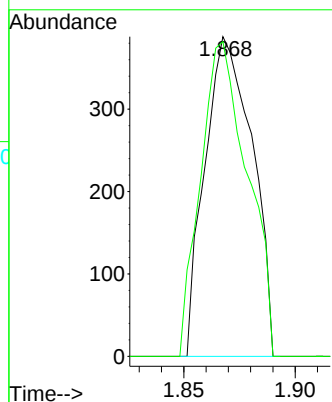
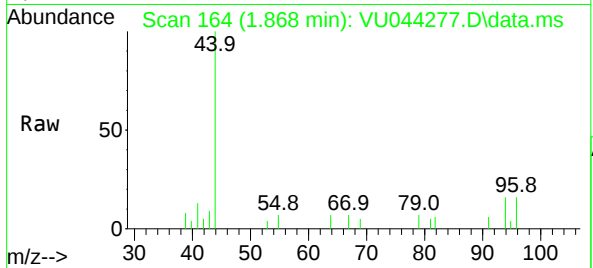




#6
Bromomethane
Concen: 0.092 ug/L
RT: 1.868 min Scan# 164
Delta R.T. 0.003 min
Lab File: VU044277.D
Acq: 01 Jul 2021 11:27

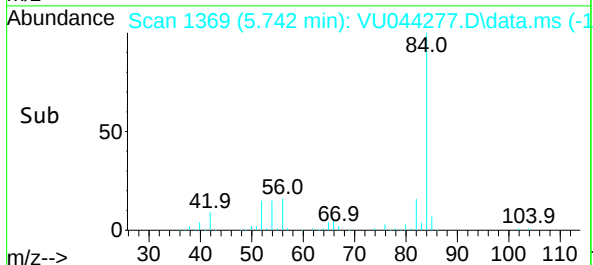
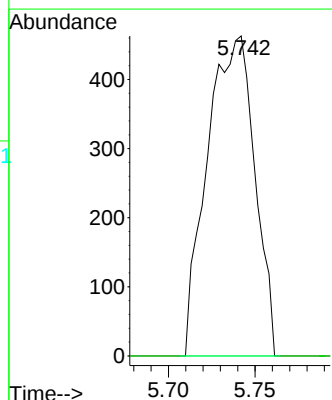
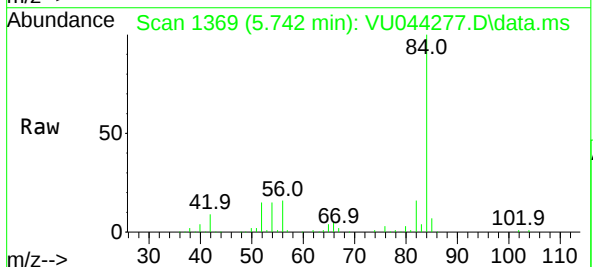
Instrument :
MSVOA_U
ClientSampleId :

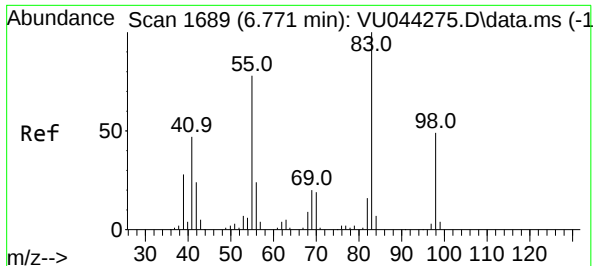
Tgt Ion: 94 Resp: 571
Ion Ratio Lower Upper
94 100
96 98.5 65.8 122.2



#27
1,2-Dichloroethane
Concen: 0.077 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.061 min
Lab File: VU044277.D
Acq: 01 Jul 2021 11:27

Tgt Ion: 62 Resp: 882
Ion Ratio Lower Upper
62 100
98 0.0 6.8 10.2#

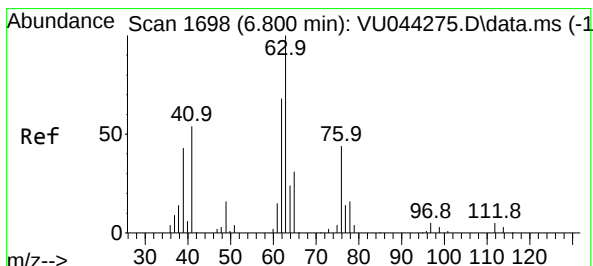
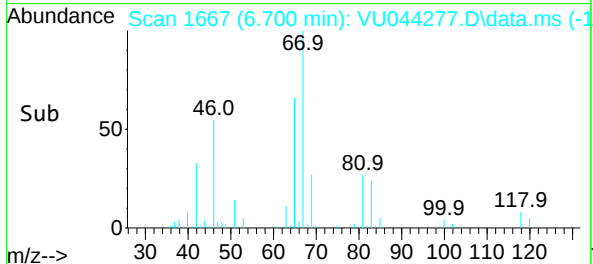
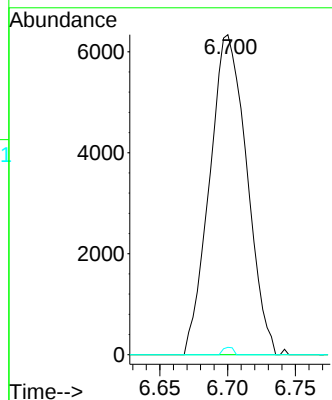
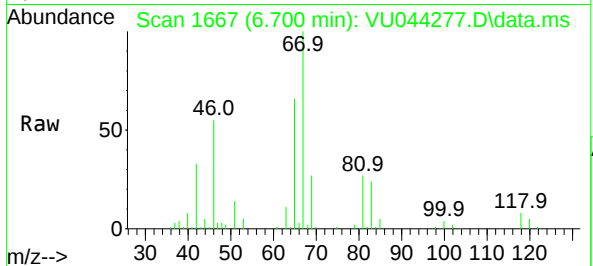




#35
Methylcyclohexane
Concen: 0.786 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU044277.D
Acq: 01 Jul 2021 11:27

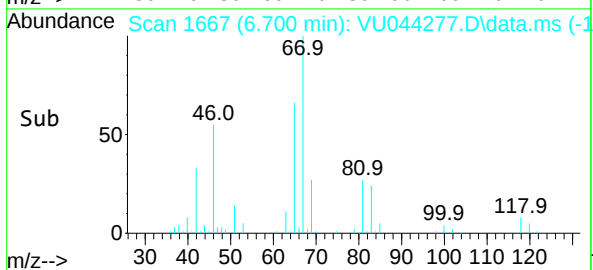
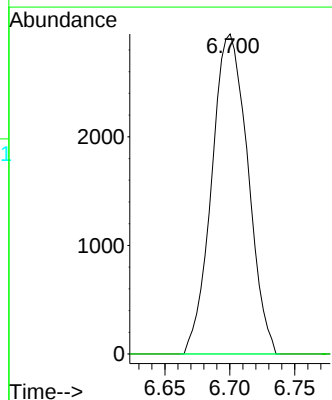
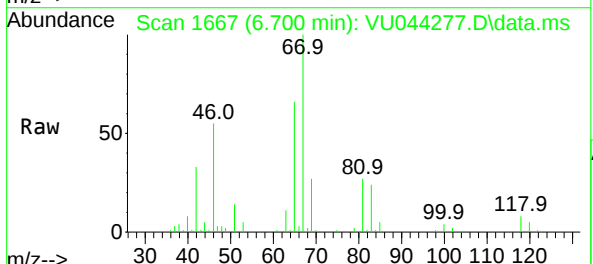
Instrument :
MSVOA_U
ClientSampleId :

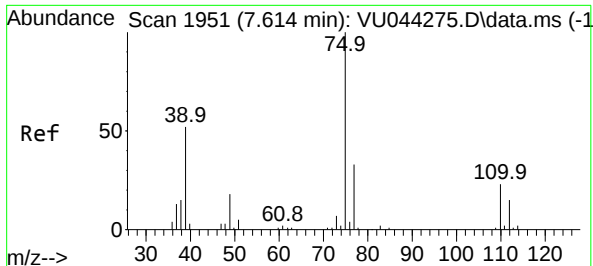
Tgt Ion: 83 Resp: 12075
Ion Ratio Lower Upper
83 100
55 0.0 63.4 95.0#
98 0.6 39.4 59.0#



#37
1,2-Dichloropropane
Concen: 0.627 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU044277.D
Acq: 01 Jul 2021 11:27

Tgt Ion: 63 Resp: 5689
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



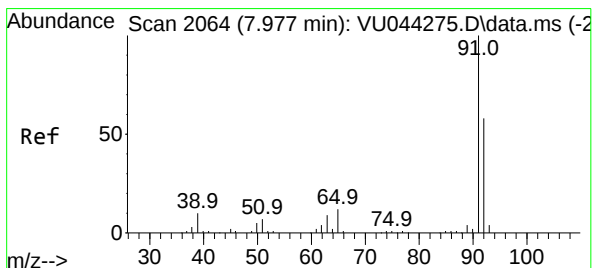
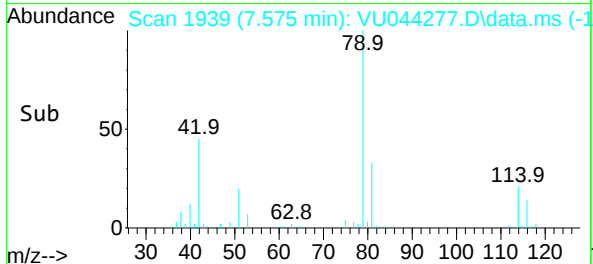
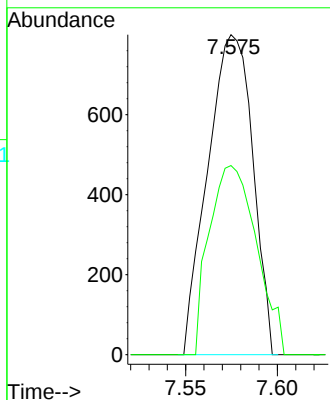
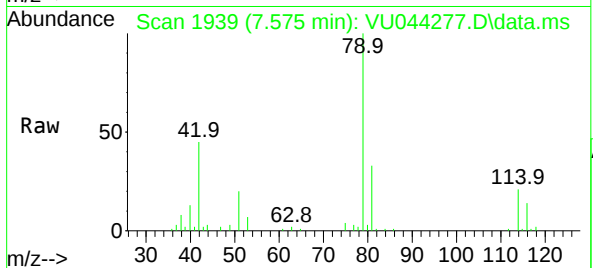


#39

cis-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.039 min
Lab File: VU044277.D
Acq: 01 Jul 2021 11:27

Instrument :
MSVOA_U
ClientSampled :

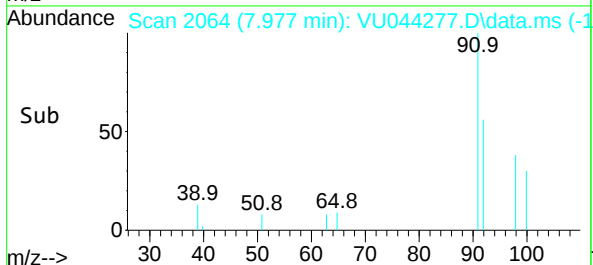
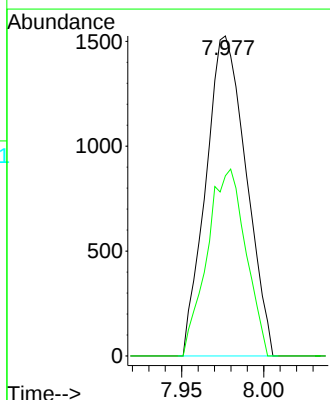
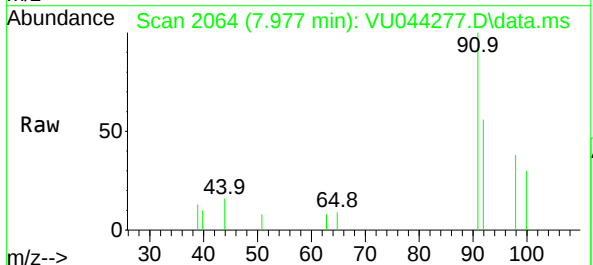
Tgt Ion: 75 Resp: 1363
Ion Ratio Lower Upper
75 100
77 59.1 22.5 41.7#

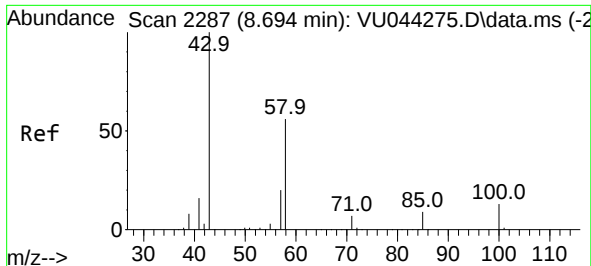


#42

Toluene
Concen: 0.069 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU044277.D
Acq: 01 Jul 2021 11:27

Tgt Ion: 91 Resp: 2598
Ion Ratio Lower Upper
91 100
92 56.3 41.2 76.6

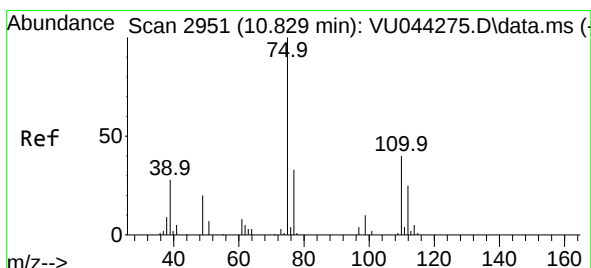
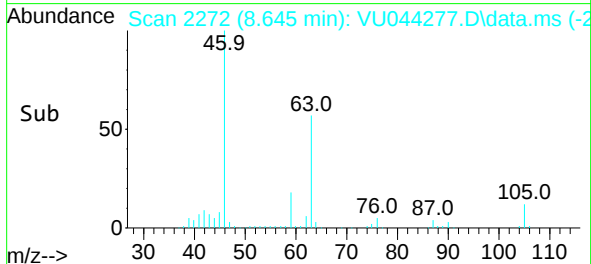
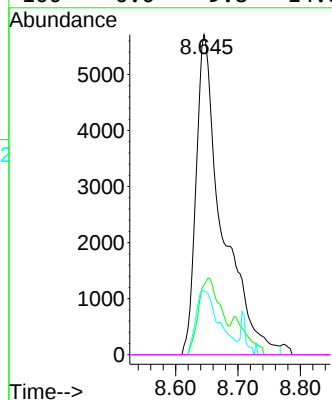
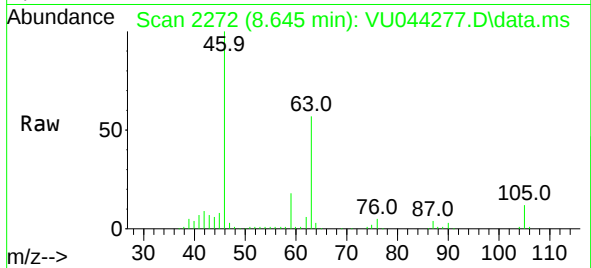




#48
2-Hexanone
Concen: 3.215 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU044277.D
Acq: 01 Jul 2021 11:27

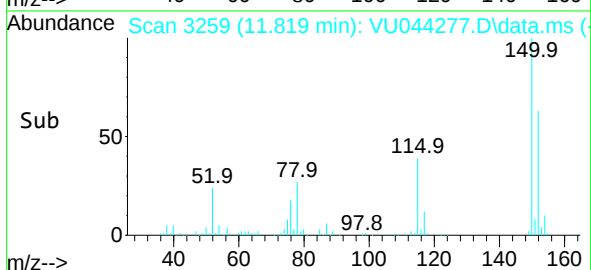
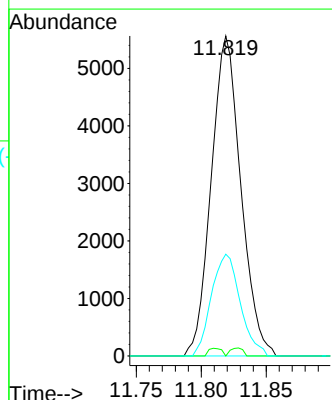
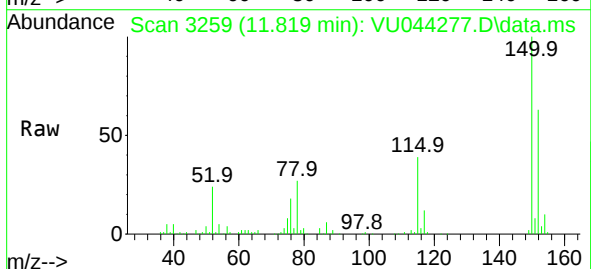
Instrument :
MSVOA_U
ClientSampleId :

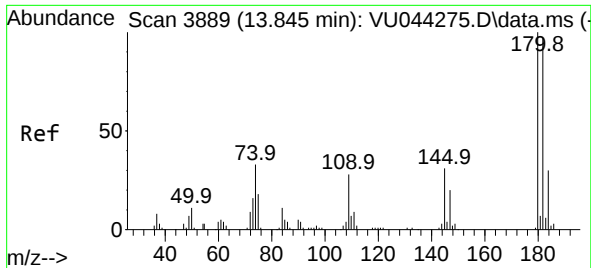
Tgt Ion:	43	Resp:	16510
Ion	Ratio	Lower	Upper
43	100		
58	20.1	44.7	67.1#
57	17.9	15.7	23.5
100	0.0	9.8	14.8#



#61
1,2,3-Trichloropropane
Concen: 1.406 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.990 min
Lab File: VU044277.D
Acq: 01 Jul 2021 11:27

Tgt Ion:	75	Resp:	8809
Ion	Ratio	Lower	Upper
75	100		
110	1.1	30.5	45.7#
77	30.9	26.1	39.1

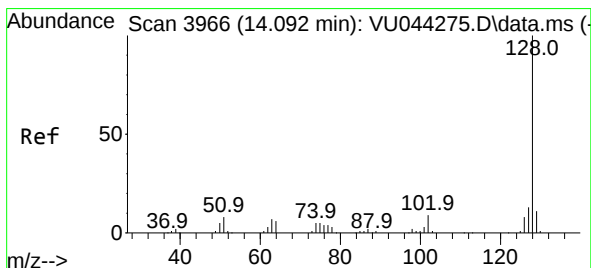
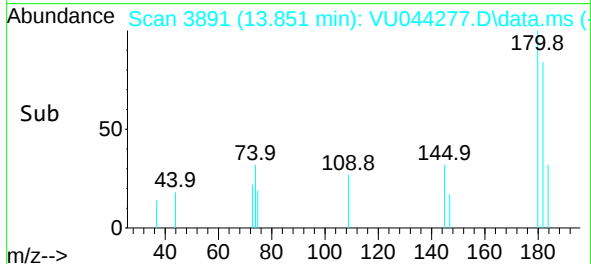
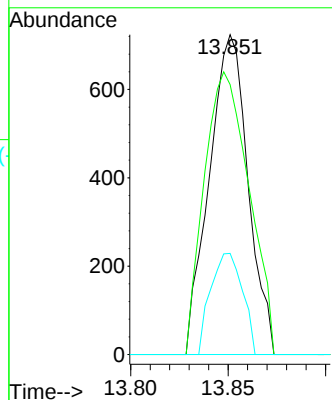
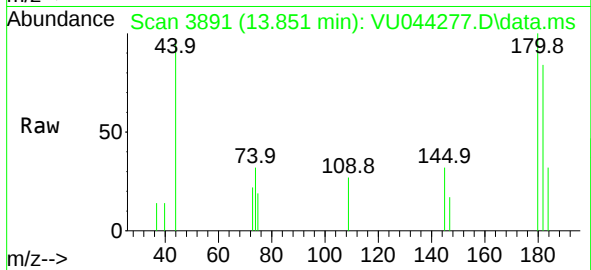




#70
1,2,4-trichlorobenzene
Concen: 0.081 ug/L
RT: 13.851 min Scan# 3891
Delta R.T. 0.006 min
Lab File: VU044277.D
Acq: 01 Jul 2021 11:27

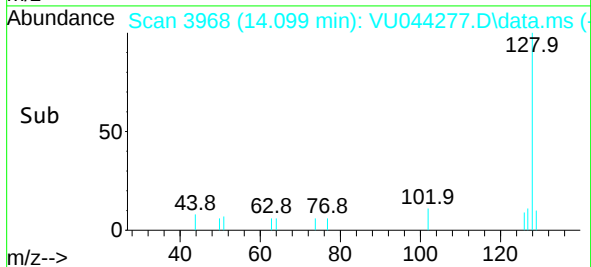
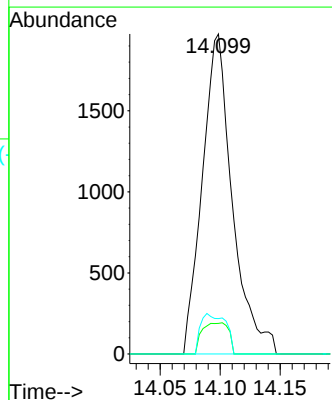
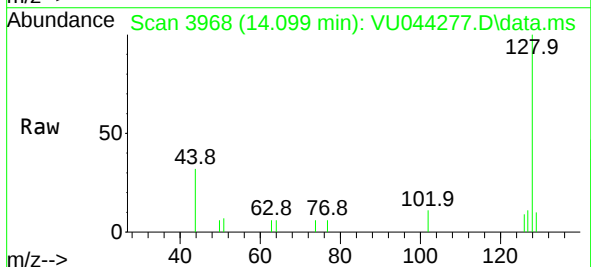
Instrument :
MSVOA_U
ClientSampleId :

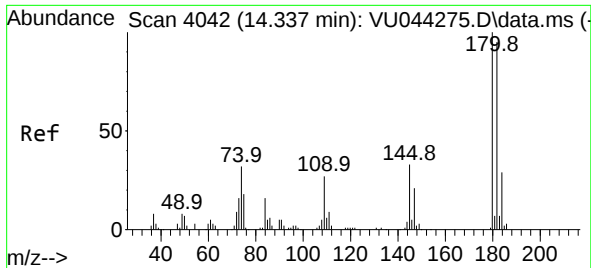
Tgt Ion:180 Resp: 1002
Ion Ratio Lower Upper
180 100
182 102.2 75.7 113.5
145 25.9 25.6 38.4



#71
Naphthalene
Concen: 0.155 ug/L
RT: 14.099 min Scan# 3968
Delta R.T. 0.006 min
Lab File: VU044277.D
Acq: 01 Jul 2021 11:27

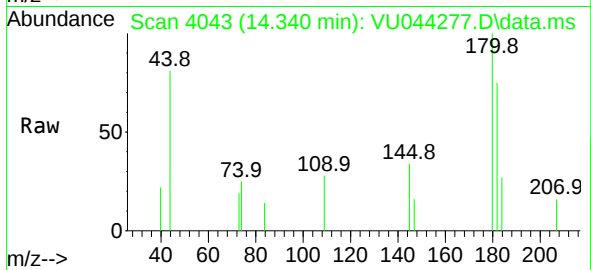
Tgt Ion:128 Resp: 3448
Ion Ratio Lower Upper
128 100
129 8.5 8.9 13.3#
127 10.4 10.3 15.5





#72
 1,2,3-Trichlorobenzene
 Concen: 0.118 ug/L
 RT: 14.340 min Scan# 4043
 Delta R.T. 0.003 min
 Lab File: VU044277.D
 Acq: 01 Jul 2021 11:27

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	1251
Ion	Ratio	Lower	Upper
180	100		
182	82.4	76.4	114.6
145	27.4	26.5	39.7

