

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020421\
 Data File : VU042260.D
 Acq On : 04 Feb 2021 10:41
 Operator : SY/MD
 Sample : VU0204WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 05 02:24:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 05 02:23:43 2021
 Response via : Initial Calibration

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

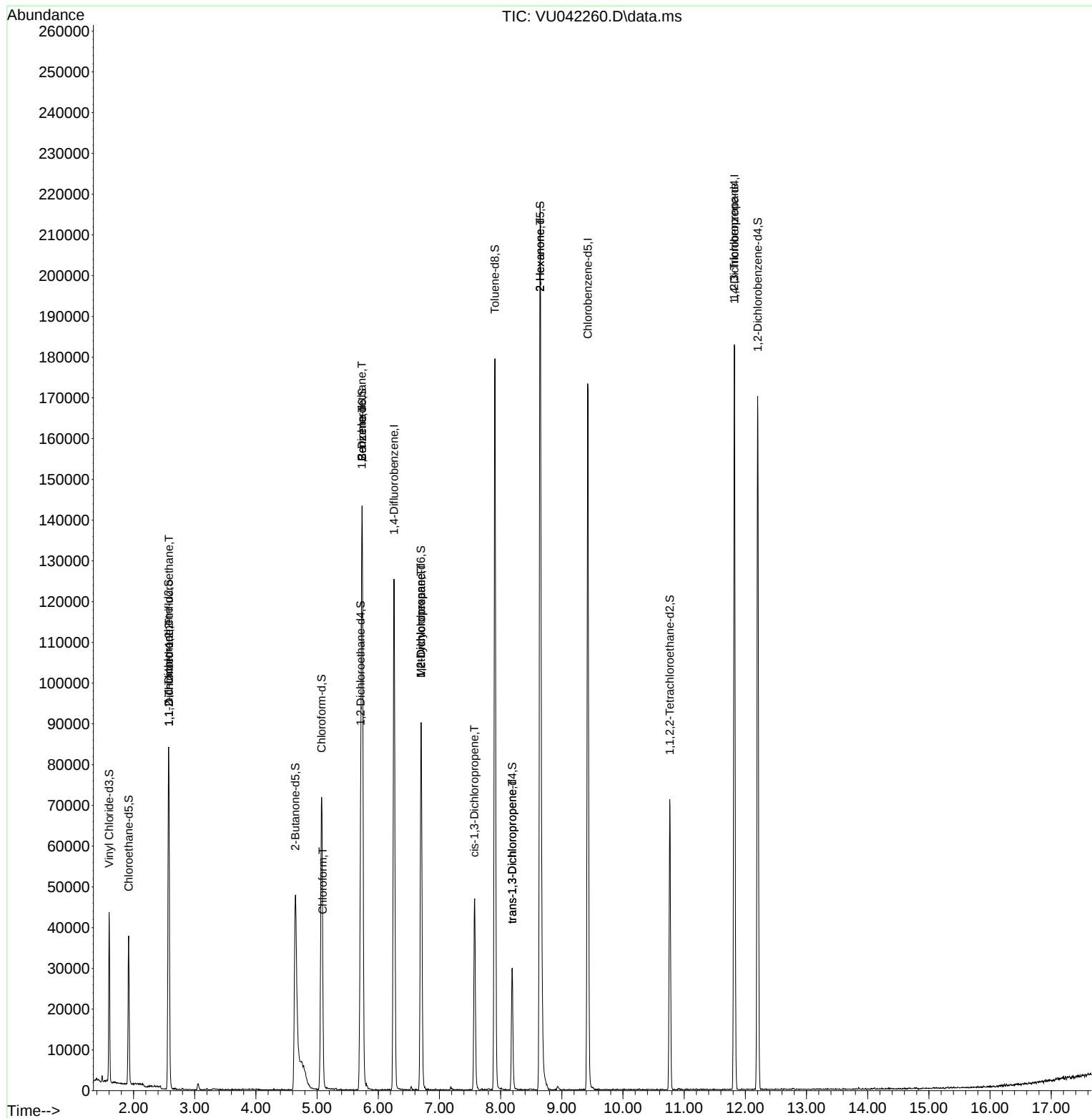
Internal Standards						
1) 1,4-Difluorobenzene	6.257	114	98022	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	91413	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	46985	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	28088	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.919	69	23958	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.572	63	52977	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	4.646	46	93309	40.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.88%
24) Chloroform-d	5.073	84	64976	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.713	65	42070	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.736	84	120749	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.700	67	40434	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.906	98	111297	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloroprop...	8.189	79	16359	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.646	63	87155	51.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.58%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	32388	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	12.202	152	42915	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	365	0.05	ug/L #	18
12) 1,1-Dichloroethene	2.578	96	383	0.06	ug/L #	1
25) Chloroform	5.093	83	923	0.07	ug/L	91
27) 1,2-Dichloroethane	5.733	62	780	0.08	ug/L #	75
33) Benzene	5.736	78	949	0.04	ug/L	100
35) Methylcyclohexane	6.700	83	9400	0.77	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	4747	0.67	ug/L #	87
39) cis-1,3-Dichloropropene	7.572	75	1130	0.10	ug/L #	62
44) trans-1,3-Dichloropropene	8.189	75	667	0.06	ug/L #	45
48) 2-Hexanone	8.646	43	12357	2.93	ug/L #	66
59) 1,2,3-Trichloropropane	11.819	75	5715	1.14	ug/L	95

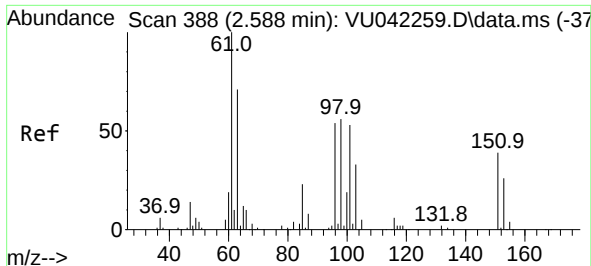
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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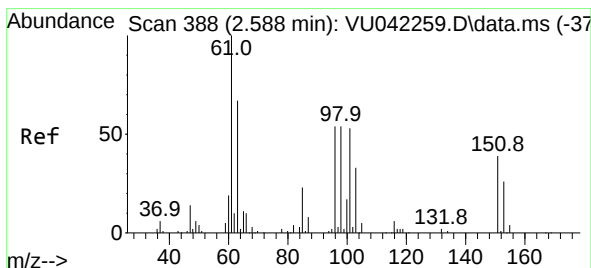
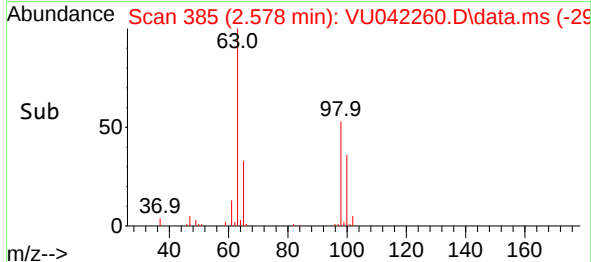
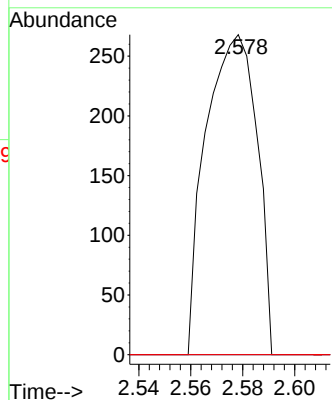
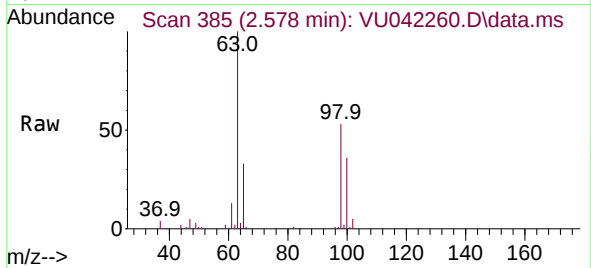




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.05 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU042260.D
 Acq: 04 Feb 2021 10:41

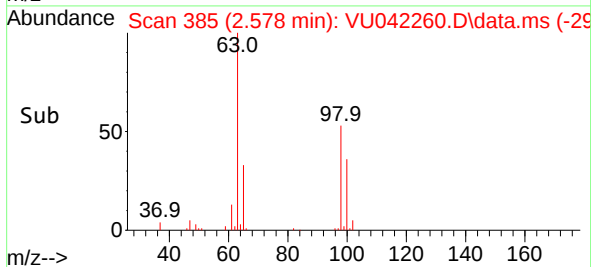
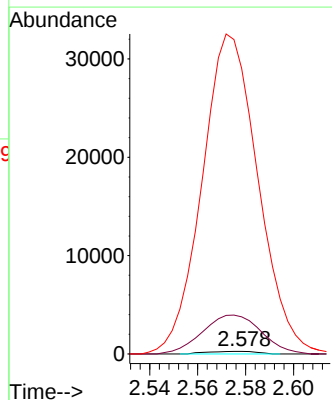
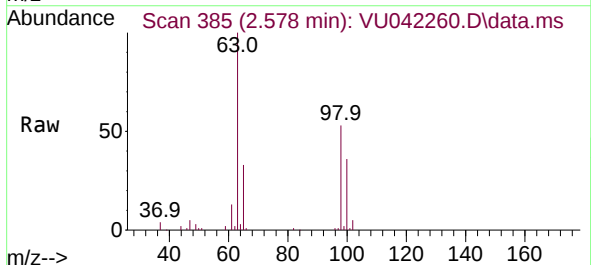
Instrument :
 MSVOA_U
 ClientSampleId :

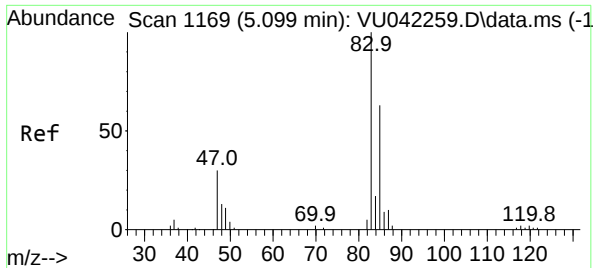
Tgt Ion:101 Resp: 365
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 62.7 94.1#



#12
 1,1-Dichloroethene
 Concen: 0.06 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU042260.D
 Acq: 04 Feb 2021 10:41

Tgt Ion: 96 Resp: 383
 Ion Ratio Lower Upper
 96 100
 61 1408.6 126.2 234.4#
 63 10838.8 77.8 144.4#

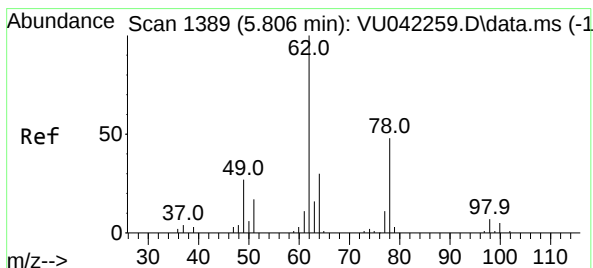
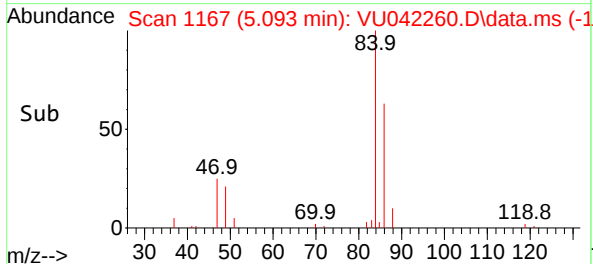
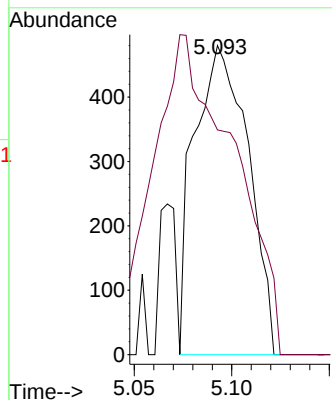
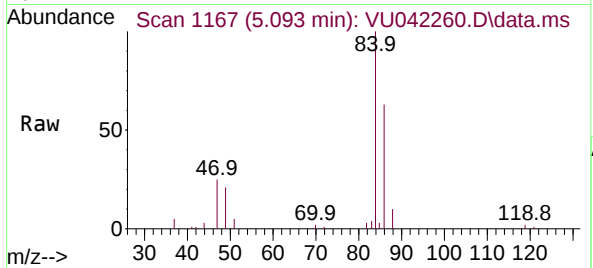




#25
Chloroform
Concen: 0.07 ug/L
RT: 5.093 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VU042260.D
Acq: 04 Feb 2021 10:41

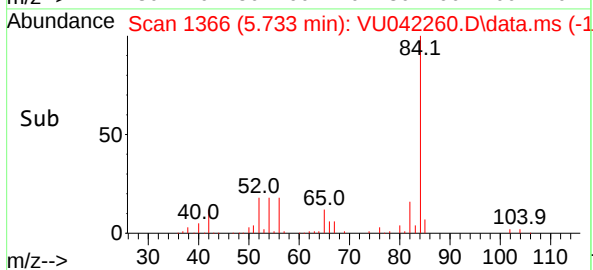
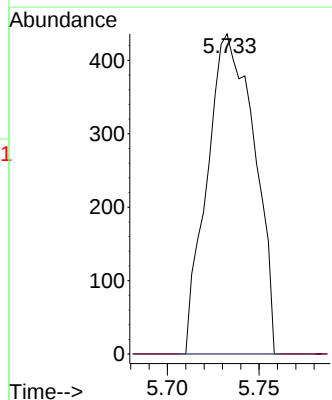
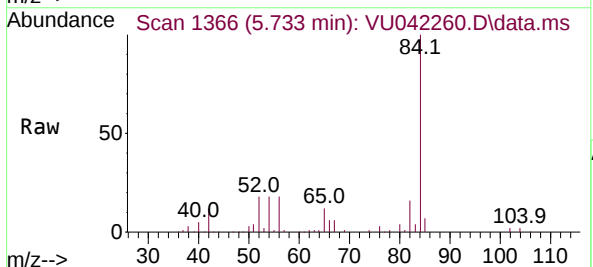
Instrument :
MSVOA_U
ClientSampled :

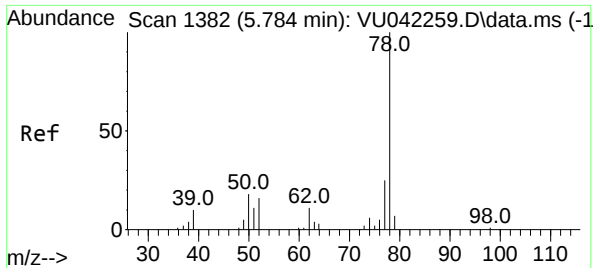
Tgt Ion: 83 Resp: 923
Ion Ratio Lower Upper
83 100
85 72.7 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.733 min Scan# 1366
Delta R.T. -0.074 min
Lab File: VU042260.D
Acq: 04 Feb 2021 10:41

Tgt Ion: 62 Resp: 780
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

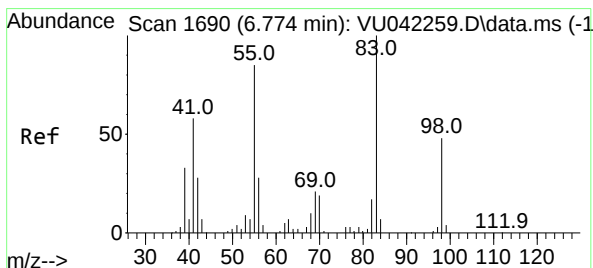
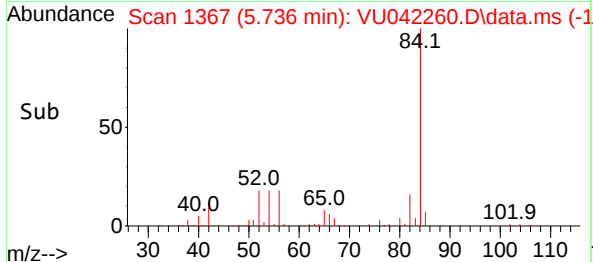
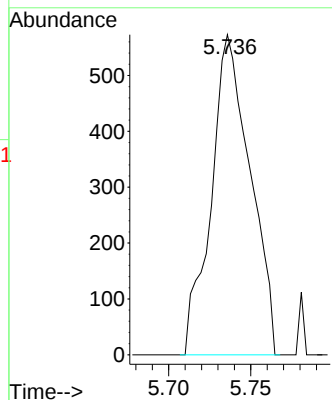
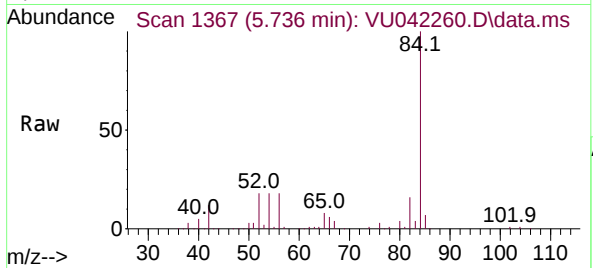




#33
Benzene
Concen: 0.04 ug/L
RT: 5.736 min Scan# 1367
Delta R.T. -0.048 min
Lab File: VU042260.D
Acq: 04 Feb 2021 10:41

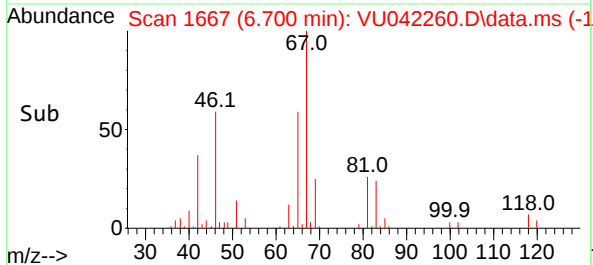
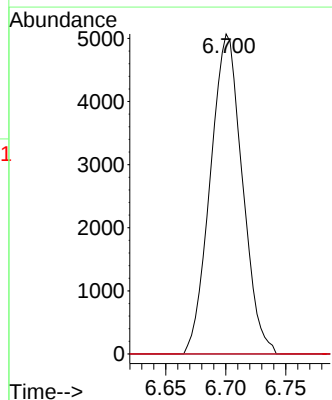
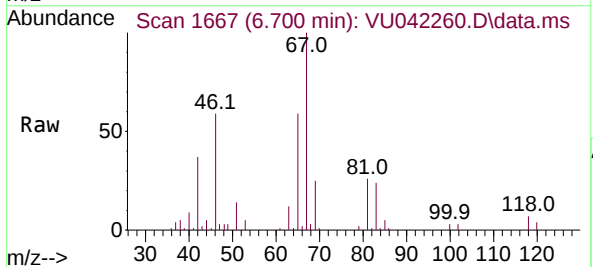
Instrument :
MSVOA_U
ClientSampled :

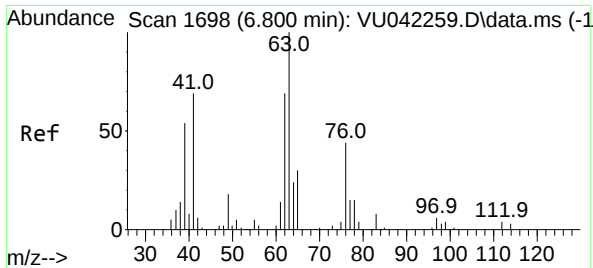
Tgt Ion: 78 Resp: 949



#35
Methylcyclohexane
Concen: 0.77 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042260.D
Acq: 04 Feb 2021 10:41

Tgt Ion: 83 Resp: 9400
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#

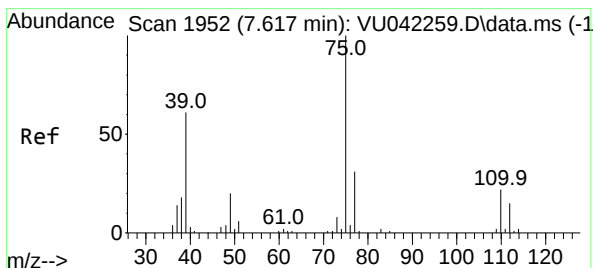
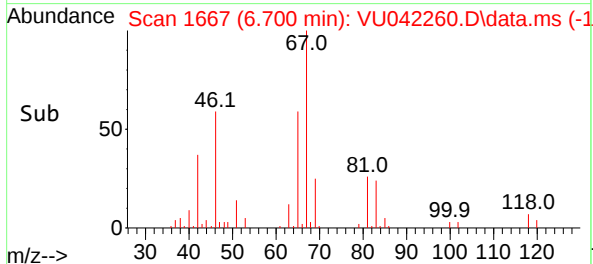
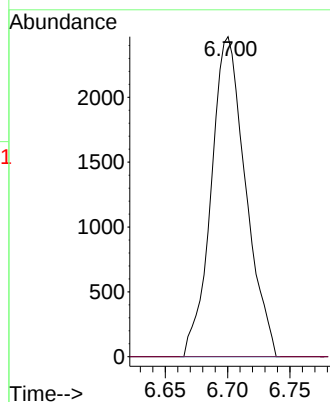
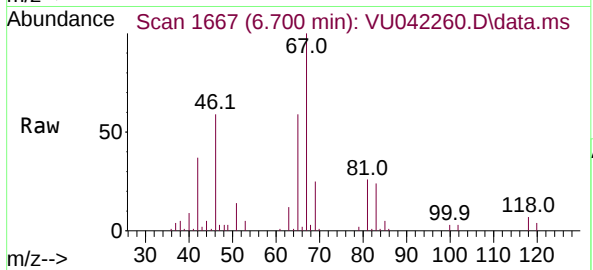




#37
1,2-Dichloropropane
Concen: 0.67 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042260.D
Acq: 04 Feb 2021 10:41

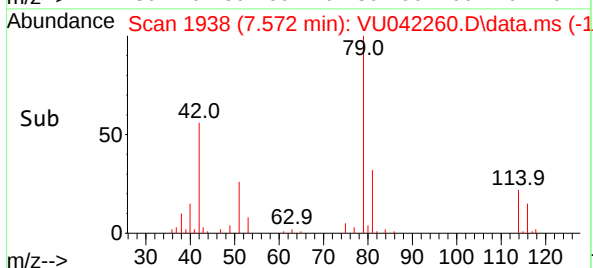
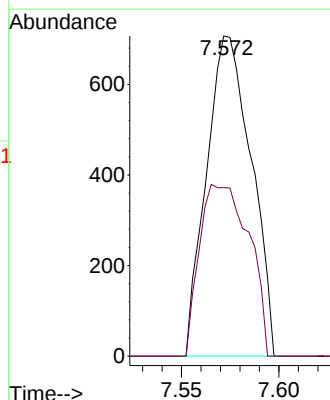
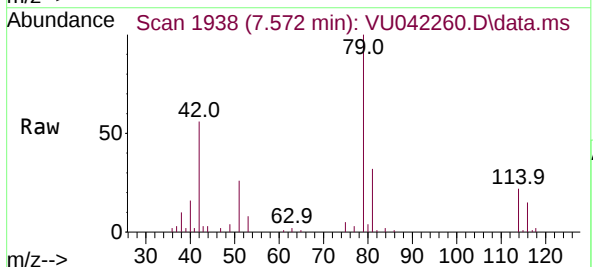
Instrument :
MSVOA_U
ClientSampled :

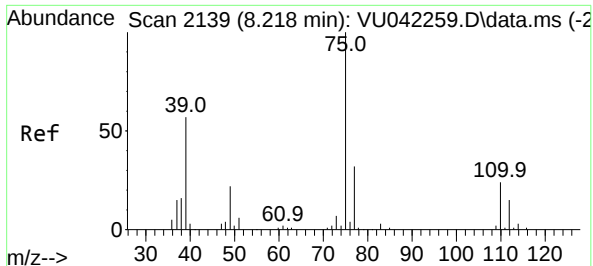
Tgt Ion: 63 Resp: 4747
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.572 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042260.D
Acq: 04 Feb 2021 10:41

Tgt Ion: 75 Resp: 1130
Ion Ratio Lower Upper
75 100
77 52.6 22.0 40.8#

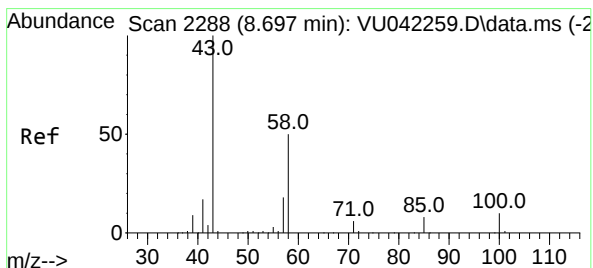
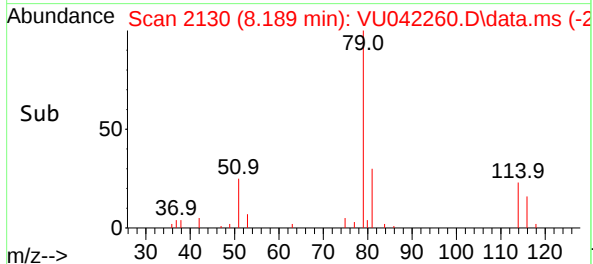
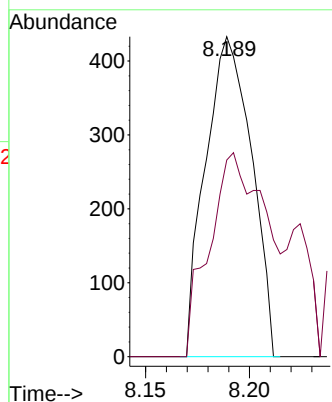
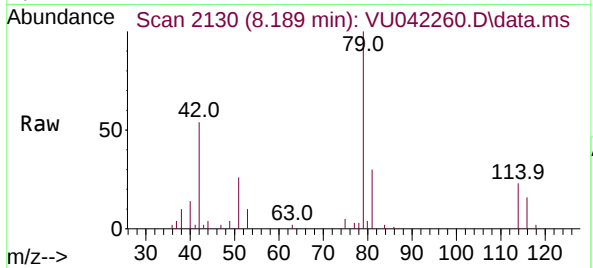




#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042260.D
Acq: 04 Feb 2021 10:41

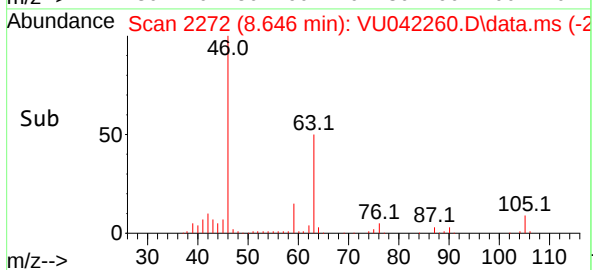
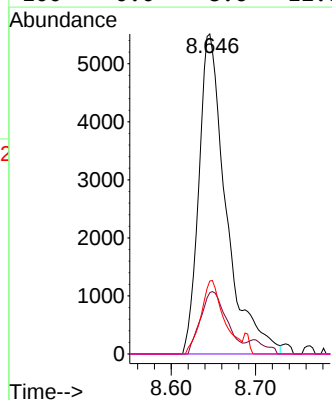
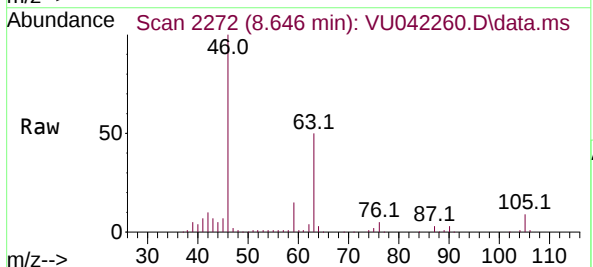
Instrument :
MSVOA_U
ClientSampled :

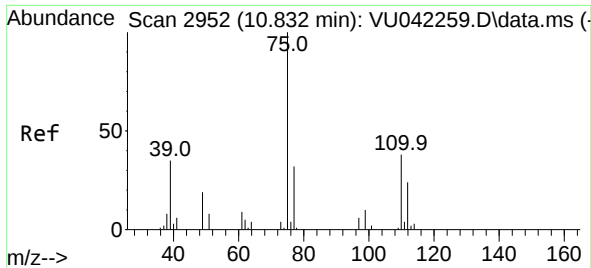
Tgt Ion: 75 Resp: 667
Ion Ratio Lower Upper
75 100
77 61.4 21.8 40.4#



#48
2-Hexanone
Concen: 2.93 ug/L
RT: 8.646 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042260.D
Acq: 04 Feb 2021 10:41

Tgt Ion: 43 Resp: 12357
Ion Ratio Lower Upper
43 100
58 18.8 40.6 61.0#
57 19.6 14.9 22.3
100 0.0 8.6 12.8#





#59
 1,2,3-Trichloropropane
 Concen: 1.14 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042260.D
 Acq: 04 Feb 2021 10:41

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 5715
 Ion Ratio Lower Upper
 75 100
 77 35.1 26.0 39.0

