

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040121\
 Data File : VU042879.D
 Acq On : 01 Apr 2021 16:49
 Operator : SY/MD
 Sample : M1882-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BL6

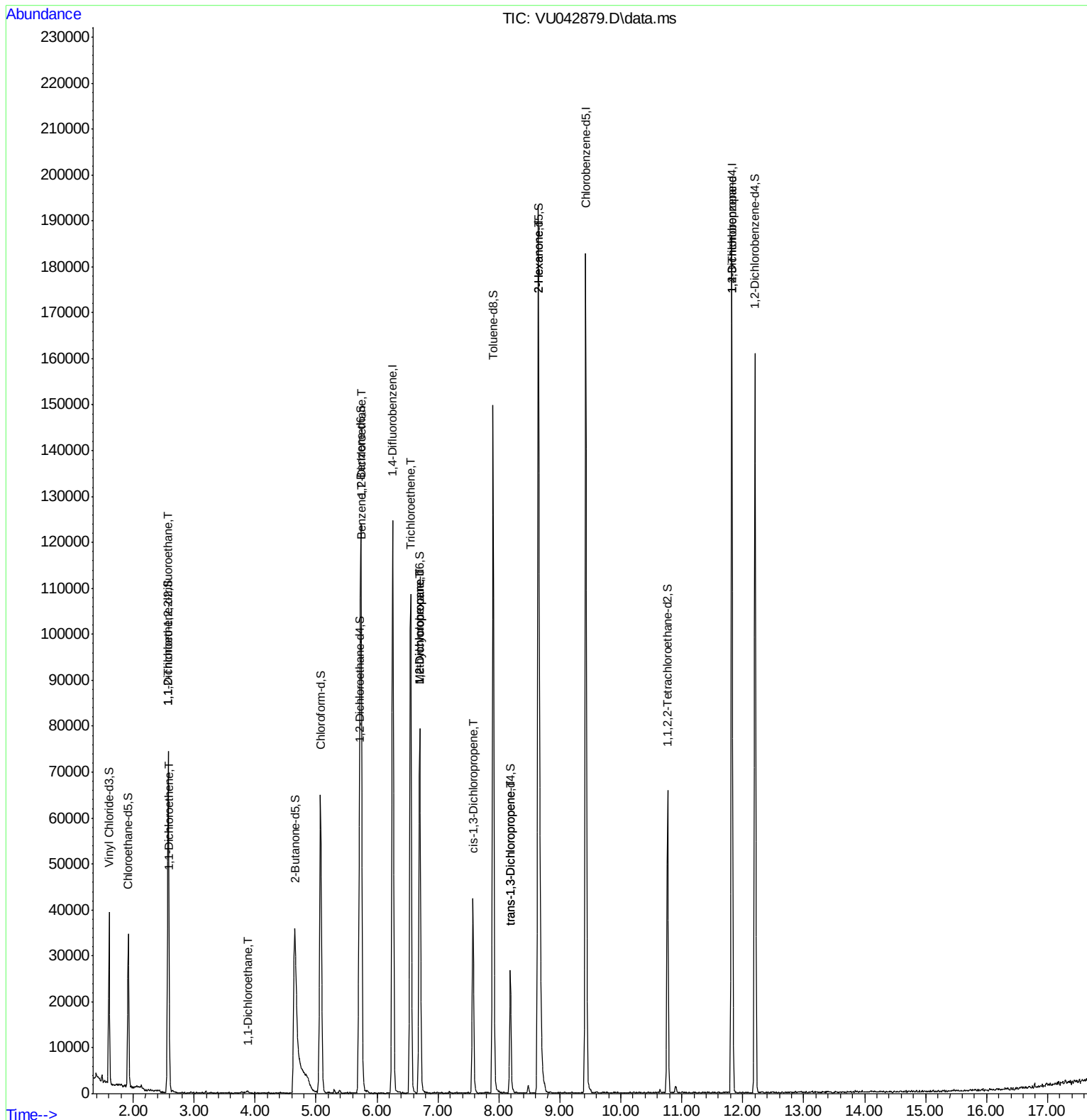
Quant Time: Apr 02 05:17:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR040121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 02 05:16:37 2021
 Response via : Initial Calibration

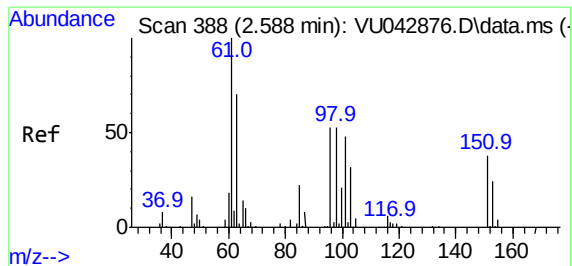
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	97588	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	93750	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	46148	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25369	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.919	69	22148	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	2.575	63	45173	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	4.652	46	80372	32.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	65.42%
24) Chloroform-d	5.073	84	57621	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	5.713	65	35754	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
32) Benzene-d6	5.735	84	102223	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.700	67	34712	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	7.906	98	93953	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloroprop...	8.188	79	14509	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.645	63	78175	43.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.56%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	29910	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	38571	4.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.20%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	326	0.05	ug/L #	18
12) 1,1-Dichloroethene	2.587	96	2114	0.33	ug/L #	1
19) 1,1-Dichloroethane	3.877	63	557	0.04	ug/L #	78
27) 1,2-Dichloroethane	5.738	62	609	0.06	ug/L #	75
33) Benzene	5.742	78	829	0.03	ug/L	100
34) Trichloroethene	6.549	95	35773	4.89	ug/L	98
35) Methylcyclohexane	6.700	83	7382	0.67	ug/L #	25
37) 1,2-Dichloropropane	6.700	63	4155	0.56	ug/L #	87
39) cis-1,3-Dichloropropene	7.574	75	955	0.09	ug/L #	34
44) trans-1,3-Dichloropropene	8.188	75	731	0.07	ug/L #	72
48) 2-Hexanone	8.648	43	12124	2.54	ug/L #	66
59) 1,2,3-Trichloropropane	11.822	75	5791	1.09	ug/L #	85

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

Quant Time: Apr 02 05:17:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR040121WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 02 05:16:37 2021
Response via : Initial Calibration

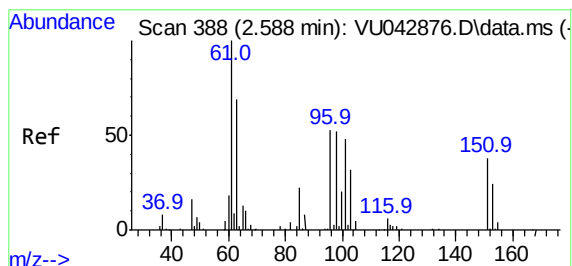
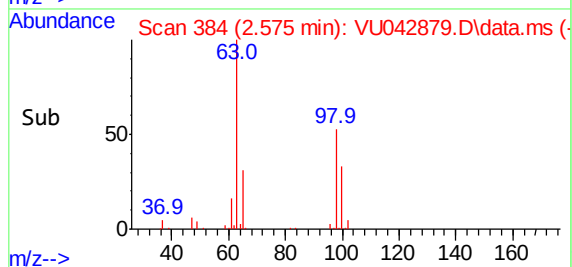
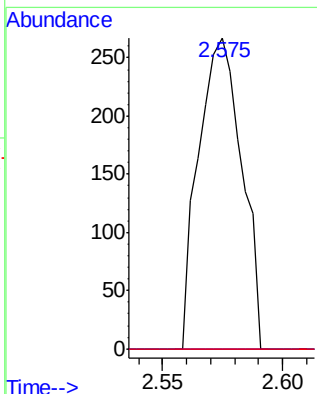
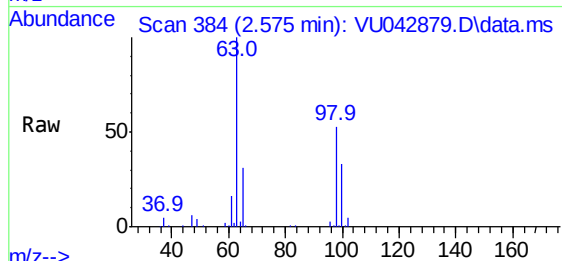




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.05 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU042879.D
 Acq: 01 Apr 2021 16:49

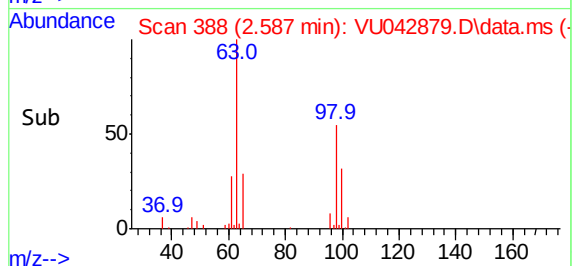
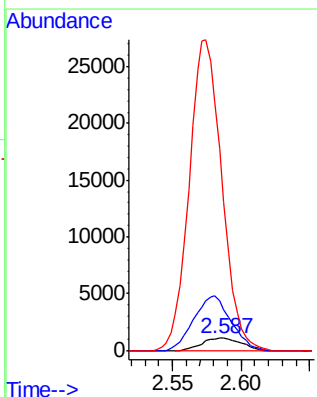
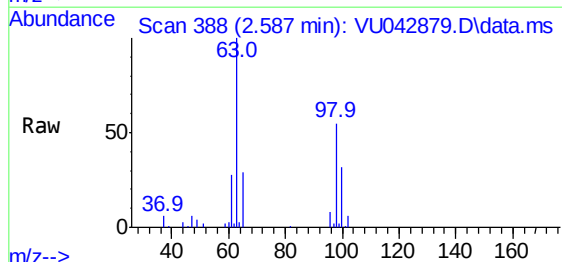
Instrument :
 MSVOA_U
 ClientSampleId :
 C0BL6

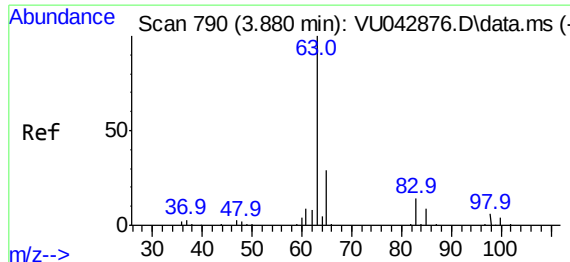
Tgt Ion:101 Resp: 326
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 62.7 94.1#



#12
 1,1-Dichloroethene
 Concen: 0.33 ug/L
 RT: 2.587 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU042879.D
 Acq: 01 Apr 2021 16:49

Tgt Ion: 96 Resp: 2114
 Ion Ratio Lower Upper
 96 100
 61 331.3 126.2 234.4#
 63 1200.0 77.8 144.4#

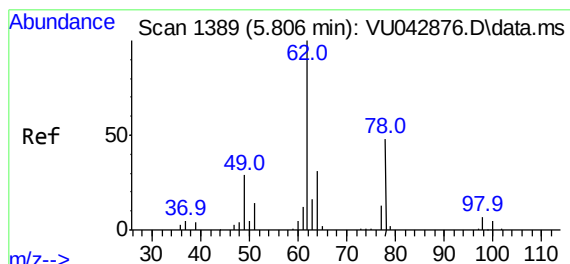
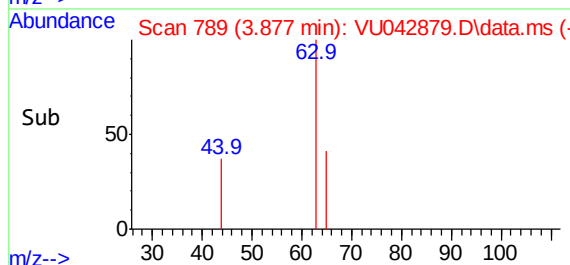
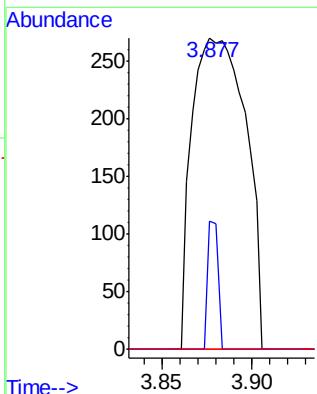
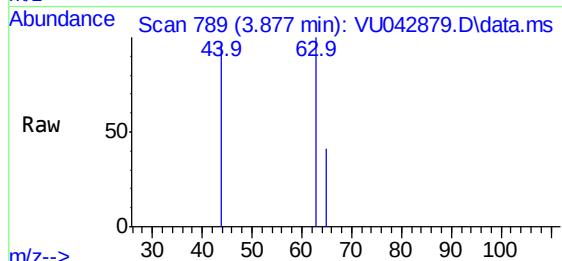




#19
1,1-Dichloroethane
Concen: 0.04 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.003 min
Lab File: VU042879.D
Acq: 01 Apr 2021 16:49

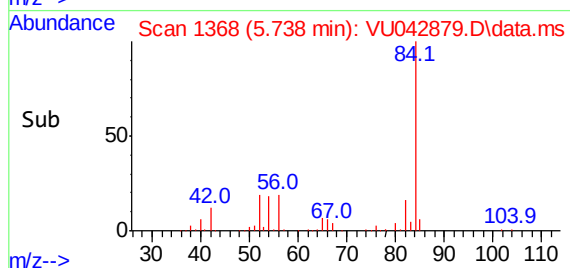
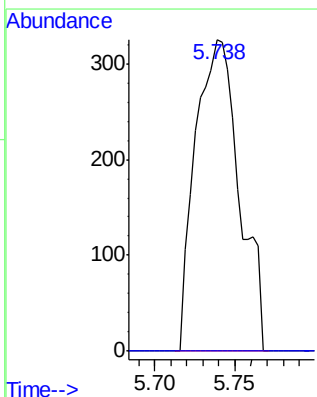
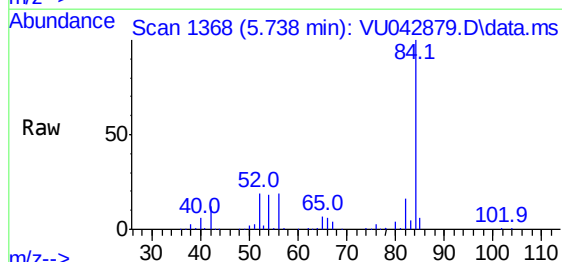
Instrument :
MSVOA_U
ClientSampleId :
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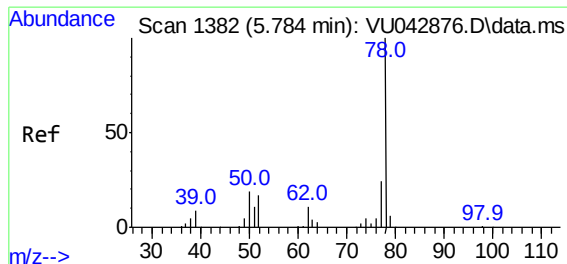
Tgt Ion: 63 Resp: 557
Ion Ratio Lower Upper
63 100
65 41.1 22.5 41.9
83 0.0 10.1 18.7#



#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.738 min Scan# 1368
Delta R.T. -0.068 min
Lab File: VU042879.D
Acq: 01 Apr 2021 16:49

Tgt Ion: 62 Resp: 609
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

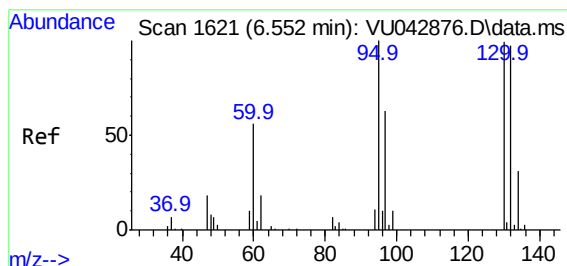
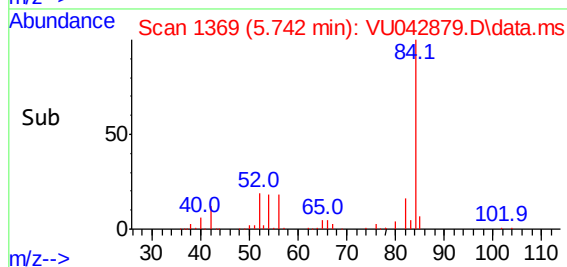
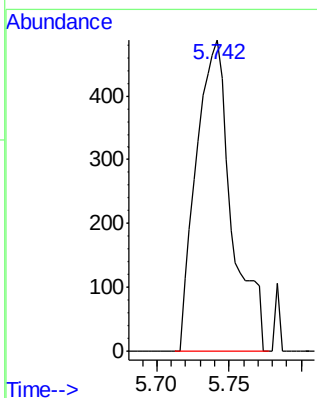
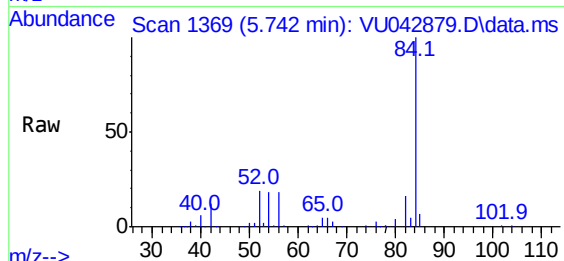




#33
Benzene
Concen: 0.03 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.042 min
Lab File: VU042879.D
Acq: 01 Apr 2021 16:49

Instrument :
MSVOA_U
ClientSampleId :
C0BL6

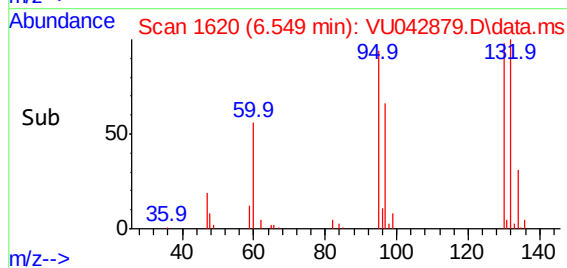
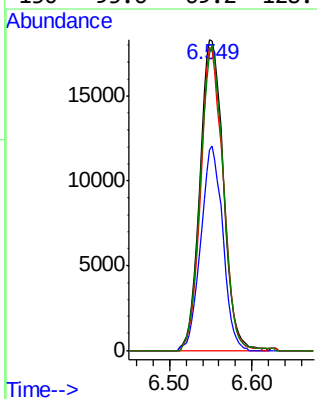
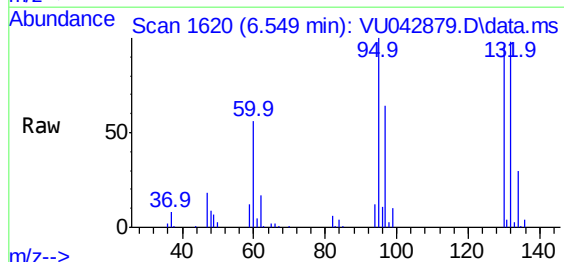
Tgt Ion: 78 Resp: 829

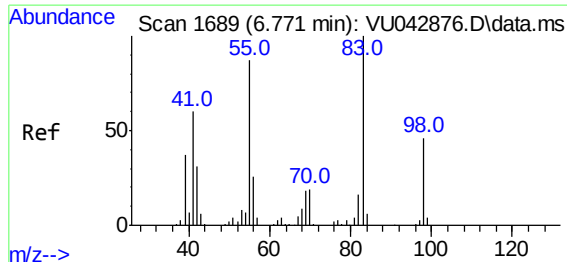


#34
Trichloroethene
Concen: 4.89 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042879.D
Acq: 01 Apr 2021 16:49

Tgt Ion: 95 Resp: 35773

Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.4	82.4
132	97.6	68.0	126.4
130	95.6	69.2	128.4

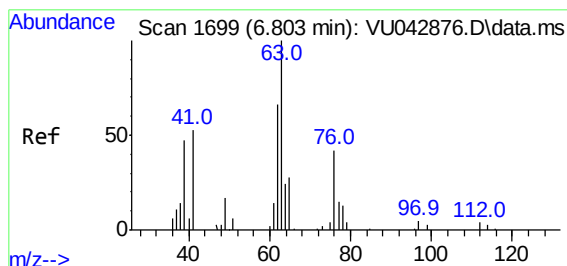
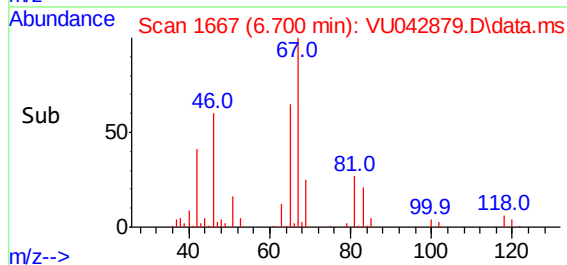
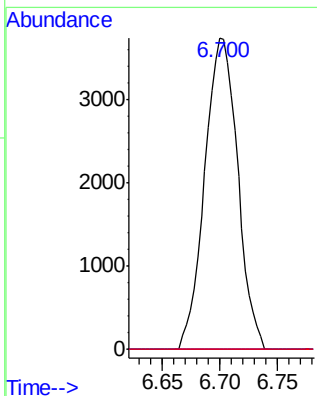
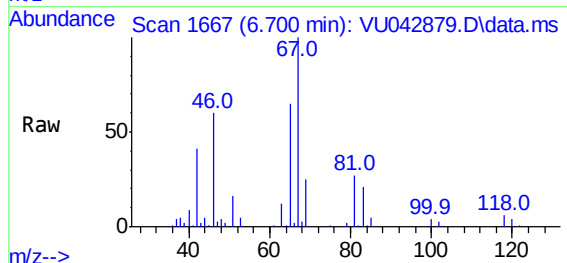




#35
Methylcyclohexane
Concen: 0.67 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042879.D
Acq: 01 Apr 2021 16:49

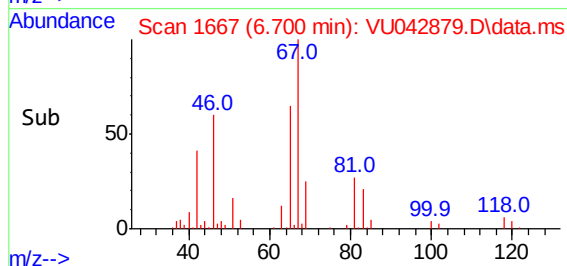
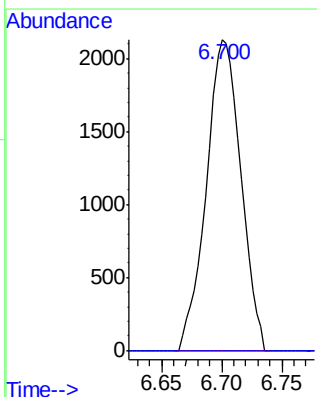
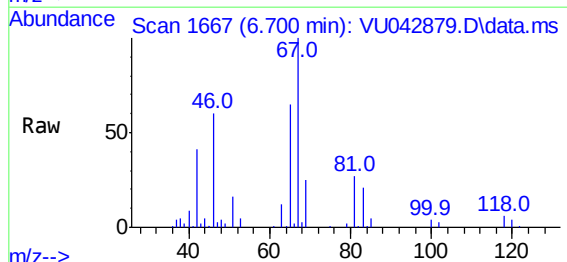
Instrument :
MSVOA_U
ClientSampled :
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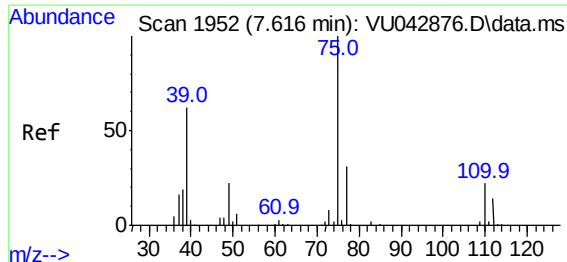
Tgt Ion: 83 Resp: 7382
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 19.1 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.56 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.103 min
Lab File: VU042879.D
Acq: 01 Apr 2021 16:49

Tgt Ion: 63 Resp: 4155
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

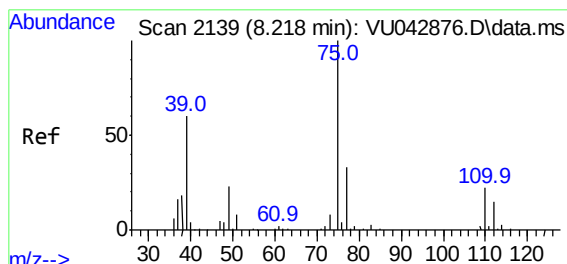
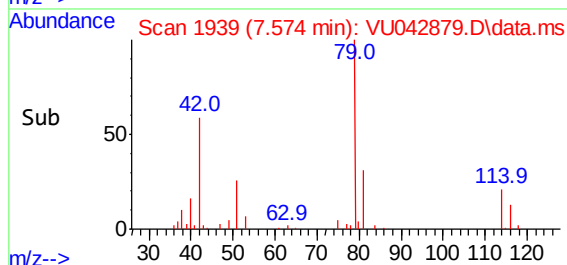
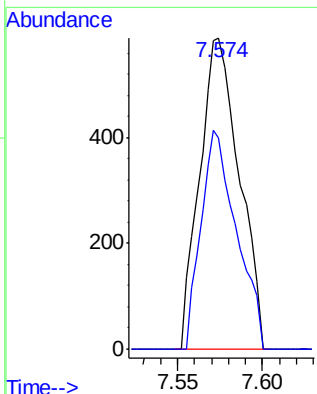
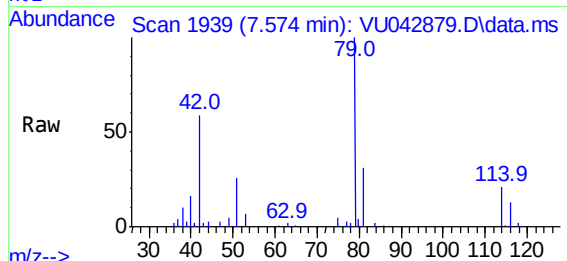




#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042879.D
Acq: 01 Apr 2021 16:49

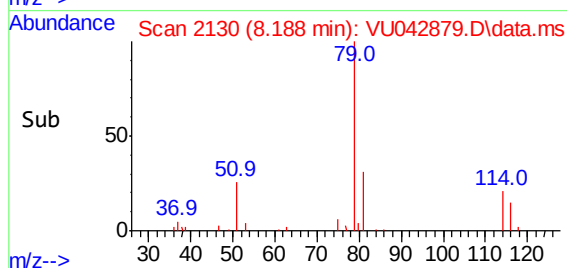
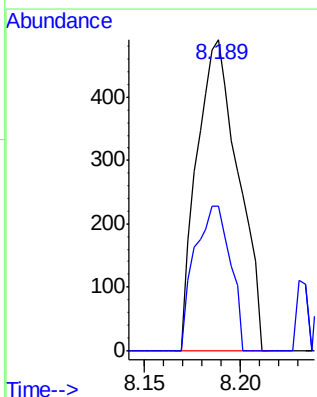
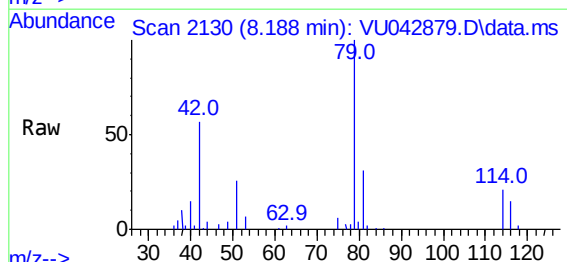
Instrument :
MSVOA_U
ClientSampleId :
C0BL6

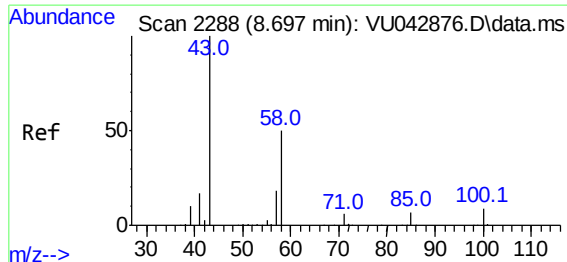
Tgt Ion: 75 Resp: 955
Ion Ratio Lower Upper
75 100
77 67.7 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.188 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042879.D
Acq: 01 Apr 2021 16:49

Tgt Ion: 75 Resp: 731
Ion Ratio Lower Upper
75 100
77 46.4 21.8 40.4#



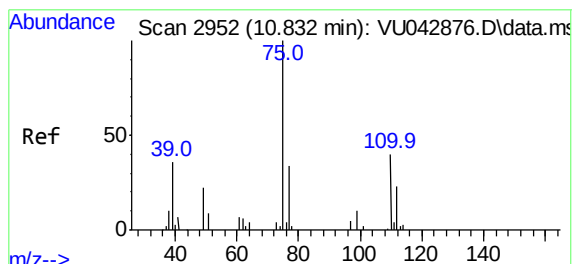
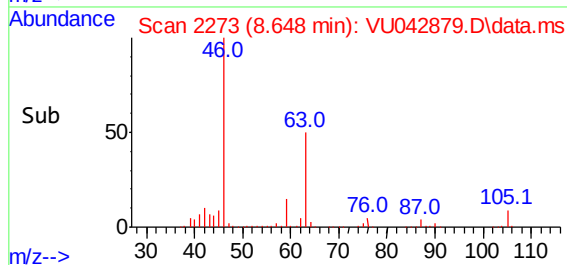
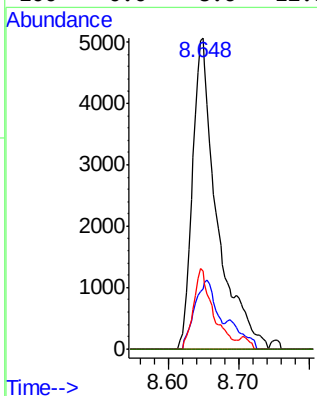
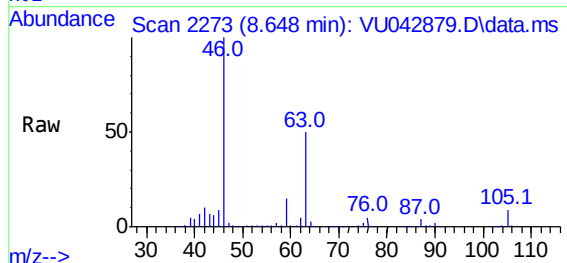


#48
2-Hexanone
Concen: 2.54 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU042879.D
Acq: 01 Apr 2021 16:49

Instrument :
MSVOA_U
ClientSampleId :
C0BL6

Tgt Ion: 43 Resp: 12124

Ion	Ratio	Lower	Upper
43	100		
58	19.5	40.6	61.0#
57	20.8	14.9	22.3
100	0.0	8.6	12.8#



#59
1,2,3-Trichloropropane
Concen: 1.09 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 0.990 min
Lab File: VU042879.D
Acq: 01 Apr 2021 16:49

Tgt Ion: 75 Resp: 5791

Ion	Ratio	Lower	Upper
75	100		
77	41.0	26.0	39.0#

