

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031221\
 Data File : VU042579.D
 Acq On : 11 Mar 2021 21:31
 Operator : SY/MD
 Sample : M1631-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B77

Quant Time: Mar 12 01:36:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 12 01:30:46 2021
 Response via : Initial Calibration

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

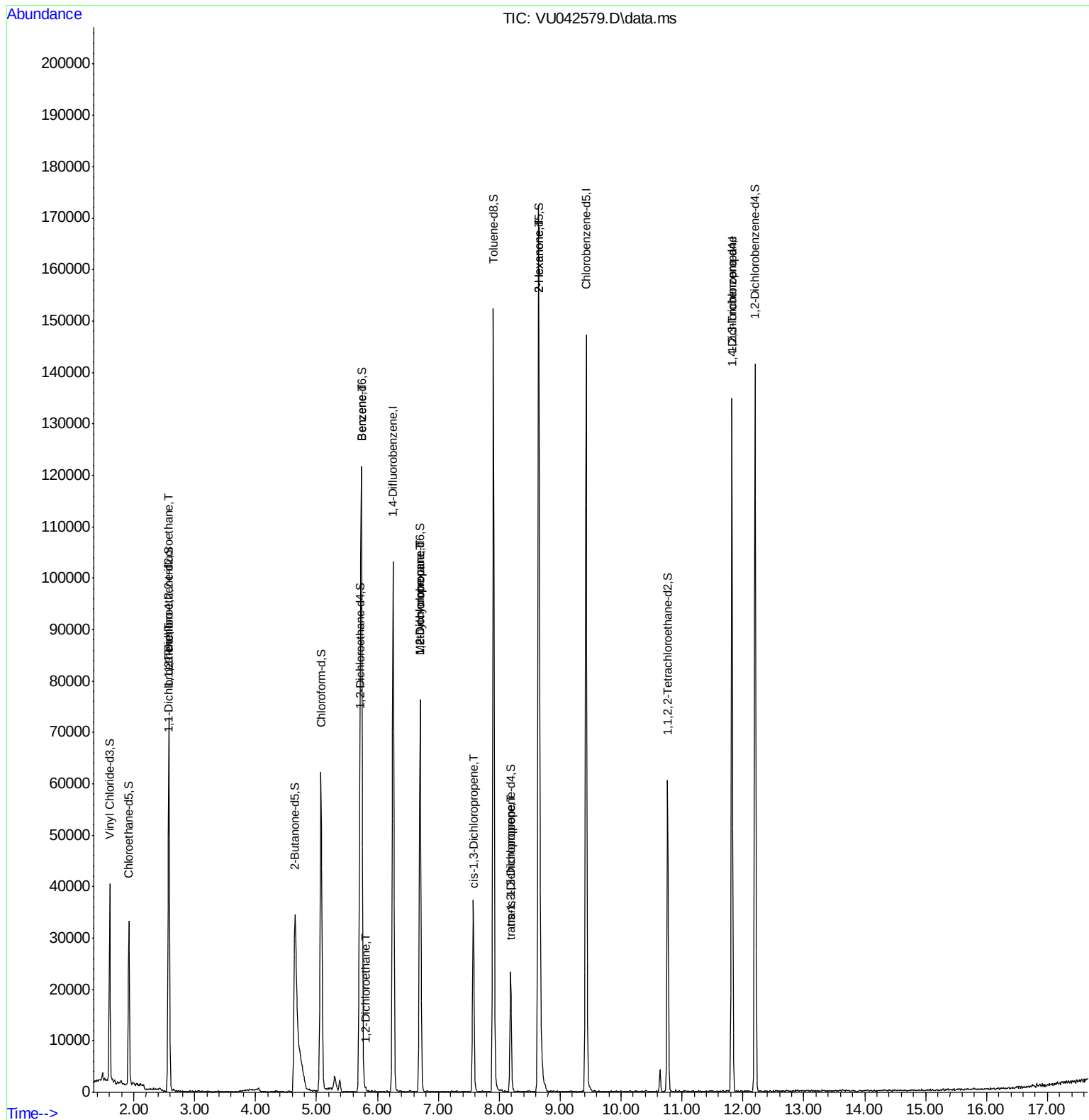
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	79166	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	77779	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	33386	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25903	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.919	69	21586	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.00%
11) 1,1-Dichloroethene-d2	2.575	63	44523	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	4.649	46	94872	54.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.50%
24) Chloroform-d	5.073	84	54131	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.713	65	36327	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.20%
32) Benzene-d6	5.739	84	99356	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	6.700	67	32947	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.906	98	95125	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
43) trans-1,3-Dichloroprop...	8.189	79	12599	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.645	63	64339	46.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.50%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	28078	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	12.201	152	35639	5.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.80%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	320	0.05	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	468	0.08	ug/L #	1
27) 1,2-Dichloroethane	5.803	62	315	0.04	ug/L #	75
33) Benzene	5.739	78	743	0.03	ug/L	100
35) Methylcyclohexane	6.700	83	7223	0.70	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	3780	0.58	ug/L #	87
39) cis-1,3-Dichloropropene	7.581	75	874	0.09	ug/L #	80
44) trans-1,3-Dichloropropene	8.182	75	659	0.07	ug/L	94
48) 2-Hexanone	8.645	43	10415	2.46	ug/L #	67
59) 1,2,3-Trichloropropane	11.819	75	4577	0.93	ug/L	98

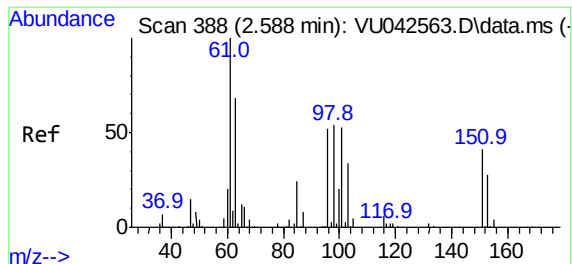
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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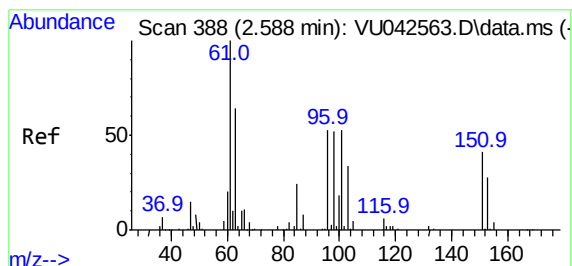
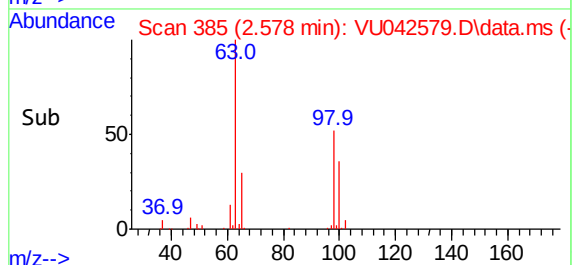
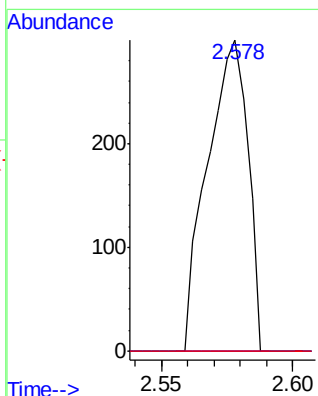
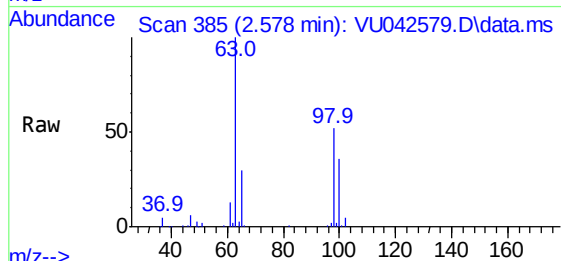




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.05 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU042579.D
 Acq: 11 Mar 2021 21:31

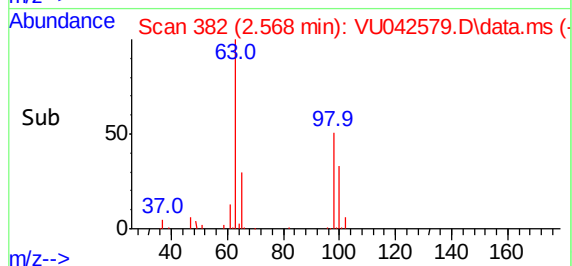
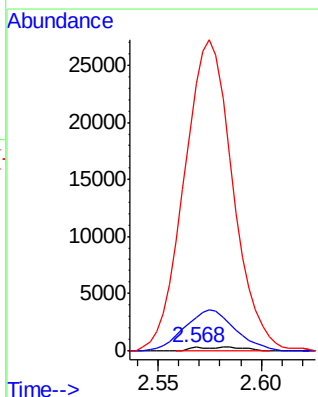
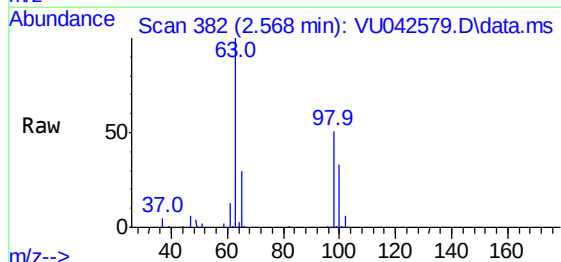
Instrument :
 MSVOA_U
 ClientSampleId :
 C0B77

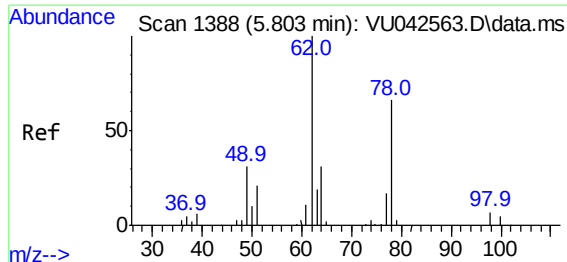
Tgt Ion:101 Resp: 320
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 62.7 94.1#



#12
 1,1-Dichloroethene
 Concen: 0.08 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.019 min
 Lab File: VU042579.D
 Acq: 11 Mar 2021 21:31

Tgt Ion: 96 Resp: 468
 Ion Ratio Lower Upper
 96 100
 61 1023.7 126.2 234.4#
 63 8186.8 77.8 144.4#

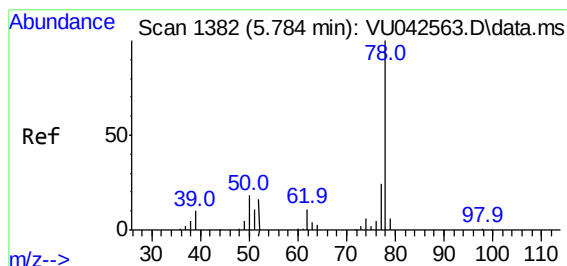
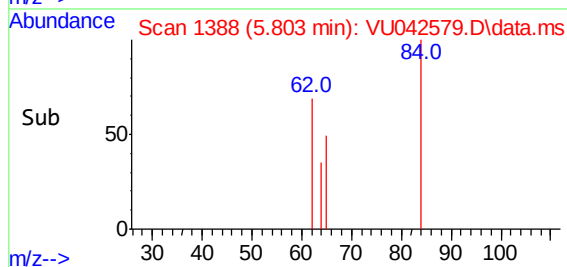
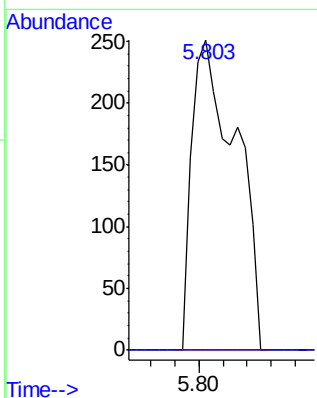
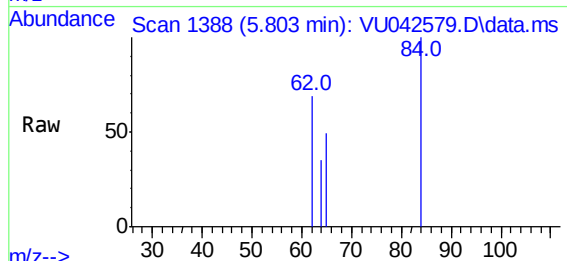




#27
1,2-Dichloroethane
Concen: 0.04 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU042579.D
Acq: 11 Mar 2021 21:31

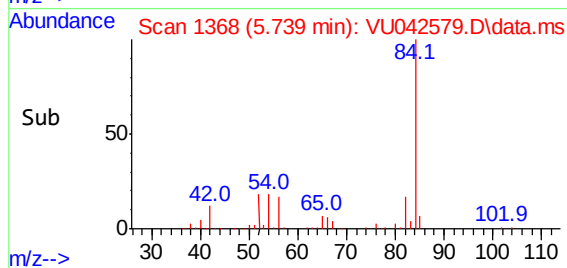
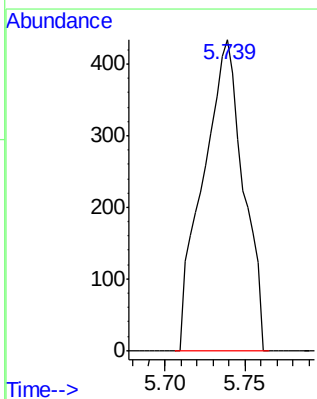
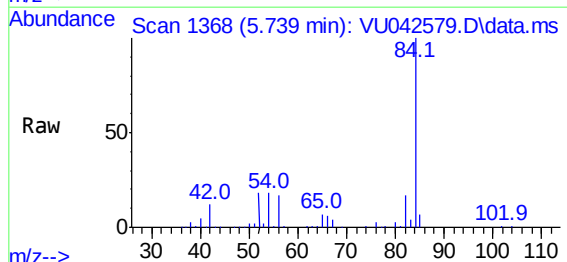
Instrument :
MSVOA_U
ClientSampled :
C0B77

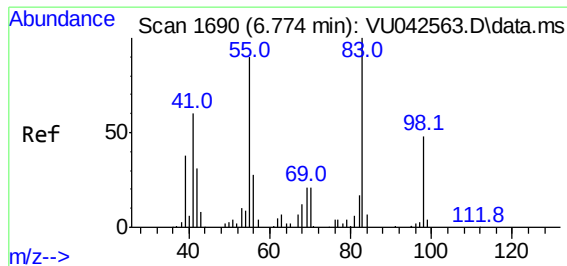
Tgt Ion: 62 Resp: 315
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.03 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.045 min
Lab File: VU042579.D
Acq: 11 Mar 2021 21:31

Tgt Ion: 78 Resp: 743

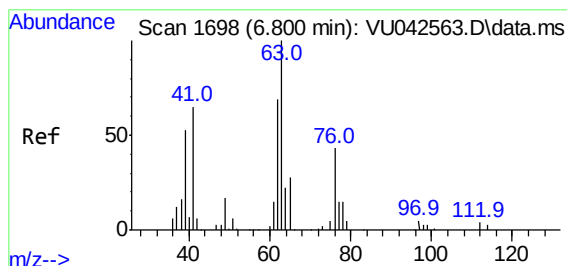
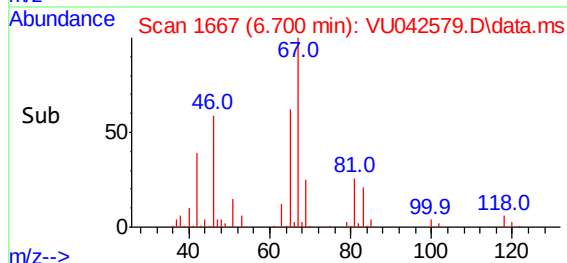
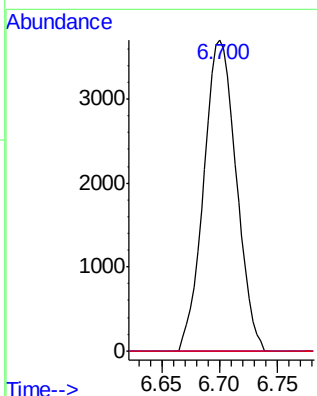
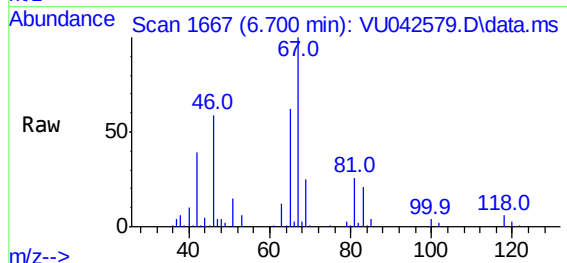




#35
Methylcyclohexane
Concen: 0.70 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042579.D
Acq: 11 Mar 2021 21:31

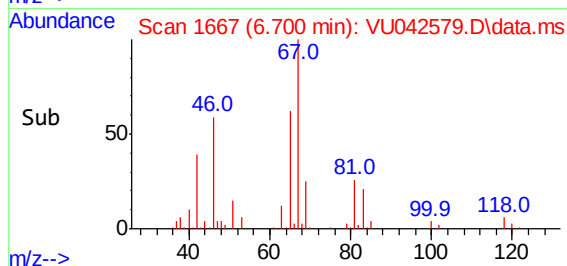
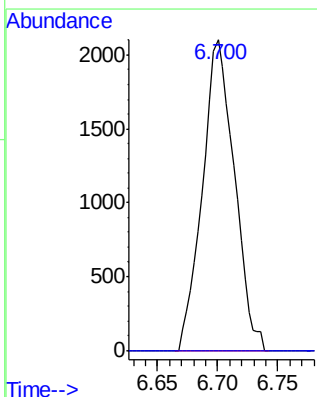
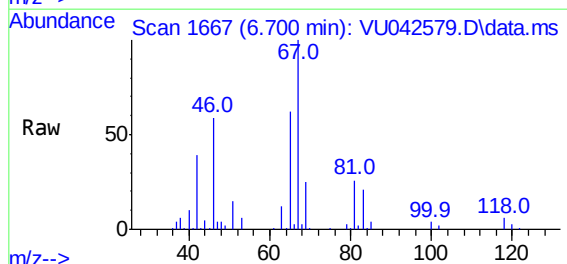
Instrument :
MSVOA_U
ClientSampled :
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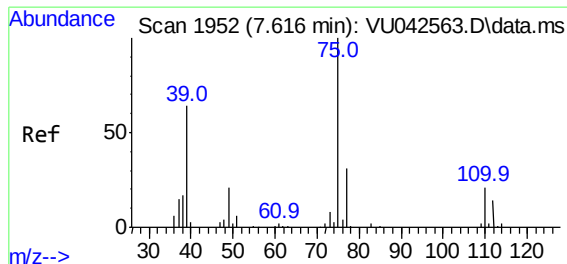
Tgt Ion: 83 Resp: 7223
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.58 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042579.D
Acq: 11 Mar 2021 21:31

Tgt Ion: 63 Resp: 3780
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

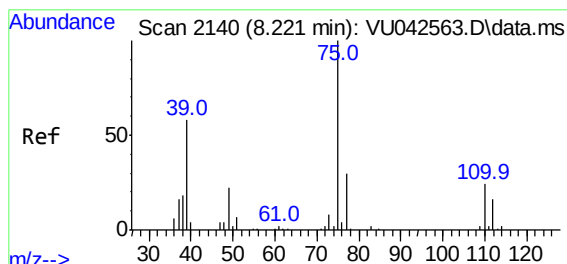
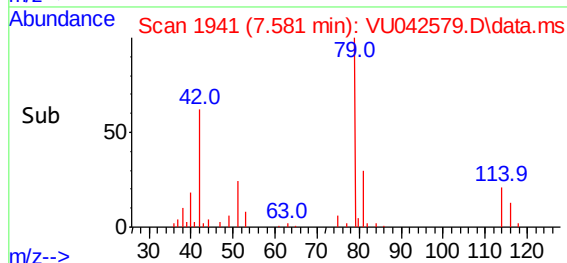
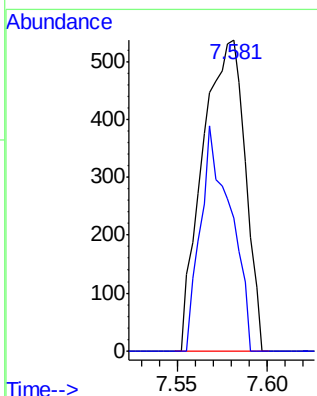
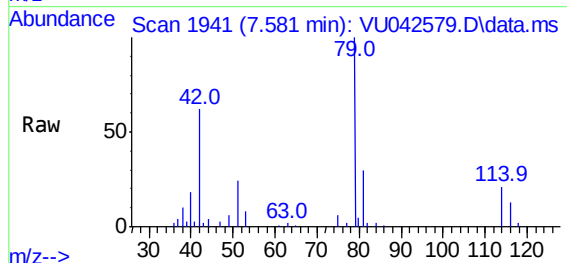




#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.581 min Scan# 1941
Delta R.T. -0.035 min
Lab File: VU042579.D
Acq: 11 Mar 2021 21:31

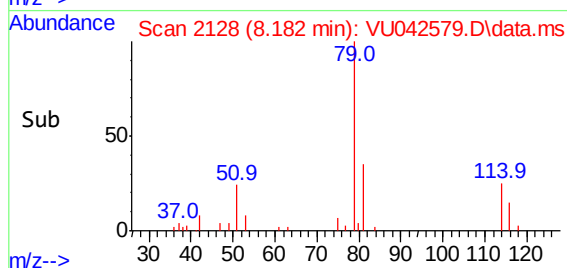
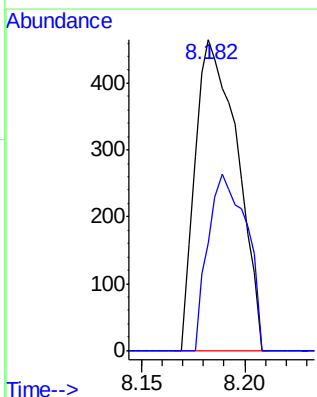
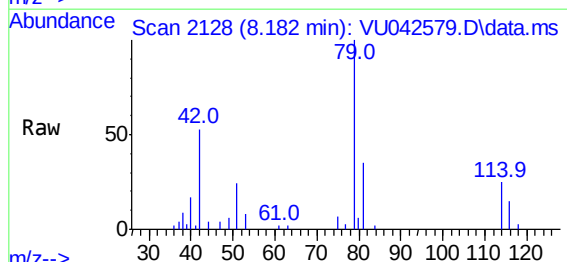
Instrument :
MSVOA_U
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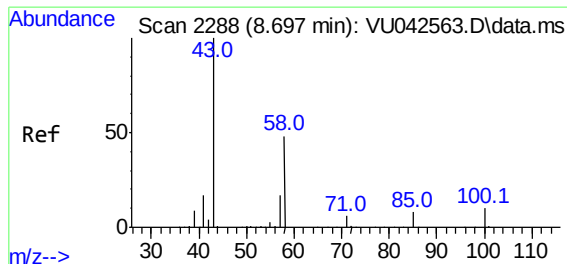
Tgt Ion: 75 Resp: 874
Ion Ratio Lower Upper
75 100
77 42.6 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.039 min
Lab File: VU042579.D
Acq: 11 Mar 2021 21:31

Tgt Ion: 75 Resp: 659
Ion Ratio Lower Upper
75 100
77 34.6 21.8 40.4

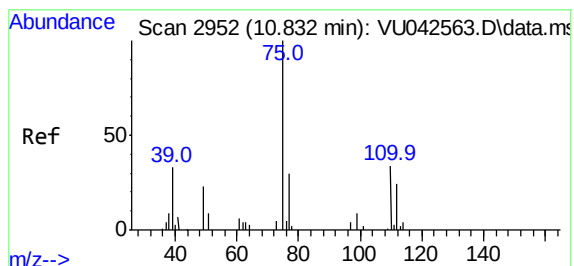
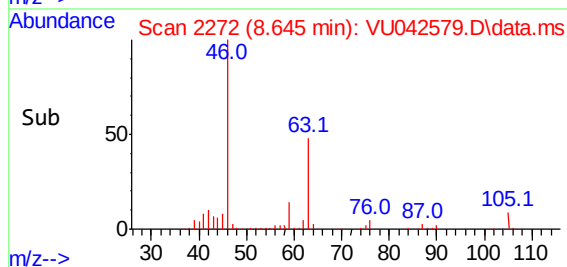
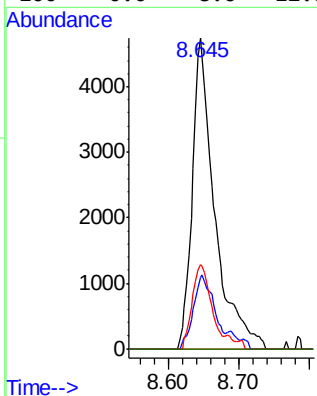
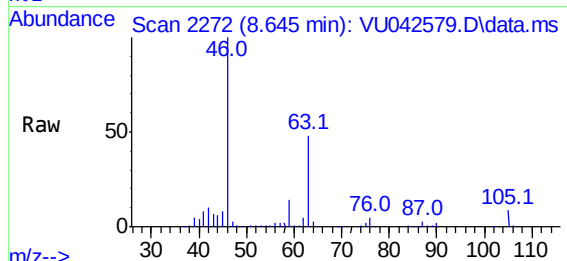




#48
2-Hexanone
Concen: 2.46 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042579.D
Acq: 11 Mar 2021 21:31

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Tgt Ion: 43 Resp: 10415
Ion Ratio Lower Upper
43 100
58 21.9 40.6 61.0#
57 24.6 14.9 22.3#
100 0.0 8.6 12.8#



#59
1,2,3-Trichloropropane
Concen: 0.93 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042579.D
Acq: 11 Mar 2021 21:31

Tgt Ion: 75 Resp: 4577
Ion Ratio Lower Upper
75 100
77 31.6 26.0 39.0

