

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030421\
 Data File : VU042477.D
 Acq On : 04 Mar 2021 11:34
 Operator : SY/MD
 Sample : VU0303WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK20

Quant Time: Mar 05 00:32:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 05 00:31:48 2021
 Response via : Initial Calibration

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

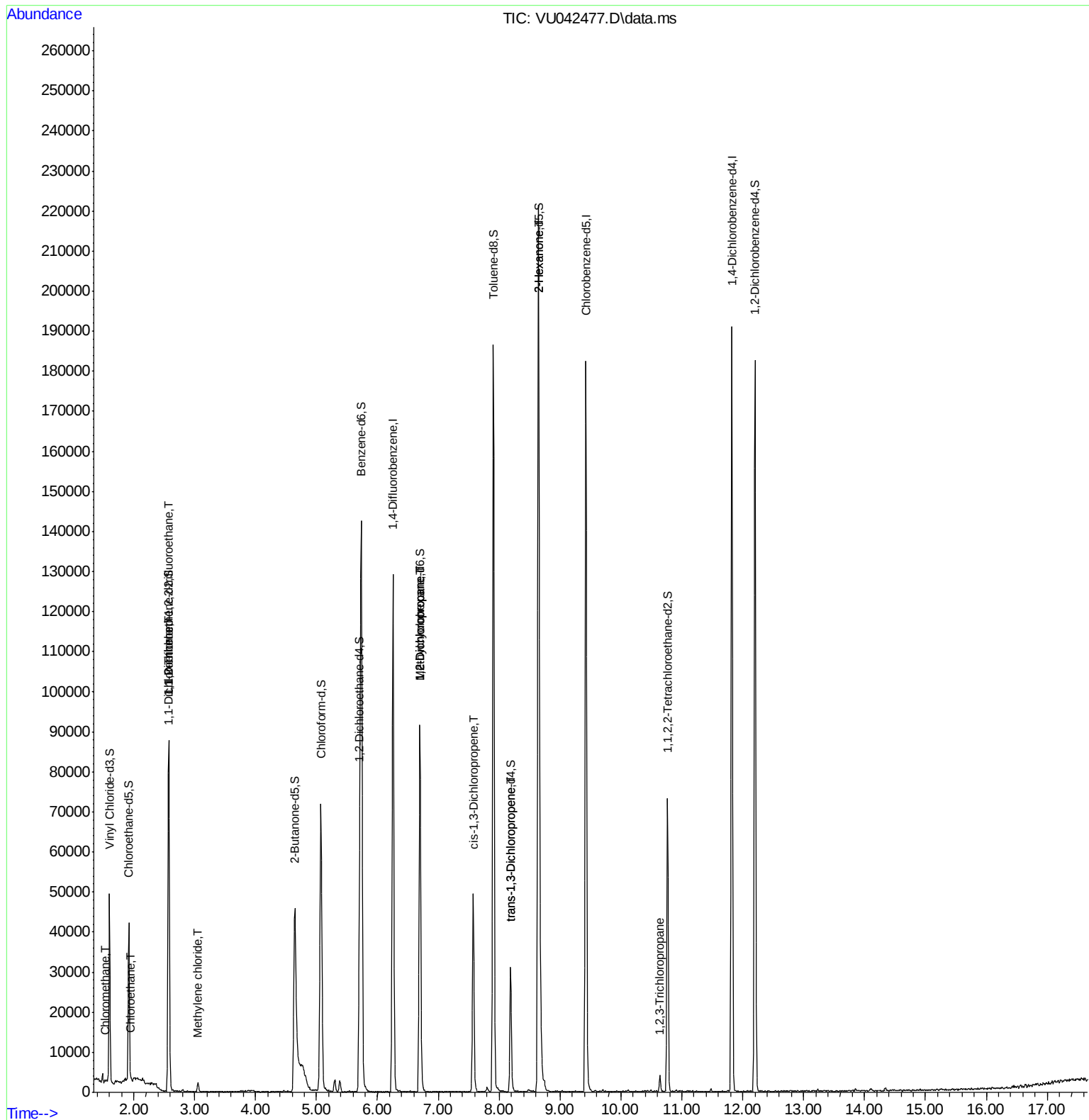
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	100938	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	96959	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	48389	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	32255	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.919	69	25802	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.571	63	53196	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.645	46	89716	40.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.22%
24) Chloroform-d	5.073	84	64281	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.710	65	43219	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.735	84	119648	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.700	67	39293	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.906	98	116916	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloroprop...	8.185	79	16724	4.67	ug/L	0.00
46) 2-Hexanone-d5	8.645	63	87239	50.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.70%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	33748	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	45433	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%
Target Compounds						
3) Chloromethane	1.523	50	393	0.04	ug/L #	78
8) Chloroethane	1.948	64	272	0.05	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	582	0.08	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	447	0.06	ug/L #	1
16) Methylene chloride	3.057	84	1069	0.13	ug/L	95
35) Methylcyclohexane	6.700	83	9090	0.71	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	5080	0.62	ug/L #	87
39) cis-1,3-Dichloropropene	7.574	75	1429	0.12	ug/L #	75
44) trans-1,3-Dichloropropene	8.185	75	841	0.08	ug/L	89
48) 2-Hexanone	8.645	43	11794	2.24	ug/L #	65
59) 1,2,3-Trichloropropane	10.632	75	689	0.11	ug/L #	42

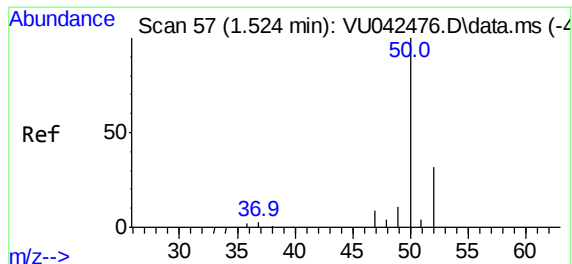
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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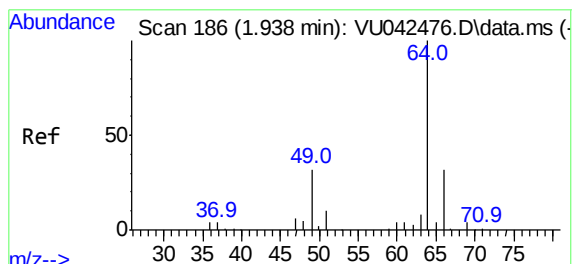
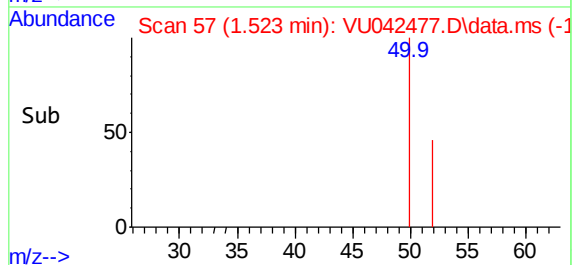
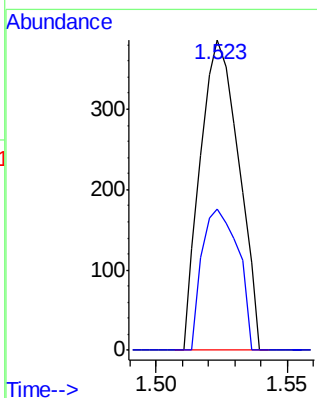
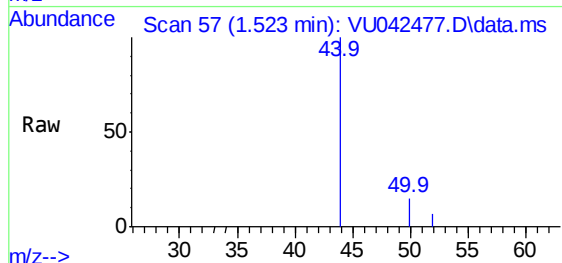




#3
Chloromethane
Concen: 0.04 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042477.D
Acq: 04 Mar 2021 11:34

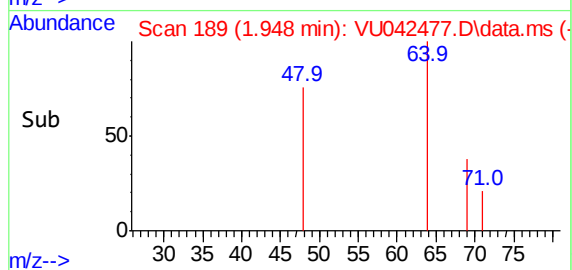
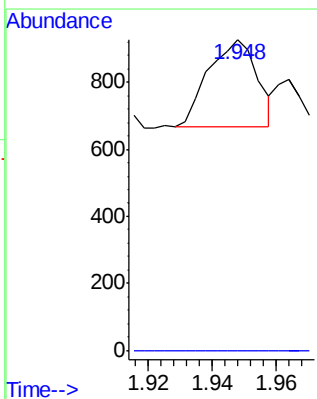
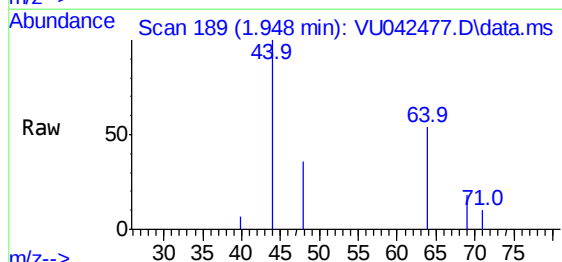
Instrument :
MSVOA_U
ClientSampleId :
VBLK20

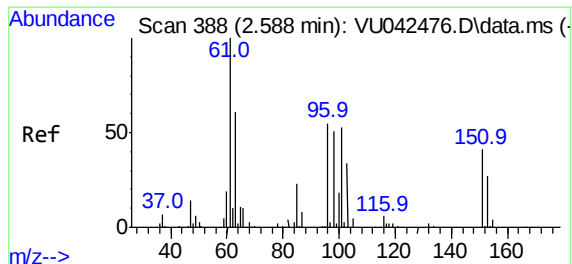
Tgt Ion: 50 Resp: 393
Ion Ratio Lower Upper
50 100
52 45.6 23.0 42.8#



#8
Chloroethane
Concen: 0.05 ug/L
RT: 1.948 min Scan# 189
Delta R.T. 0.009 min
Lab File: VU042477.D
Acq: 04 Mar 2021 11:34

Tgt Ion: 64 Resp: 272
Ion Ratio Lower Upper
64 100
66 0.0 22.2 41.2#

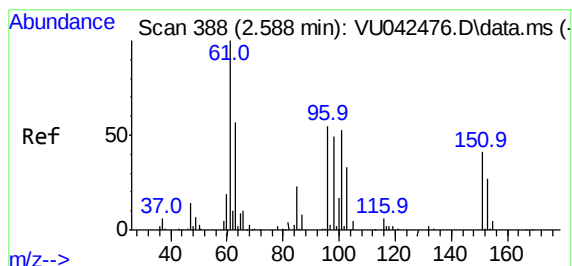
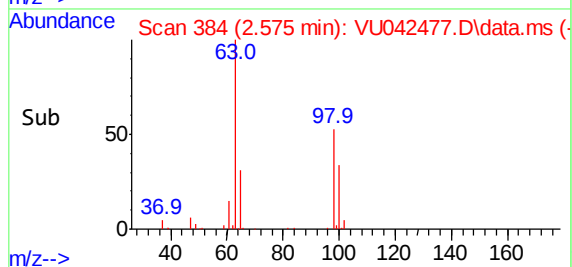
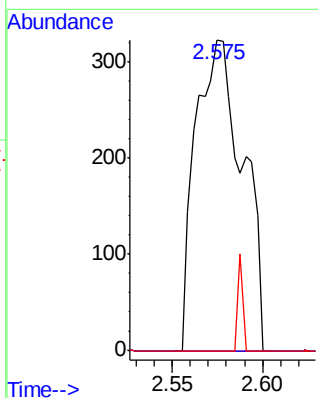
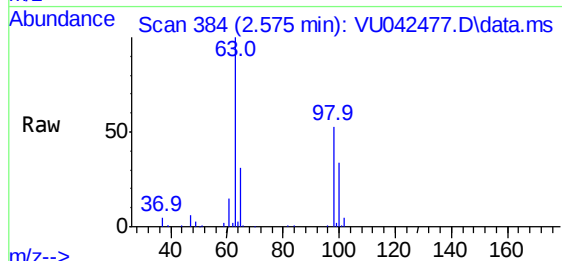




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.08 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU042477.D
 Acq: 04 Mar 2021 11:34

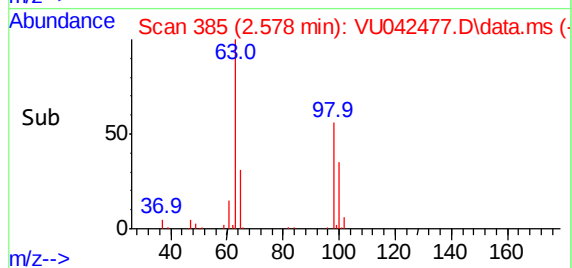
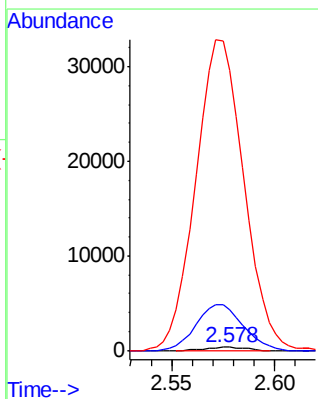
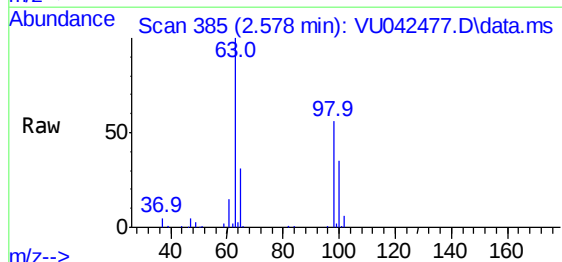
Instrument :
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 ClientSampleId :
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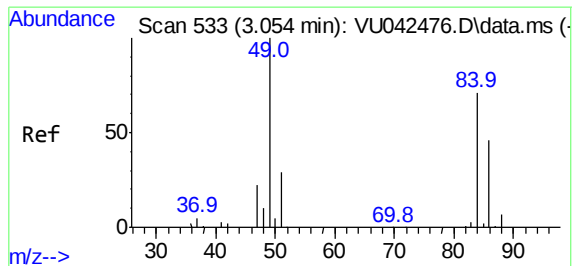
Tgt Ion:101 Resp: 582
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 3.3 62.7 94.1#



#12
 1,1-Dichloroethene
 Concen: 0.06 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU042477.D
 Acq: 04 Mar 2021 11:34

Tgt Ion: 96 Resp: 447
 Ion Ratio Lower Upper
 96 100
 61 1343.4 126.2 234.4#
 63 9242.5 77.8 144.4#

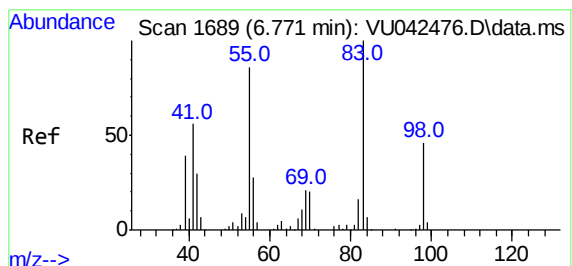
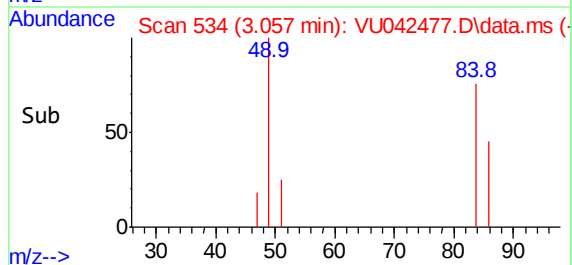
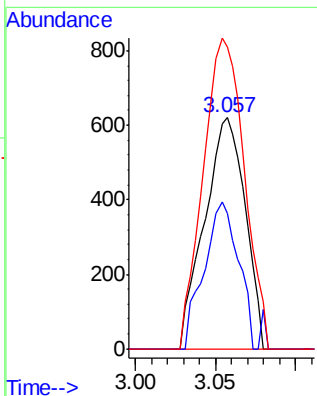
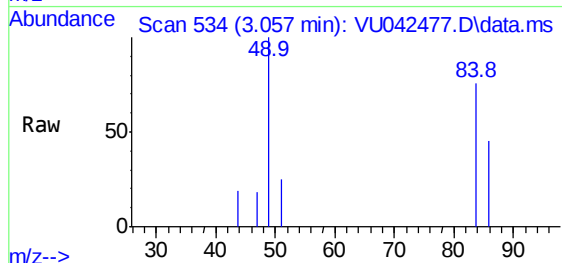




#16
Methylene chloride
Concen: 0.13 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU042477.D
Acq: 04 Mar 2021 11:34

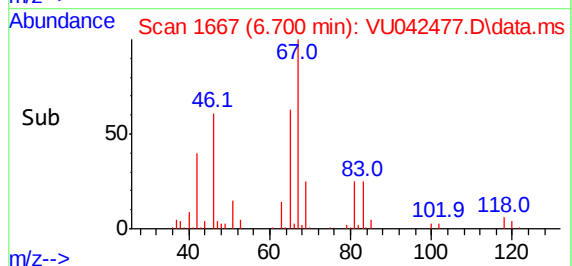
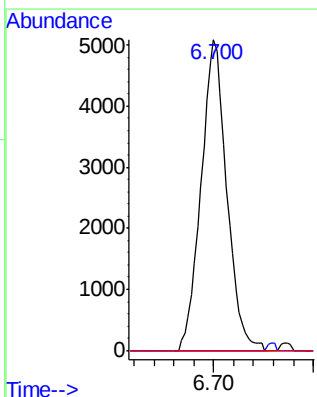
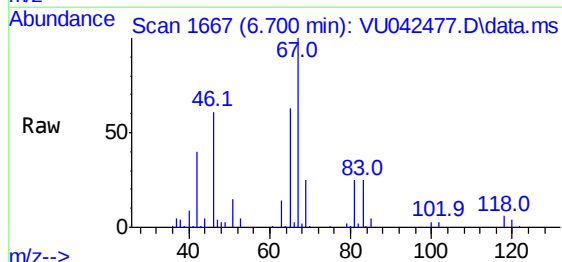
Instrument :
MSVOA_U
ClientSampled :
VBLK20

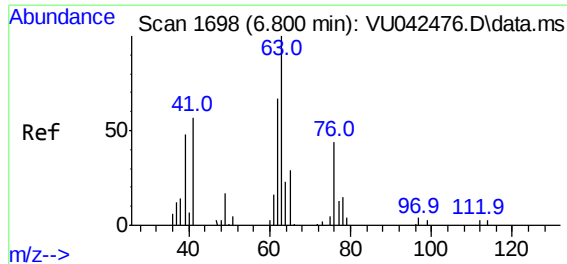
Tgt Ion: 84 Resp: 1069
Ion Ratio Lower Upper
84 100
86 58.4 44.1 81.9
49 130.8 95.0 176.4



#35
Methylcyclohexane
Concen: 0.71 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042477.D
Acq: 04 Mar 2021 11:34

Tgt Ion: 83 Resp: 9090
Ion Ratio Lower Upper
83 100
55 0.7 68.2 102.4#
98 0.0 39.7 59.5#

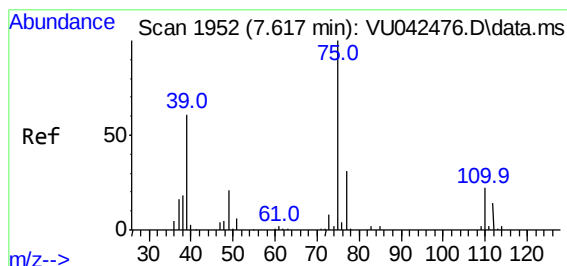
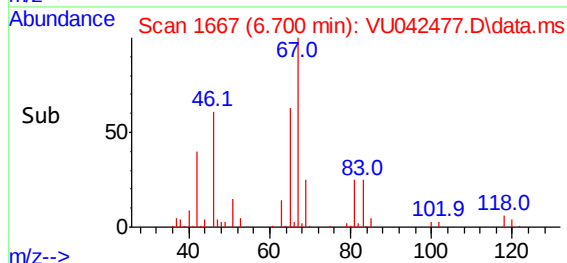
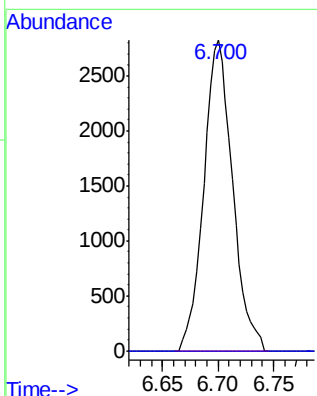
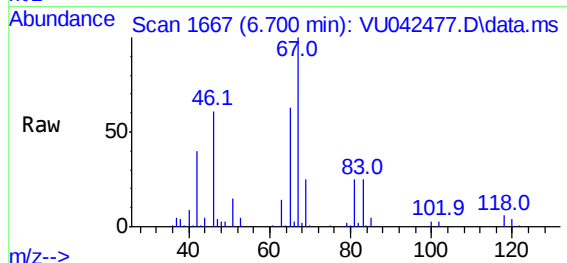




#37
1,2-Dichloropropane
Concen: 0.62 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042477.D
Acq: 04 Mar 2021 11:34

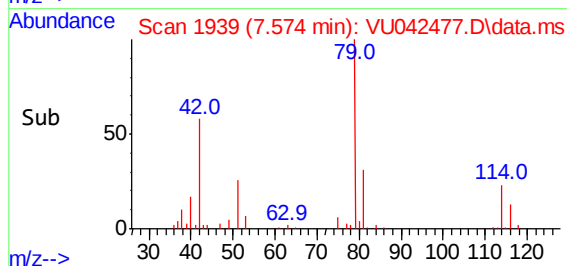
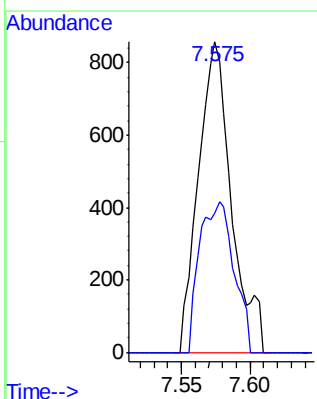
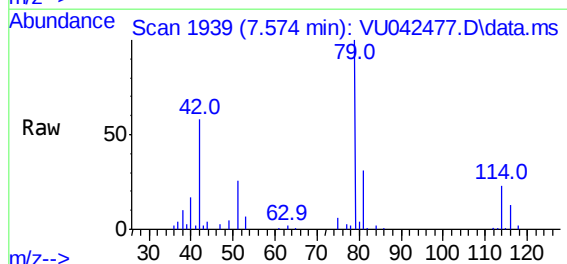
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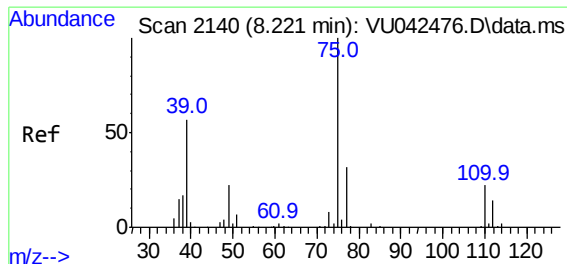
Tgt Ion: 63 Resp: 5080
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042477.D
Acq: 04 Mar 2021 11:34

Tgt Ion: 75 Resp: 1429
Ion Ratio Lower Upper
75 100
77 45.0 22.0 40.8#

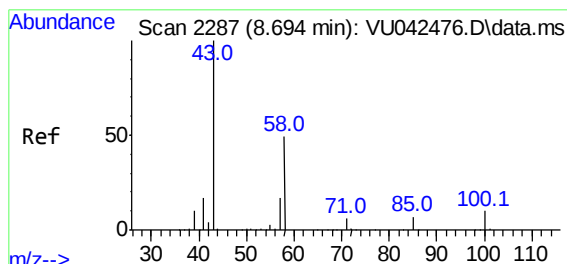
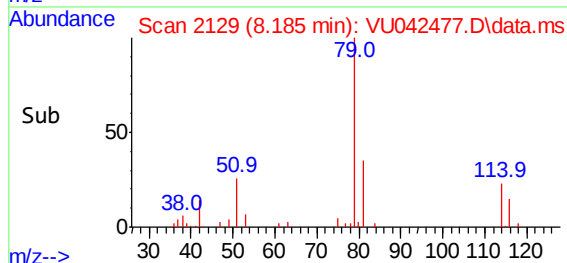
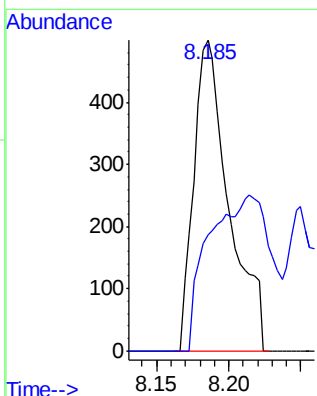
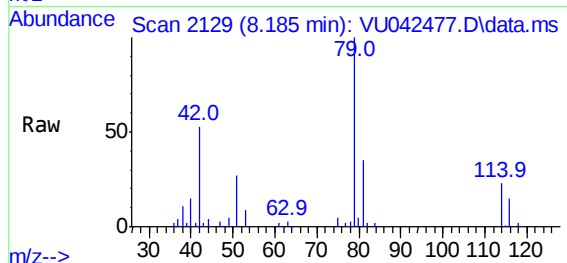




#44
trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.036 min
Lab File: VU042477.D
Acq: 04 Mar 2021 11:34

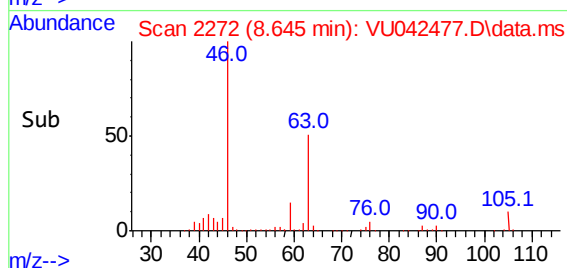
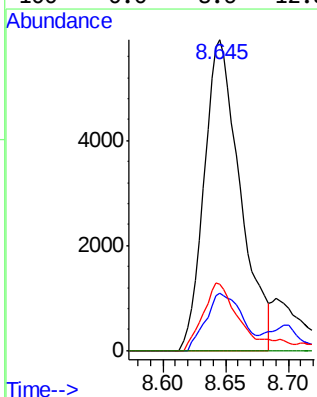
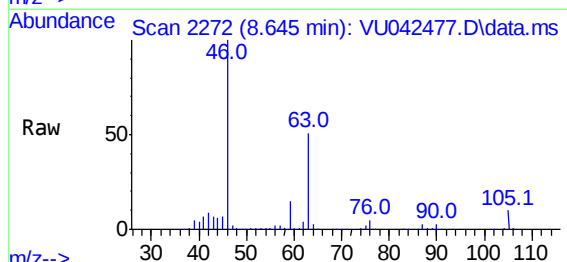
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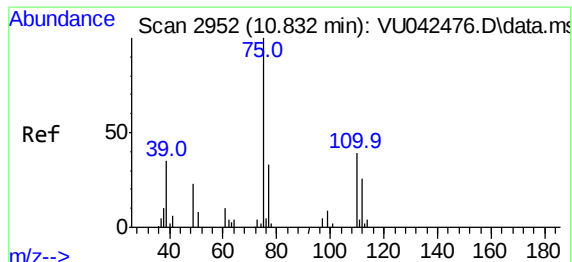
Tgt Ion: 75 Resp: 841
Ion Ratio Lower Upper
75 100
77 37.2 21.8 40.4



#48
2-Hexanone
Concen: 2.24 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.049 min
Lab File: VU042477.D
Acq: 04 Mar 2021 11:34

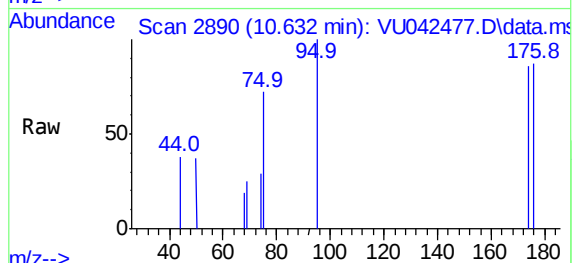
Tgt Ion: 43 Resp: 11794
Ion Ratio Lower Upper
43 100
58 18.3 40.6 61.0#
57 21.3 14.9 22.3
100 0.0 8.6 12.8#





#59
 1,2,3-Trichloropropane
 Concen: 0.11 ug/L
 RT: 10.632 min Scan# 2890
 Delta R.T. -0.200 min
 Lab File: VU042477.D
 Acq: 04 Mar 2021 11:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK20



Tgt Ion: 75 Resp: 689
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.0 39.0#

