

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
 Data File : VU041987.D
 Acq On : 13 Jan 2021 17:52
 Operator : SY/MD
 Sample : M1026-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Jan 14 17:02:21 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 14 17:00:00 2021
 Response via : Initial Calibration

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

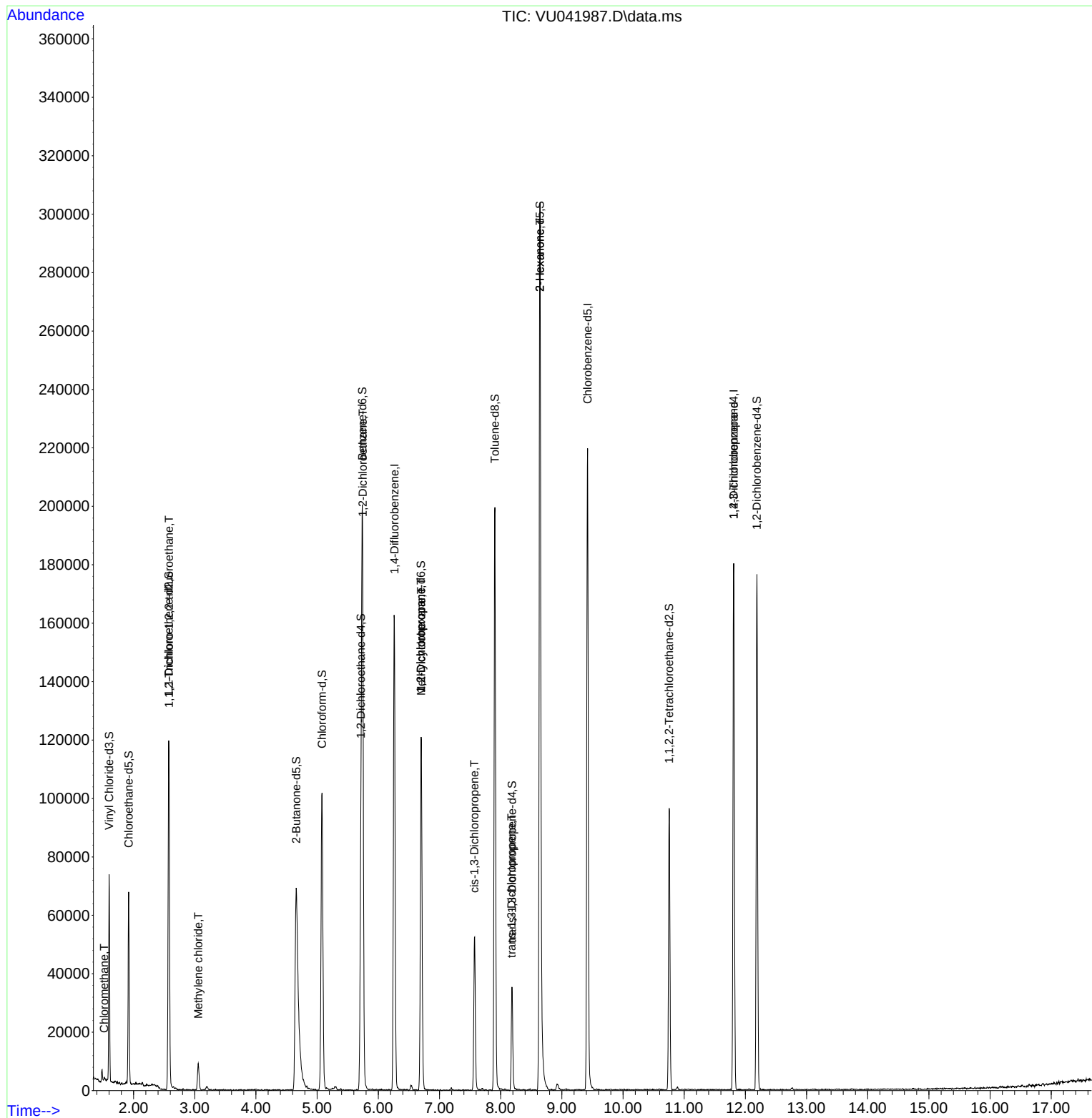
Internal Standards						
1) 1,4-Difluorobenzene	6.263	114	128955	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	122022	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	46798	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	47227	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.919	69	45820	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.575	63	72166	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	4.658	46	156858	48.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.06%
24) Chloroform-d	5.080	84	94529	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.716	65	53864	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.739	84	181859	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.700	67	58582	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.906	98	132084	3.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.80%
43) trans-1,3-Dichloroprop...	8.186	79	20376	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
46) 2-Hexanone-d5	8.642	63	119175	44.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.42%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	49284	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	12.189	152	45281	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	877	0.06	ug/L #	80
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	606	0.06	ug/L #	21
16) Methylene chloride	3.057	84	4842	0.41	ug/L	80
27) 1,2-Dichloroethane	5.745	62	953	0.07	ug/L #	75
35) Methylcyclohexane	6.703	83	13556	0.76	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	6083	0.52	ug/L #	90
39) cis-1,3-Dichloropropene	7.571	75	1298	0.07	ug/L #	55
44) trans-1,3-Dichloropropene	8.179	75	763	0.05	ug/L #	64
48) 2-Hexanone	8.642	43	14072	2.57	ug/L #	68
59) 1,2,3-Trichloropropane	11.809	75	6080	0.79	ug/L	95

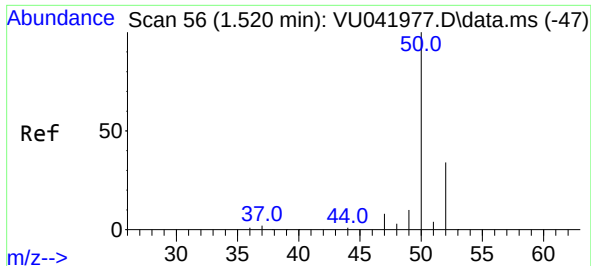
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jan 14 17:00:00 2021
Response via : Initial Calibration

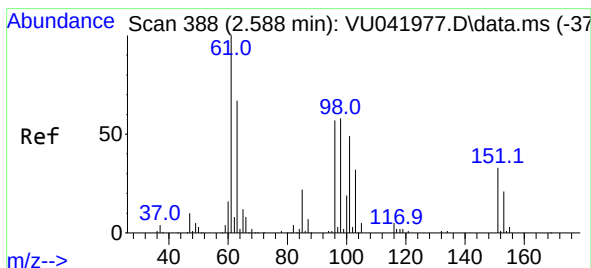
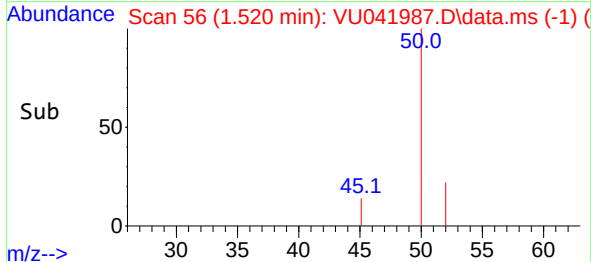
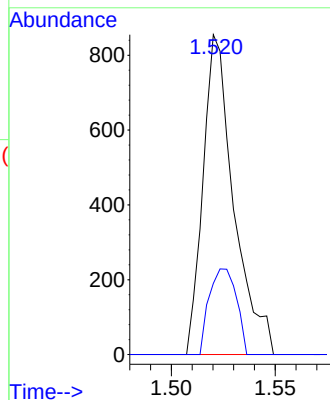
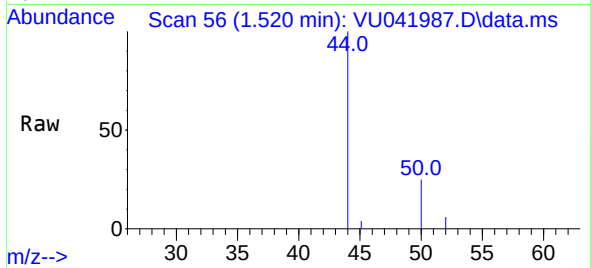




#3
Chloromethane
Concen: 0.06 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU041987.D
Acq: 13 Jan 2021 17:52

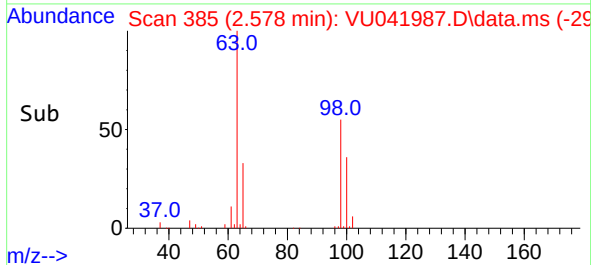
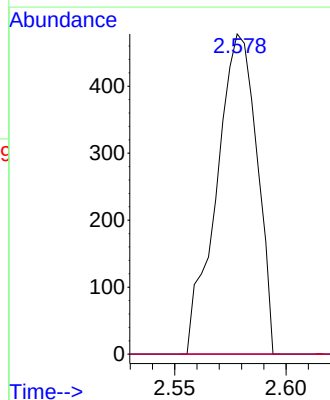
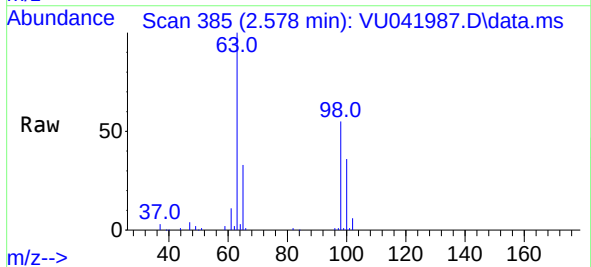
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

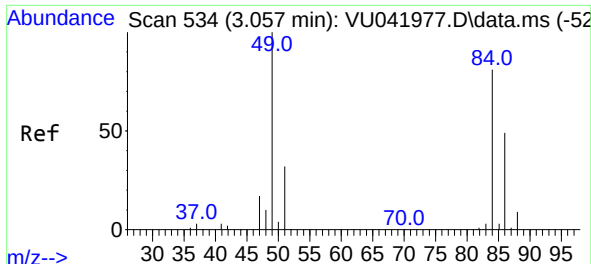
Tgt Ion: 50 Resp: 877
Ion Ratio Lower Upper
50 100
52 22.2 23.5 43.7#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.06 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU041987.D
Acq: 13 Jan 2021 17:52

Tgt Ion: 101 Resp: 606
Ion Ratio Lower Upper
101 100
85 0.0 35.9 53.9#
151 0.0 55.4 83.2#

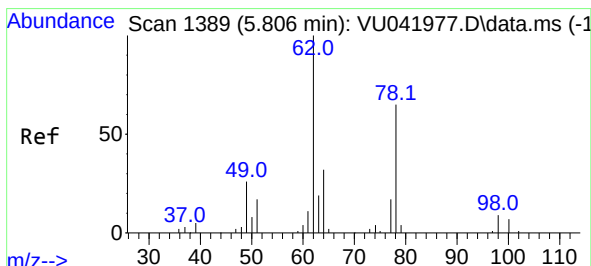
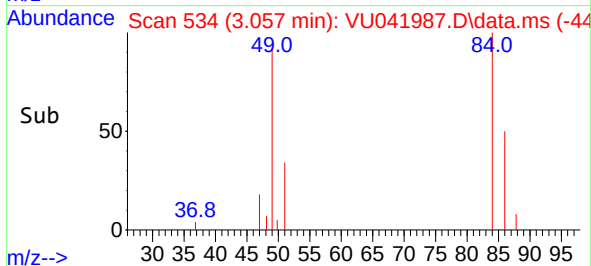
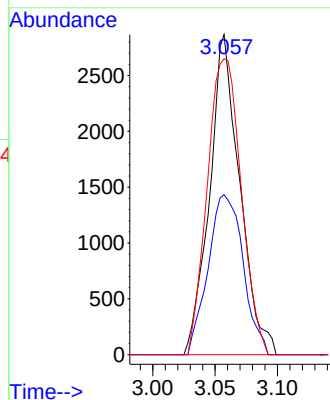
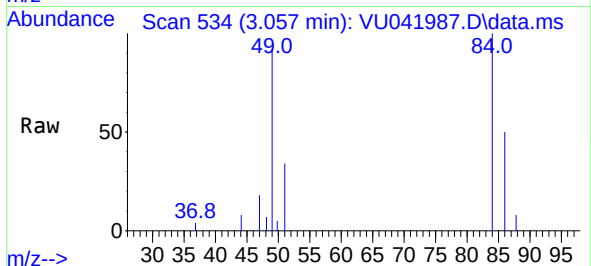




#16
Methylene chloride
Concen: 0.41 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.000 min
Lab File: VU041987.D
Acq: 13 Jan 2021 17:52

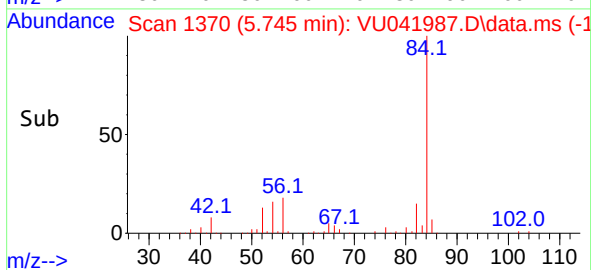
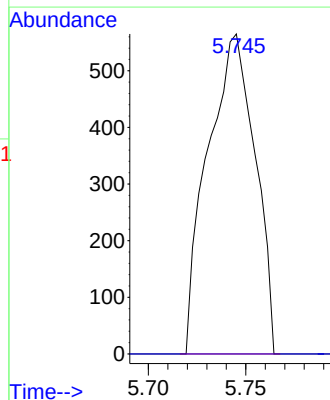
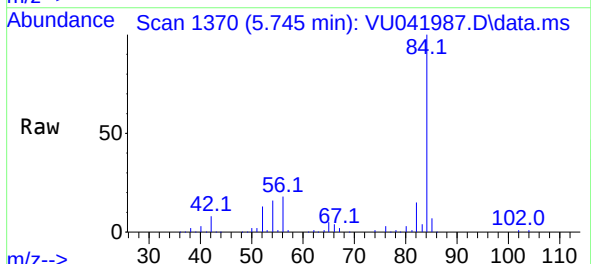
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

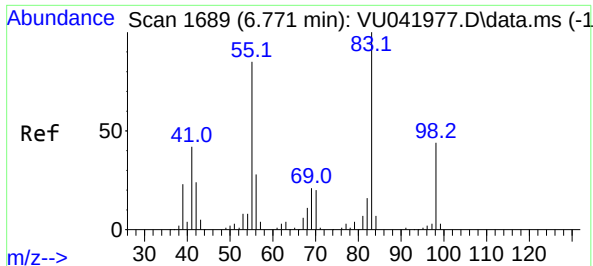
Tgt Ion: 84 Resp: 4842
Ion Ratio Lower Upper
84 100
86 50.0 42.6 79.0
49 97.3 86.2 160.0



#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.745 min Scan# 1370
Delta R.T. -0.061 min
Lab File: VU041987.D
Acq: 13 Jan 2021 17:52

Tgt Ion: 62 Resp: 953
Ion Ratio Lower Upper
62 100
98 0.0 7.1 10.7#





#35

Methylcyclohexane

Concen: 0.76 ug/L

RT: 6.703 min Scan# 1668

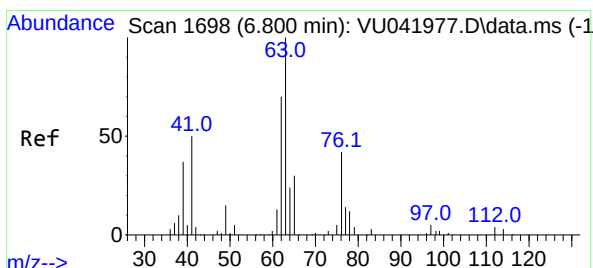
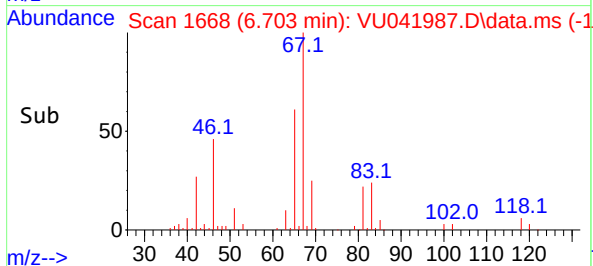
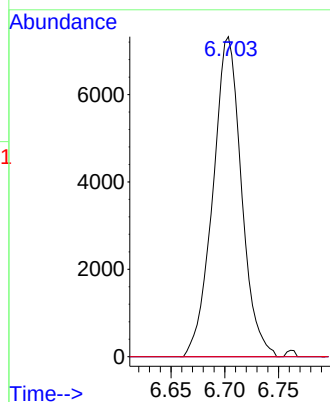
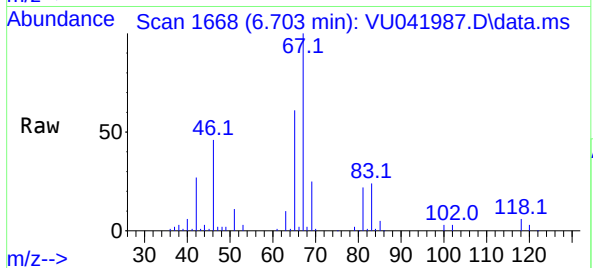
Delta R.T. -0.068 min

Lab File: VU041987.D

Acq: 13 Jan 2021 17:52

Tgt Ion:	83	Resp:	13556
Ion Ratio	Lower	Upper	
83	100		
55	0.0	66.8	100.2#
98	1.6	35.7	53.5#

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01



#37

1,2-Dichloropropane

Concen: 0.52 ug/L

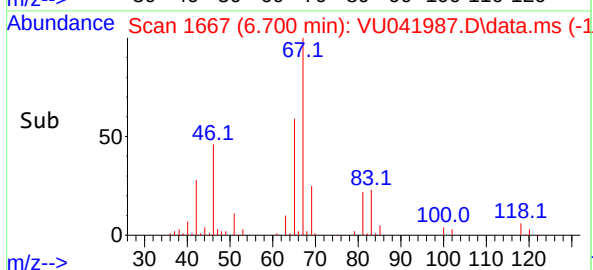
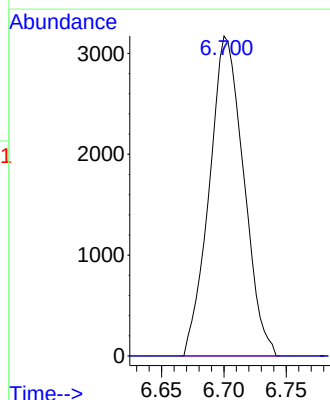
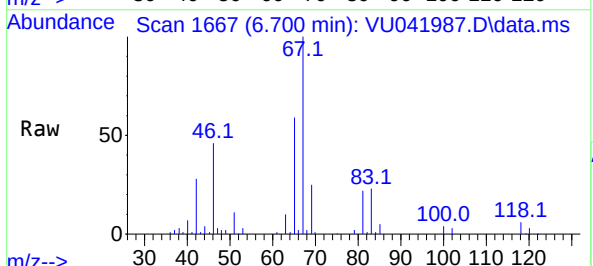
RT: 6.700 min Scan# 1667

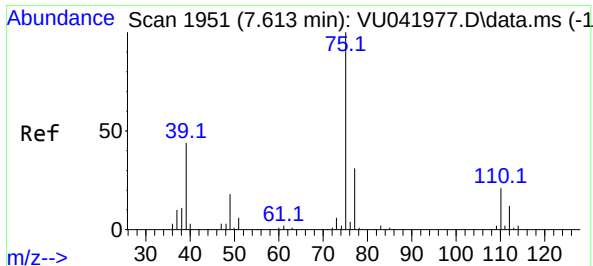
Delta R.T. -0.100 min

Lab File: VU041987.D

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Tgt Ion:	63	Resp:	6083
Ion Ratio	Lower	Upper	
63	100		
112	0.0	2.7	4.1#



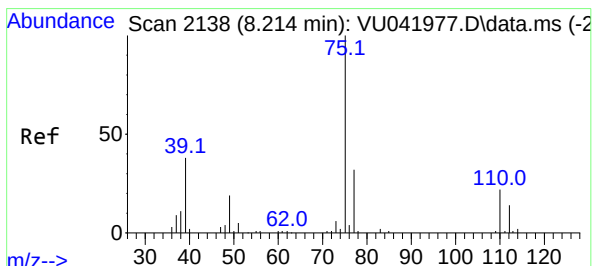
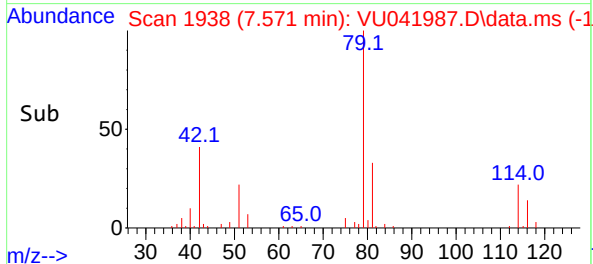
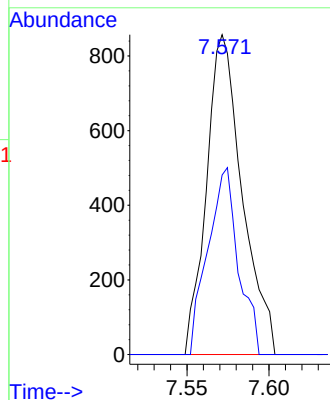
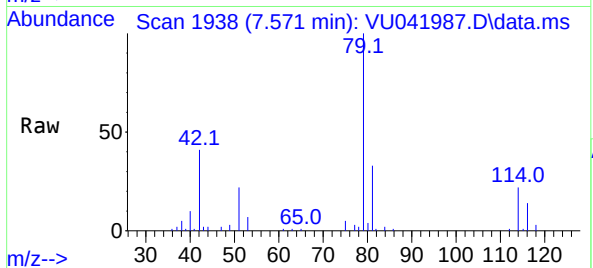


#39

cis-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU041987.D
Acq: 13 Jan 2021 17:52

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

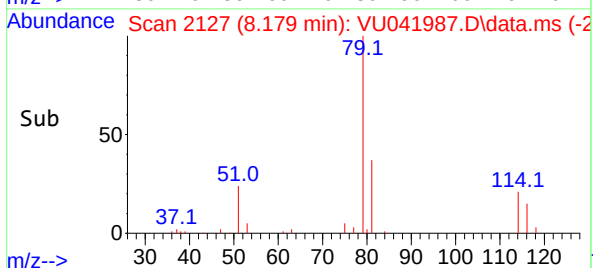
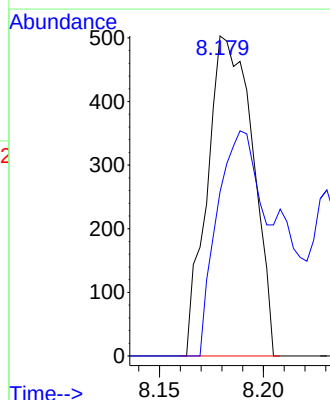
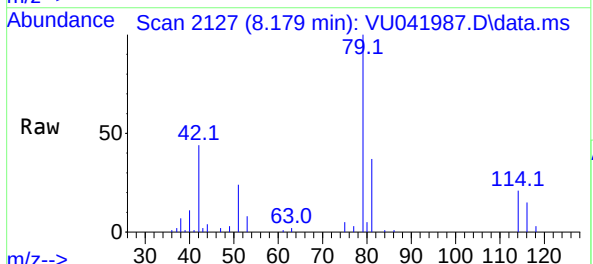
Tgt Ion: 75 Resp: 1298
Ion Ratio Lower Upper
75 100
77 56.1 21.9 40.7#

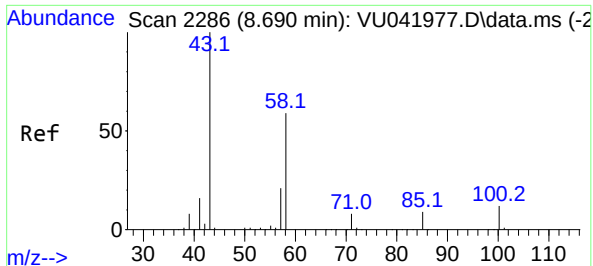


#44

trans-1,3-Dichloropropene
Concen: 0.05 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.035 min
Lab File: VU041987.D
Acq: 13 Jan 2021 17:52

Tgt Ion: 75 Resp: 763
Ion Ratio Lower Upper
75 100
77 51.3 22.0 41.0#

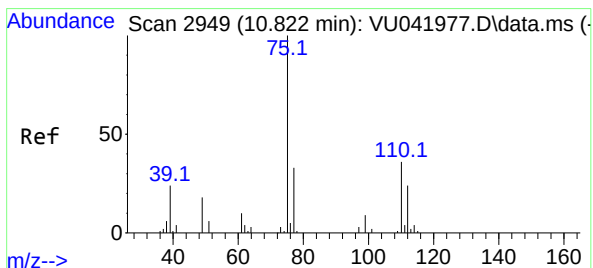
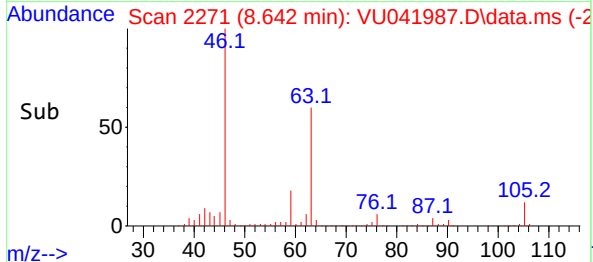
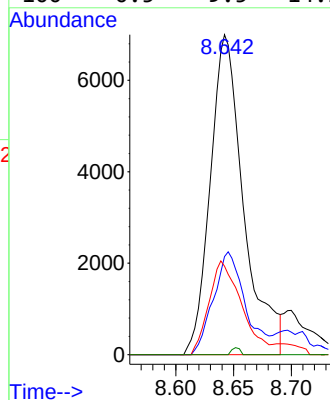
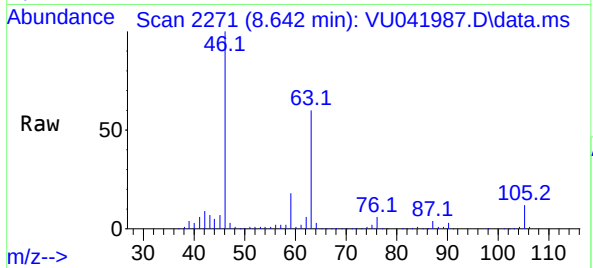




#48
2-Hexanone
Concen: 2.57 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.048 min
Lab File: VU041987.D
Acq: 13 Jan 2021 17:52

Instrument :
MSVOA_U
ClientSampled :
VHBLK01

Tgt Ion: 43	Resp: 14072
Ion Ratio	Lower Upper
43	100
58	30.7 47.8 71.8#
57	28.7 17.4 26.0#
100	0.5 9.5 14.3#



#59
1,2,3-Trichloropropane
Concen: 0.79 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU041987.D
Acq: 13 Jan 2021 17:52

Tgt Ion: 75	Resp: 6080
Ion Ratio	Lower Upper
75	100
77	29.1 25.6 38.4

