

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040121\
 Data File : VU042880.D
 Acq On : 01 Apr 2021 17:13
 Operator : SY/MD
 Sample : M1882-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BL7

Quant Time: Apr 02 05:18:09 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)

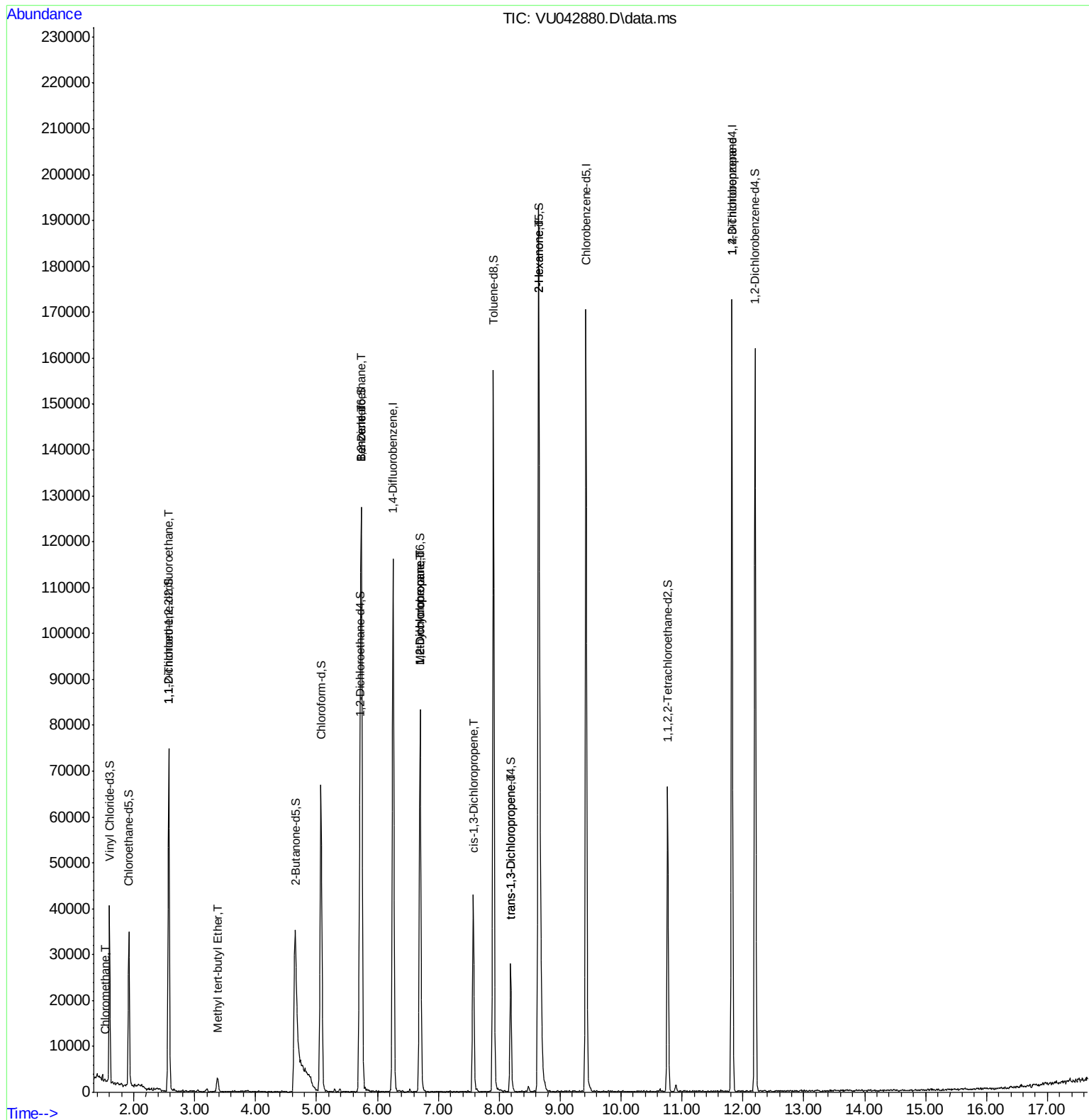
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	88084	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	87001	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	42525	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	26382	4.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.20%
7) Chloroethane-d5	1.919	69	22505	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.575	63	45440	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.652	46	76159	34.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.68%
24) Chloroform-d	5.073	84	57982	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.713	65	38135	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.735	84	103614	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.700	67	35586	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.906	98	97253	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloroprop...	8.189	79	14581	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.645	63	78433	46.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.58%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	30497	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	40164	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%
Target Compounds						
3) Chloromethane	1.523	50	390	0.06	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	404	0.07	ug/L #	18
17) Methyl tert-butyl Ether	3.375	73	3439	0.21	ug/L #	63
27) 1,2-Dichloroethane	5.735	62	665	0.07	ug/L #	75
33) Benzene	5.735	78	951	0.04	ug/L	100
35) Methylcyclohexane	6.700	83	8269	0.81	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	4478	0.65	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1228	0.12	ug/L #	51
44) trans-1,3-Dichloropropene	8.189	75	723	0.08	ug/L #	63
48) 2-Hexanone	8.648	43	12719	2.87	ug/L #	67
59) 1,2,3-Trichloropropane	11.819	75	5333	1.09	ug/L #	82

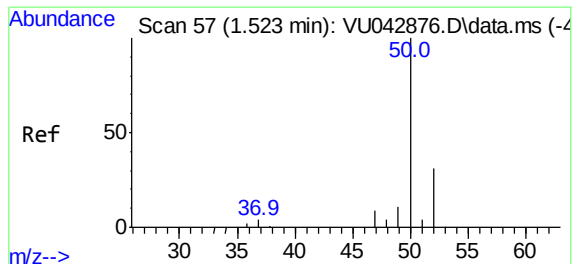
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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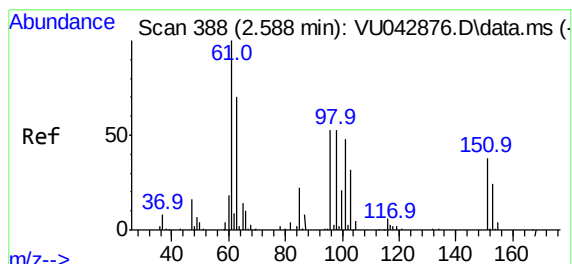
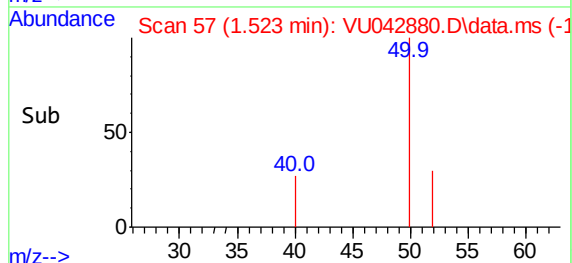
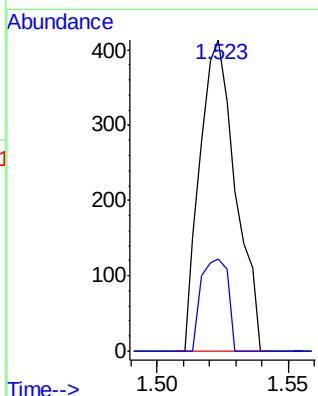
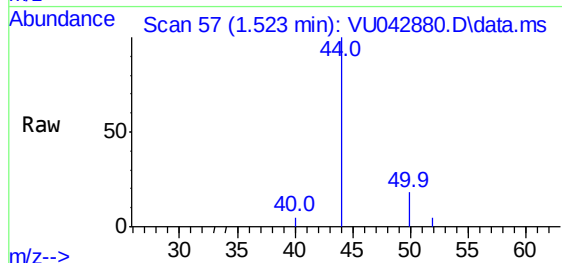




#3
Chloromethane
Concen: 0.06 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042880.D
Acq: 01 Apr 2021 17:13

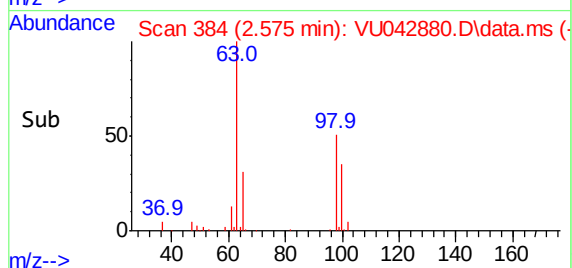
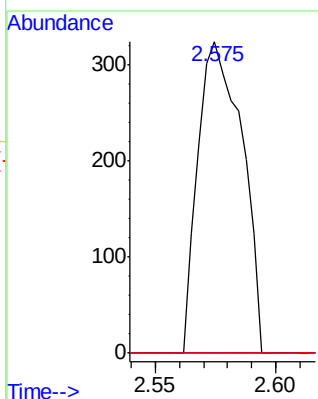
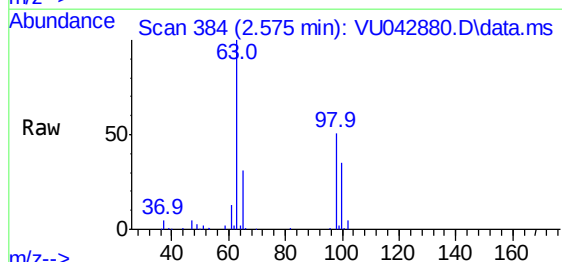
Instrument :
MSVOA_U
ClientSampleId :
C0BL7

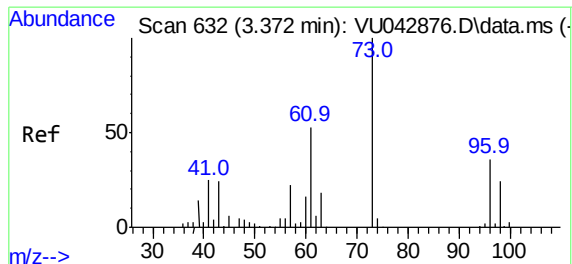
Tgt Ion: 50 Resp: 390
Ion Ratio Lower Upper
50 100
52 29.5 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.07 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU042880.D
Acq: 01 Apr 2021 17:13

Tgt Ion:101 Resp: 404
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

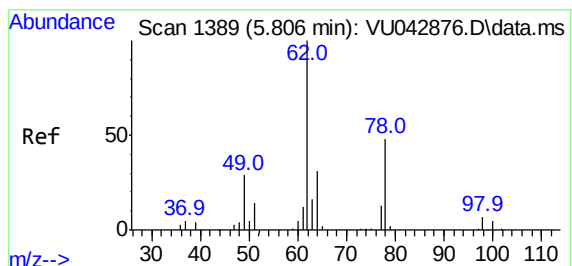
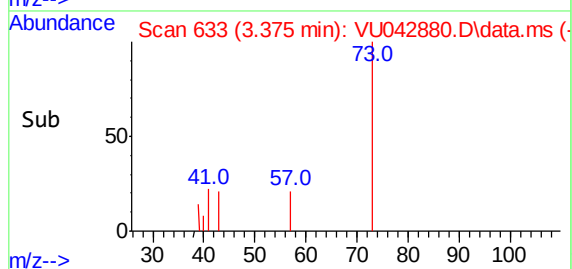
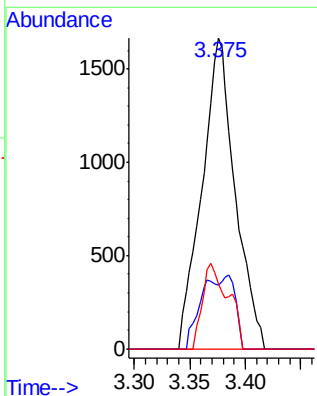
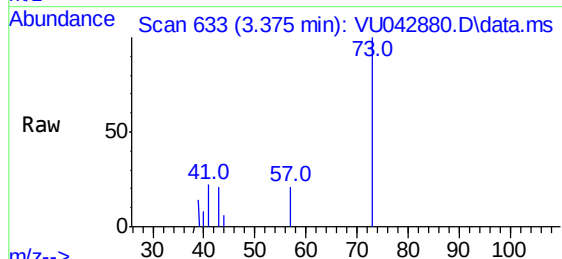




#17
Methyl tert-butyl Ether
Concen: 0.21 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU042880.D
Acq: 01 Apr 2021 17:13

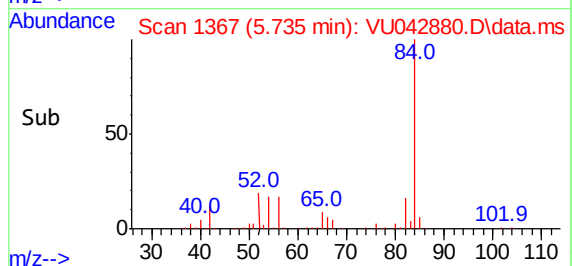
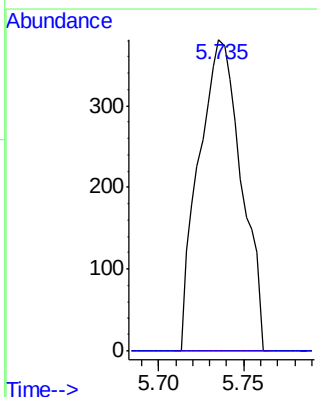
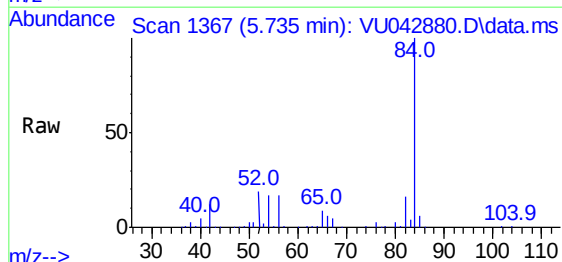
Instrument :
MSVOA_U
ClientSampled :
C0BL7

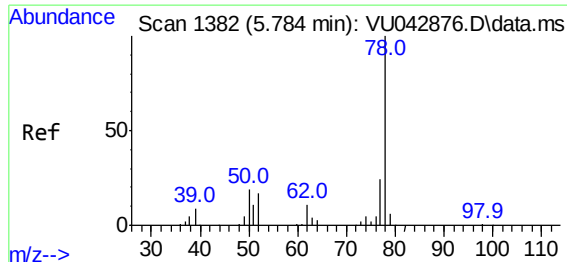
Tgt Ion: 73 Resp: 3439
Ion Ratio Lower Upper
73 100
43 10.5 18.9 28.3#
57 0.0 18.2 27.4#



#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.071 min
Lab File: VU042880.D
Acq: 01 Apr 2021 17:13

Tgt Ion: 62 Resp: 665
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

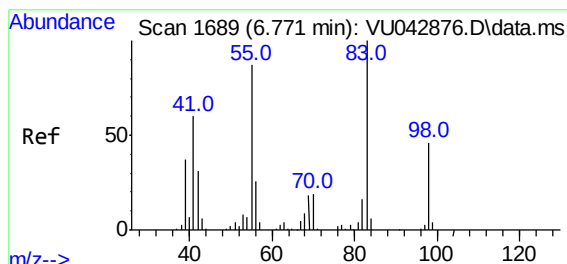
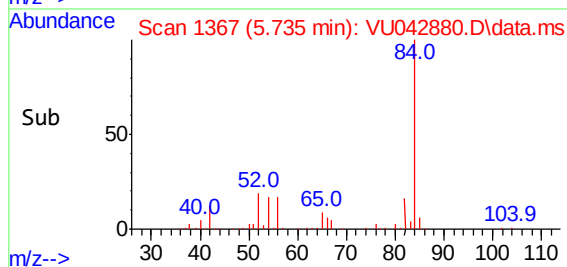
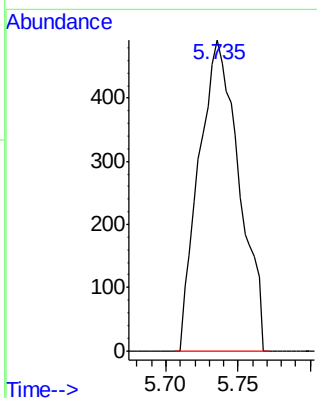
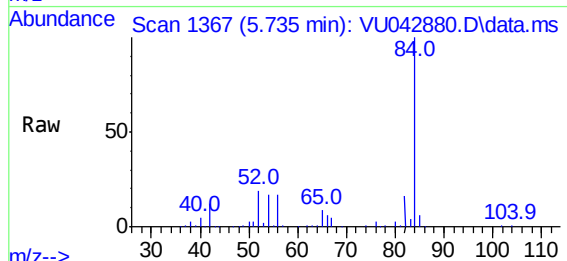




#33
Benzene
Concen: 0.04 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.048 min
Lab File: VU042880.D
Acq: 01 Apr 2021 17:13

Instrument :
MSVOA_U
ClientSampleId :
C0BL7

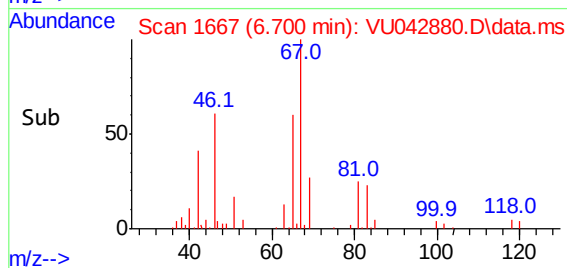
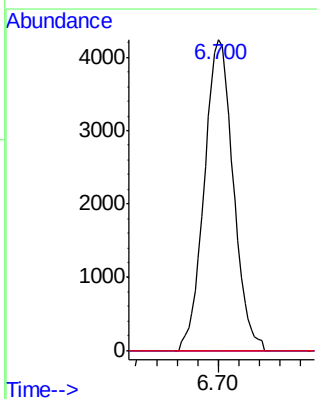
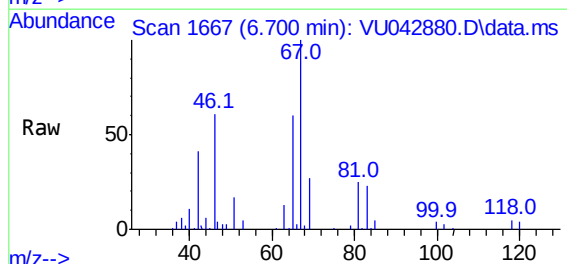
Tgt Ion: 78 Resp: 951

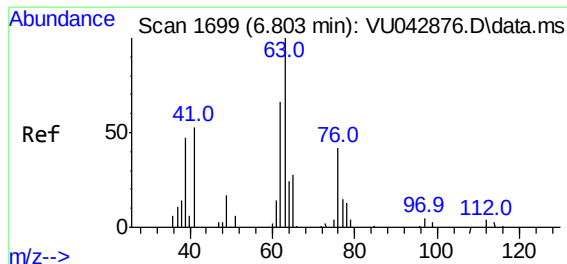


#35
Methylcyclohexane
Concen: 0.81 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042880.D
Acq: 01 Apr 2021 17:13

Tgt Ion: 83 Resp: 8269

Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	0.6	39.7	59.5#

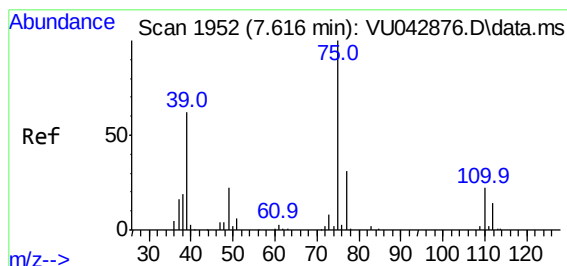
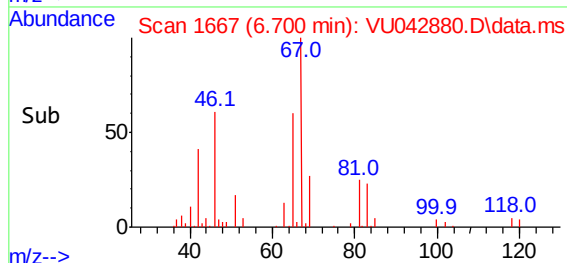
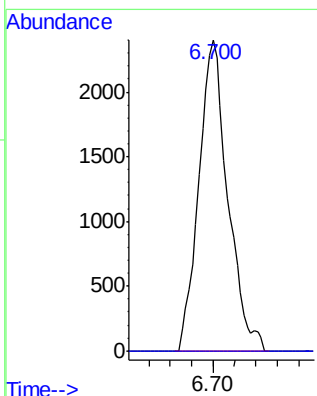
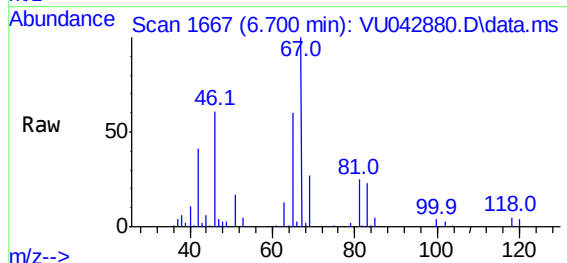




#37
1,2-Dichloropropane
Concen: 0.65 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.103 min
Lab File: VU042880.D
Acq: 01 Apr 2021 17:13

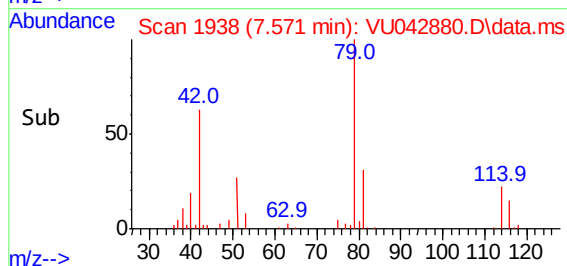
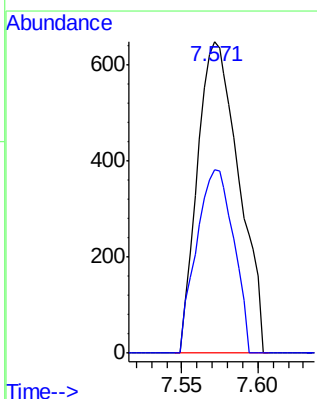
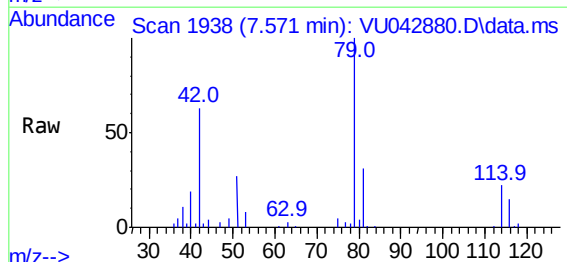
Instrument :
MSVOA_U
ClientSampleId :
C0BL7

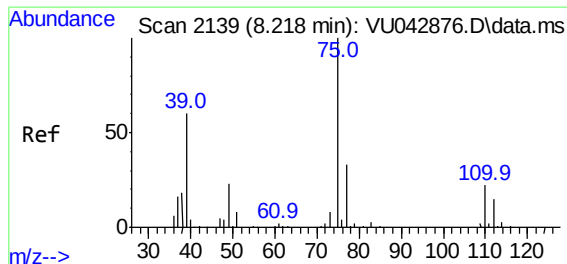
Tgt Ion: 63 Resp: 4478
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042880.D
Acq: 01 Apr 2021 17:13

Tgt Ion: 75 Resp: 1228
Ion Ratio Lower Upper
75 100
77 58.7 22.0 40.8#



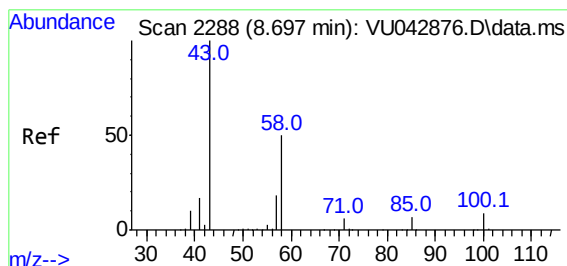
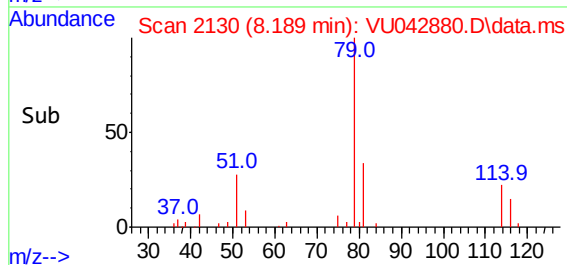
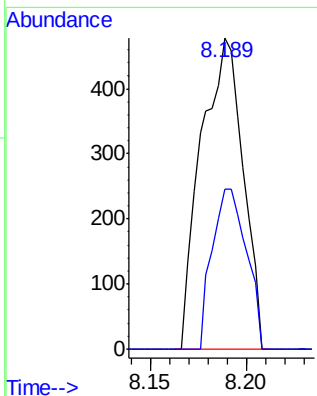
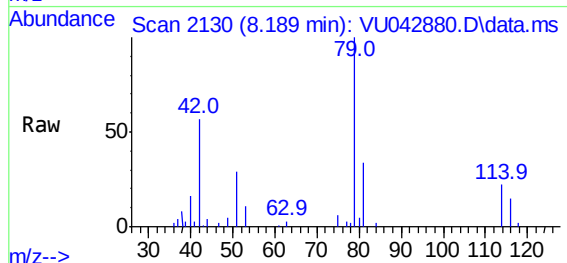


#44

trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042880.D
Acq: 01 Apr 2021 17:13

Instrument :
MSVOA_U
ClientSampleId :
C0BL7

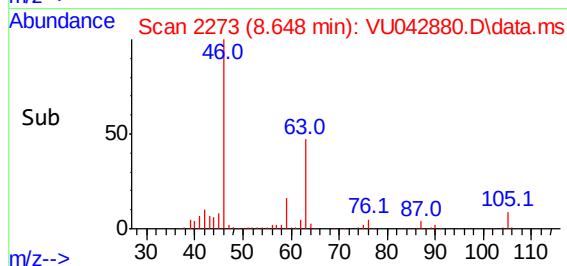
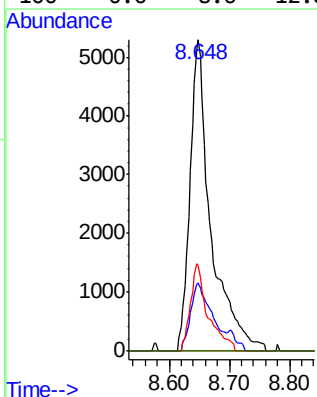
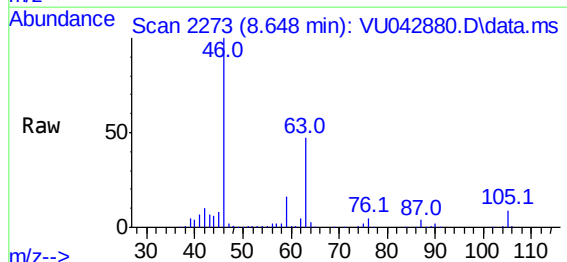
Tgt Ion: 75 Resp: 723
Ion Ratio Lower Upper
75 100
77 51.3 21.8 40.4#

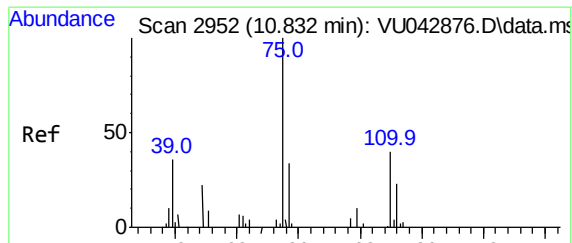


#48

2-Hexanone
Concen: 2.87 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU042880.D
Acq: 01 Apr 2021 17:13

Tgt Ion: 43 Resp: 12719
Ion Ratio Lower Upper
43 100
58 21.8 40.6 61.0#
57 23.4 14.9 22.3#
100 0.0 8.6 12.8#





#59
 1,2,3-Trichloropropane
 Concen: 1.09 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042880.D
 Acq: 01 Apr 2021 17:13

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BL7

Tgt Ion: 75 Resp: 5333
 Ion Ratio Lower Upper
 75 100
 77 42.9 26.0 39.0#

