

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030521\
 Data File : VU042497.D
 Acq On : 05 Mar 2021 10:52
 Operator : SY/MD
 Sample : VU0305WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 05 13:46:18 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)

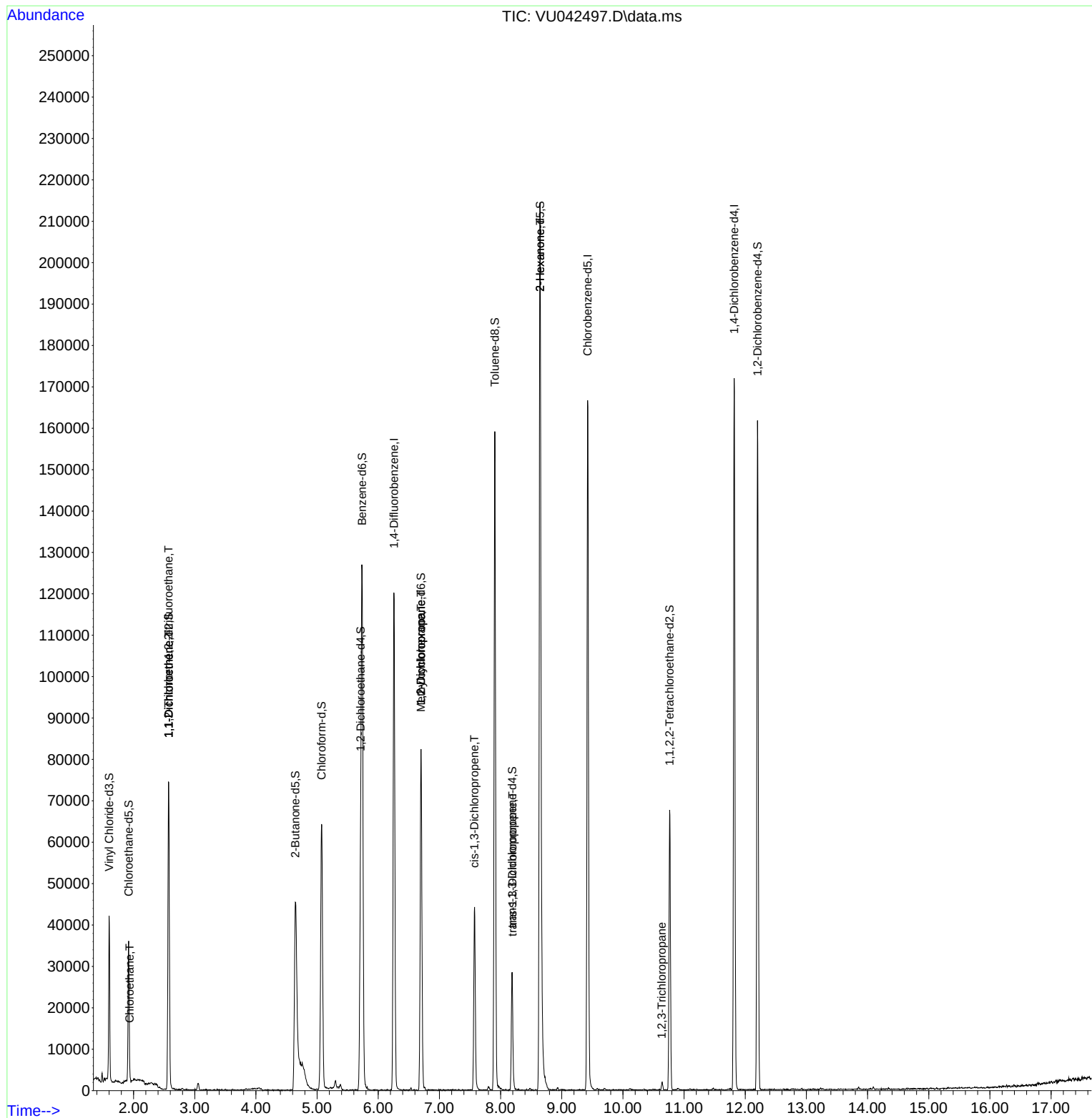
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	93212	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	87893	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	43785	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	27121	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.919	69	22737	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.575	63	45860	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.645	46	93849	46.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.00%
24) Chloroform-d	5.073	84	58124	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.713	65	38456	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.735	84	105727	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.700	67	34958	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.906	98	98441	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloroprop...	8.189	79	15043	4.63	ug/L	0.00
46) 2-Hexanone-d5	8.645	63	79904	51.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.76%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	31761	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	40343	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%
Target Compounds						Qvalue
8) Chloroethane	1.938	64	395	0.08	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	378	0.05	ug/L #	18
12) 1,1-Dichloroethene	2.575	96	404	0.06	ug/L #	1
35) Methylcyclohexane	6.697	83	8327	0.72	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	4360	0.59	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1235	0.11	ug/L	84
44) trans-1,3-Dichloropropene	8.192	75	807	0.08	ug/L #	71
48) 2-Hexanone	8.645	43	11116	2.33	ug/L #	69
59) 1,2,3-Trichloropropane	10.635	75	410	0.07	ug/L #	42

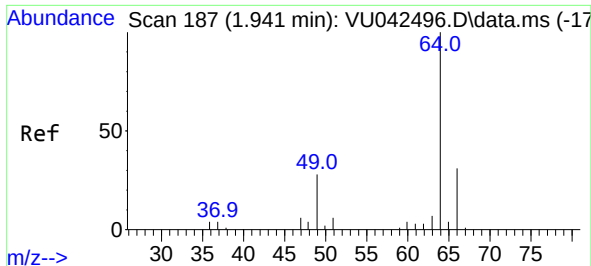
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.08 ug/L

RT: 1.938 min Scan# 186

Delta R.T. -0.000 min

Lab File: VU042497.D

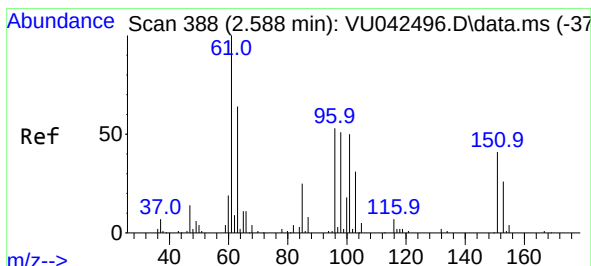
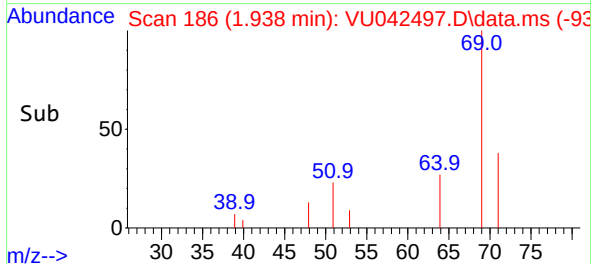
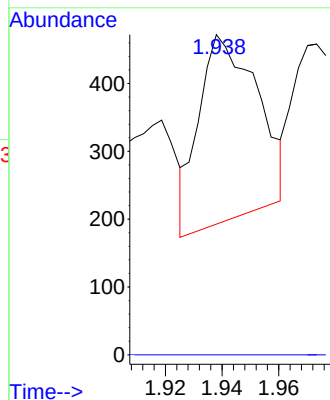
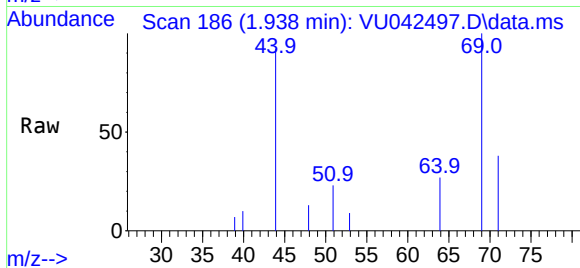
Acq: 05 Mar 2021 10:52

Tgt Ion: 64 Resp: 395

Ion Ratio Lower Upper

64 100

66 0.0 22.2 41.2#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.05 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.017 min

Lab File: VU042497.D

Acq: 05 Mar 2021 10:52

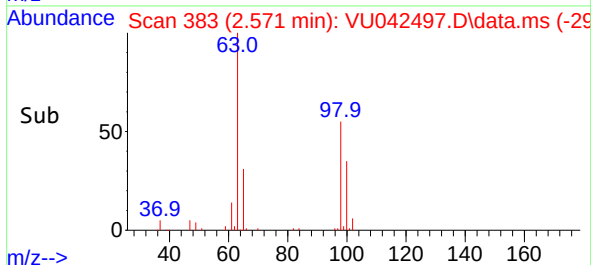
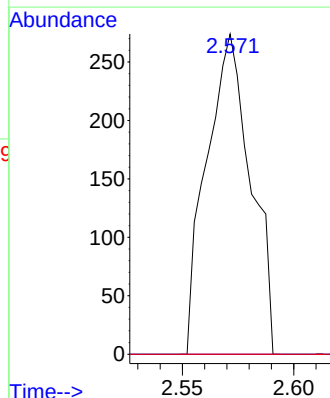
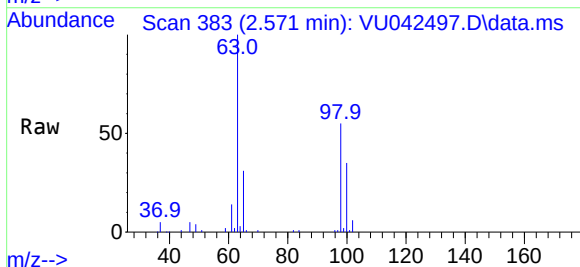
Tgt Ion:101 Resp: 378

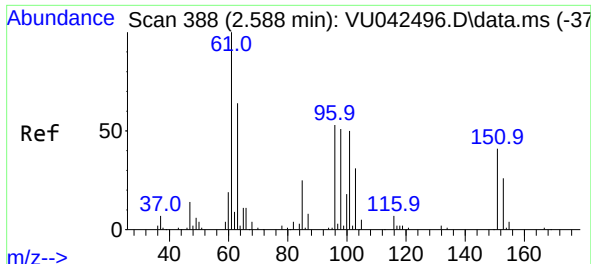
Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

151 0.0 62.7 94.1#





#12

1,1-Dichloroethene

Concen: 0.06 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.013 min

Lab File: VU042497.D

Acq: 05 Mar 2021 10:52

Tgt Ion: 96 Resp: 404

Ion Ratio Lower Upper

96 100

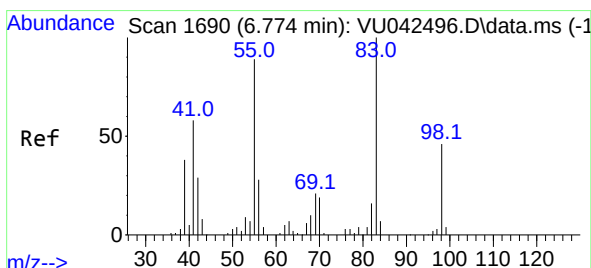
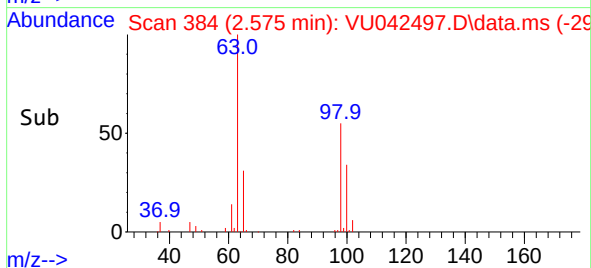
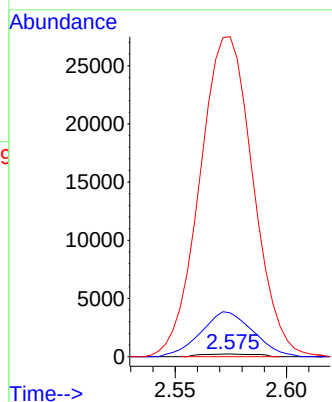
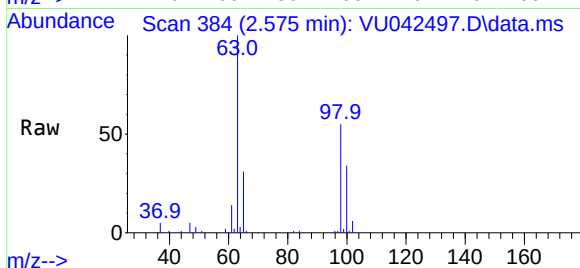
61 1616.7 126.2 234.4#

63 11800.9 77.8 144.4#

Instrument :

MSVOA_U

ClientSampled :



#35

Methylcyclohexane

Concen: 0.72 ug/L

RT: 6.697 min Scan# 1666

Delta R.T. -0.074 min

Lab File: VU042497.D

Acq: 05 Mar 2021 10:52

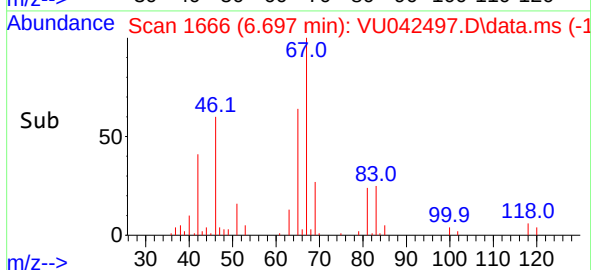
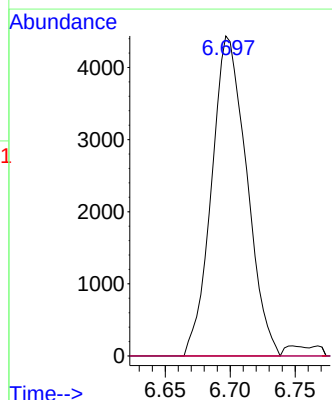
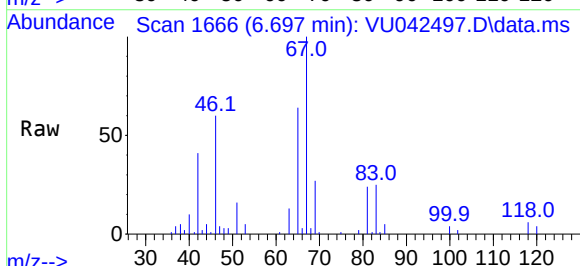
Tgt Ion: 83 Resp: 8327

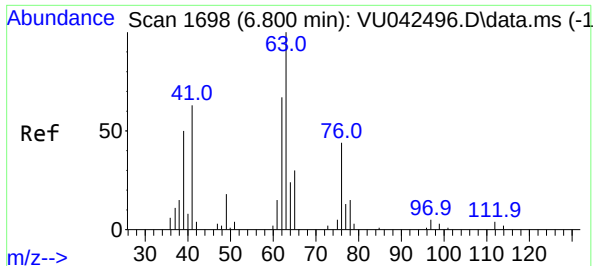
Ion Ratio Lower Upper

83 100

55 0.0 68.2 102.4#

98 0.5 39.7 59.5#

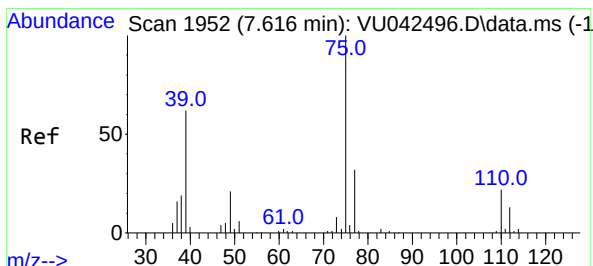
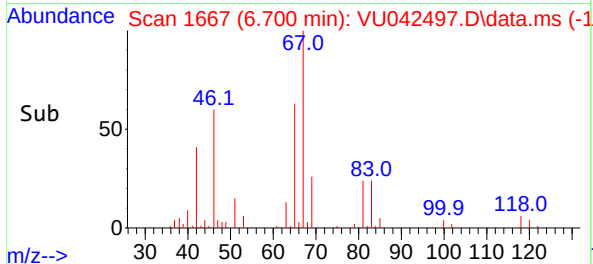
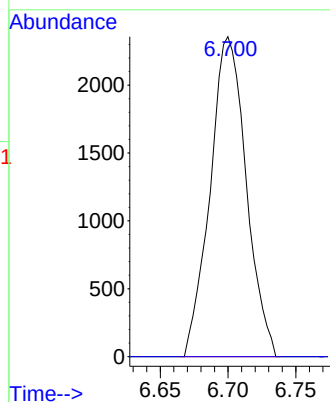
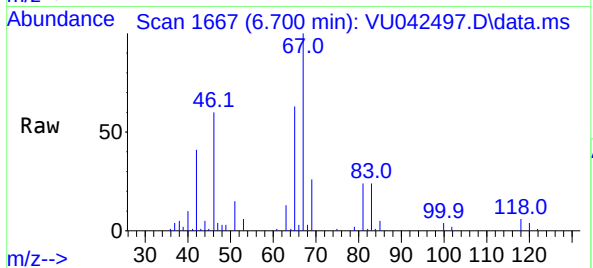




#37
1,2-Dichloropropane
Concen: 0.59 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042497.D
Acq: 05 Mar 2021 10:52

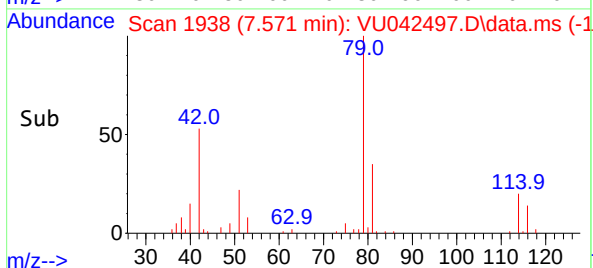
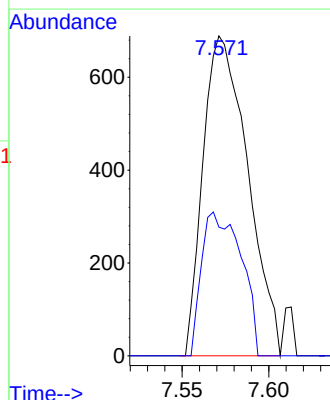
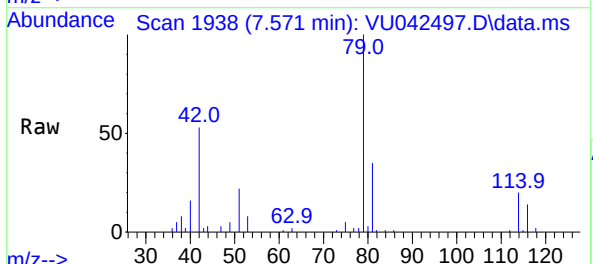
Instrument :
MSVOA_U
ClientSampled :

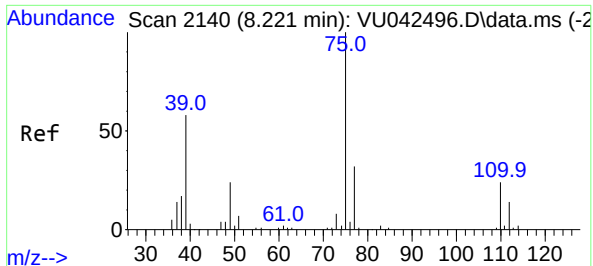
Tgt Ion: 63 Resp: 4360
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042497.D
Acq: 05 Mar 2021 10:52

Tgt Ion: 75 Resp: 1235
Ion Ratio Lower Upper
75 100
77 40.2 22.0 40.8

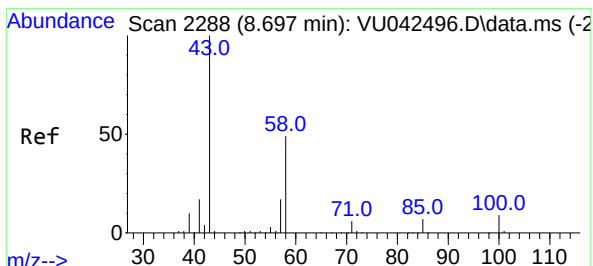
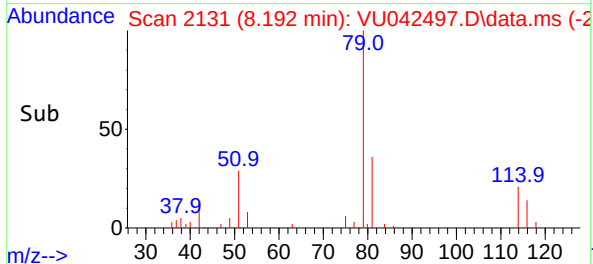
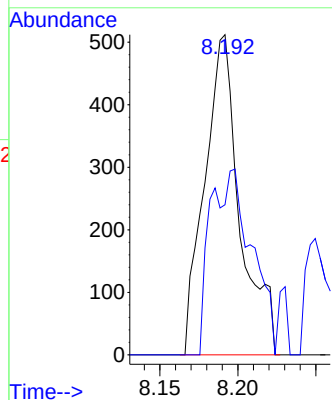
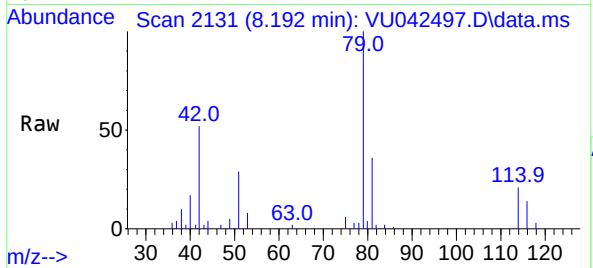




#44
trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.192 min Scan# 2131
Delta R.T. -0.029 min
Lab File: VU042497.D
Acq: 05 Mar 2021 10:52

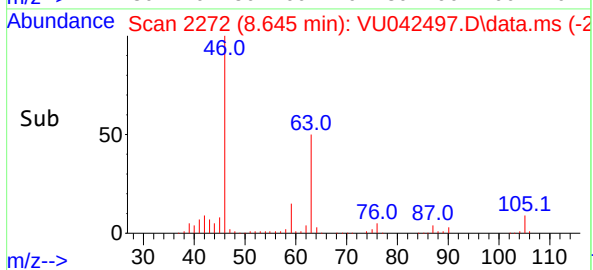
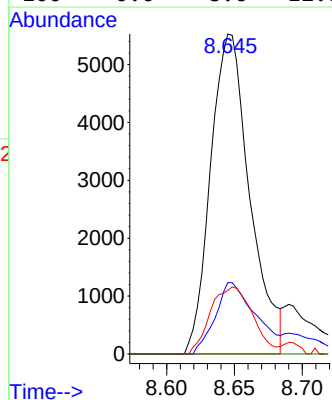
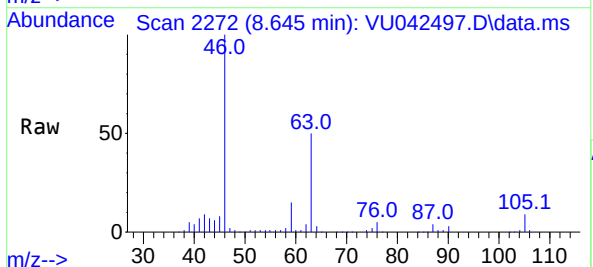
Instrument :
MSVOA_U
ClientSampleId :

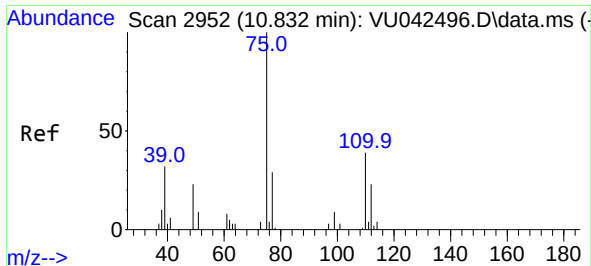
Tgt Ion: 75 Resp: 807
Ion Ratio Lower Upper
75 100
77 46.9 21.8 40.4#



#48
2-Hexanone
Concen: 2.33 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.049 min
Lab File: VU042497.D
Acq: 05 Mar 2021 10:52

Tgt Ion: 43 Resp: 11116
Ion Ratio Lower Upper
43 100
58 23.2 40.6 61.0#
57 22.5 14.9 22.3#
100 0.0 8.6 12.8#





#59
1,2,3-Trichloropropane
Concen: 0.07 ug/L
RT: 10.635 min Scan# 2891
Delta R.T. -0.197 min
Lab File: VU042497.D
Acq: 05 Mar 2021 10:52

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 410
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#

