

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030421\
 Data File : VU042493.D
 Acq On : 04 Mar 2021 18:36
 Operator : SY/MD
 Sample : M1570-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1G13

Quant Time: Mar 05 00:37:55 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)

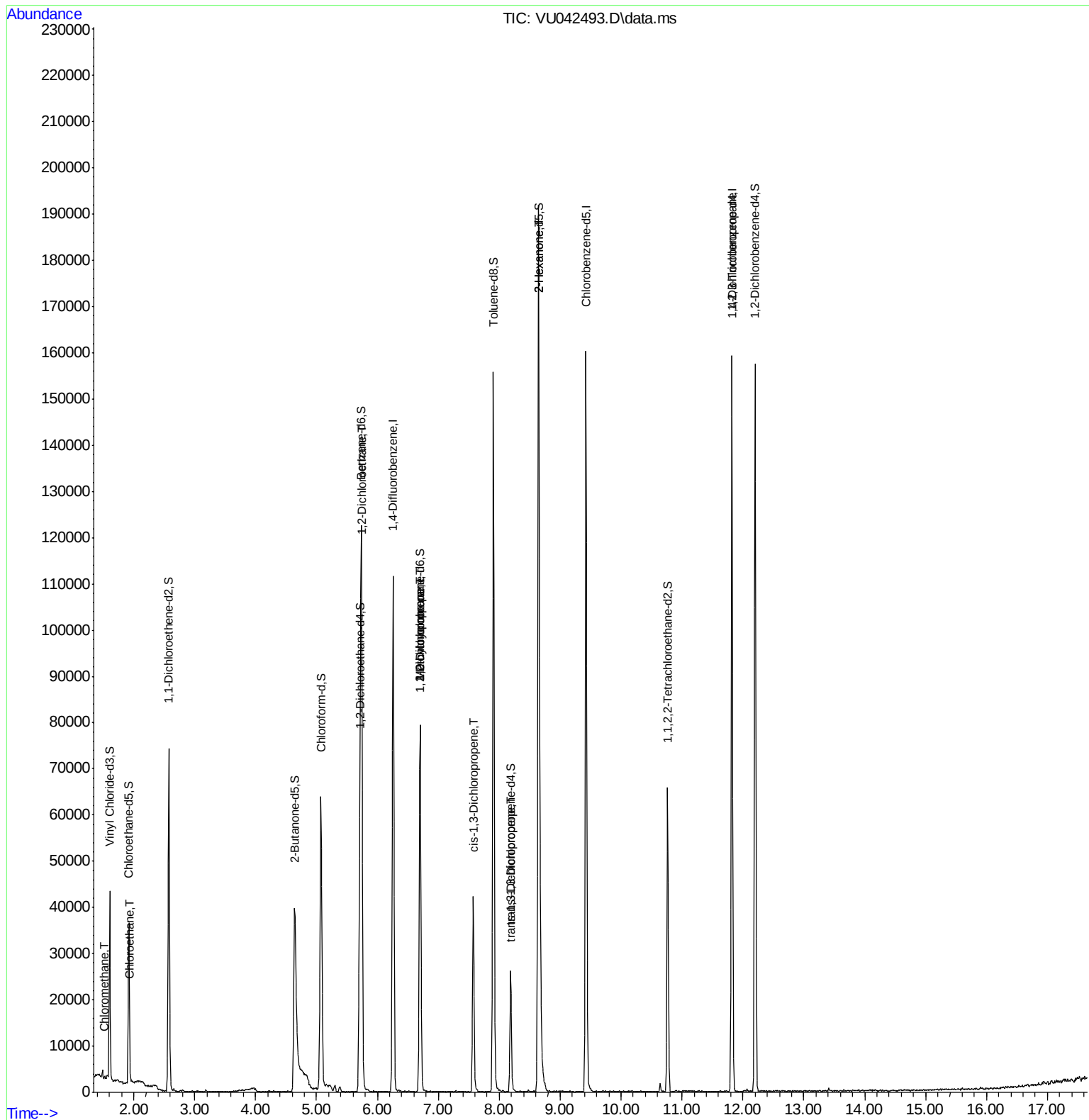
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	85983	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	82553	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	40549	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	27203	4.75	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.00%			
7) Chloroethane-d5	1.919	69	22435	5.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.40%			
11) 1,1-Dichloroethene-d2	2.575	63	45908	3.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.00%			
20) 2-Butanone-d5	4.642	46	80933	43.00	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.00%			
24) Chloroform-d	5.073	84	55060	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.20%			
26) 1,2-Dichloroethane-d4	5.713	65	37184	5.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.60%			
32) Benzene-d6	5.735	84	102483	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
36) 1,2-Dichloropropane-d6	6.700	67	34734	5.32	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.40%			
41) Toluene-d8	7.906	98	97350	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.60%			
43) trans-1,3-Dichloroprop...	8.189	79	14624	4.79	ug/L	0.00
46) 2-Hexanone-d5	8.645	63	74214	50.81	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.62%			
57) 1,1,2,2-Tetrachloroeth...	10.764	84	29787	5.12	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.40%			
64) 1,2-Dichlorobenzene-d4	12.201	152	39059	5.31	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.20%			
Target Compounds						
3) Chloromethane	1.520	50	427	0.06	ug/L	96
8) Chloroethane	1.932	64	146	0.03	ug/L #	43
27) 1,2-Dichloroethane	5.742	62	755	0.08	ug/L #	75
35) Methylcyclohexane	6.700	83	7619	0.70	ug/L #	14
37) 1,2-Dichloropropane	6.697	63	4073	0.58	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1029	0.10	ug/L #	54
44) trans-1,3-Dichloropropene	8.182	75	672	0.07	ug/L #	81
48) 2-Hexanone	8.645	43	11793	2.63	ug/L #	68
59) 1,2,3-Trichloropropane	11.819	75	5164	0.99	ug/L	90

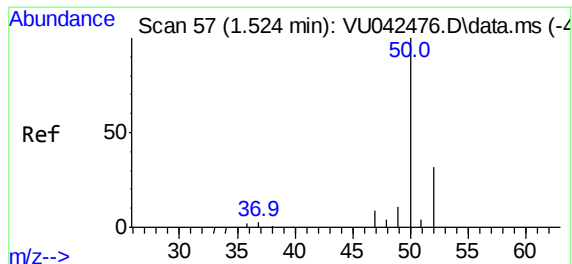
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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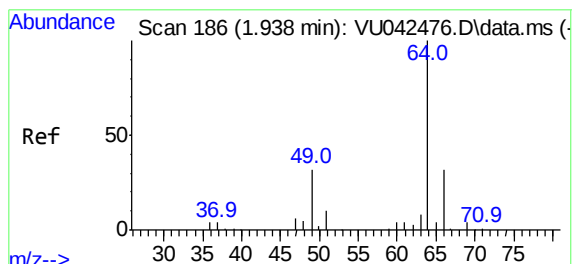
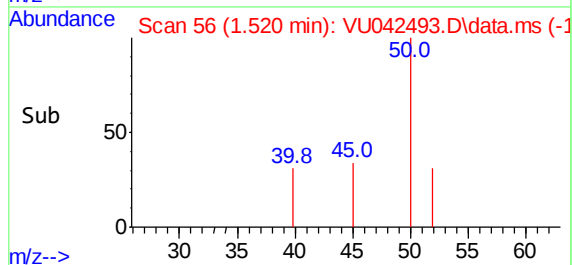
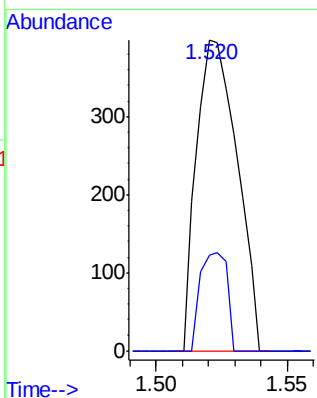
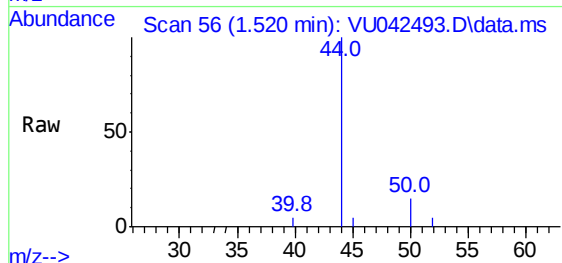




#3
Chloromethane
Concen: 0.06 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.004 min
Lab File: VU042493.D
Acq: 04 Mar 2021 18:36

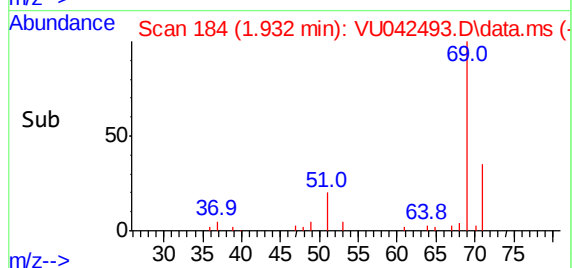
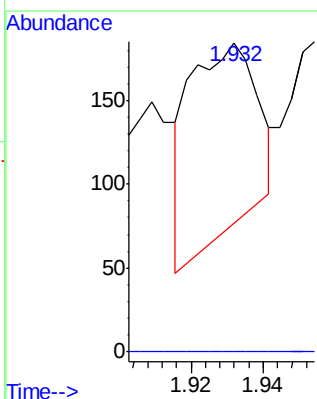
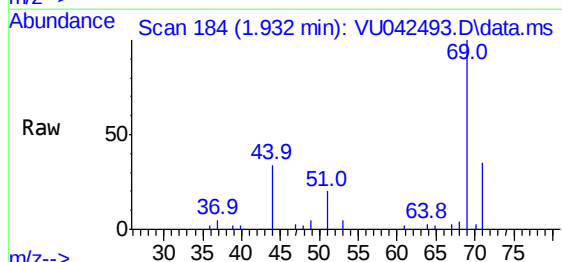
Instrument :
MSVOA_U
ClientSampleId :
F1G13

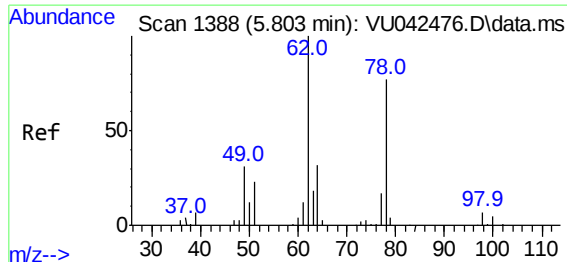
Tgt Ion: 50 Resp: 427
Ion Ratio Lower Upper
50 100
52 30.9 23.0 42.8



#8
Chloroethane
Concen: 0.03 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.007 min
Lab File: VU042493.D
Acq: 04 Mar 2021 18:36

Tgt Ion: 64 Resp: 146
Ion Ratio Lower Upper
64 100
66 0.0 22.2 41.2#

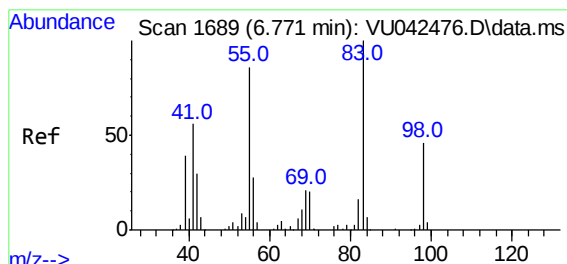
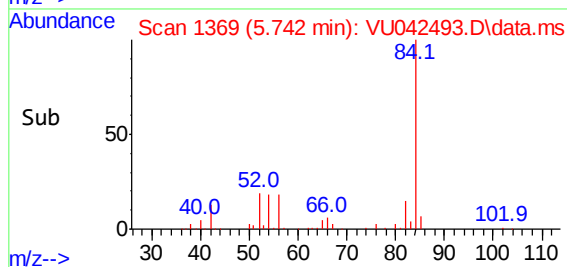
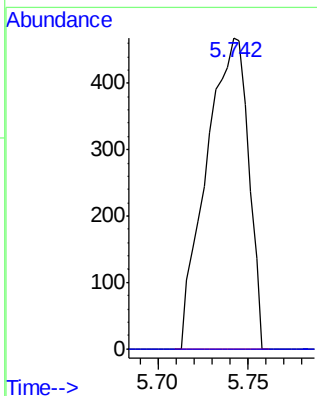
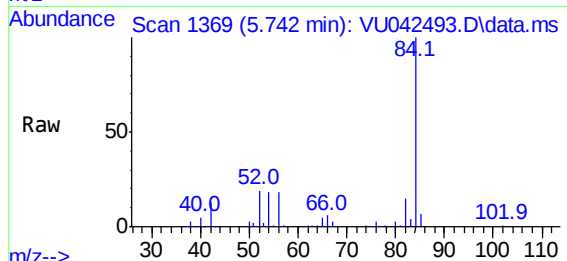




#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.061 min
Lab File: VU042493.D
Acq: 04 Mar 2021 18:36

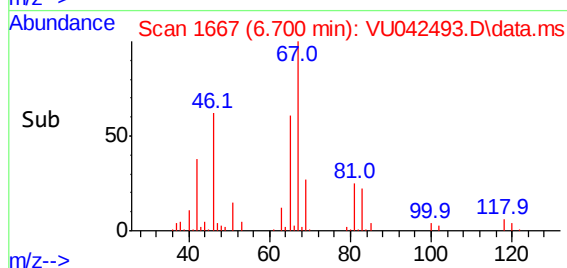
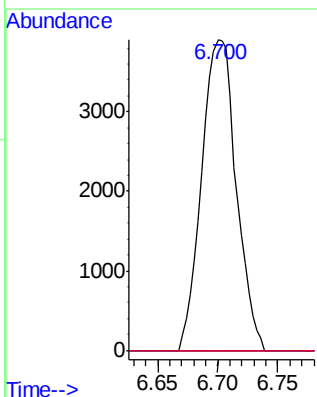
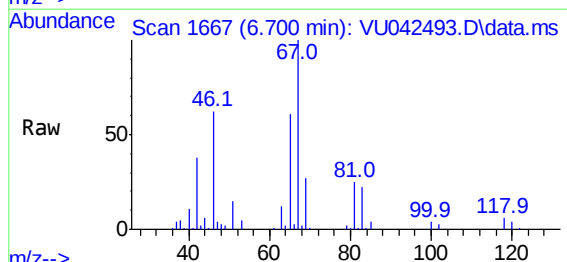
Instrument :
MSVOA_U
ClientSampleId :
F1G13

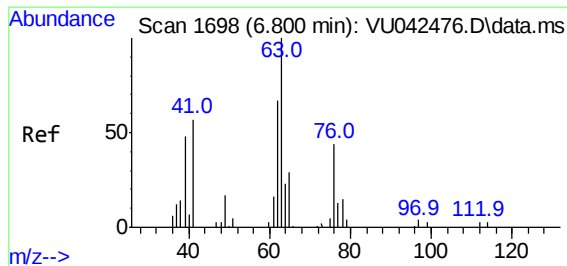
Tgt Ion: 62 Resp: 755
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#35
Methylcyclohexane
Concen: 0.70 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042493.D
Acq: 04 Mar 2021 18:36

Tgt Ion: 83 Resp: 7619
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#

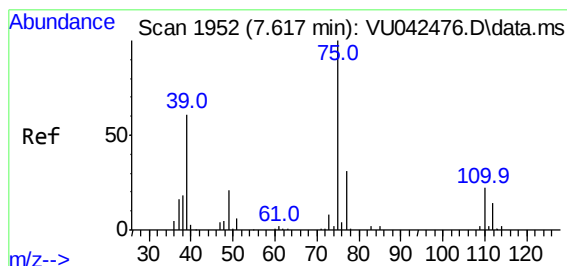
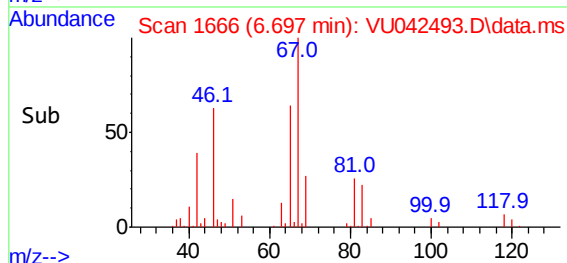
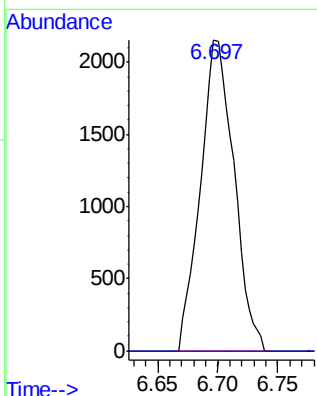
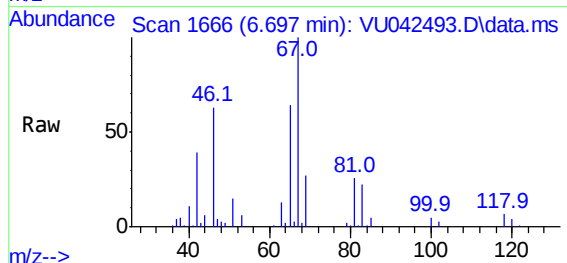




#37
1,2-Dichloropropane
Concen: 0.58 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042493.D
Acq: 04 Mar 2021 18:36

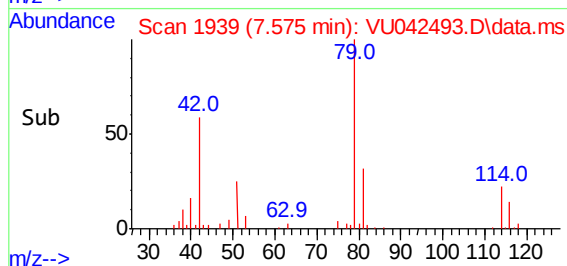
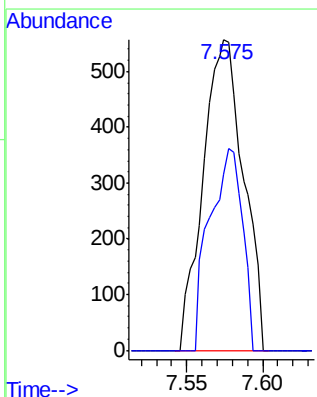
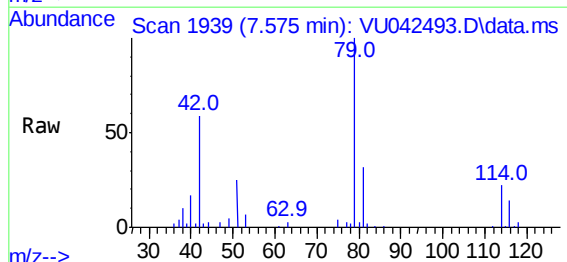
Instrument :
MSVOA_U
ClientSampleId :
F1G13

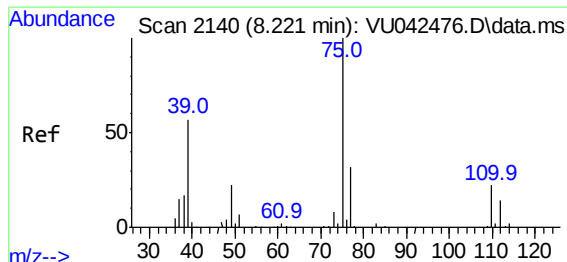
Tgt Ion: 63 Resp: 4073
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042493.D
Acq: 04 Mar 2021 18:36

Tgt Ion: 75 Resp: 1029
Ion Ratio Lower Upper
75 100
77 56.9 22.0 40.8#



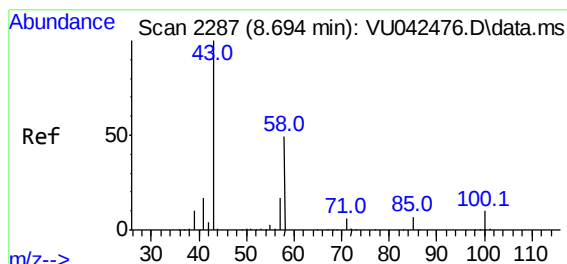
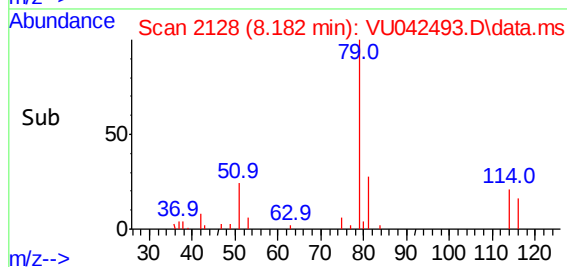
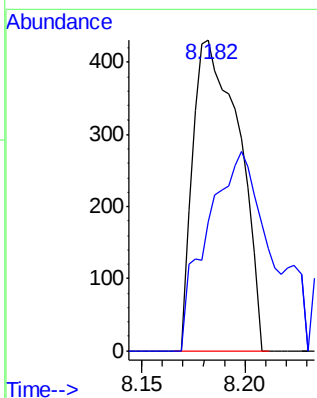
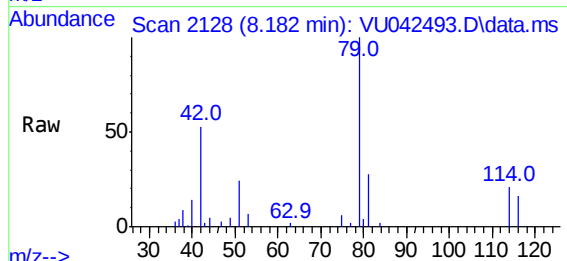


#44

trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.039 min
Lab File: VU042493.D
Acq: 04 Mar 2021 18:36

Instrument :
MSVOA_U
ClientSampled :
F1G13

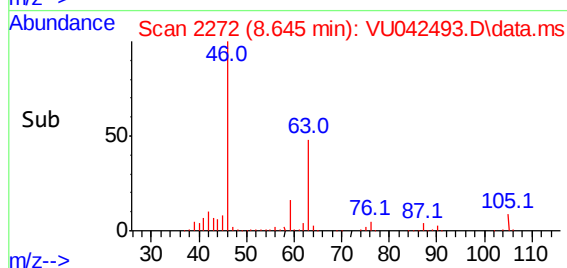
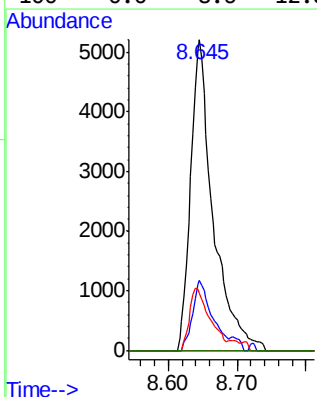
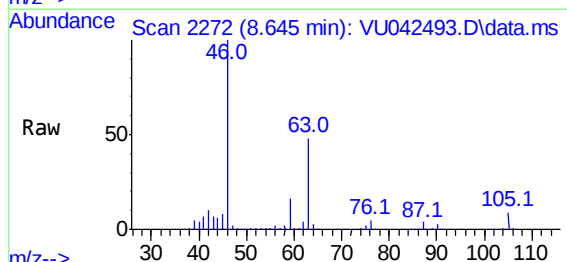
Tgt Ion: 75 Resp: 672
Ion Ratio Lower Upper
75 100
77 41.5 21.8 40.4#

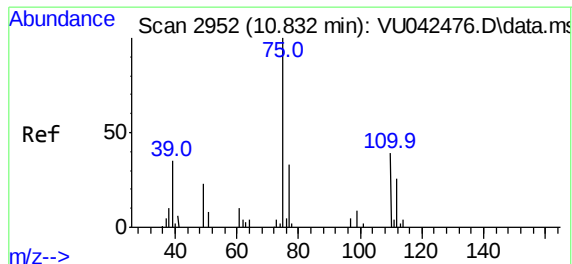


#48

2-Hexanone
Concen: 2.63 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.049 min
Lab File: VU042493.D
Acq: 04 Mar 2021 18:36

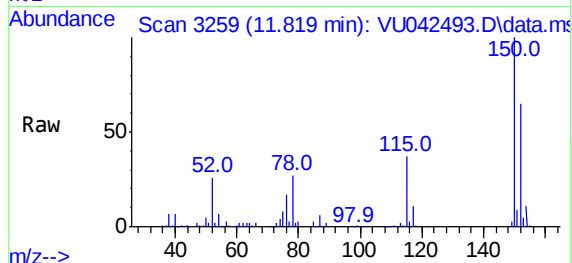
Tgt Ion: 43 Resp: 11793
Ion Ratio Lower Upper
43 100
58 19.6 40.6 61.0#
57 18.4 14.9 22.3
100 0.0 8.6 12.8#





#59
 1,2,3-Trichloropropane
 Concen: 0.99 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042493.D
 Acq: 04 Mar 2021 18:36

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 75 Resp: 5164
 Ion Ratio Lower Upper
 75 100
 77 38.0 26.0 39.0

