

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030421\
 Data File : VU042492.D
 Acq On : 04 Mar 2021 18:12
 Operator : SY/MD
 Sample : M1570-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1G12

Quant Time: Mar 05 00:37:37 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)

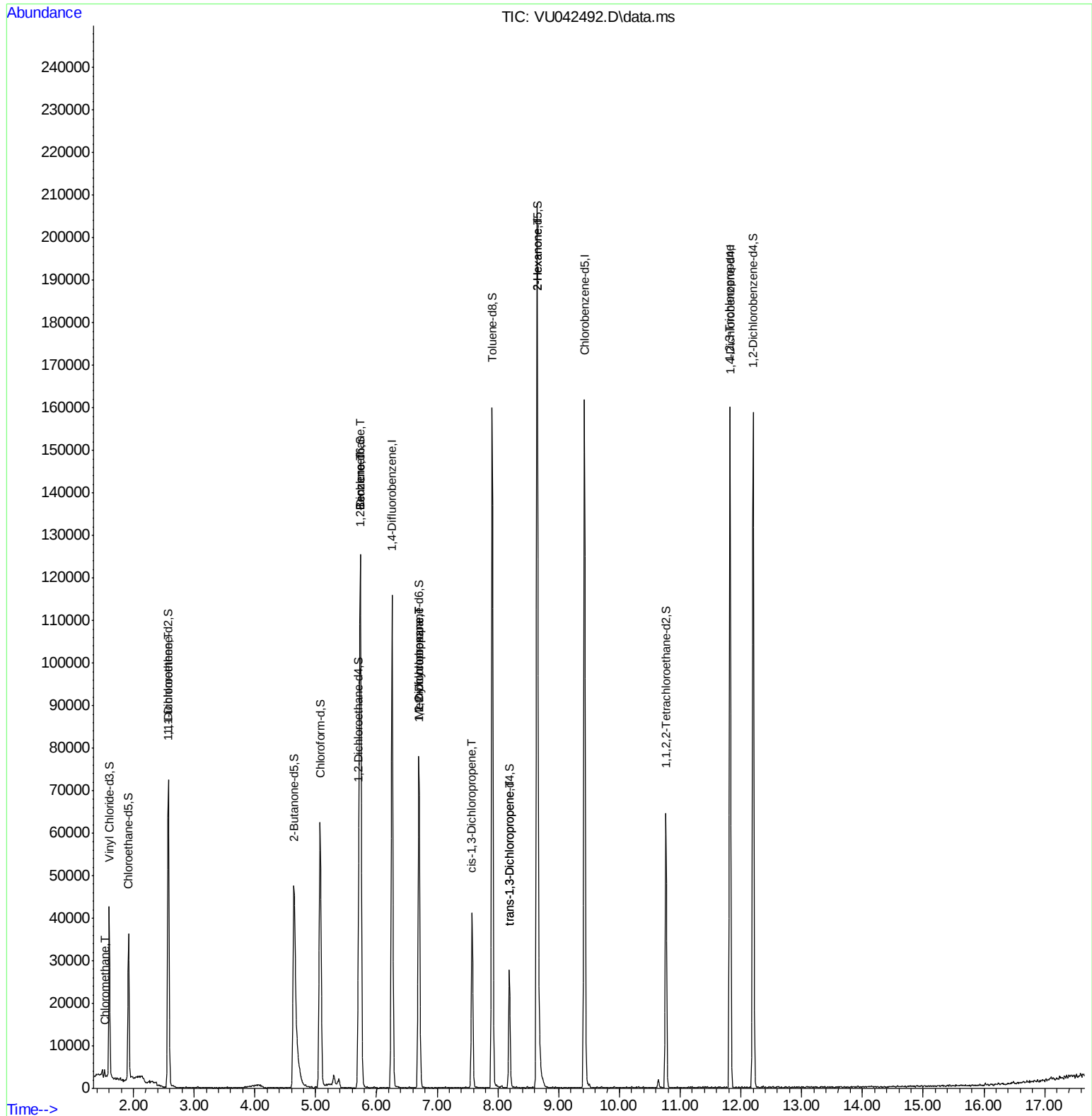
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	89123	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	84022	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	40350	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	27757	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.919	69	22830	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.575	63	45446	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.642	46	105889	54.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.56%
24) Chloroform-d	5.073	84	56461	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.710	65	38082	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.735	84	103734	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.700	67	34185	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.906	98	98867	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloroprop...	8.189	79	14461	4.66	ug/L	0.00
46) 2-Hexanone-d5	8.645	63	74461	50.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.18%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	29390	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	38858	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%
Target Compounds						
3) Chloromethane	1.523	50	1135	0.14	ug/L	100
12) 1,1-Dichloroethene	2.571	96	357	0.06	ug/L #	1
27) 1,2-Dichloroethane	5.739	62	639	0.06	ug/L #	75
33) Benzene	5.735	78	830	0.03	ug/L	100
35) Methylcyclohexane	6.697	83	8367	0.75	ug/L #	14
37) 1,2-Dichloropropane	6.703	63	4237	0.60	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1121	0.11	ug/L #	63
44) trans-1,3-Dichloropropene	8.189	75	722	0.08	ug/L #	75
48) 2-Hexanone	8.645	43	11956	2.62	ug/L #	72
59) 1,2,3-Trichloropropane	11.819	75	5239	0.98	ug/L	90

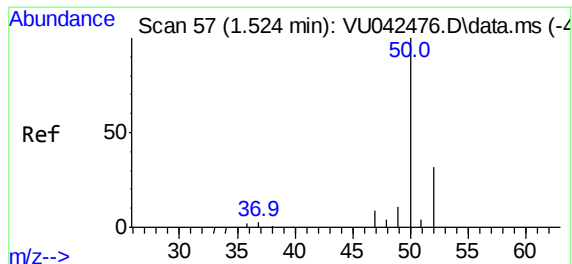
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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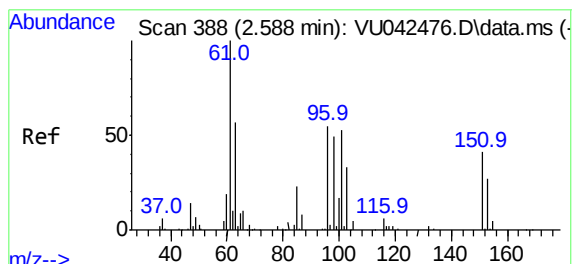
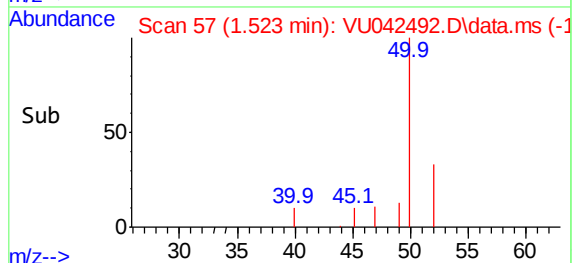
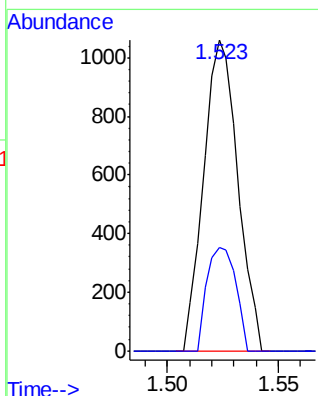
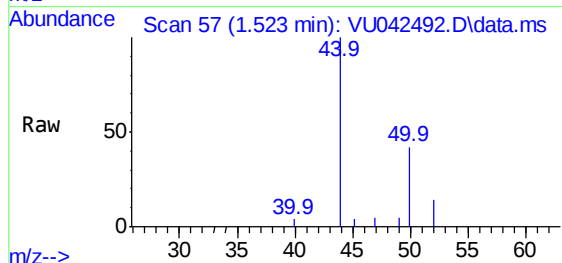




#3
Chloromethane
Concen: 0.14 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042492.D
Acq: 04 Mar 2021 18:12

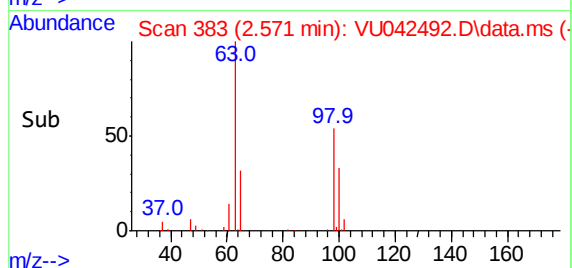
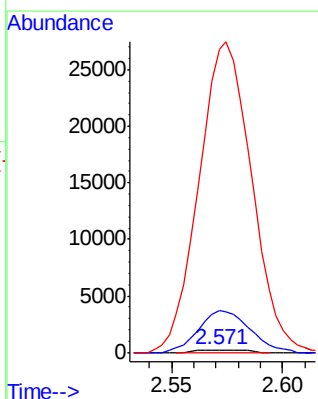
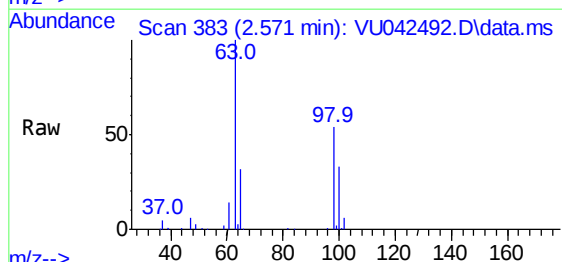
Instrument :
MSVOA_U
ClientSampleId :
F1G12

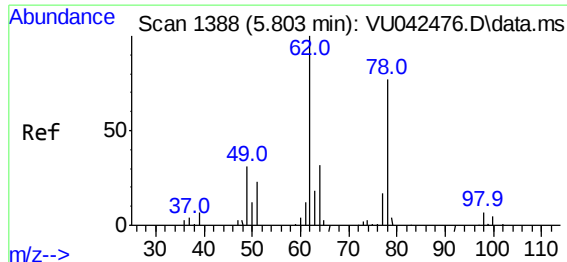
Tgt Ion: 50 Resp: 1135
Ion Ratio Lower Upper
50 100
52 33.1 23.0 42.8



#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU042492.D
Acq: 04 Mar 2021 18:12

Tgt Ion: 96 Resp: 357
Ion Ratio Lower Upper
96 100
61 1546.6 126.2 234.4#
63 11273.9 77.8 144.4#

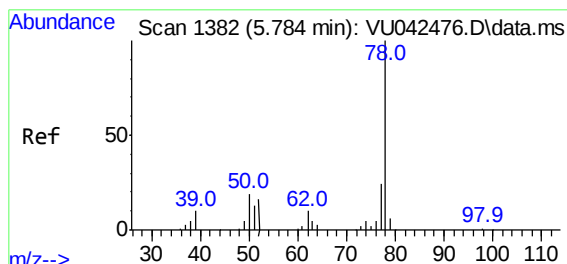
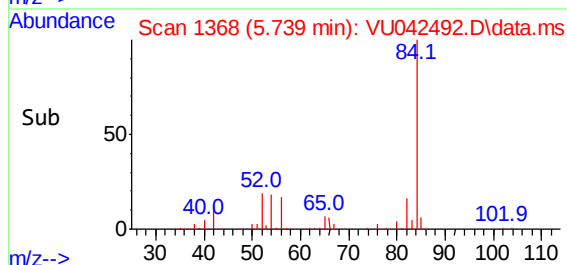
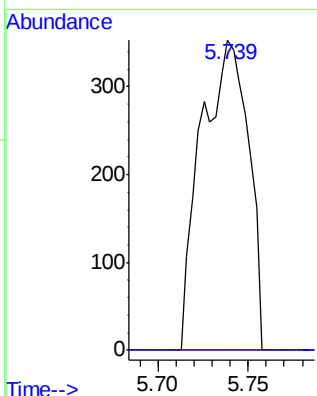
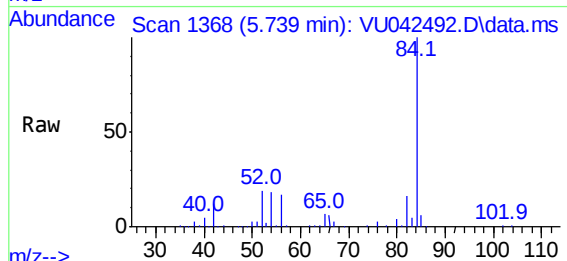




#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.065 min
Lab File: VU042492.D
Acq: 04 Mar 2021 18:12

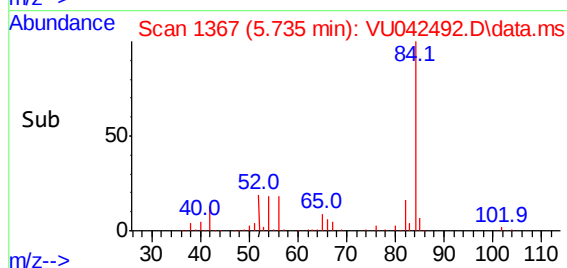
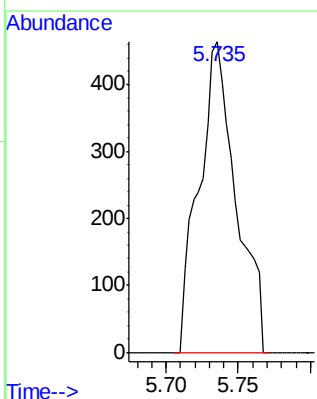
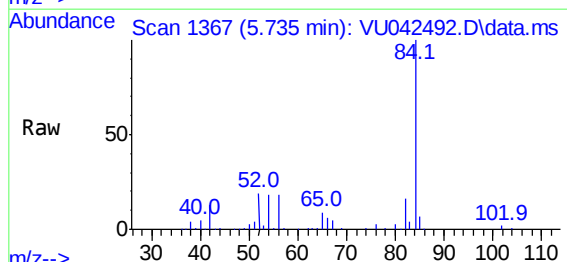
Instrument :
MSVOA_U
ClientSampleId :
F1G12

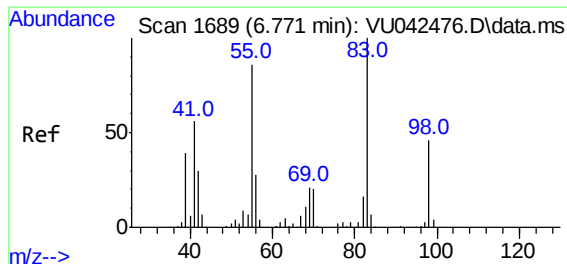
Tgt Ion: 62 Resp: 639
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.03 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.049 min
Lab File: VU042492.D
Acq: 04 Mar 2021 18:12

Tgt Ion: 78 Resp: 830

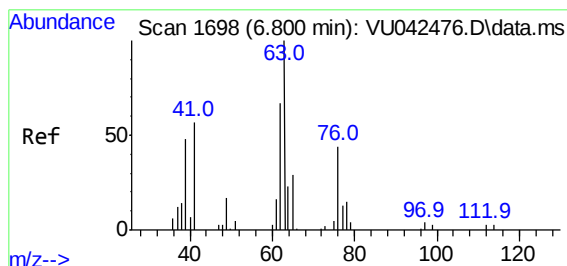
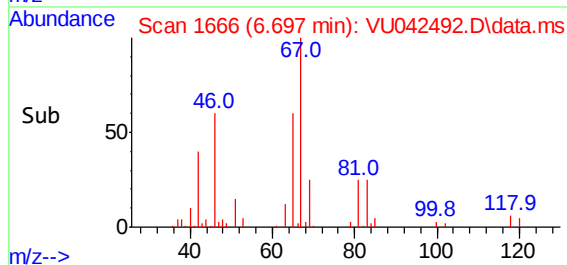
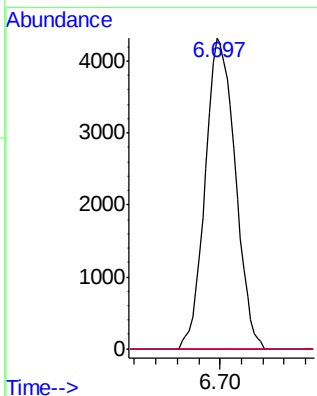
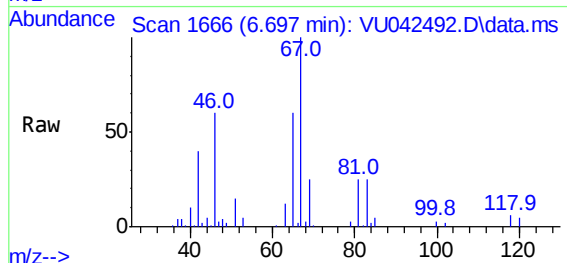




#35
Methylcyclohexane
Concen: 0.75 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU042492.D
Acq: 04 Mar 2021 18:12

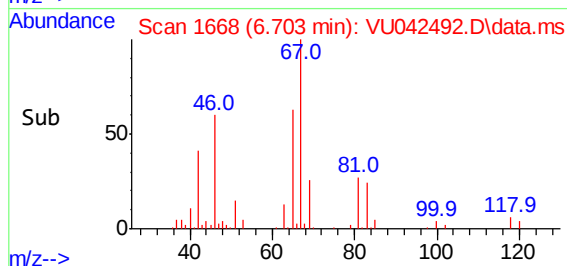
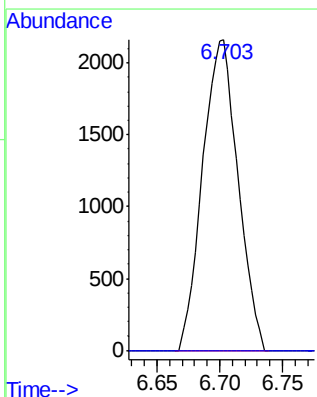
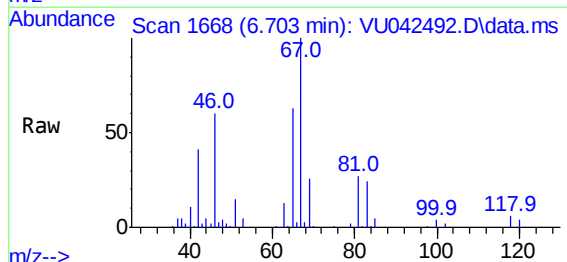
Instrument :
MSVOA_U
ClientSampleId :
F1G12

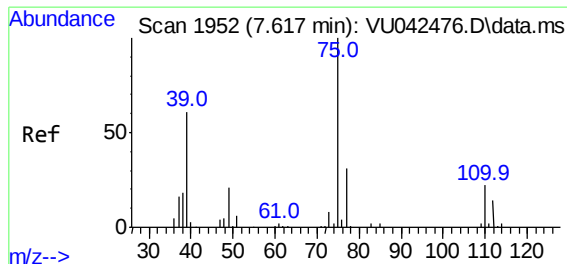
Tgt Ion: 83 Resp: 8367
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.60 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.097 min
Lab File: VU042492.D
Acq: 04 Mar 2021 18:12

Tgt Ion: 63 Resp: 4237
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

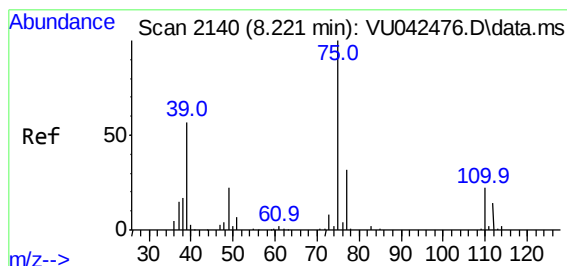
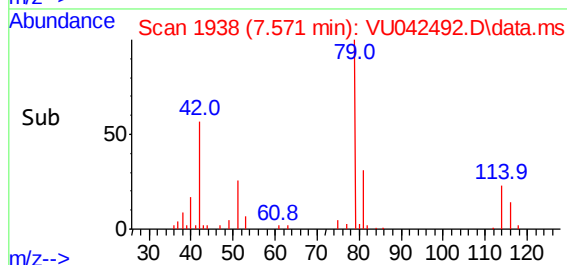
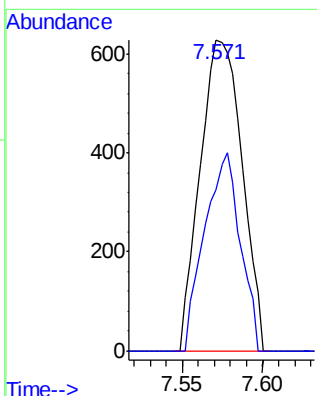
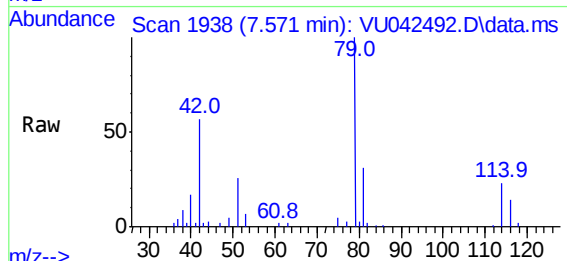




#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042492.D
Acq: 04 Mar 2021 18:12

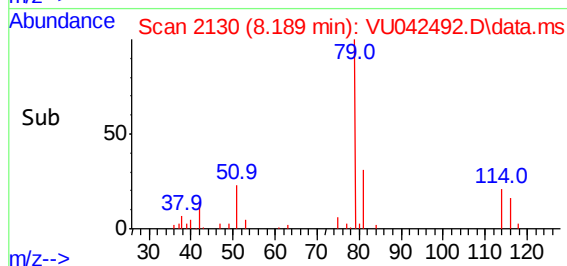
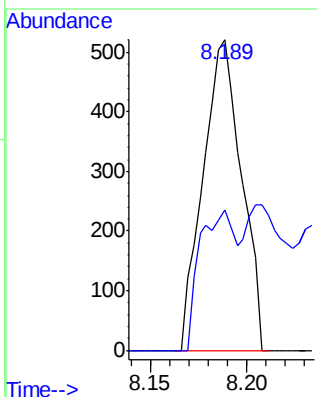
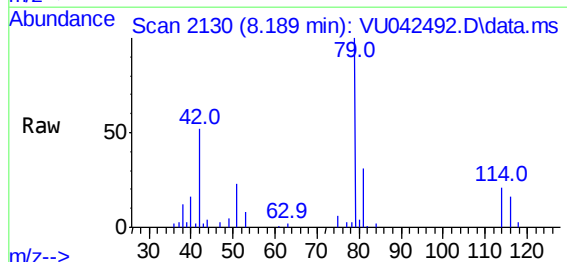
Instrument :
MSVOA_U
ClientSampleId :
F1G12

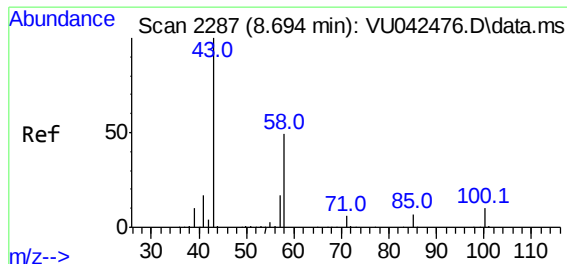
Tgt Ion: 75 Resp: 1121
Ion Ratio Lower Upper
75 100
77 51.9 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.033 min
Lab File: VU042492.D
Acq: 04 Mar 2021 18:12

Tgt Ion: 75 Resp: 722
Ion Ratio Lower Upper
75 100
77 45.1 21.8 40.4#

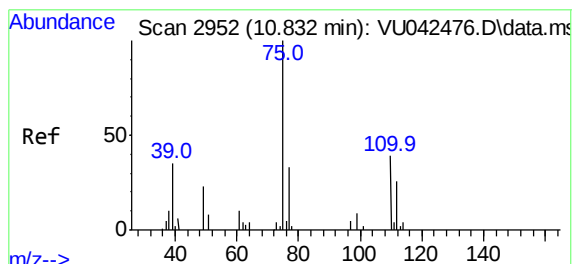
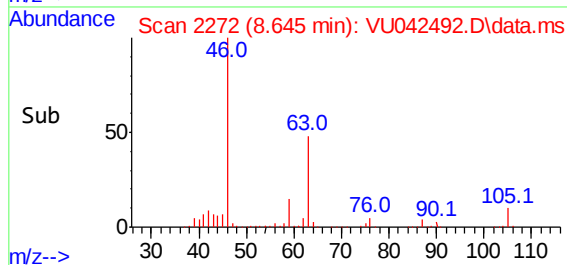
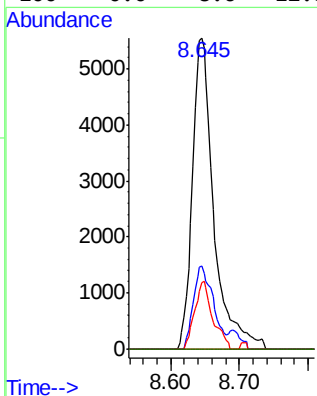
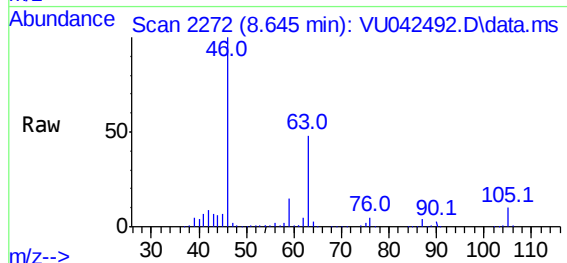




#48
2-Hexanone
Concen: 2.62 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.049 min
Lab File: VU042492.D
Acq: 04 Mar 2021 18:12

Instrument :
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Tgt Ion:	43	Resp:	11956
Ion	Ratio	Lower	Upper
43	100		
58	24.9	40.6	61.0#
57	18.3	14.9	22.3
100	0.0	8.6	12.8#



#59
1,2,3-Trichloropropane
Concen: 0.98 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042492.D
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Tgt Ion:	75	Resp:	5239
Ion	Ratio	Lower	Upper
75	100		
77	37.9	26.0	39.0

