

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030421\
 Data File : VU042482.D
 Acq On : 04 Mar 2021 14:12
 Operator : SY/MD
 Sample : M1570-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1G01

Quant Time: Mar 05 00:34:16 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)

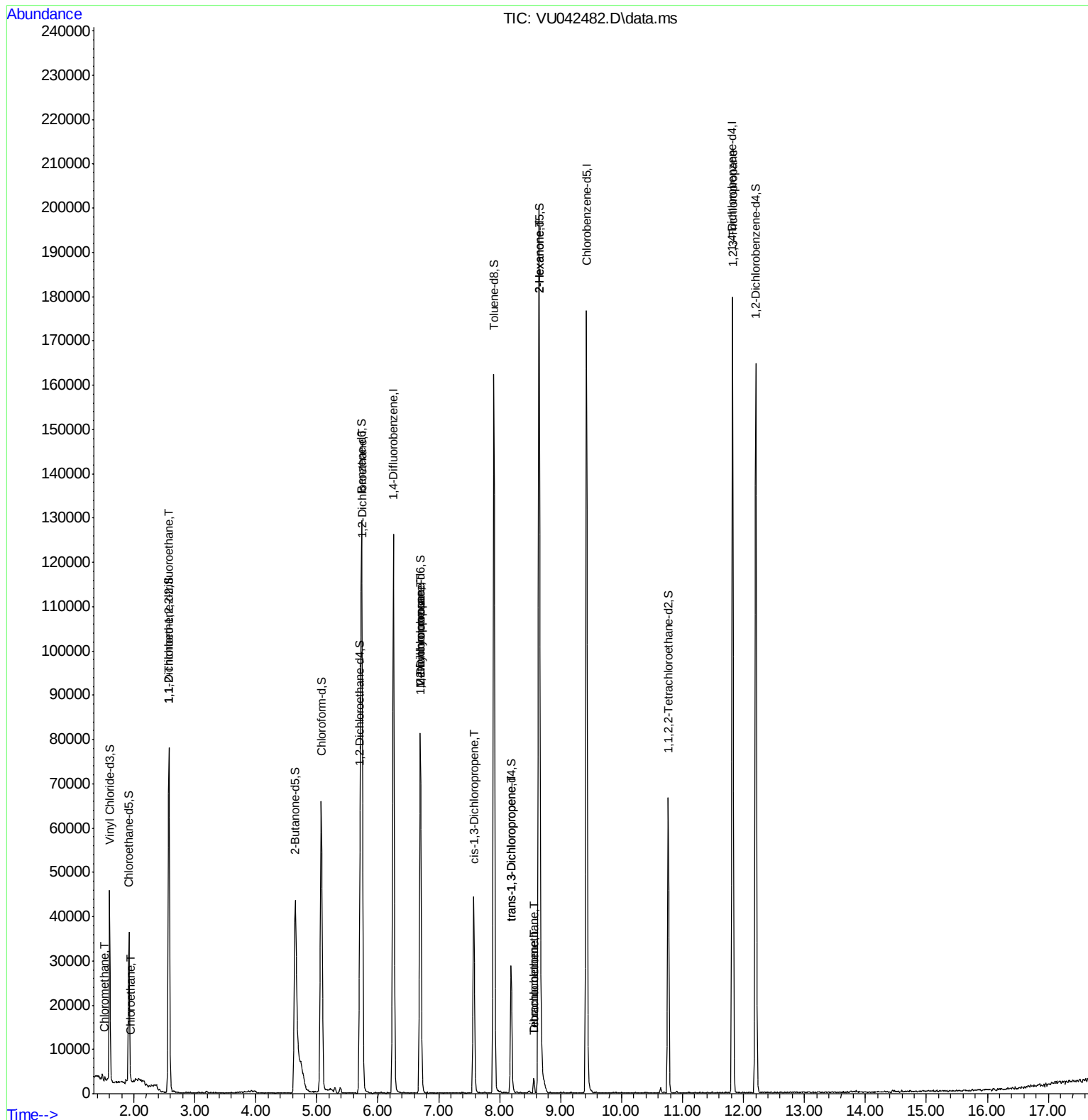
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	95644	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	92693	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	44902	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	28851	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.919	69	22308	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.575	63	48120	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	4.645	46	89923	42.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.90%
24) Chloroform-d	5.073	84	58010	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.710	65	37812	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.739	84	108112	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.700	67	35305	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.906	98	100257	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloroprop...	8.189	79	15446	4.51	ug/L	0.00
46) 2-Hexanone-d5	8.645	63	75694	46.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.32%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	30368	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	40163	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%
Target Compounds						
3) Chloromethane	1.520	50	623	0.07	ug/L	96
8) Chloroethane	1.954	64	264	0.05	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	362	0.05	ug/L #	18
27) 1,2-Dichloroethane	5.742	62	672	0.06	ug/L #	75
35) Methylcyclohexane	6.700	83	7980	0.65	ug/L #	14
37) 1,2-Dichloropropane	6.697	63	4303	0.55	ug/L #	87
39) cis-1,3-Dichloropropene	7.578	75	1185	0.10	ug/L #	65
44) trans-1,3-Dichloropropene	8.185	75	740	0.07	ug/L #	49
47) Tetrachloroethene	8.565	164	702	0.11	ug/L	91
48) 2-Hexanone	8.645	43	10986	2.18	ug/L #	70
49) Dibromochloromethane	8.558	129	710	0.10	ug/L #	12
59) 1,2,3-Trichloropropane	11.822	75	5582	0.95	ug/L	89

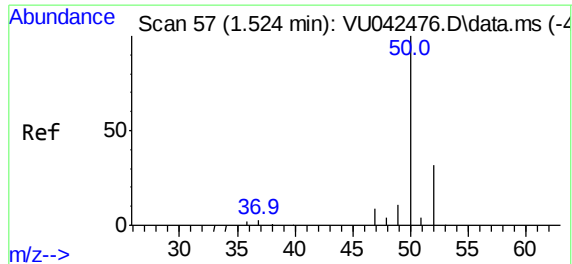
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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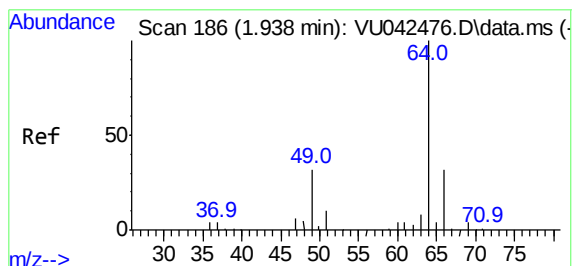
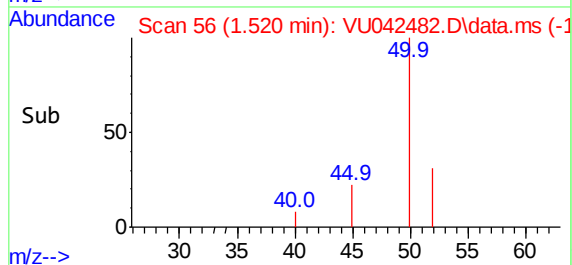
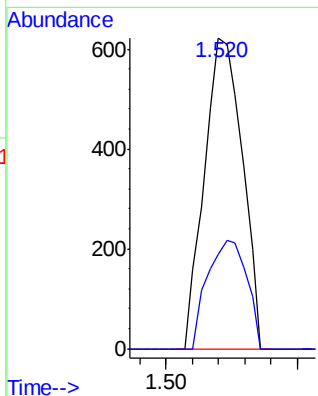
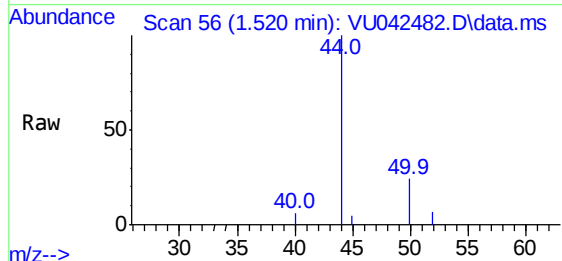




#3
Chloromethane
Concen: 0.07 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.004 min
Lab File: VU042482.D
Acq: 04 Mar 2021 14:12

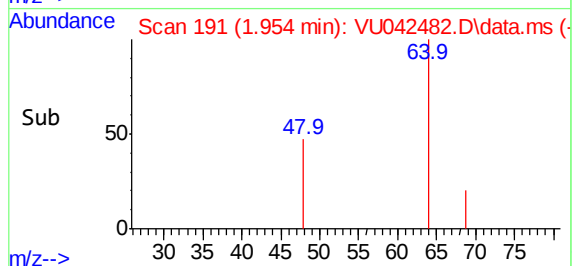
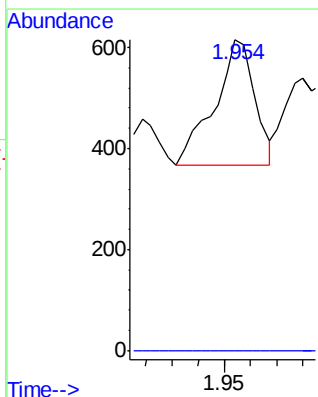
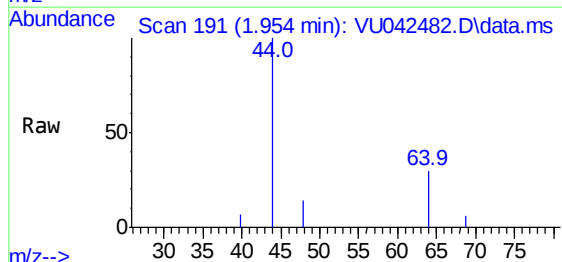
Instrument :
MSVOA_U
ClientSampleId :
F1G01

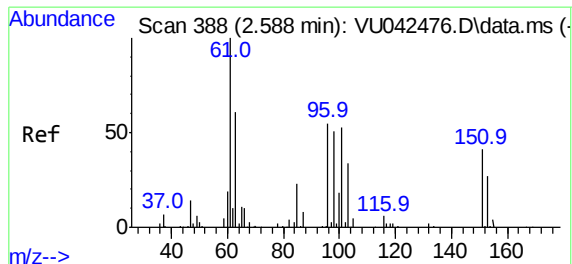
Tgt Ion: 50 Resp: 623
Ion Ratio Lower Upper
50 100
52 30.5 23.0 42.8



#8
Chloroethane
Concen: 0.05 ug/L
RT: 1.954 min Scan# 191
Delta R.T. 0.016 min
Lab File: VU042482.D
Acq: 04 Mar 2021 14:12

Tgt Ion: 64 Resp: 264
Ion Ratio Lower Upper
64 100
66 0.0 22.2 41.2#

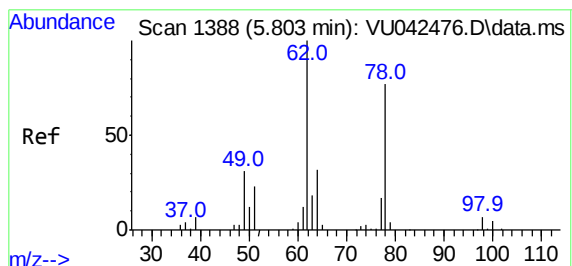
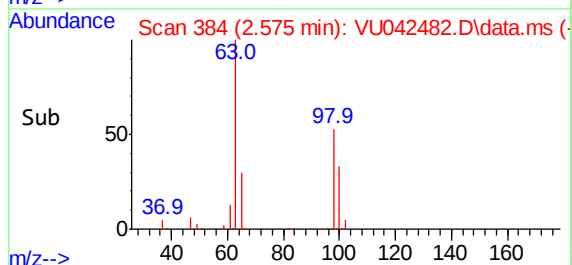
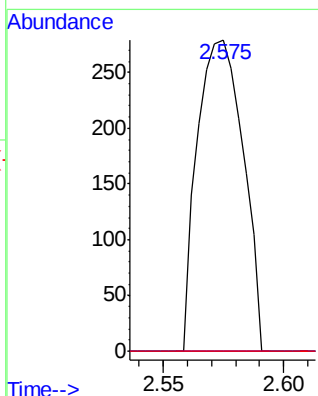
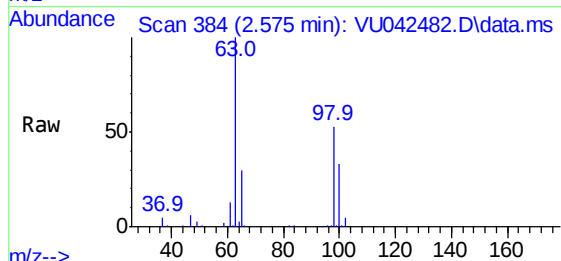




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU042482.D
Acq: 04 Mar 2021 14:12

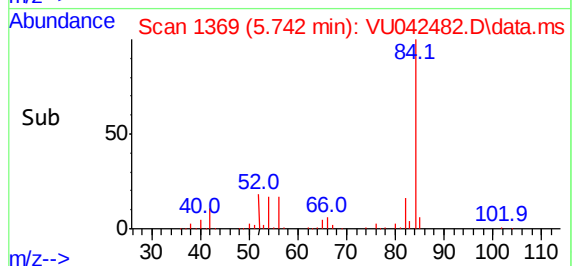
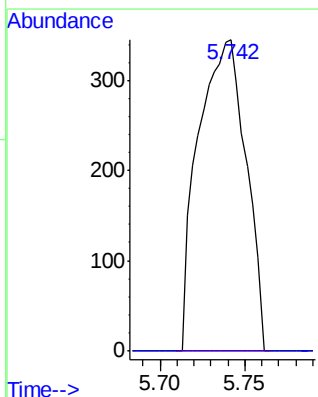
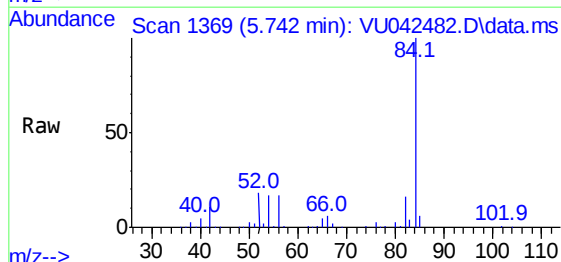
Instrument :
MSVOA_U
ClientSampleId :
F1G01

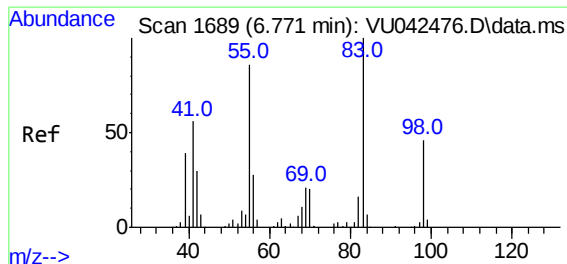
Tgt Ion:101 Resp: 362
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#



#27
1,2-Dichloroethane
Concen: 0.06 ug/L
RT: 5.742 min Scan# 1369
Delta R.T. -0.061 min
Lab File: VU042482.D
Acq: 04 Mar 2021 14:12

Tgt Ion: 62 Resp: 672
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

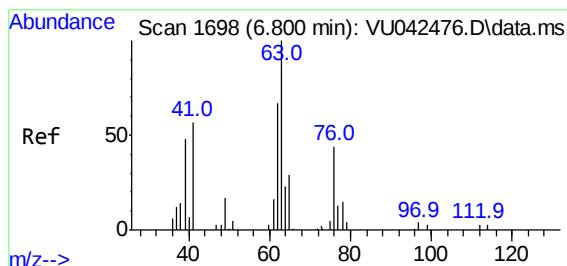
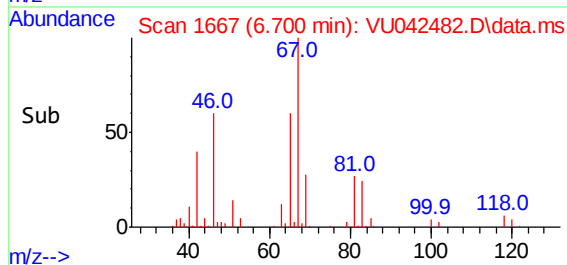
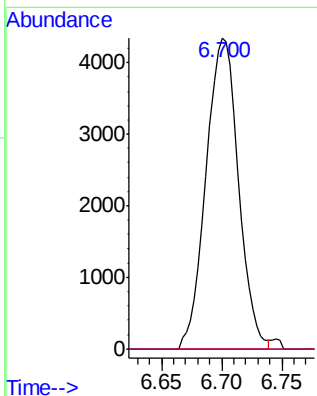
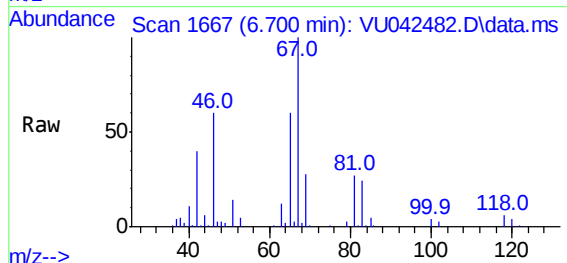




#35
Methylcyclohexane
Concen: 0.65 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042482.D
Acq: 04 Mar 2021 14:12

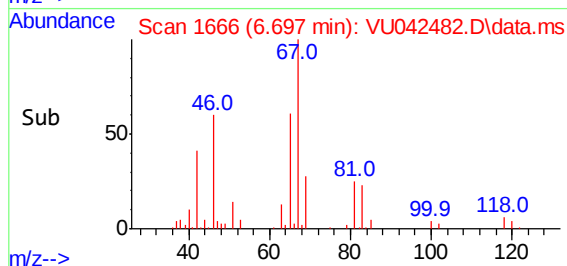
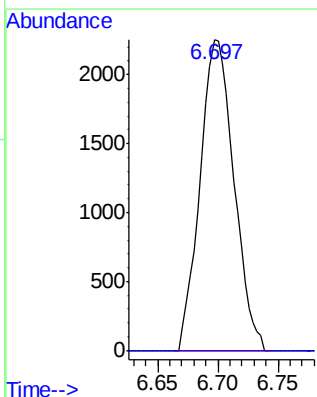
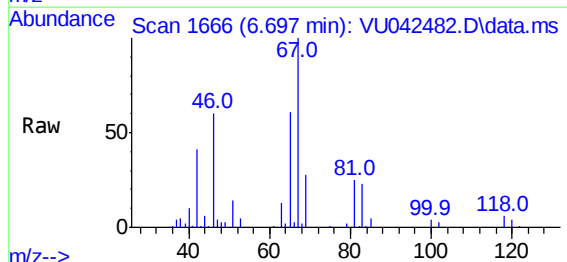
Instrument :
MSVOA_U
ClientSampleId :
F1G01

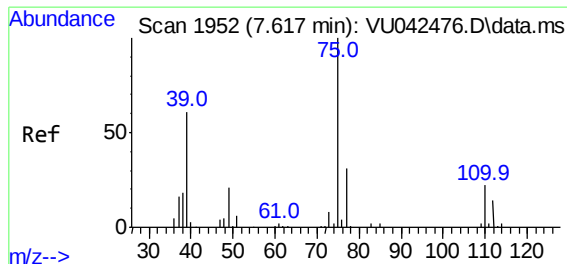
Tgt Ion: 83 Resp: 7980
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.55 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU042482.D
Acq: 04 Mar 2021 14:12

Tgt Ion: 63 Resp: 4303
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

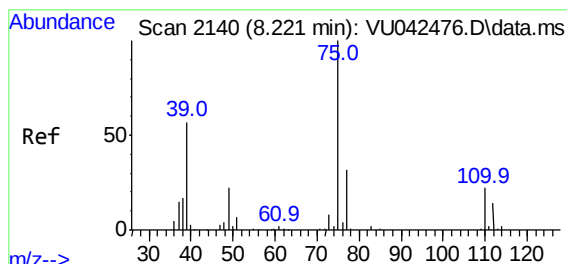
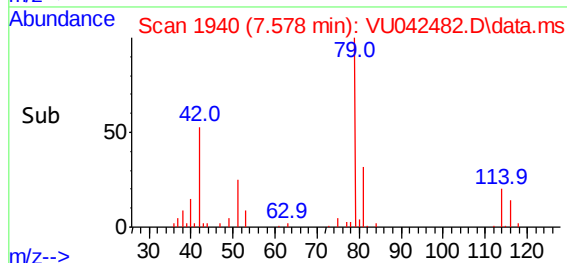
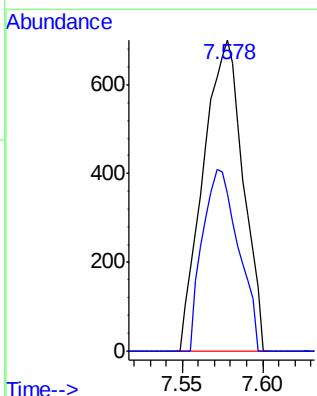
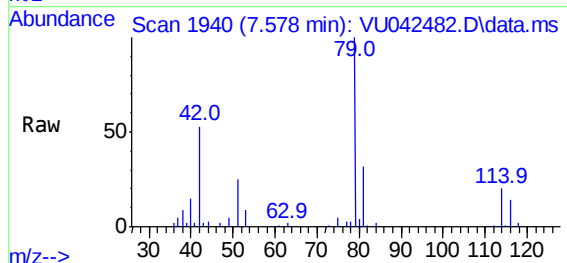




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.039 min
Lab File: VU042482.D
Acq: 04 Mar 2021 14:12

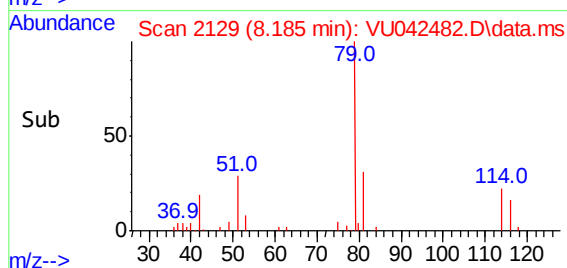
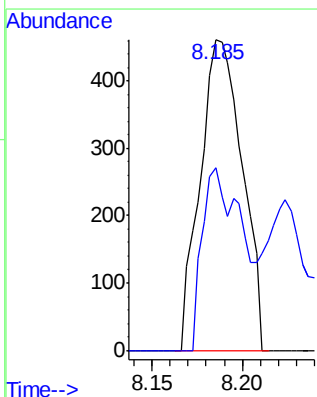
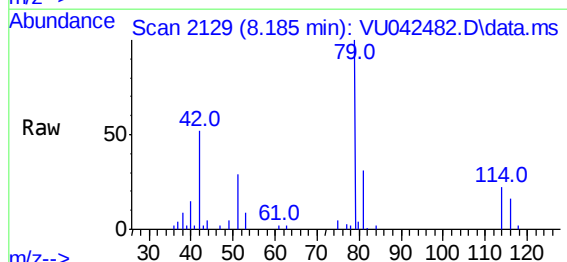
Instrument :
MSVOA_U
ClientSampleId :
F1G01

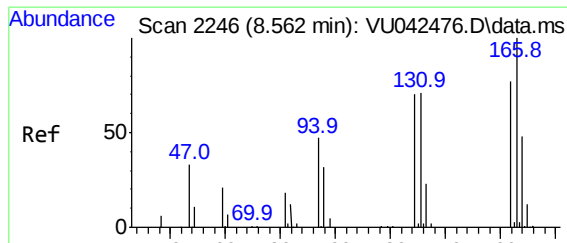
Tgt Ion: 75 Resp: 1185
Ion Ratio Lower Upper
75 100
77 50.5 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.036 min
Lab File: VU042482.D
Acq: 04 Mar 2021 14:12

Tgt Ion: 75 Resp: 740
Ion Ratio Lower Upper
75 100
77 59.0 21.8 40.4#



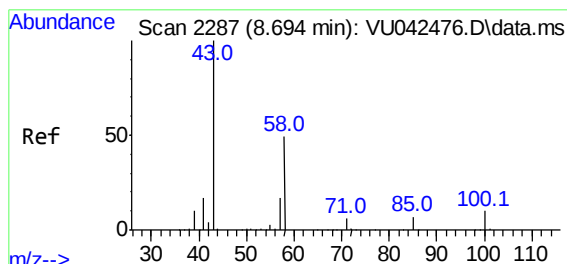
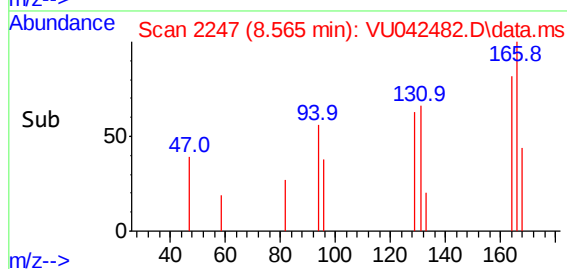
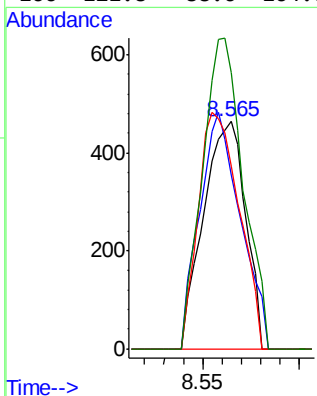
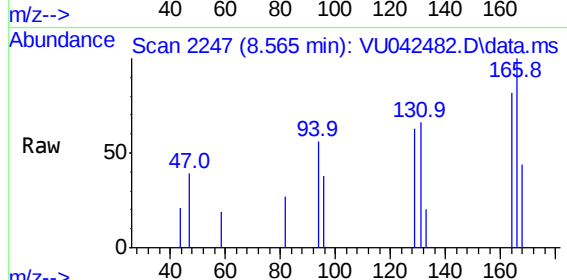


#47
Tetrachloroethene
Concen: 0.11 ug/L
RT: 8.565 min Scan# 2247
Delta R.T. 0.003 min
Lab File: VU042482.D
Acq: 04 Mar 2021 14:12

Instrument :
MSVOA_U
ClientSampleId :
F1G01

Tgt Ion:164 Resp: 702

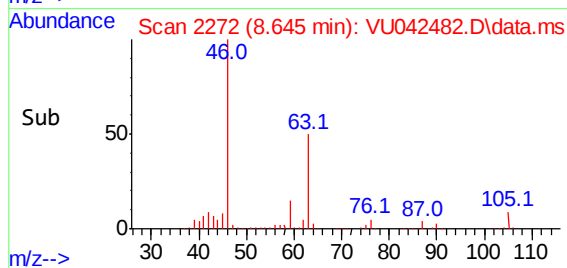
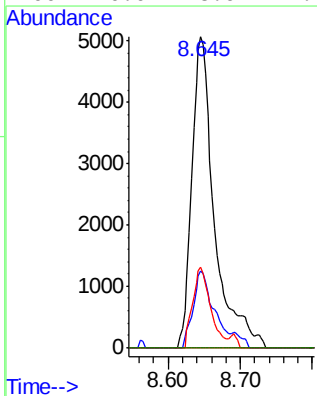
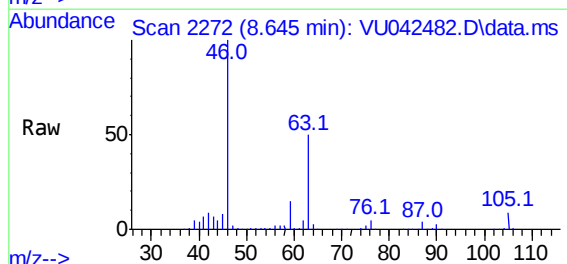
Ion	Ratio	Lower	Upper
164	100		
129	76.5	64.3	119.5
131	80.8	62.2	115.6
166	121.8	88.6	164.6

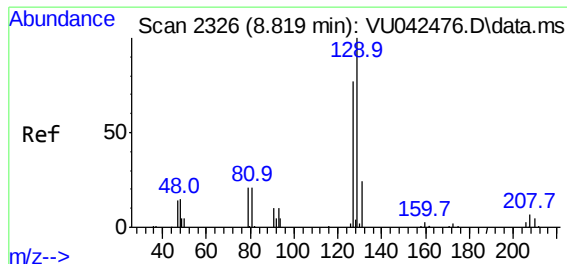


#48
2-Hexanone
Concen: 2.18 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.049 min
Lab File: VU042482.D
Acq: 04 Mar 2021 14:12

Tgt Ion: 43 Resp: 10986

Ion	Ratio	Lower	Upper
43	100		
58	22.8	40.6	61.0#
57	20.7	14.9	22.3
100	0.0	8.6	12.8#

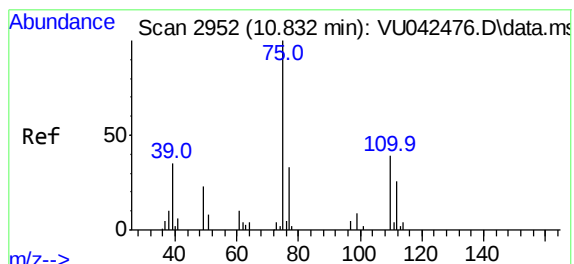
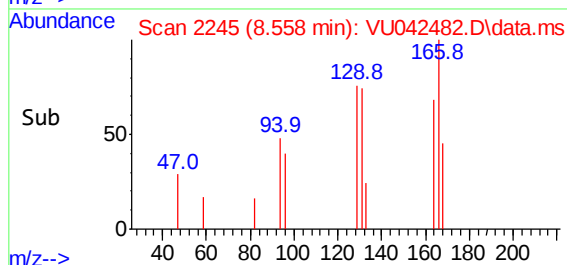
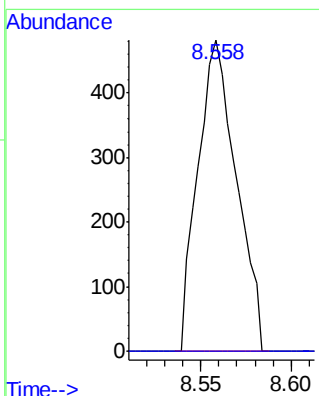
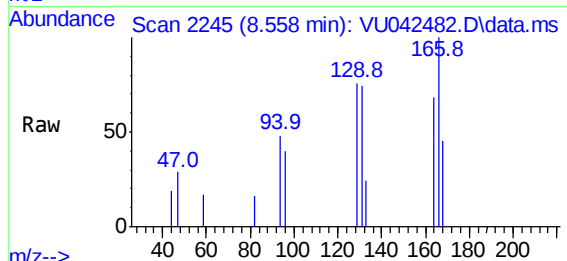




#49
Dibromochloromethane
Concen: 0.10 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.261 min
Lab File: VU042482.D
Acq: 04 Mar 2021 14:12

Instrument :
MSVOA_U
ClientSampleId :
F1G01

Tgt Ion: 129 Resp: 710
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#59
1,2,3-Trichloropropane
Concen: 0.95 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 0.990 min
Lab File: VU042482.D
Acq: 04 Mar 2021 14:12

Tgt Ion: 75 Resp: 5582
Ion Ratio Lower Upper
75 100
77 38.6 26.0 39.0

