

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031921\
 Data File : VU042715.D
 Acq On : 19 Mar 2021 13:03
 Operator : SY/MD
 Sample : M1699-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BH1

Quant Time: Mar 20 05:48:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 20 05:47:33 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

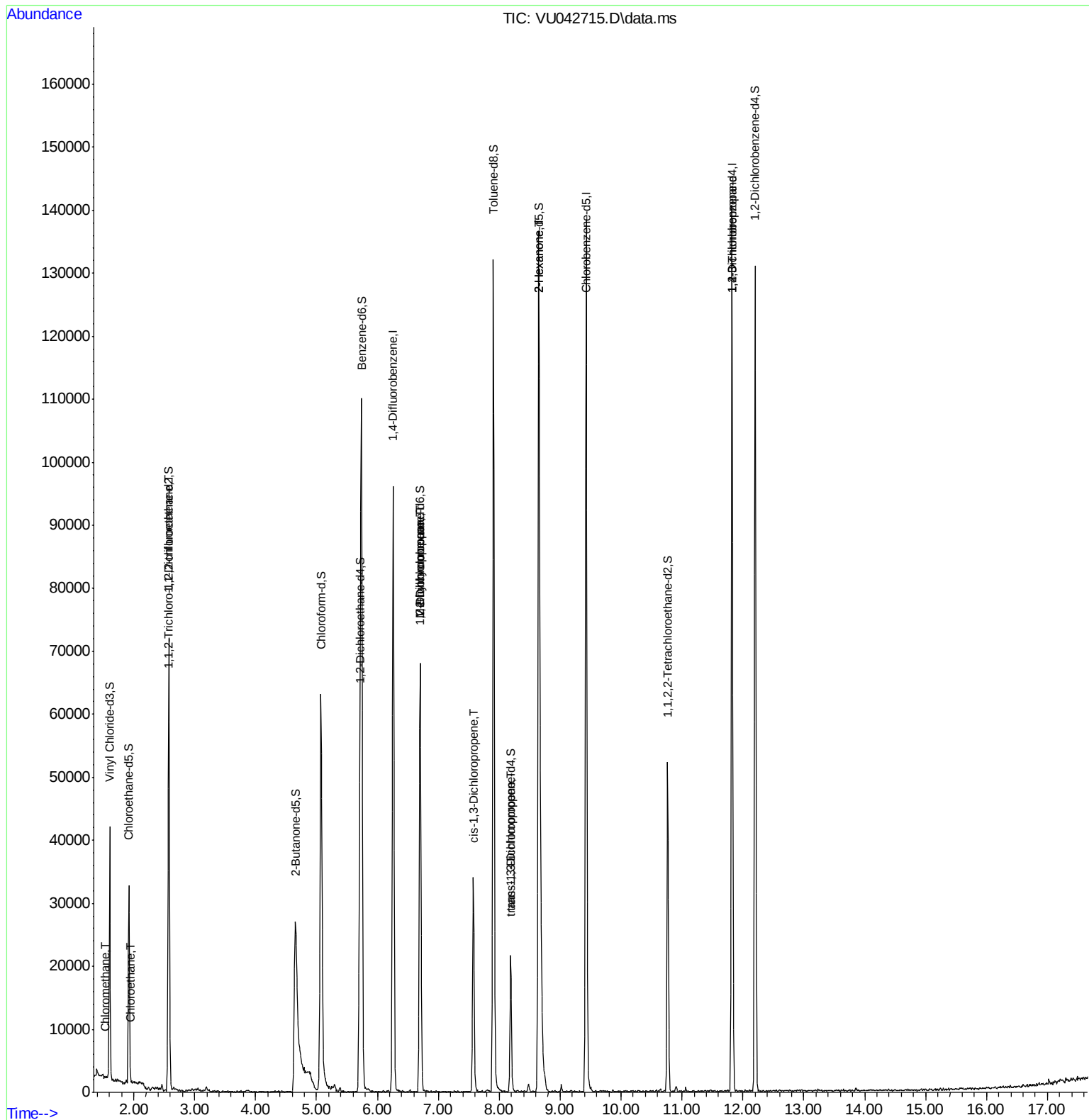
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	74199	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	73326	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	35475	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25304	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.919	69	20884	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.60%
11) 1,1-Dichloroethene-d2	2.575	63	43386	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	4.658	46	64393	39.65	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.30%
24) Chloroform-d	5.073	84	48530	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.713	65	30689	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.738	84	90926	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.700	67	29250	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.906	98	84122	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloroprop...	8.189	79	11239	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.648	63	58768	45.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.60%
57) 1,1,2,2-Tetrachloroeth...	10.767	84	24130	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	12.201	152	32964	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%
Target Compounds						
3) Chloromethane	1.523	50	395	0.06	ug/L #	42
8) Chloroethane	1.941	64	161	0.04	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	294	0.05	ug/L #	18
35) Methylcyclohexane	6.700	83	7103	0.73	ug/L #	14
37) 1,2-Dichloropropane	6.703	63	3615	0.58	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	855	0.09	ug/L #	76
44) trans-1,3-Dichloropropene	8.192	75	542	0.07	ug/L #	69
48) 2-Hexanone	8.652	43	7338	1.84	ug/L #	71
59) 1,2,3-Trichloropropane	11.819	75	4418	0.95	ug/L #	86

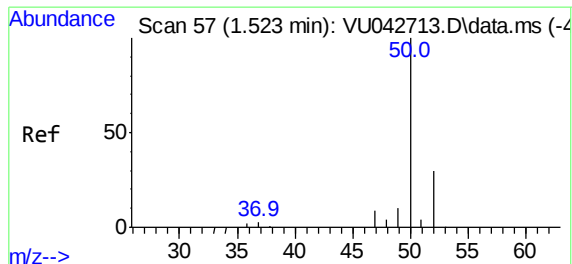
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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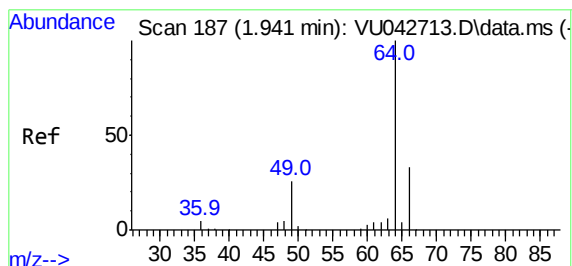
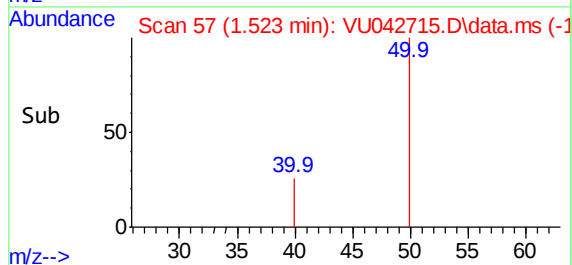
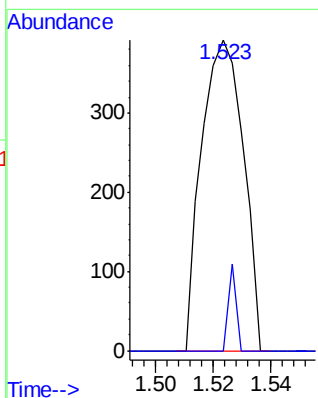
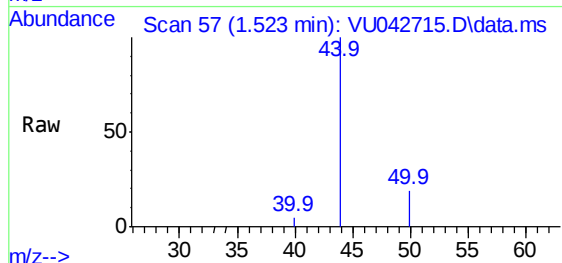




#3
Chloromethane
Concen: 0.06 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042715.D
Acq: 19 Mar 2021 13:03

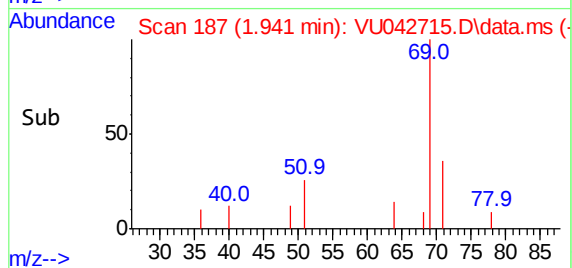
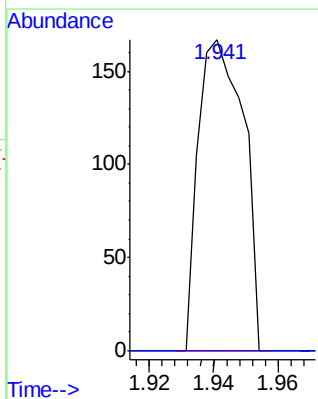
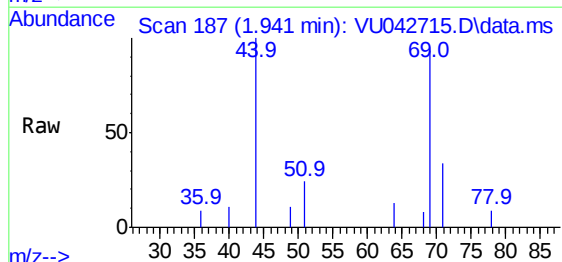
Instrument :
MSVOA_U
ClientSampleId :
C0BH1

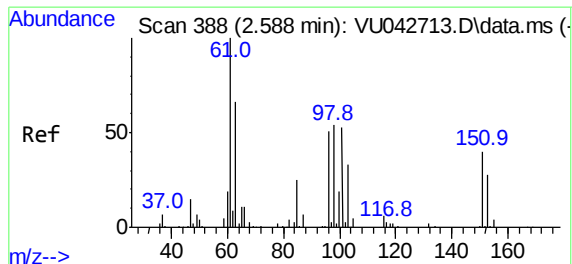
Tgt Ion: 50 Resp: 395
Ion Ratio Lower Upper
50 100
52 0.0 23.0 42.8#



#8
Chloroethane
Concen: 0.04 ug/L
RT: 1.941 min Scan# 187
Delta R.T. -0.000 min
Lab File: VU042715.D
Acq: 19 Mar 2021 13:03

Tgt Ion: 64 Resp: 161
Ion Ratio Lower Upper
64 100
66 0.0 22.2 41.2#

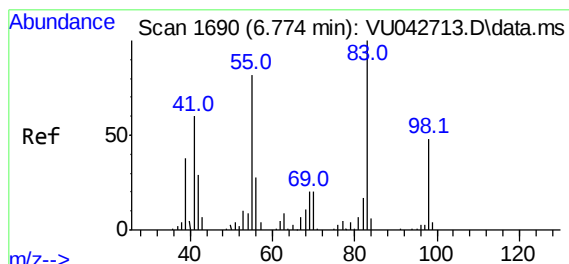
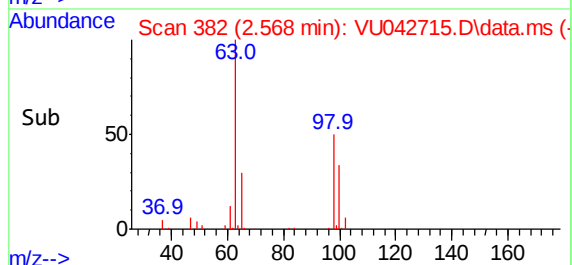
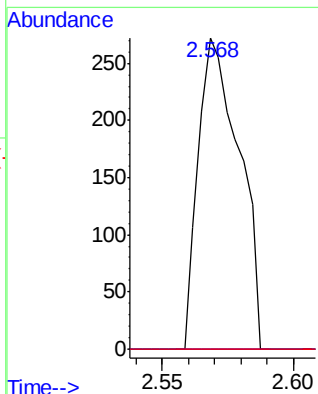
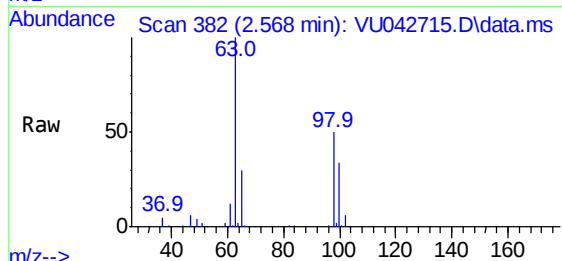




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.019 min
Lab File: VU042715.D
Acq: 19 Mar 2021 13:03

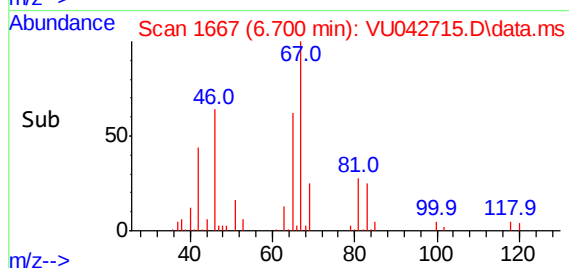
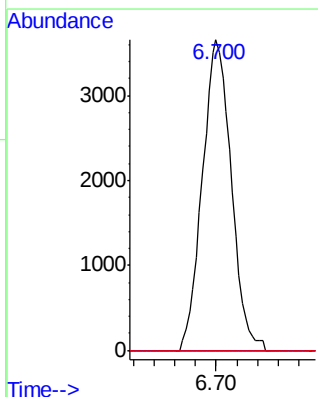
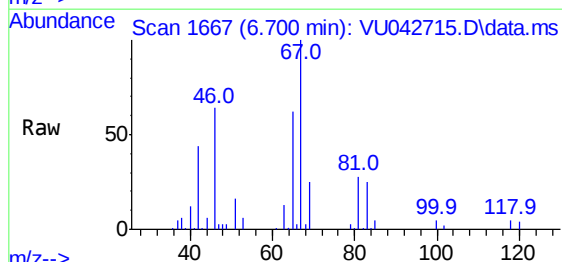
Instrument :
MSVOA_U
ClientSampleId :
C0BH1

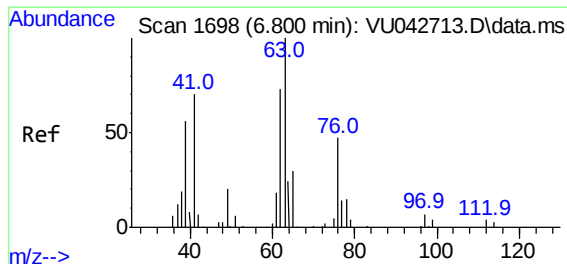
Tgt Ion:101 Resp: 294
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#



#35
Methylcyclohexane
Concen: 0.73 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042715.D
Acq: 19 Mar 2021 13:03

Tgt Ion: 83 Resp: 7103
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#

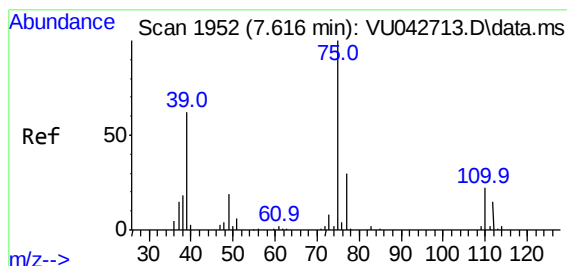
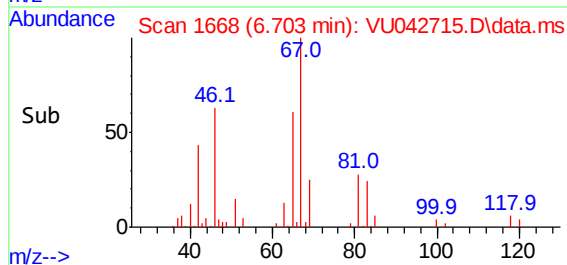
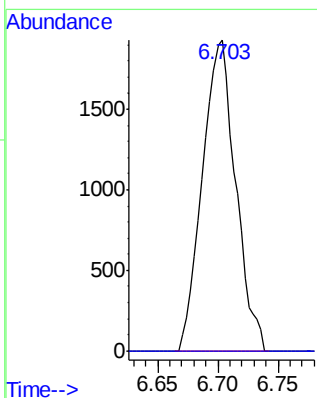
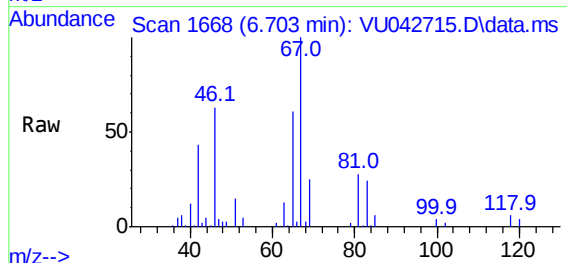




#37
1,2-Dichloropropane
Concen: 0.58 ug/L
RT: 6.703 min Scan# 1668
Delta R.T. -0.097 min
Lab File: VU042715.D
Acq: 19 Mar 2021 13:03

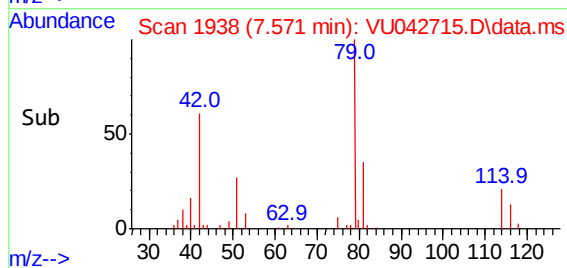
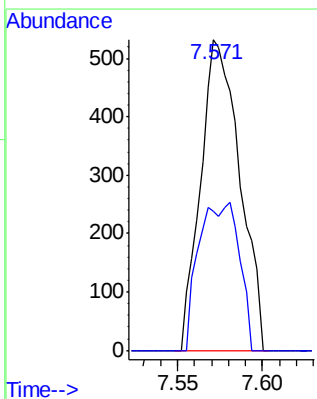
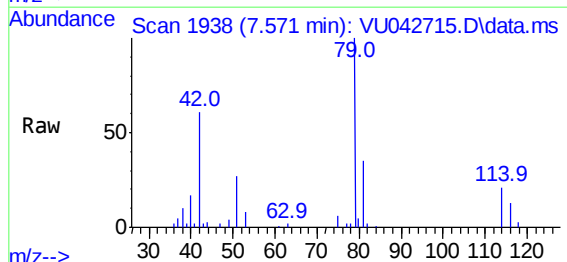
Instrument :
MSVOA_U
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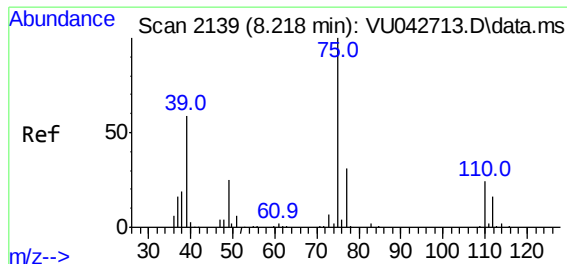
Tgt Ion: 63 Resp: 3615
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042715.D
Acq: 19 Mar 2021 13:03

Tgt Ion: 75 Resp: 855
Ion Ratio Lower Upper
75 100
77 44.9 22.0 40.8#



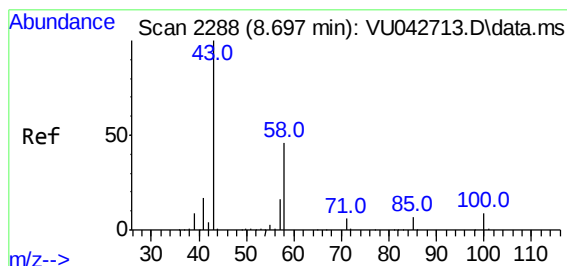
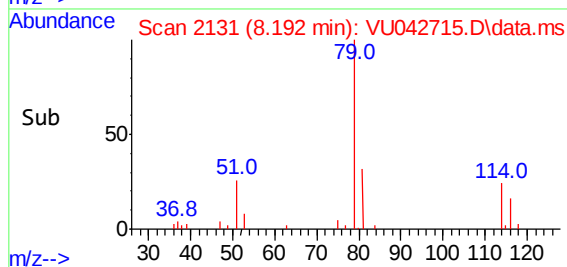
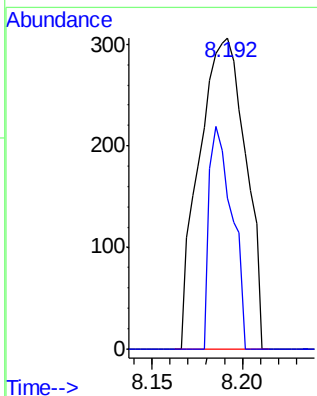
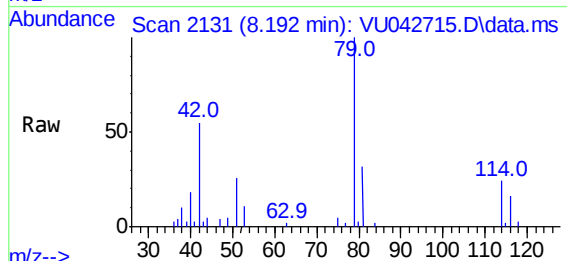


#44

trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.192 min Scan# 2131
Delta R.T. -0.026 min
Lab File: VU042715.D
Acq: 19 Mar 2021 13:03

Instrument :
MSVOA_U
ClientSampled :
C0BH1

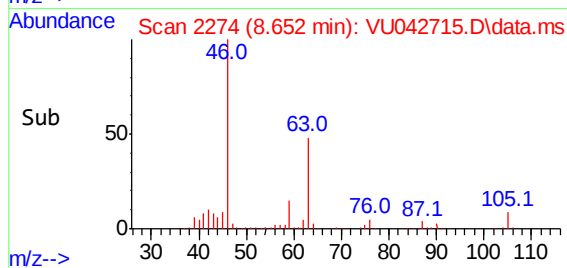
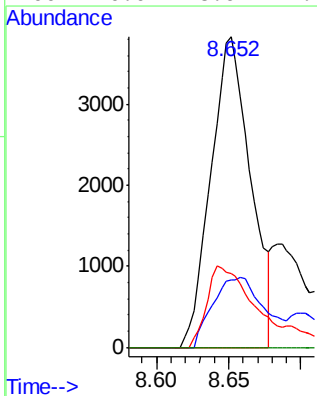
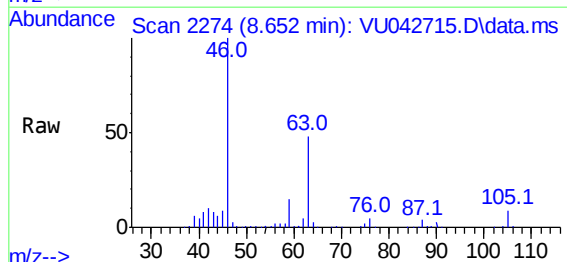
Tgt Ion: 75 Resp: 542
Ion Ratio Lower Upper
75 100
77 48.4 21.8 40.4#

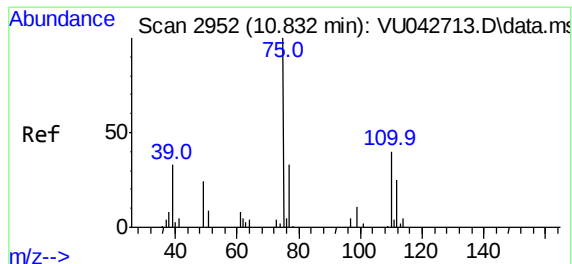


#48

2-Hexanone
Concen: 1.84 ug/L
RT: 8.652 min Scan# 2274
Delta R.T. -0.045 min
Lab File: VU042715.D
Acq: 19 Mar 2021 13:03

Tgt Ion: 43 Resp: 7338
Ion Ratio Lower Upper
43 100
58 29.8 40.6 61.0#
57 30.1 14.9 22.3#
100 0.0 8.6 12.8#





#59
 1,2,3-Trichloropropane
 Concen: 0.95 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042715.D
 Acq: 19 Mar 2021 13:03

Instrument :
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 ClientSampleId :
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Tgt Ion: 75 Resp: 4418
 Ion Ratio Lower Upper
 75 100
 77 40.3 26.0 39.0#

