

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
 Data File : VU042128.D
 Acq On : 21 Jan 2021 00:45
 Operator : SY/MD
 Sample : L1180-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E26

Quant Time: Jan 21 06:04:39 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 21 06:00:33 2021
 Response via : Initial Calibration

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

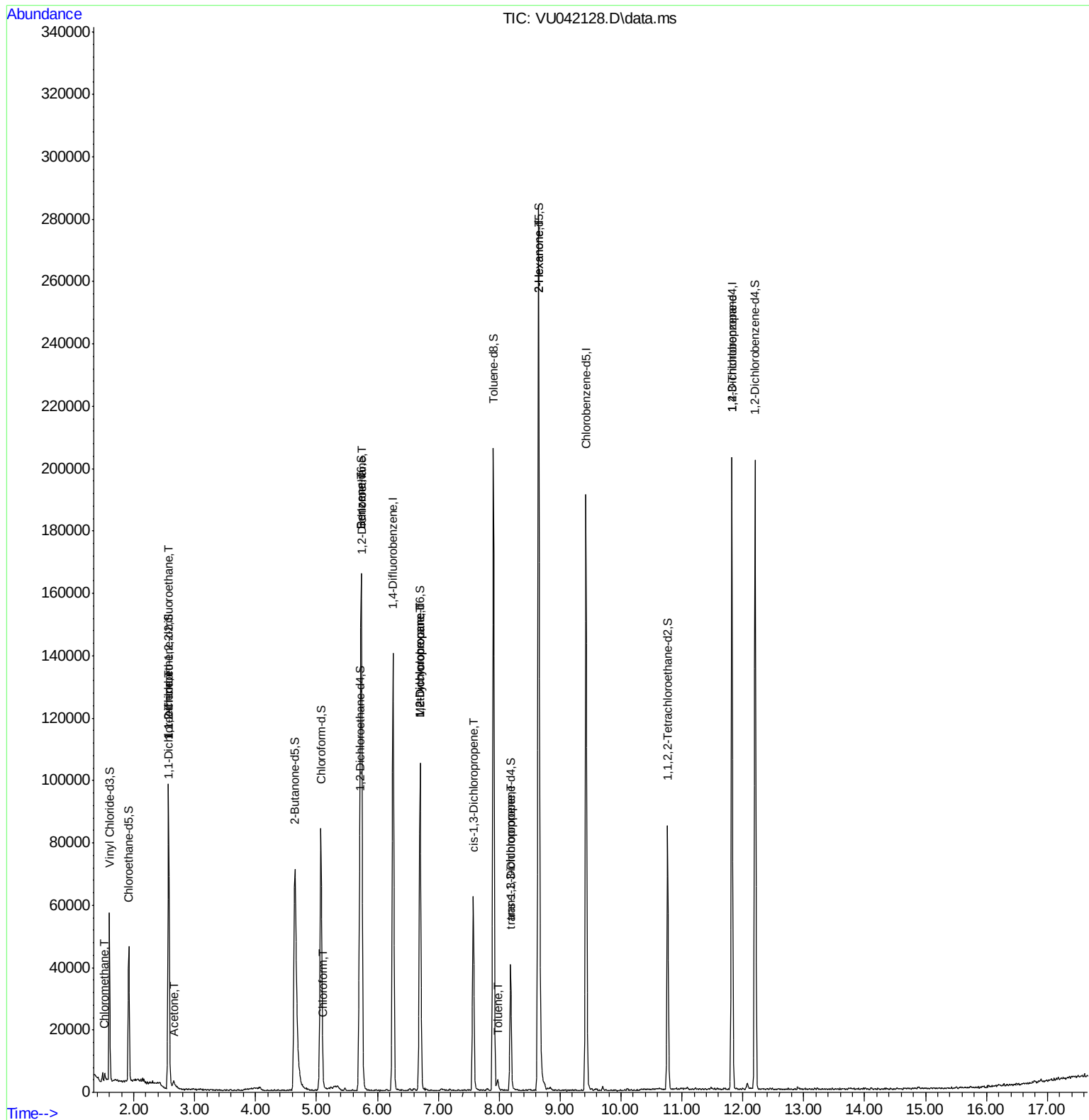
Internal Standards						
1) 1,4-Difluorobenzene	6.257	114	109527	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	102843	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	52353	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	34451	4.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	1.916	69	29168	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.572	63	60180	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	4.646	46	147401	57.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.34%
24) Chloroform-d	5.073	84	74878	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.710	65	46802	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.736	84	142306	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
36) 1,2-Dichloropropane-d6	6.700	67	45313	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.906	98	129573	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
43) trans-1,3-Dichloroprop...	8.189	79	21736	4.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.00%
46) 2-Hexanone-d5	8.646	63	105792	55.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.68%
57) 1,1,2,2-Tetrachloroeth...	10.765	84	39419	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	12.202	152	51929	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%
Target Compounds						Qvalue
3) Chloromethane	1.521	50	1737	0.19	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	396	0.05	ug/L #	18
12) 1,1-Dichloroethene	2.578	96	475	0.06	ug/L #	1
13) Acetone	2.659	43	4325	2.52	ug/L	90
25) Chloroform	5.106	83	1172	0.08	ug/L	92
27) 1,2-Dichloroethane	5.739	62	910	0.09	ug/L #	75
33) Benzene	5.736	78	1239	0.04	ug/L	100
35) Methylcyclohexane	6.700	83	11079	0.81	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	5439	0.68	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1607	0.12	ug/L #	74
42) Toluene	7.980	91	2220	0.07	ug/L	94
44) trans-1,3-Dichloropropene	8.183	75	1046	0.09	ug/L	85
48) 2-Hexanone	8.646	43	16233	3.42	ug/L #	69
59) 1,2,3-Trichloropropane	11.819	75	6006	1.07	ug/L	94

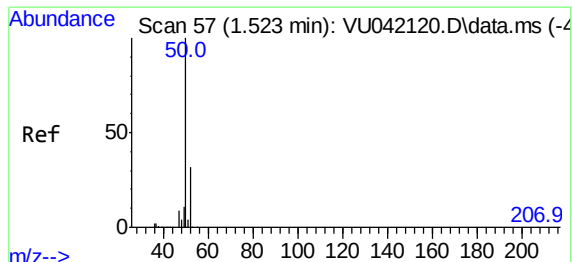
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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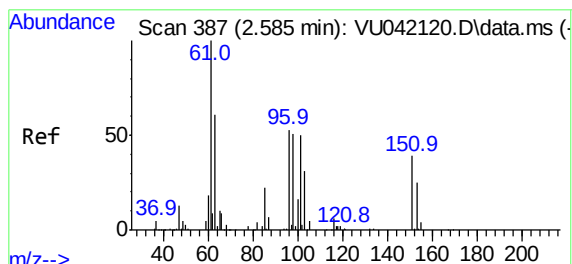
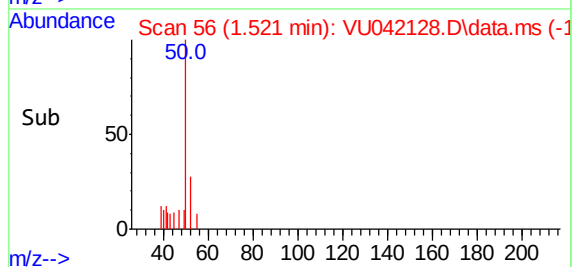
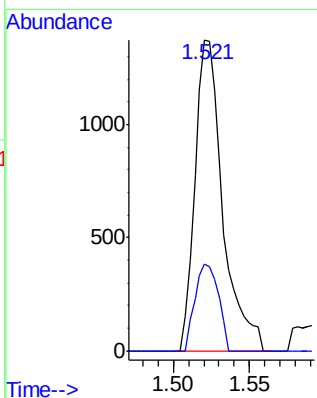
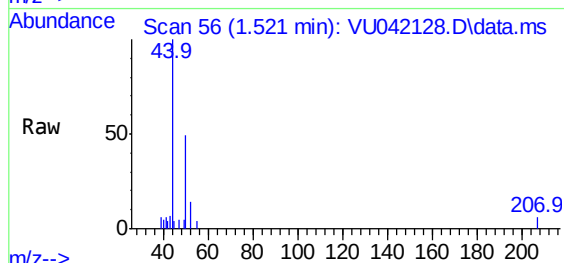




#3
Chloromethane
Concen: 0.19 ug/L
RT: 1.521 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042128.D
Acq: 21 Jan 2021 00:45

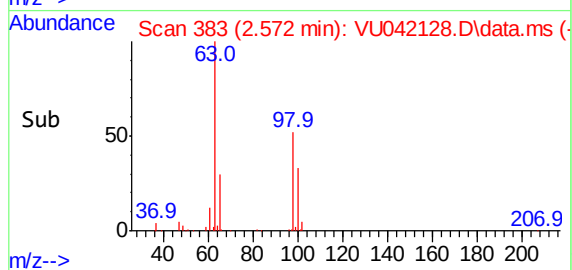
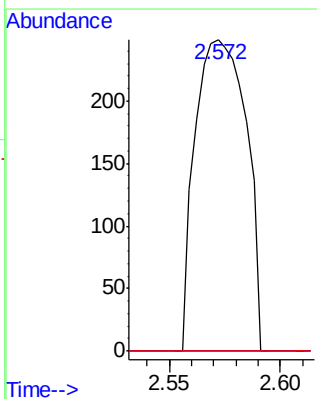
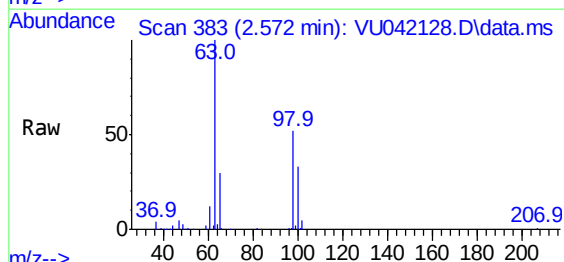
Instrument :
MSVOA_U
ClientSampleId :
F1E26

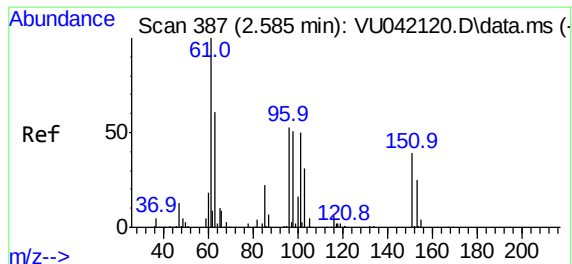
Tgt Ion: 50 Resp: 1737
Ion Ratio Lower Upper
50 100
52 28.0 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU042128.D
Acq: 21 Jan 2021 00:45

Tgt Ion:101 Resp: 396
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#

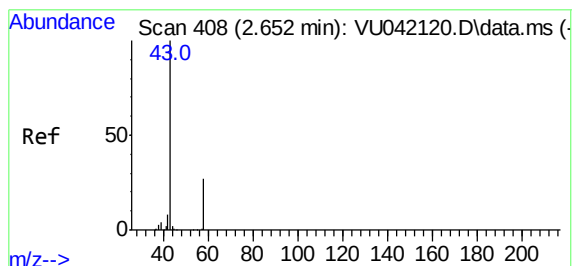
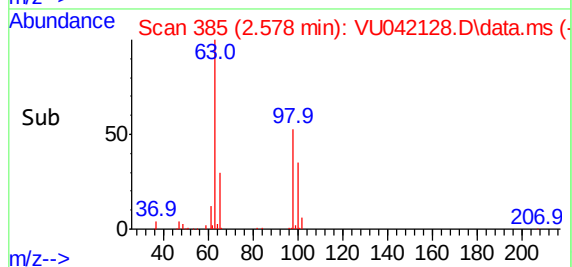
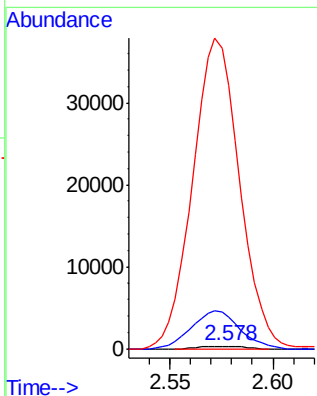
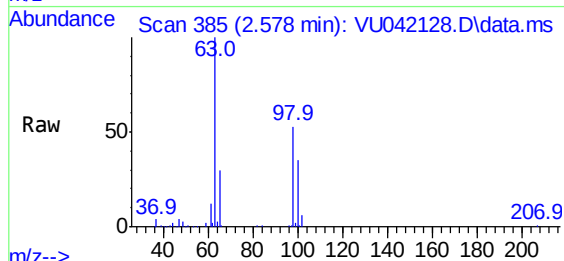




#12
1,1-Dichloroethene
Concen: 0.06 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.006 min
Lab File: VU042128.D
Acq: 21 Jan 2021 00:45

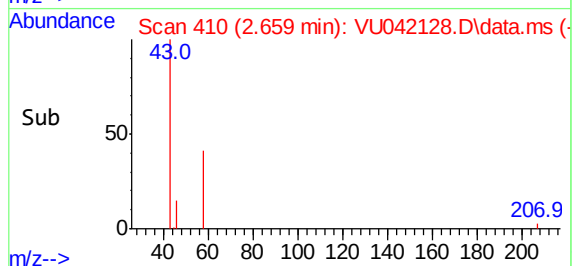
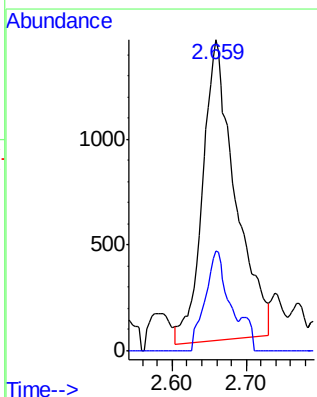
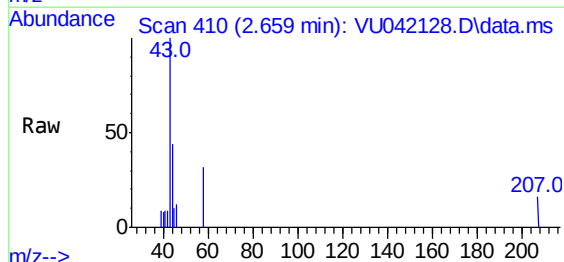
Instrument :
MSVOA_U
ClientSampleId :
F1E26

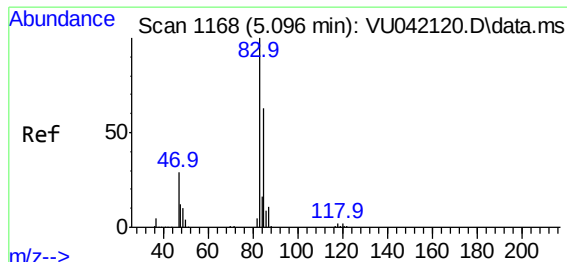
Tgt Ion: 96 Resp: 475
Ion Ratio Lower Upper
96 100
61 1296.7 126.2 234.4#
63 10652.5 77.8 144.4#



#13
Acetone
Concen: 2.52 ug/L
RT: 2.659 min Scan# 410
Delta R.T. 0.007 min
Lab File: VU042128.D
Acq: 21 Jan 2021 00:45

Tgt Ion: 43 Resp: 4325
Ion Ratio Lower Upper
43 100
58 22.6 0.0 55.8





#25

Chloroform

Concen: 0.08 ug/L

RT: 5.106 min Scan# 1171

Delta R.T. 0.010 min

Lab File: VU042128.D

Acq: 21 Jan 2021 00:45

Tgt Ion: 83 Resp: 1172

Ion Ratio Lower Upper

83 100

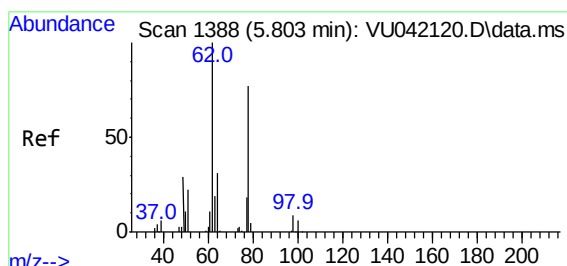
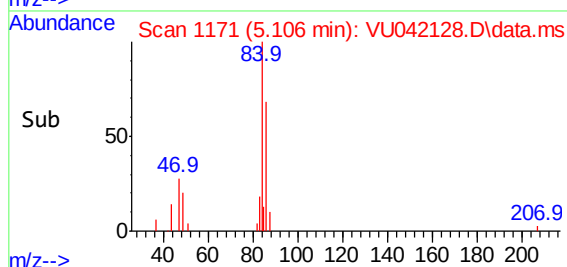
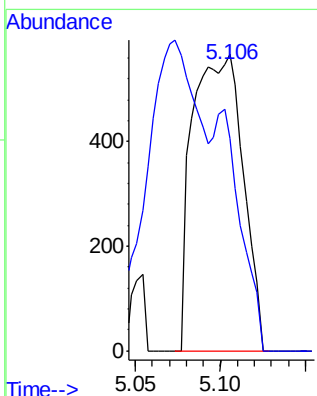
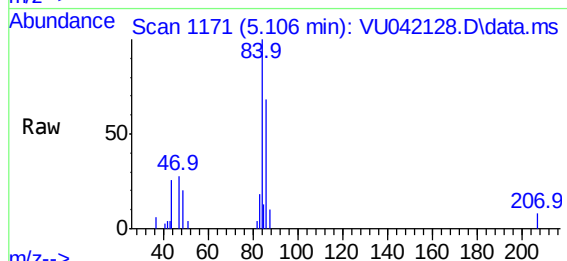
85 71.6 45.7 84.9

Instrument :

MSVOA_U

ClientSampleId :

F1E26



#27

1,2-Dichloroethane

Concen: 0.09 ug/L

RT: 5.739 min Scan# 1368

Delta R.T. -0.064 min

Lab File: VU042128.D

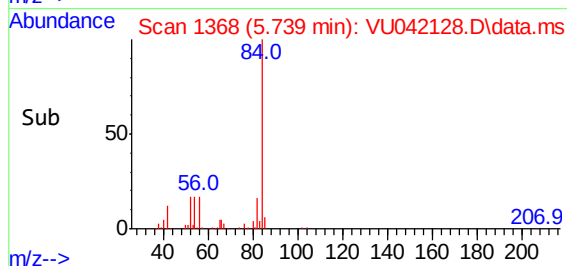
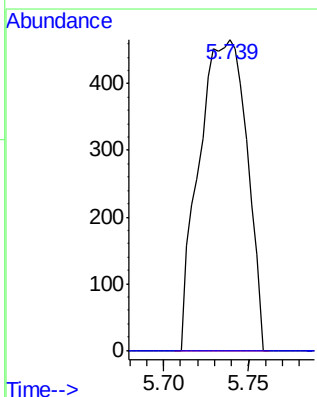
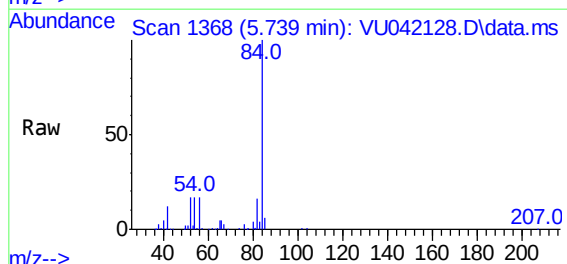
Acq: 21 Jan 2021 00:45

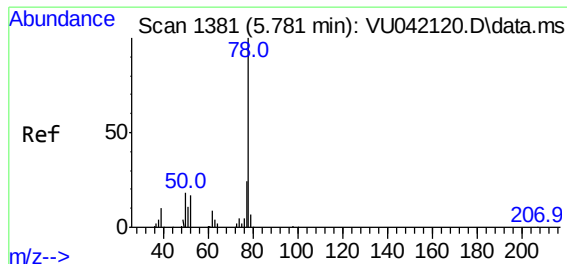
Tgt Ion: 62 Resp: 910

Ion Ratio Lower Upper

62 100

98 0.0 7.3 10.9#

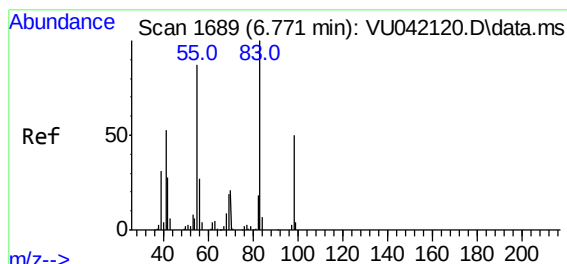
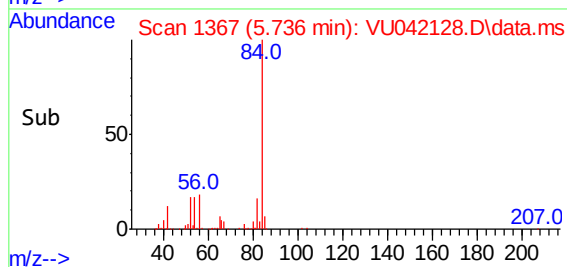
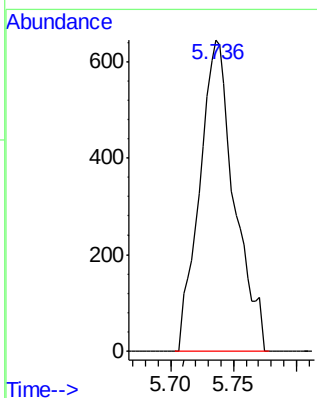
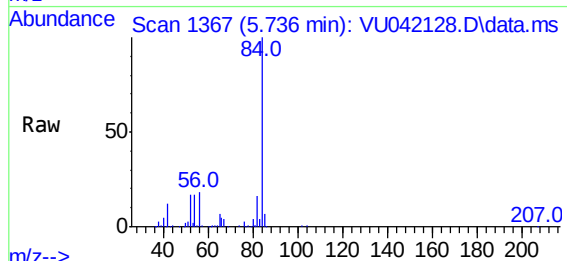




#33
Benzene
Concen: 0.04 ug/L
RT: 5.736 min Scan# 1367
Delta R.T. -0.045 min
Lab File: VU042128.D
Acq: 21 Jan 2021 00:45

Instrument :
MSVOA_U
ClientSampleId :
F1E26

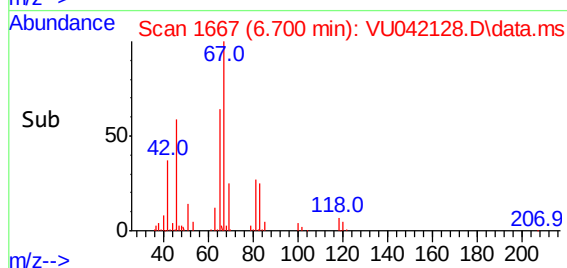
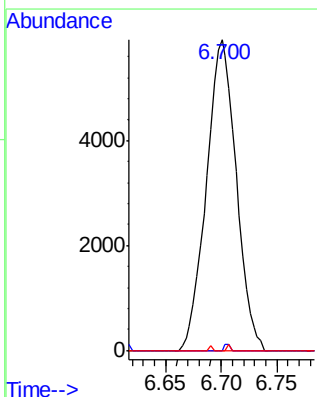
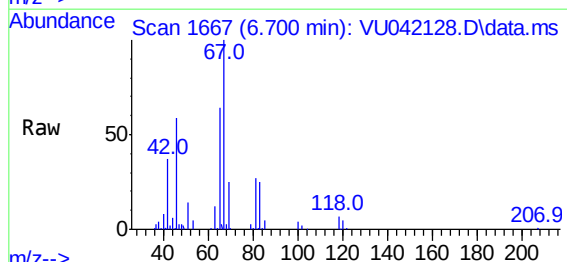
Tgt Ion: 78 Resp: 1239

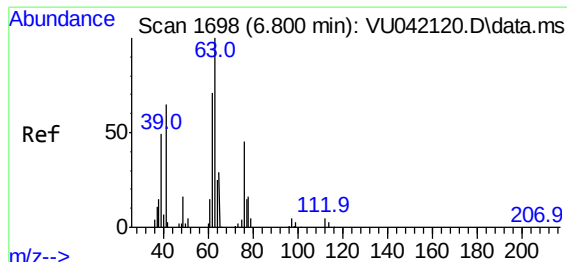


#35
Methylcyclohexane
Concen: 0.81 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.070 min
Lab File: VU042128.D
Acq: 21 Jan 2021 00:45

Tgt Ion: 83 Resp: 11079

Ion	Ratio	Lower	Upper
83	100		
55	0.4	68.2	102.4#
98	0.2	39.7	59.5#

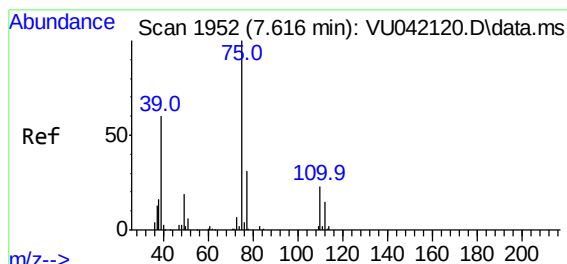
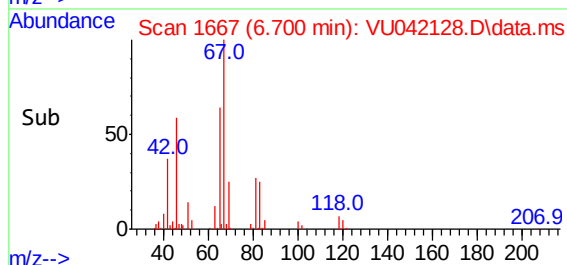
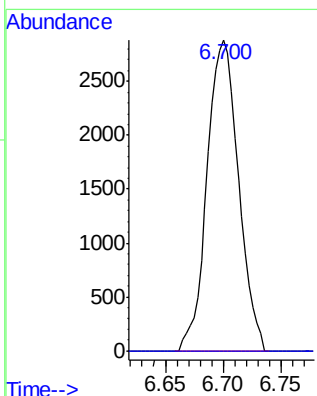
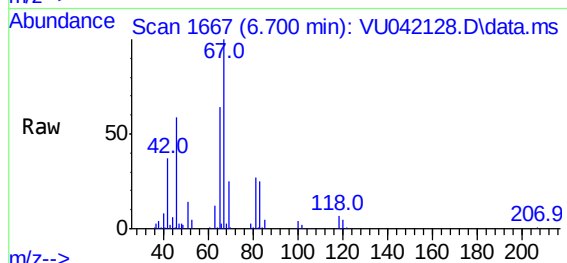




#37
1,2-Dichloropropane
Concen: 0.68 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.099 min
Lab File: VU042128.D
Acq: 21 Jan 2021 00:45

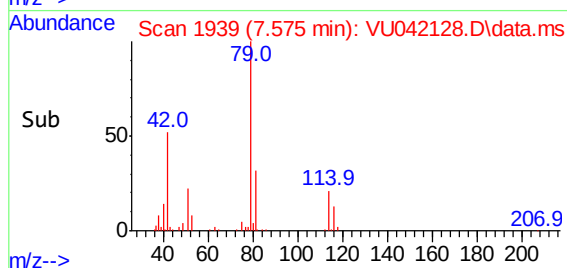
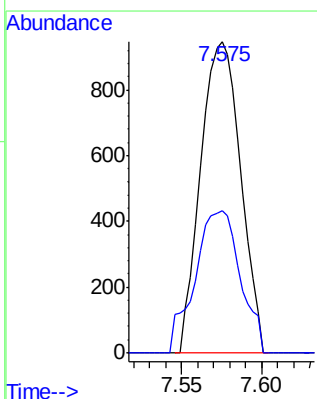
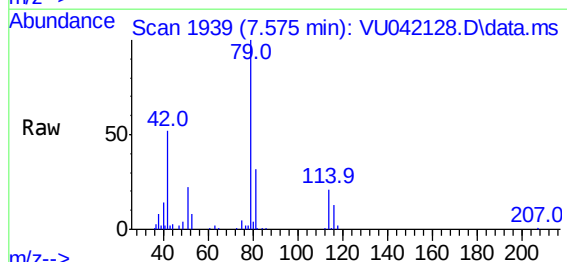
Instrument :
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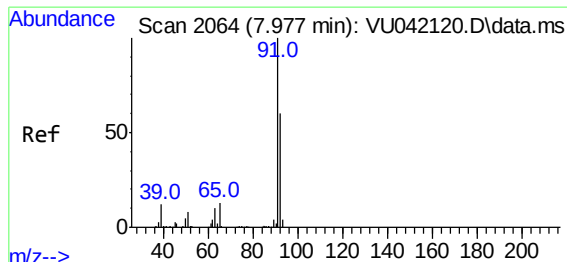
Tgt Ion: 63 Resp: 5439
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042128.D
Acq: 21 Jan 2021 00:45

Tgt Ion: 75 Resp: 1607
Ion Ratio Lower Upper
75 100
77 45.8 22.0 40.8#





#42

Toluene

Concen: 0.07 ug/L

RT: 7.980 min Scan# 2065

Delta R.T. 0.003 min

Lab File: VU042128.D

Acq: 21 Jan 2021 00:45

Tgt Ion: 91 Resp: 2220

Ion Ratio Lower Upper

91 100

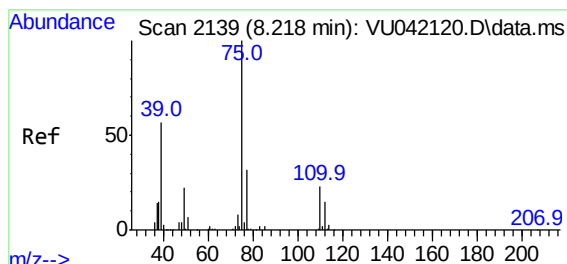
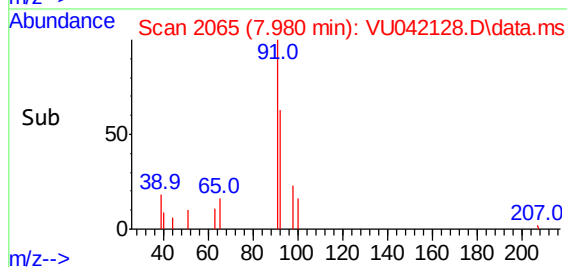
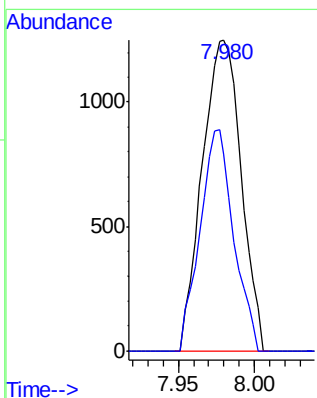
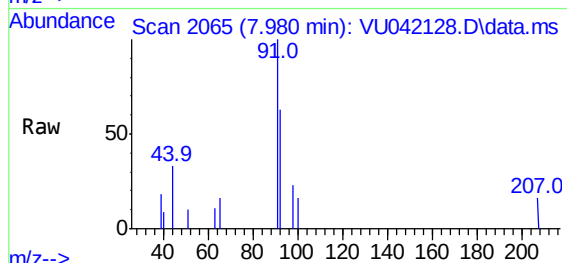
92 63.3 41.2 76.6

Instrument :

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#44

trans-1,3-Dichloropropene

Concen: 0.09 ug/L

RT: 8.183 min Scan# 2128

Delta R.T. -0.035 min

Lab File: VU042128.D

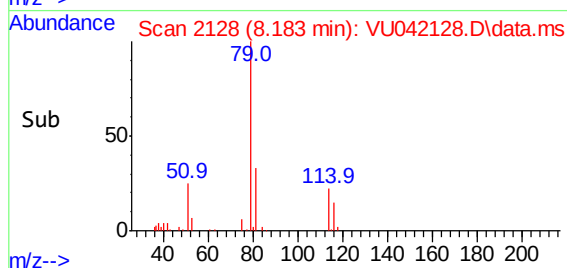
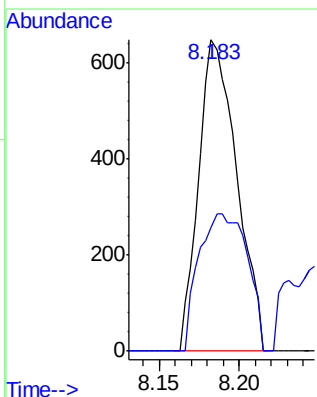
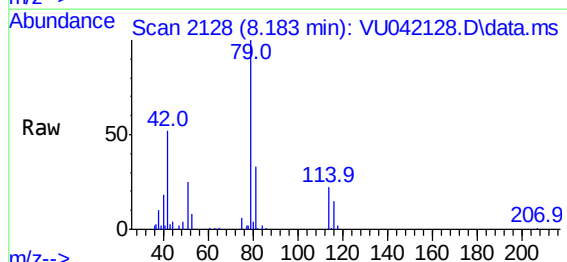
Acq: 21 Jan 2021 00:45

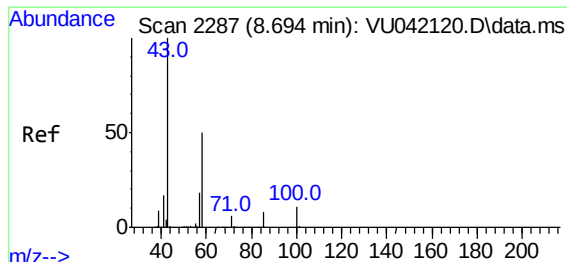
Tgt Ion: 75 Resp: 1046

Ion Ratio Lower Upper

75 100

77 39.5 21.8 40.4

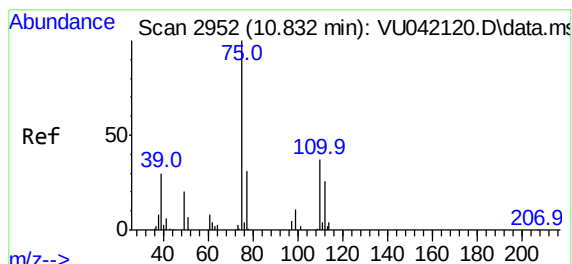
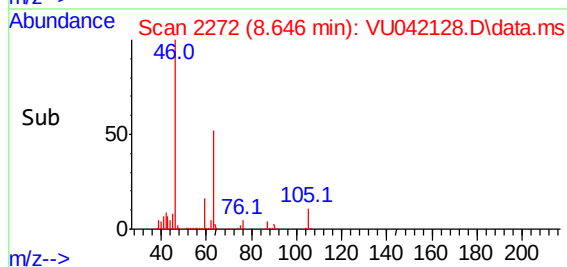
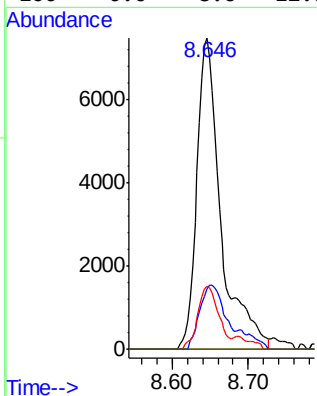
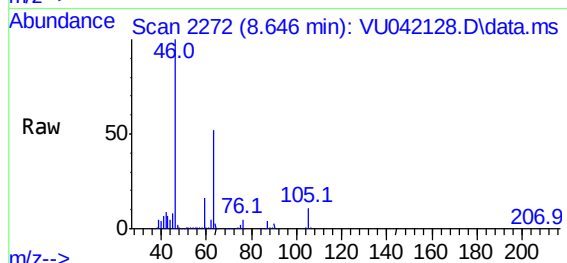




#48
2-Hexanone
Concen: 3.42 ug/L
RT: 8.646 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU042128.D
Acq: 21 Jan 2021 00:45

Instrument :
MSVOA_U
ClientSampleId :
F1E26

Tgt Ion: 43 Resp: 16233
Ion Ratio Lower Upper
43 100
58 21.4 40.6 61.0#
57 17.6 14.9 22.3
100 0.0 8.6 12.8#



#59
1,2,3-Trichloropropane
Concen: 1.07 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042128.D
Acq: 21 Jan 2021 00:45

Tgt Ion: 75 Resp: 6006
Ion Ratio Lower Upper
75 100
77 36.0 26.0 39.0

