

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012221\
 Data File : VU042182.D
 Acq On : 22 Jan 2021 20:10
 Operator : SY/MD
 Sample : M1222-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E38

Quant Time: Jan 23 06:26:18 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 23 06:18:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	98820	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	93407	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	49074	5.00	ug/L	0.00

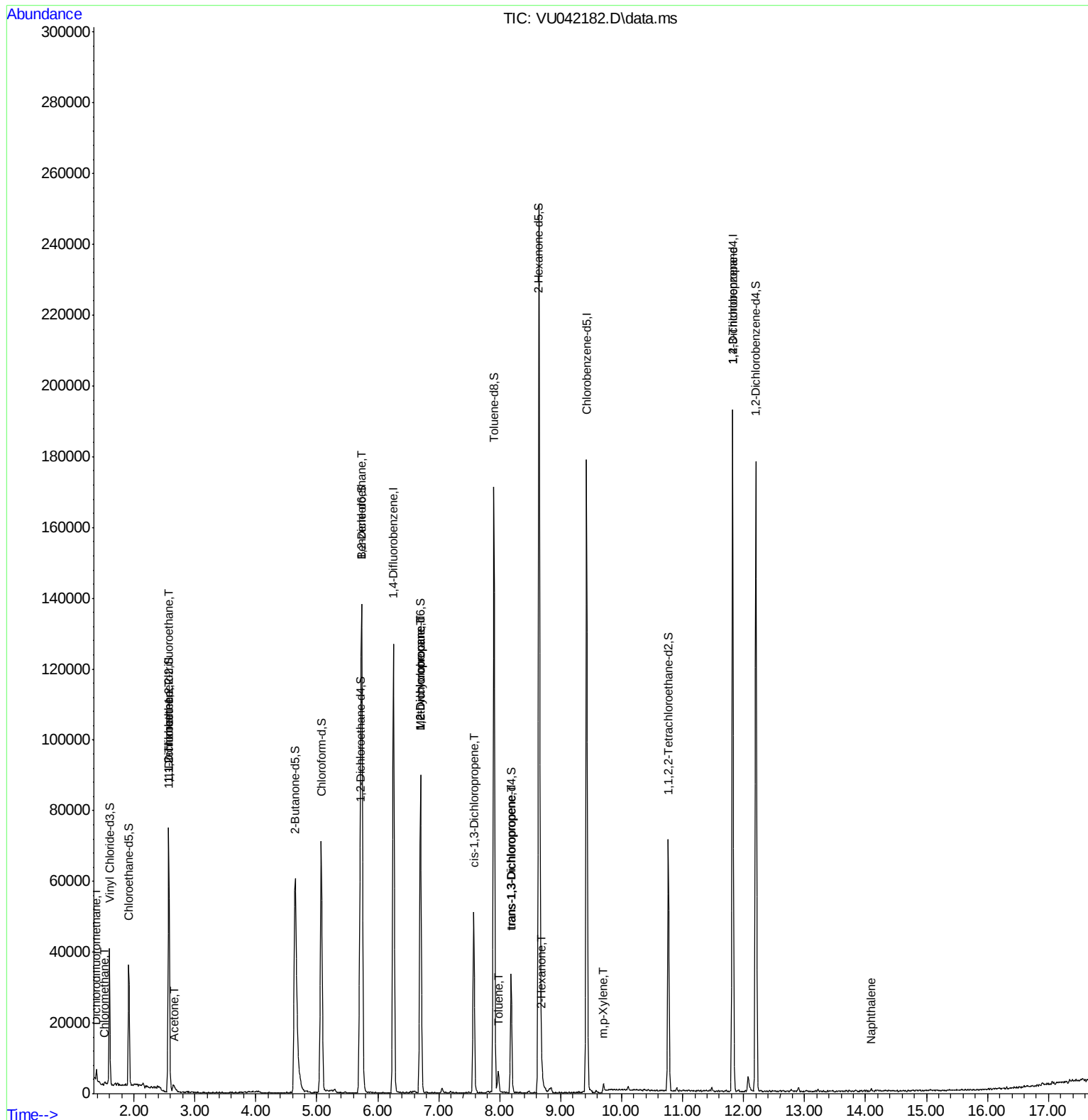
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	24842	3.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.00%
7) Chloroethane-d5	1.916	69	22438	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.572	63	45272	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.646	46	125195	53.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.64%
24) Chloroform-d	5.073	84	63204	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.710	65	39962	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.736	84	116940	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.700	67	38821	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.906	98	106110	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloroprop...	8.186	79	17910	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.642	63	88181	50.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.58%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	33182	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	12.202	152	44880	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

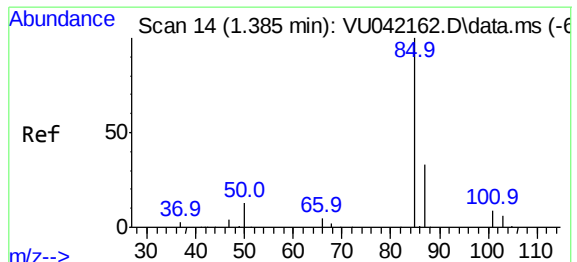
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.385	85	1629	0.18	ug/L 90
3) Chloromethane	1.520	50	435	0.05	ug/L 87
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	334	0.05	ug/L # 18
12) 1,1-Dichloroethene	2.575	96	367	0.05	ug/L # 1
13) Acetone	2.655	43	3724	2.40	ug/L 69
27) 1,2-Dichloroethane	5.732	62	812	0.08	ug/L # 75
35) Methylcyclohexane	6.700	83	9509	0.76	ug/L # 15
37) 1,2-Dichloropropane	6.700	63	4582	0.63	ug/L # 87
39) cis-1,3-Dichloropropene	7.572	75	1311	0.11	ug/L # 59
42) Toluene	7.977	91	4217	0.14	ug/L 100
44) trans-1,3-Dichloropropene	8.189	75	887	0.08	ug/L 92
48) 2-Hexanone	8.687	43	2524	0.59	ug/L # 87
53) m,p-Xylene	9.700	106	764	0.06	ug/L 81
59) 1,2,3-Trichloropropane	11.819	75	5632	1.10	ug/L # 86
69) Naphthalene	14.092	128	878	0.06	ug/L # 69

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

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MSVOA_U
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Quant Title : TRACE VOA SOM01.0
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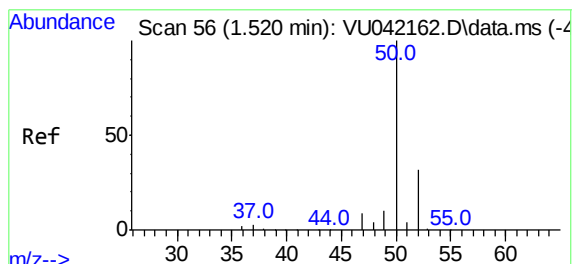
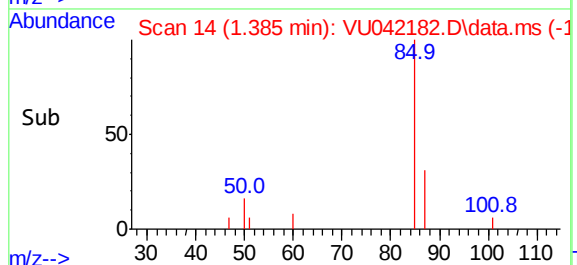
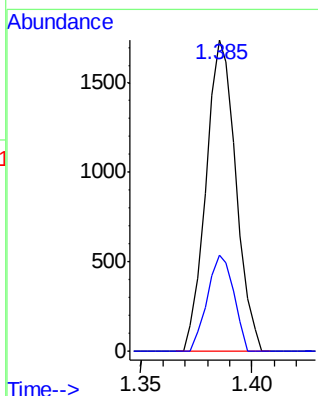
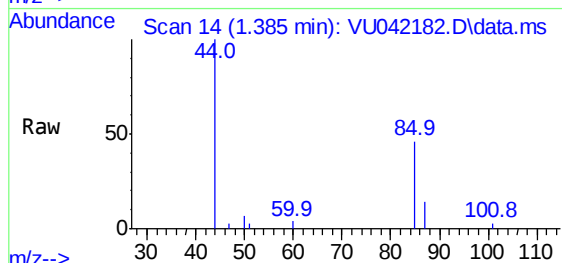




#2
Dichlorodifluoromethane
Concen: 0.18 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU042182.D
Acq: 22 Jan 2021 20:10

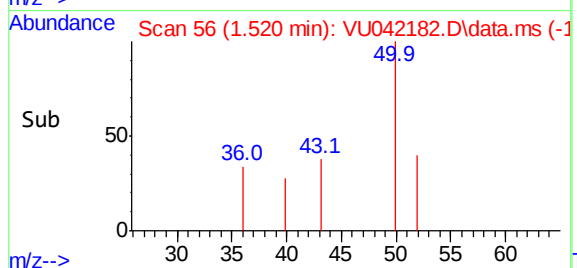
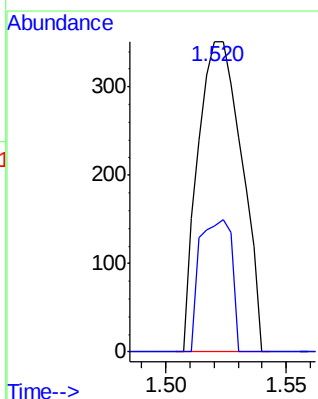
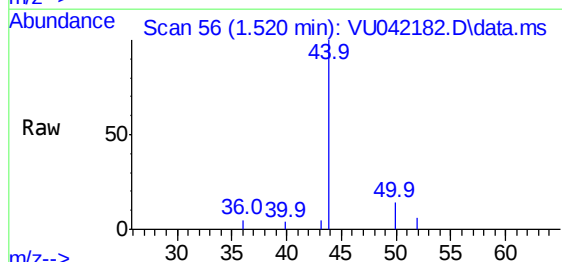
Instrument :
MSVOA_U
ClientSampled :
F1E38

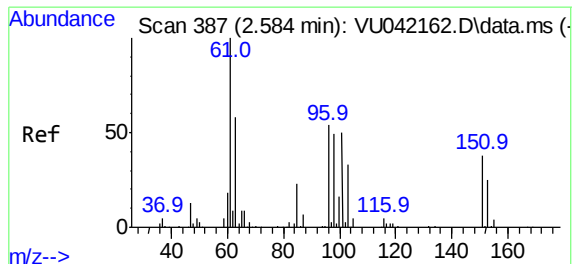
Tgt Ion: 85 Resp: 1629
Ion Ratio Lower Upper
85 100
87 27.1 26.1 39.1



#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU042182.D
Acq: 22 Jan 2021 20:10

Tgt Ion: 50 Resp: 435
Ion Ratio Lower Upper
50 100
52 40.5 23.0 42.8

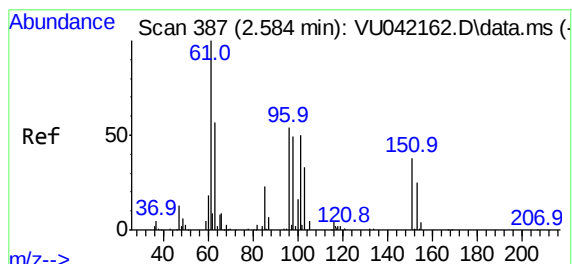
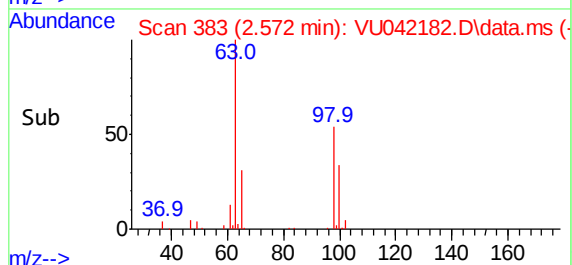
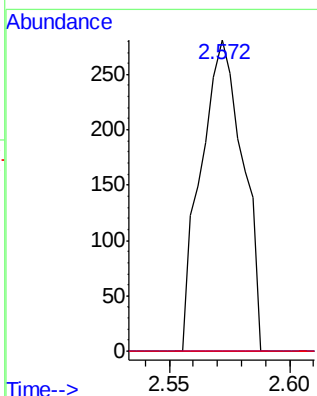
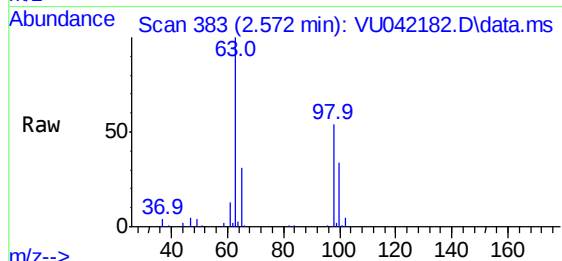




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.05 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU042182.D
 Acq: 22 Jan 2021 20:10

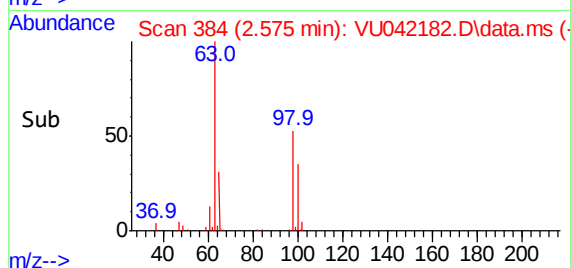
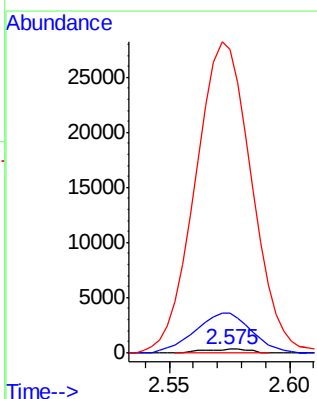
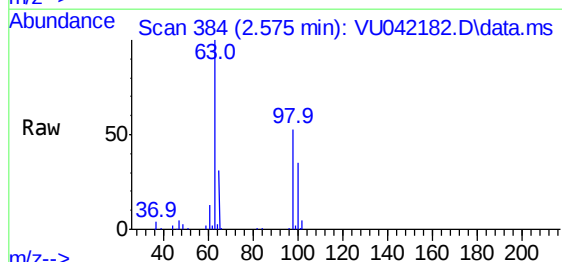
Instrument :
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 ClientSampleId :
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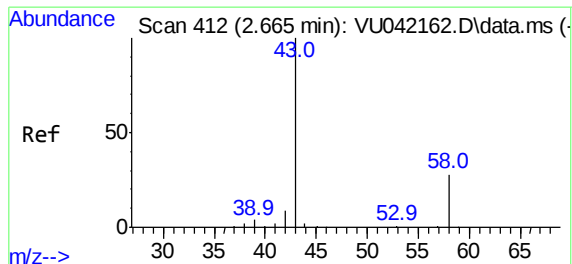
Tgt Ion:101 Resp: 334
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 62.7 94.1#



#12
 1,1-Dichloroethene
 Concen: 0.05 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.010 min
 Lab File: VU042182.D
 Acq: 22 Jan 2021 20:10

Tgt Ion: 96 Resp: 367
 Ion Ratio Lower Upper
 96 100
 61 1361.0 126.2 234.4#
 63 10436.4 77.8 144.4#

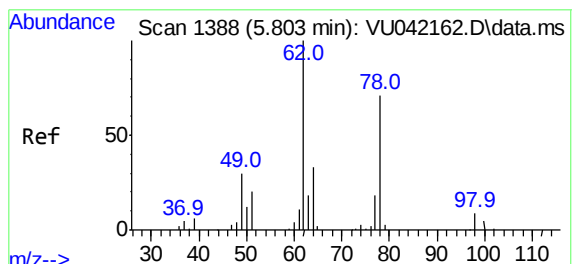
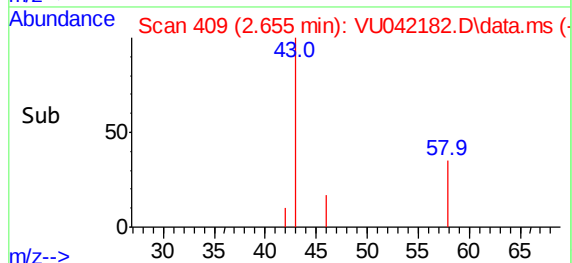
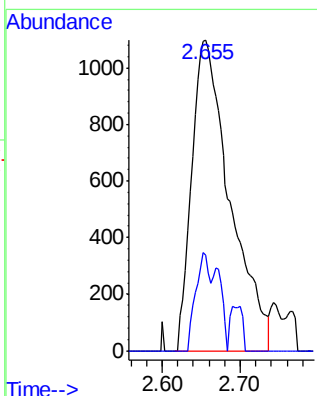
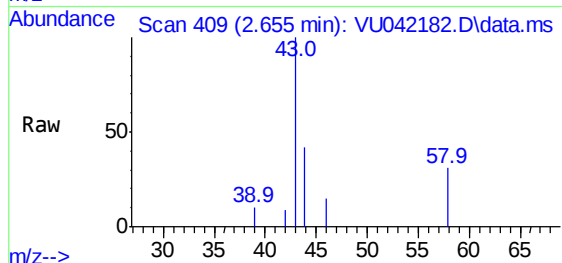




#13
Acetone
Concen: 2.40 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.009 min
Lab File: VU042182.D
Acq: 22 Jan 2021 20:10

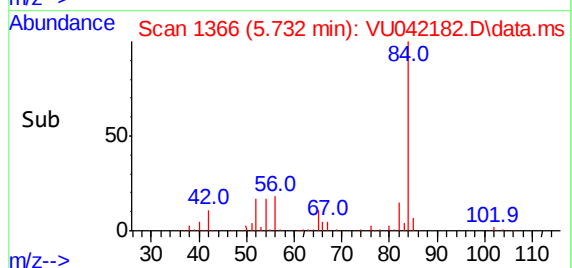
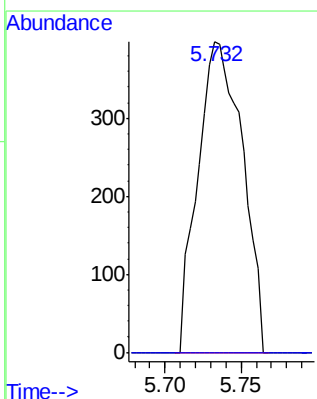
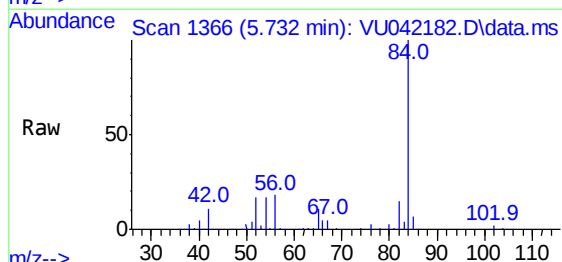
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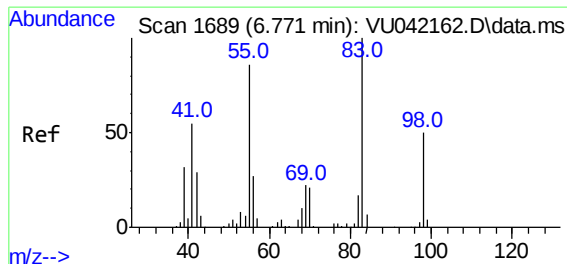
Tgt Ion: 43 Resp: 3724
Ion Ratio Lower Upper
43 100
58 11.4 0.0 55.8



#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.071 min
Lab File: VU042182.D
Acq: 22 Jan 2021 20:10

Tgt Ion: 62 Resp: 812
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

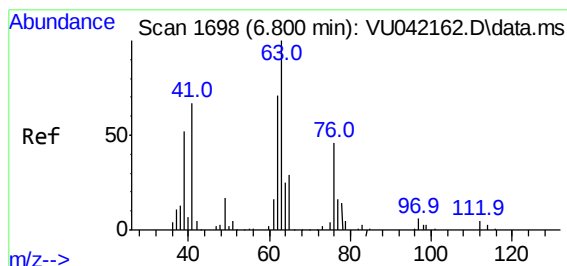
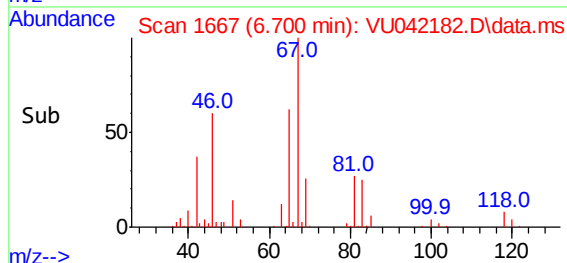
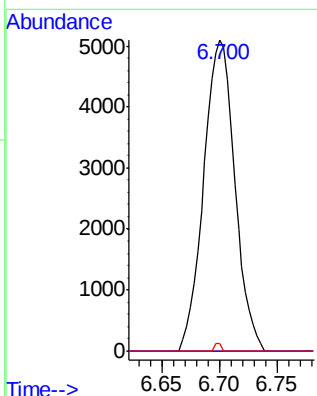
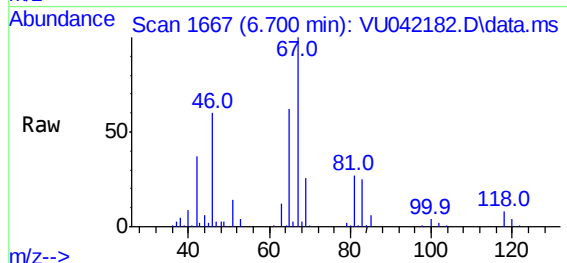




#35
Methylcyclohexane
Concen: 0.76 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042182.D
Acq: 22 Jan 2021 20:10

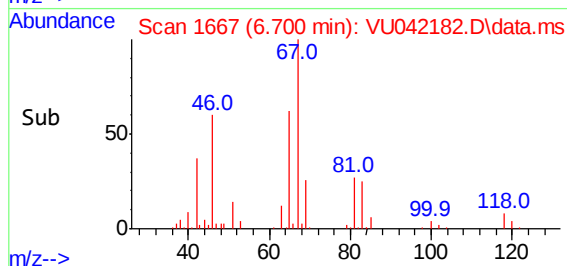
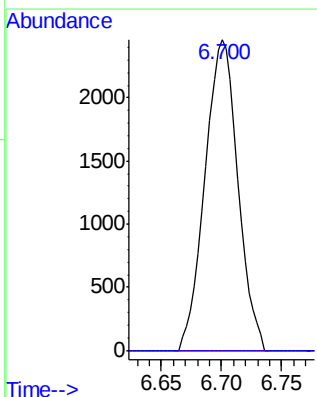
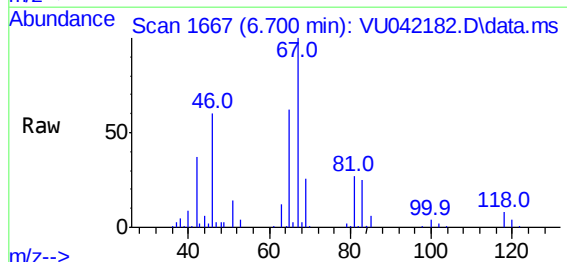
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ClientSampleId :
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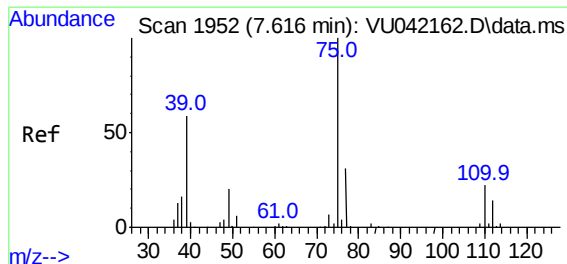
Tgt Ion: 83 Resp: 9509
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.5 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.63 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042182.D
Acq: 22 Jan 2021 20:10

Tgt Ion: 63 Resp: 4582
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

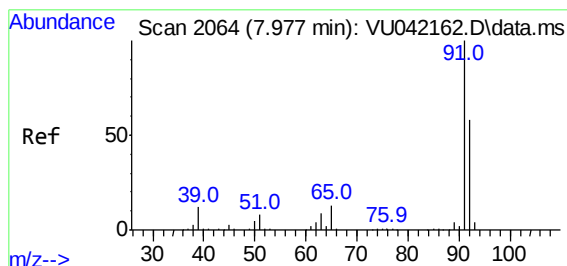
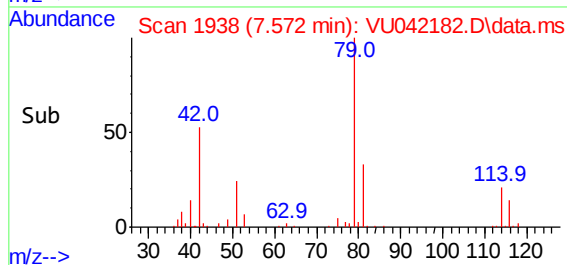
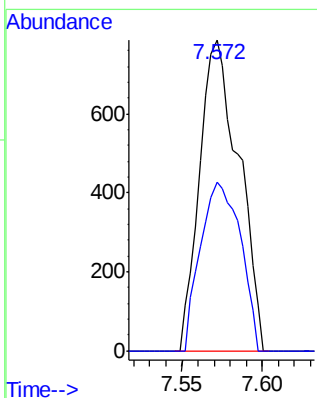
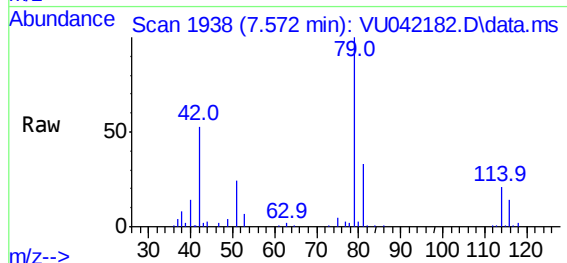




#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.572 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042182.D
Acq: 22 Jan 2021 20:10

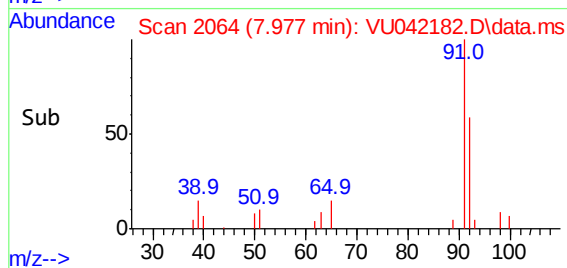
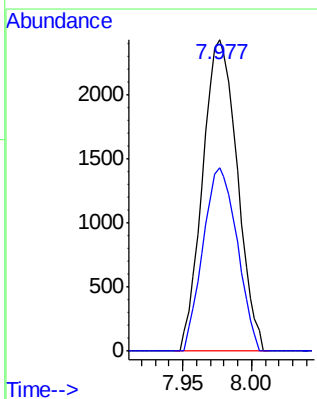
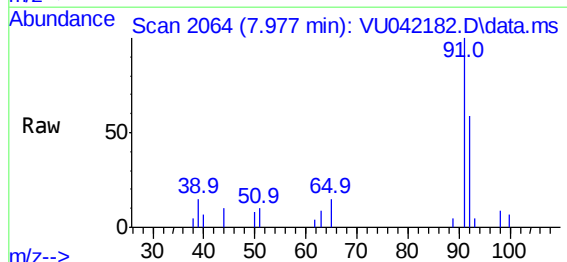
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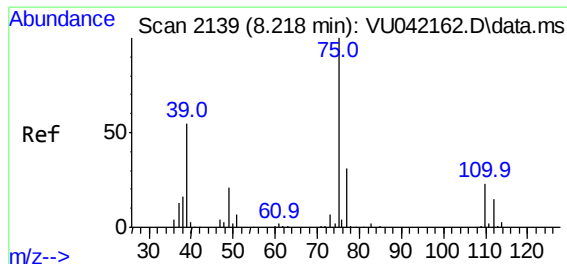
Tgt Ion: 75 Resp: 1311
Ion Ratio Lower Upper
75 100
77 54.1 22.0 40.8#



#42
Toluene
Concen: 0.14 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU042182.D
Acq: 22 Jan 2021 20:10

Tgt Ion: 91 Resp: 4217
Ion Ratio Lower Upper
91 100
92 58.9 41.2 76.6



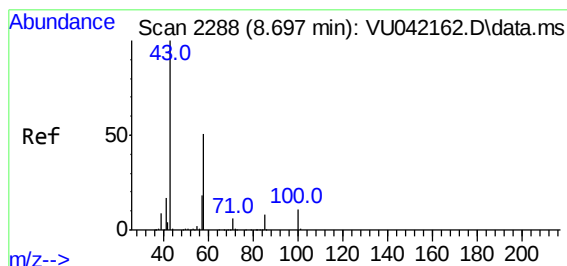
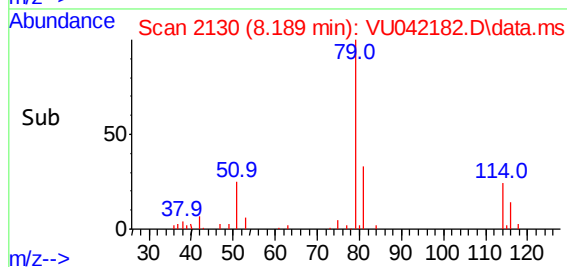
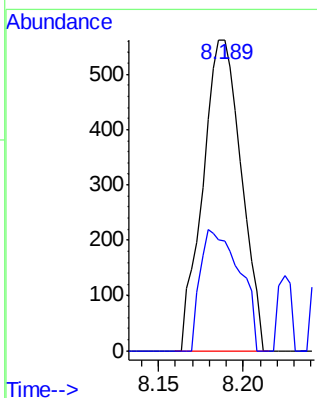
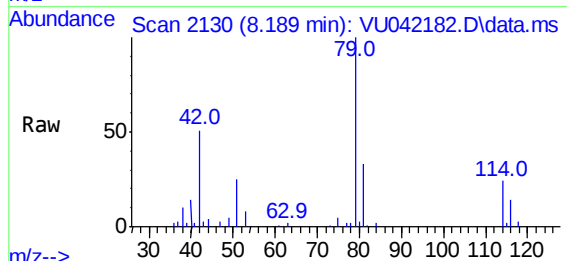


#44

trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042182.D
Acq: 22 Jan 2021 20:10

Instrument :
MSVOA_U
ClientSampled :
F1E38

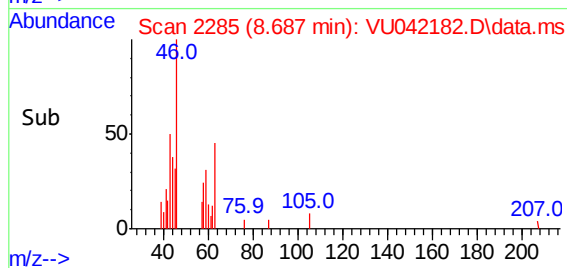
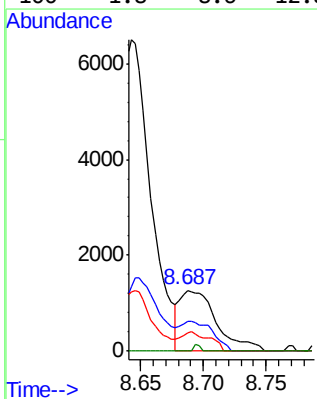
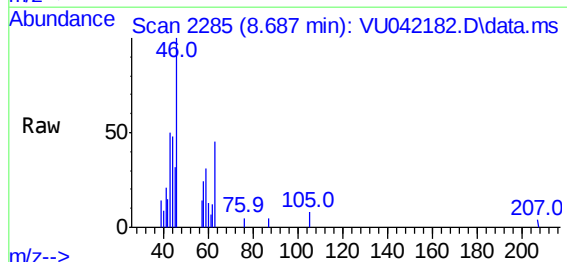
Tgt Ion: 75 Resp: 887
Ion Ratio Lower Upper
75 100
77 35.2 21.8 40.4

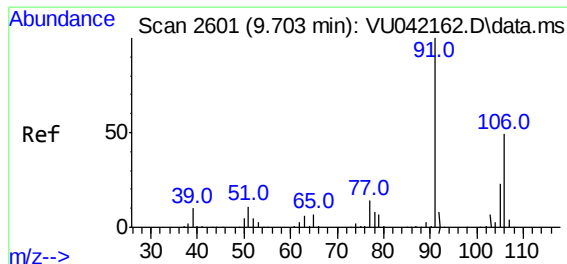


#48

2-Hexanone
Concen: 0.59 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.009 min
Lab File: VU042182.D
Acq: 22 Jan 2021 20:10

Tgt Ion: 43 Resp: 2524
Ion Ratio Lower Upper
43 100
58 43.3 40.6 61.0
57 24.0 14.9 22.3#
100 1.8 8.6 12.8#

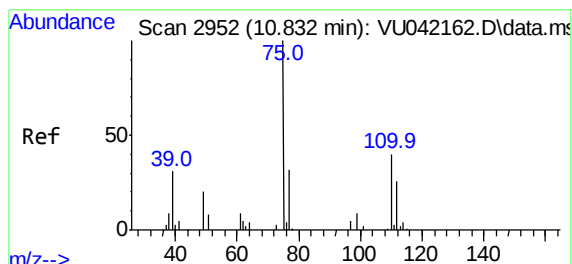
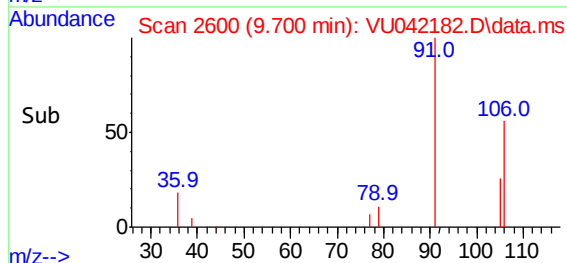
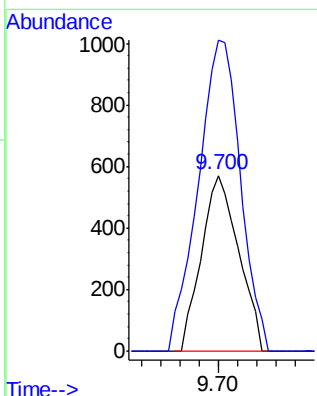
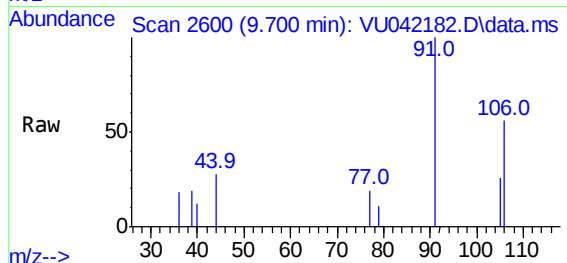




#53
m,p-Xylene
Concen: 0.06 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU042182.D
Acq: 22 Jan 2021 20:10

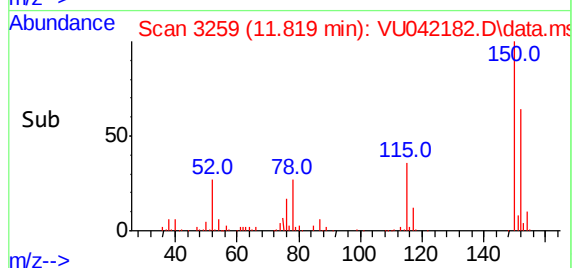
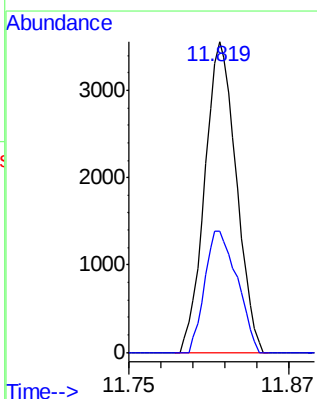
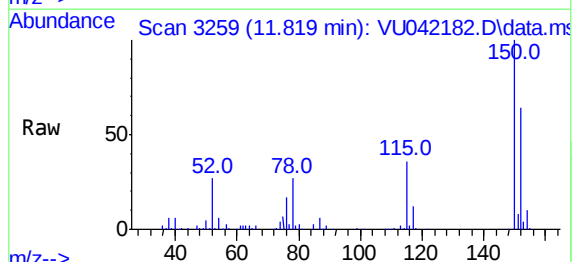
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ClientSampleId :
F1E38

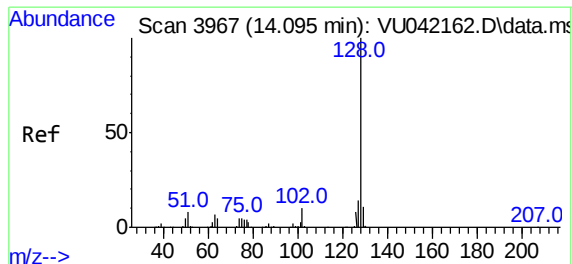
Tgt Ion:106 Resp: 764
Ion Ratio Lower Upper
106 100
91 177.4 145.1 269.5



#59
1,2,3-Trichloropropane
Concen: 1.10 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042182.D
Acq: 22 Jan 2021 20:10

Tgt Ion: 75 Resp: 5632
Ion Ratio Lower Upper
75 100
77 40.1 26.0 39.0#





#69
Naphthalene
Concen: 0.06 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VU042182.D
Acq: 22 Jan 2021 20:10

Instrument :
MSVOA_U
ClientSampleId :
F1E38

Tgt Ion:128 Resp: 878
Ion Ratio Lower Upper
128 100
129 0.0 8.7 13.1#
127 0.0 10.6 15.8#

