

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012221\
 Data File : VU042180.D
 Acq On : 22 Jan 2021 19:22
 Operator : SY/MD
 Sample : M1222-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E33

Quant Time: Jan 23 06:25:58 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)

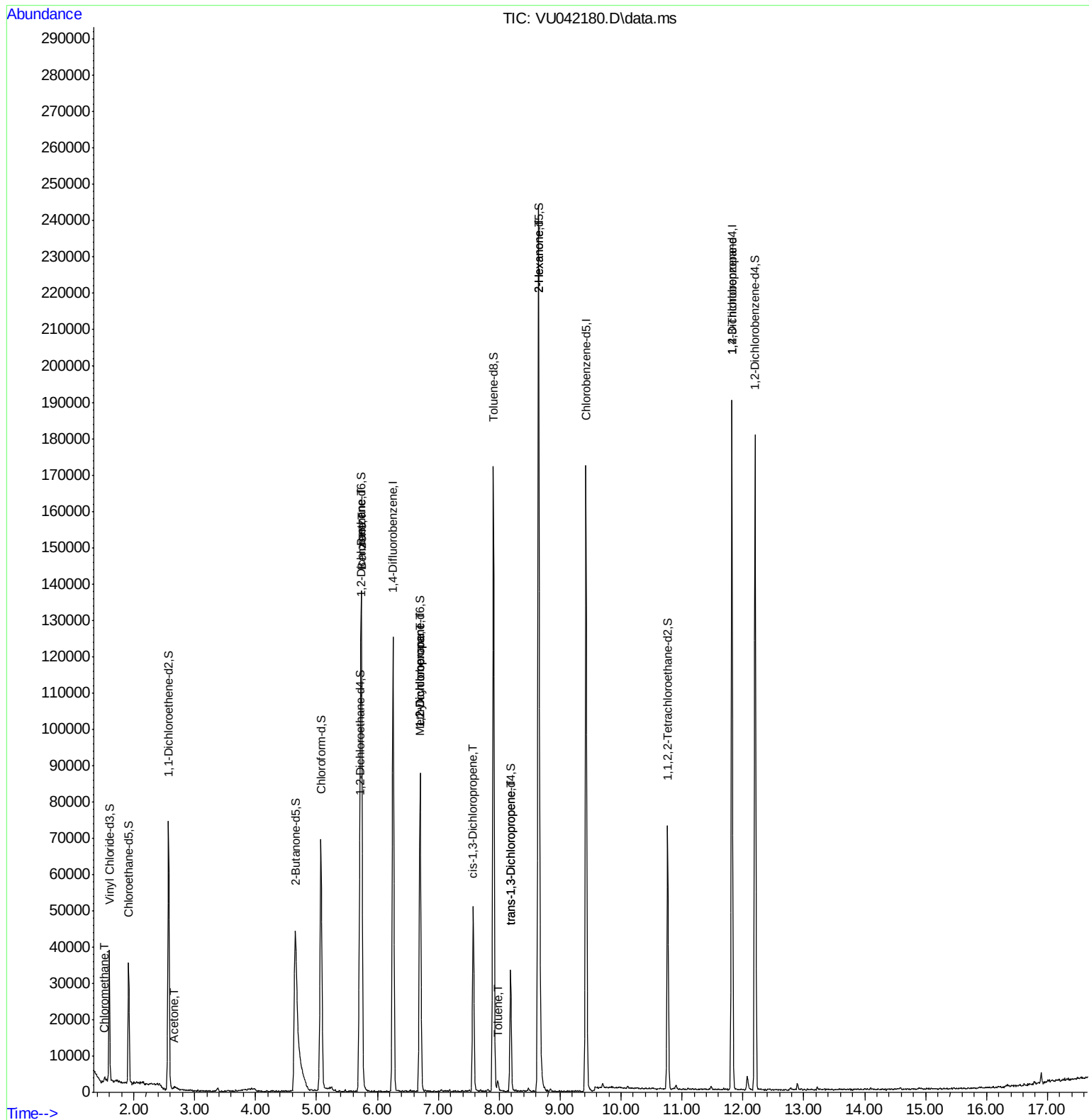
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	96132	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	90290	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	49068	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	24092	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	1.916	69	22434	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.571	63	45764	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.652	46	124862	55.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.36%
24) Chloroform-d	5.073	84	63074	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.710	65	39756	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.735	84	115142	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.700	67	38111	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.906	98	105962	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloroprop...	8.189	79	18117	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.645	63	90562	53.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.92%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	34190	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	44575	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	818	0.10	ug/L	91
13) Acetone	2.658	43	1048	0.70	ug/L	84
27) 1,2-Dichloroethane	5.726	62	311	0.03	ug/L #	75
33) Benzene	5.739	78	905	0.03	ug/L	100
35) Methylcyclohexane	6.697	83	9589	0.80	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	4540	0.65	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	1109	0.10	ug/L #	64
42) Toluene	7.976	91	1939	0.07	ug/L	93
44) trans-1,3-Dichloropropene	8.189	75	920	0.09	ug/L #	77
48) 2-Hexanone	8.645	43	11891	2.86	ug/L #	70
59) 1,2,3-Trichloropropane	11.819	75	5543	1.12	ug/L	96

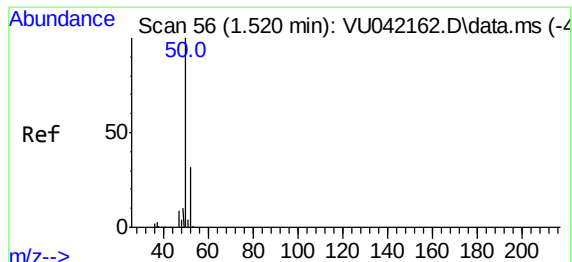
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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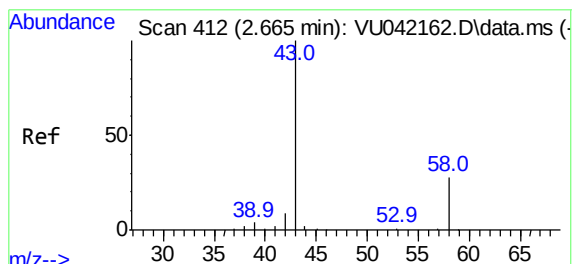
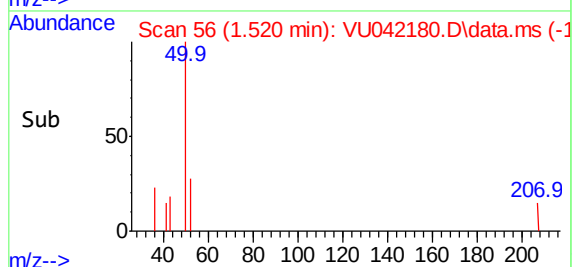
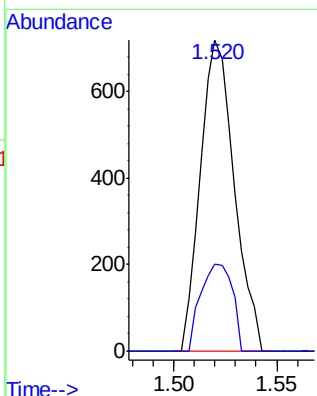
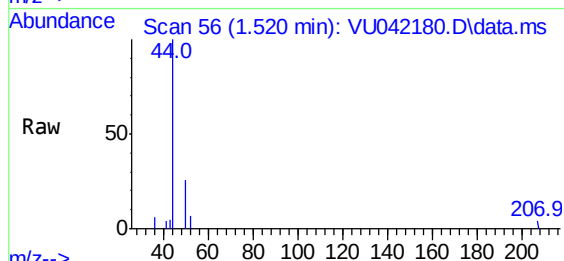




#3
Chloromethane
Concen: 0.10 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU042180.D
Acq: 22 Jan 2021 19:22

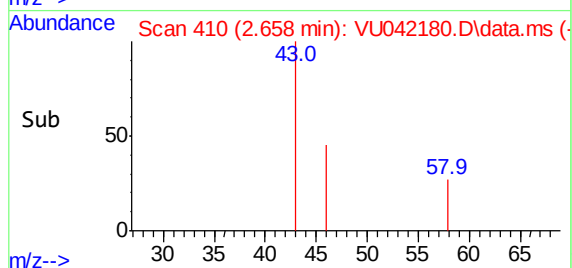
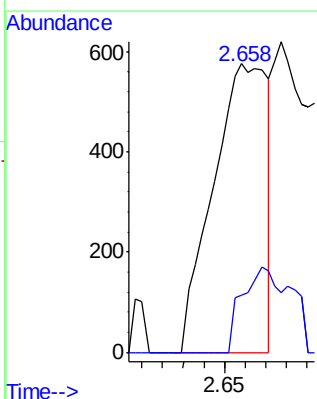
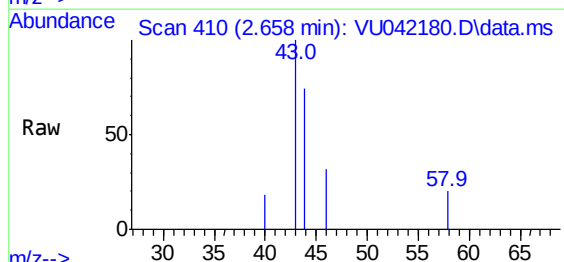
Instrument :
MSVOA_U
ClientSampleId :
F1E33

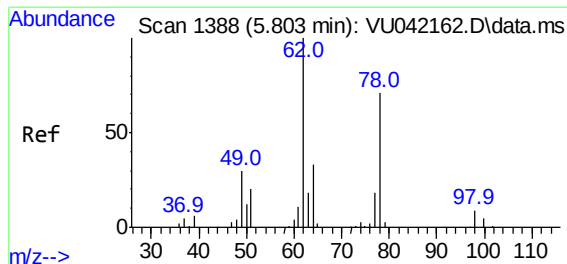
Tgt Ion: 50 Resp: 818
Ion Ratio Lower Upper
50 100
52 27.8 23.0 42.8



#13
Acetone
Concen: 0.70 ug/L
RT: 2.658 min Scan# 410
Delta R.T. -0.007 min
Lab File: VU042180.D
Acq: 22 Jan 2021 19:22

Tgt Ion: 43 Resp: 1048
Ion Ratio Lower Upper
43 100
58 19.7 0.0 55.8

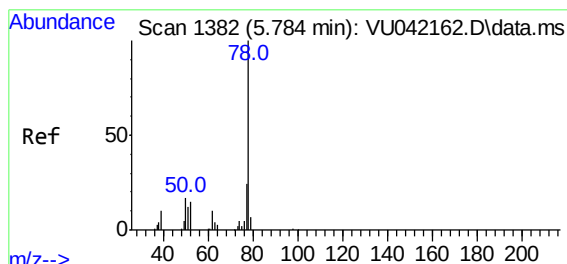
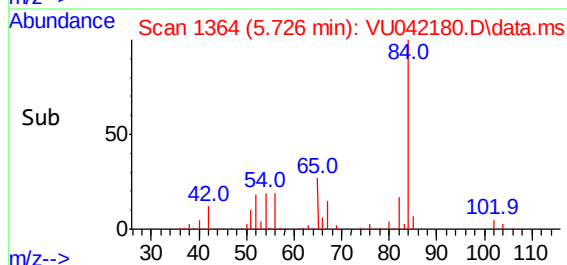
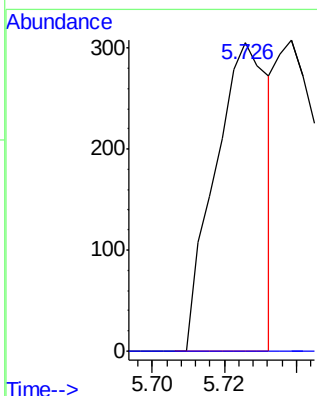
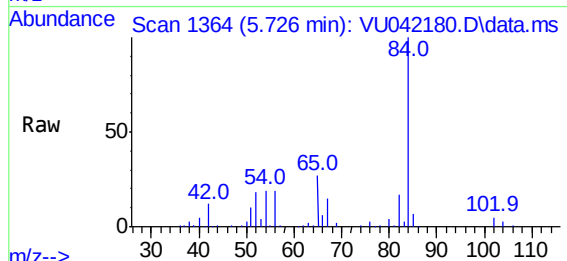




#27
1,2-Dichloroethane
Concen: 0.03 ug/L
RT: 5.726 min Scan# 1364
Delta R.T. -0.077 min
Lab File: VU042180.D
Acq: 22 Jan 2021 19:22

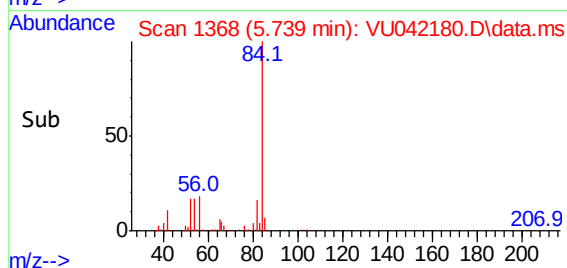
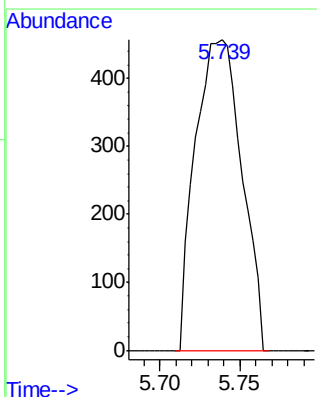
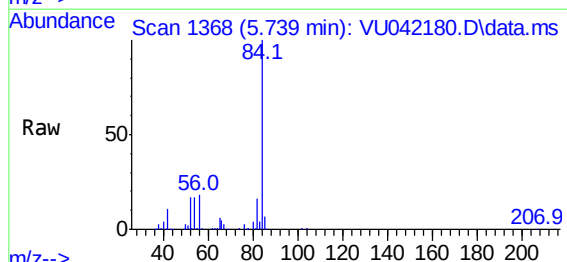
Instrument :
MSVOA_U
ClientSampleId :
F1E33

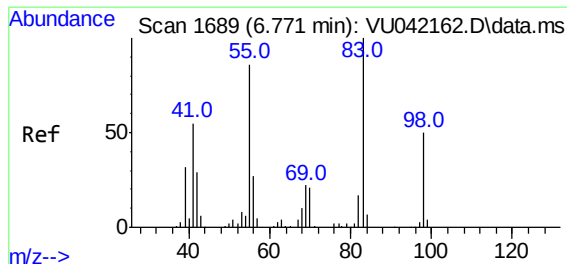
Tgt Ion: 62 Resp: 311
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#33
Benzene
Concen: 0.03 ug/L
RT: 5.739 min Scan# 1368
Delta R.T. -0.045 min
Lab File: VU042180.D
Acq: 22 Jan 2021 19:22

Tgt Ion: 78 Resp: 905

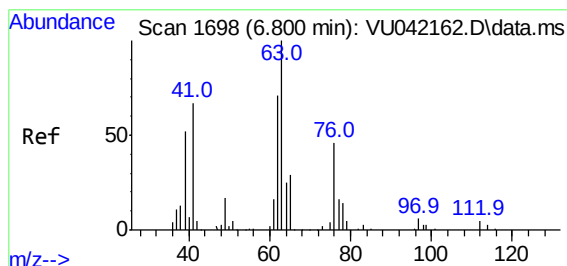
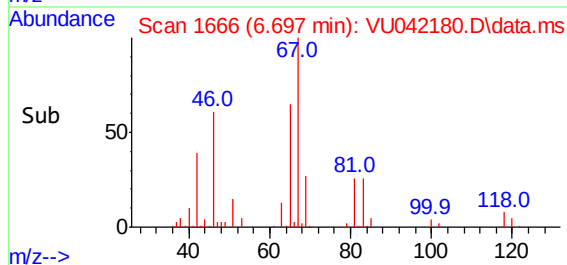
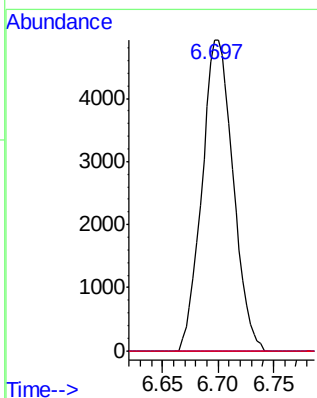
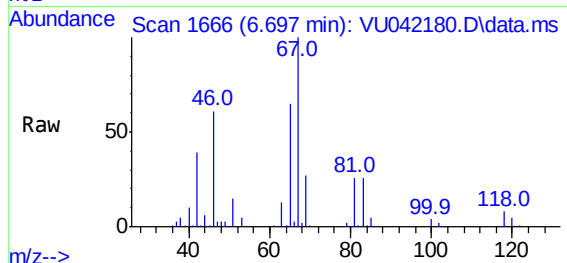




#35
Methylcyclohexane
Concen: 0.80 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU042180.D
Acq: 22 Jan 2021 19:22

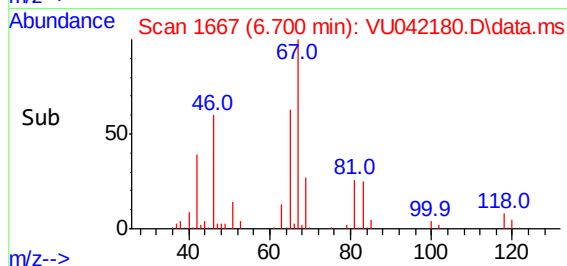
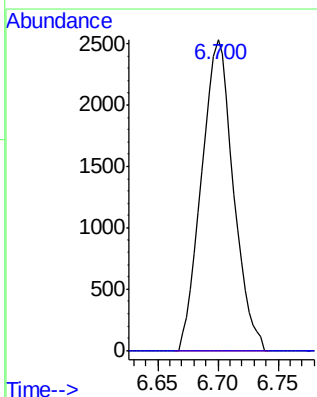
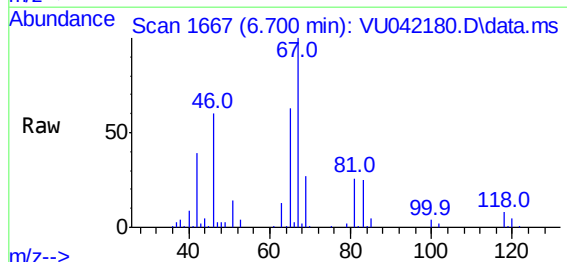
Instrument :
MSVOA_U
ClientSampleId :
F1E33

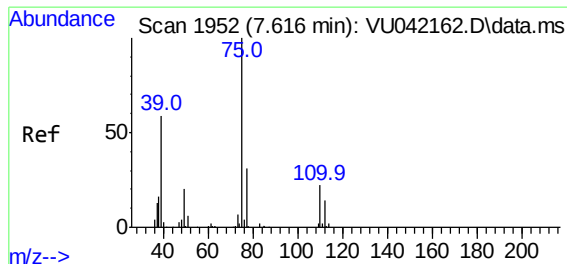
Tgt Ion: 83 Resp: 9589
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.65 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042180.D
Acq: 22 Jan 2021 19:22

Tgt Ion: 63 Resp: 4540
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

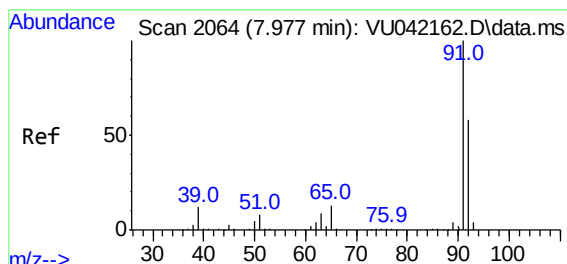
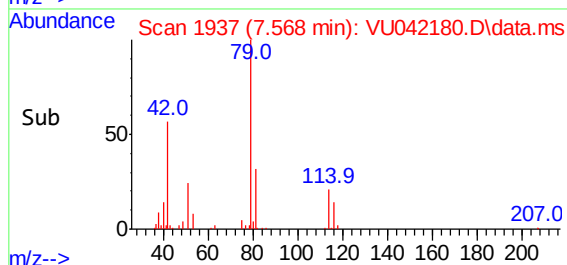
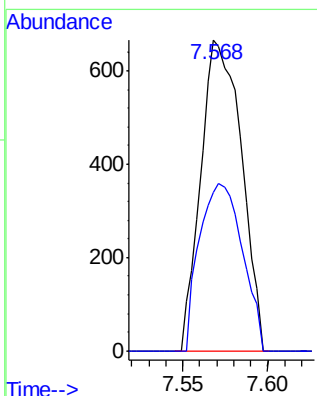
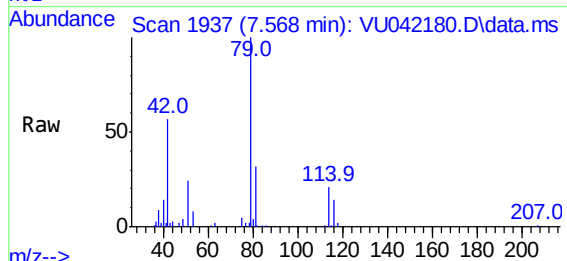




#39
 cis-1,3-Dichloropropene
 Concen: 0.10 ug/L
 RT: 7.568 min Scan# 1937
 Delta R.T. -0.048 min
 Lab File: VU042180.D
 Acq: 22 Jan 2021 19:22

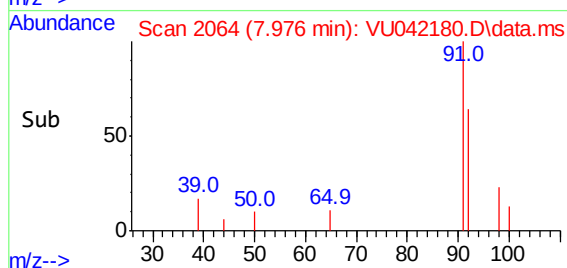
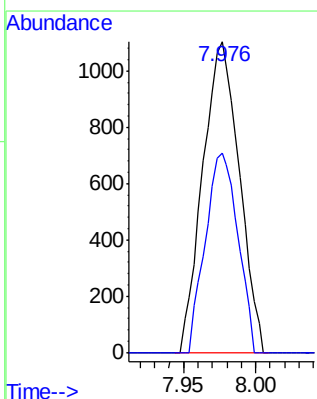
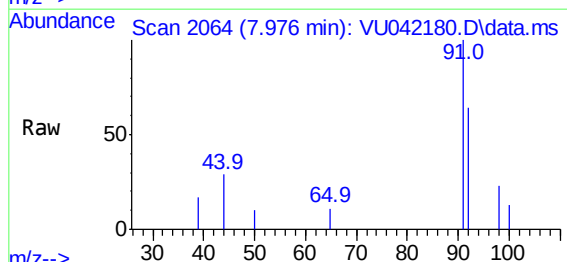
Instrument :
 MSVOA_U
 ClientSampled :
 F1E33

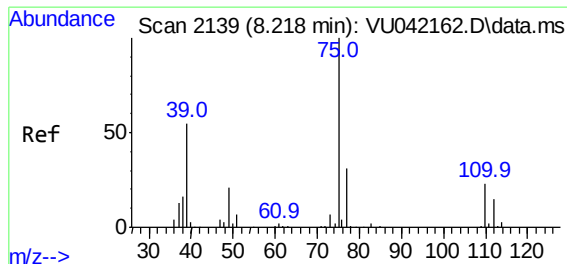
Tgt Ion: 75 Resp: 1109
 Ion Ratio Lower Upper
 75 100
 77 51.1 22.0 40.8#



#42
 Toluene
 Concen: 0.07 ug/L
 RT: 7.976 min Scan# 2064
 Delta R.T. -0.000 min
 Lab File: VU042180.D
 Acq: 22 Jan 2021 19:22

Tgt Ion: 91 Resp: 1939
 Ion Ratio Lower Upper
 91 100
 92 64.3 41.2 76.6



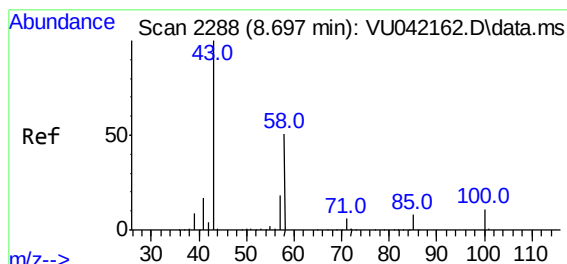
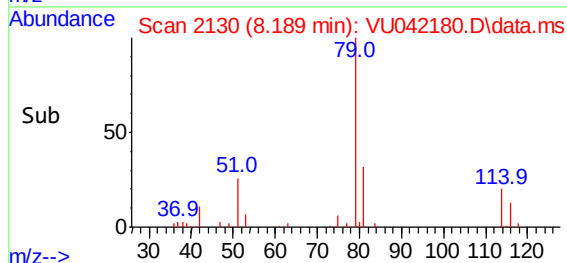
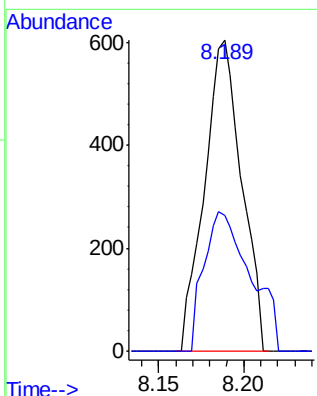
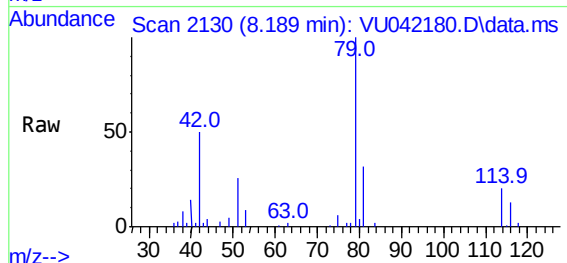


#44

trans-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042180.D
Acq: 22 Jan 2021 19:22

Instrument :
MSVOA_U
ClientSampled :
F1E33

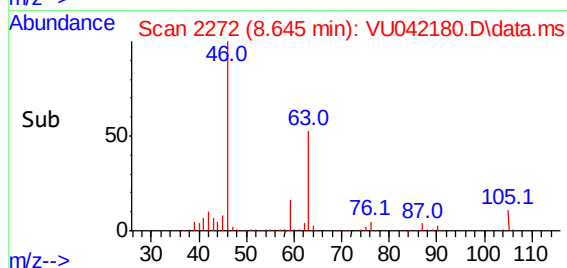
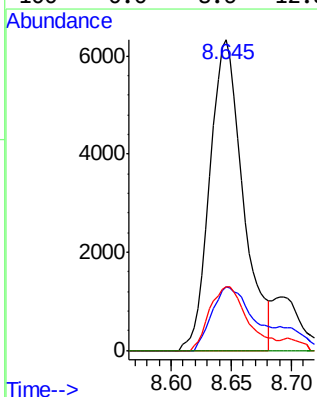
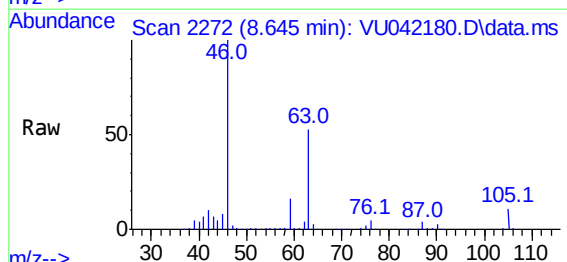
Tgt Ion: 75 Resp: 920
Ion Ratio Lower Upper
75 100
77 43.6 21.8 40.4#

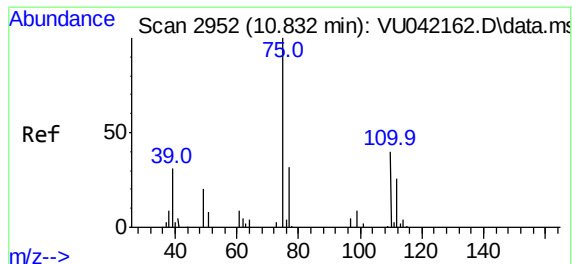


#48

2-Hexanone
Concen: 2.86 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.052 min
Lab File: VU042180.D
Acq: 22 Jan 2021 19:22

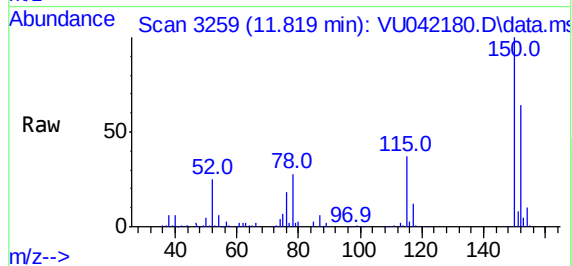
Tgt Ion: 43 Resp: 11891
Ion Ratio Lower Upper
43 100
58 25.1 40.6 61.0#
57 24.0 14.9 22.3#
100 0.0 8.6 12.8#





#59
 1,2,3-Trichloropropane
 Concen: 1.12 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042180.D
 Acq: 22 Jan 2021 19:22

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E33



Tgt Ion: 75 Resp: 5543
 Ion Ratio Lower Upper
 75 100
 77 34.7 26.0 39.0

