

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020321\
 Data File : VU042254.D
 Acq On : 04 Feb 2021 00:14
 Operator : SY/MD
 Sample : M1298-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CAA16

Quant Time: Feb 04 05:37:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 04 05:34:35 2021
 Response via : Initial Calibration

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

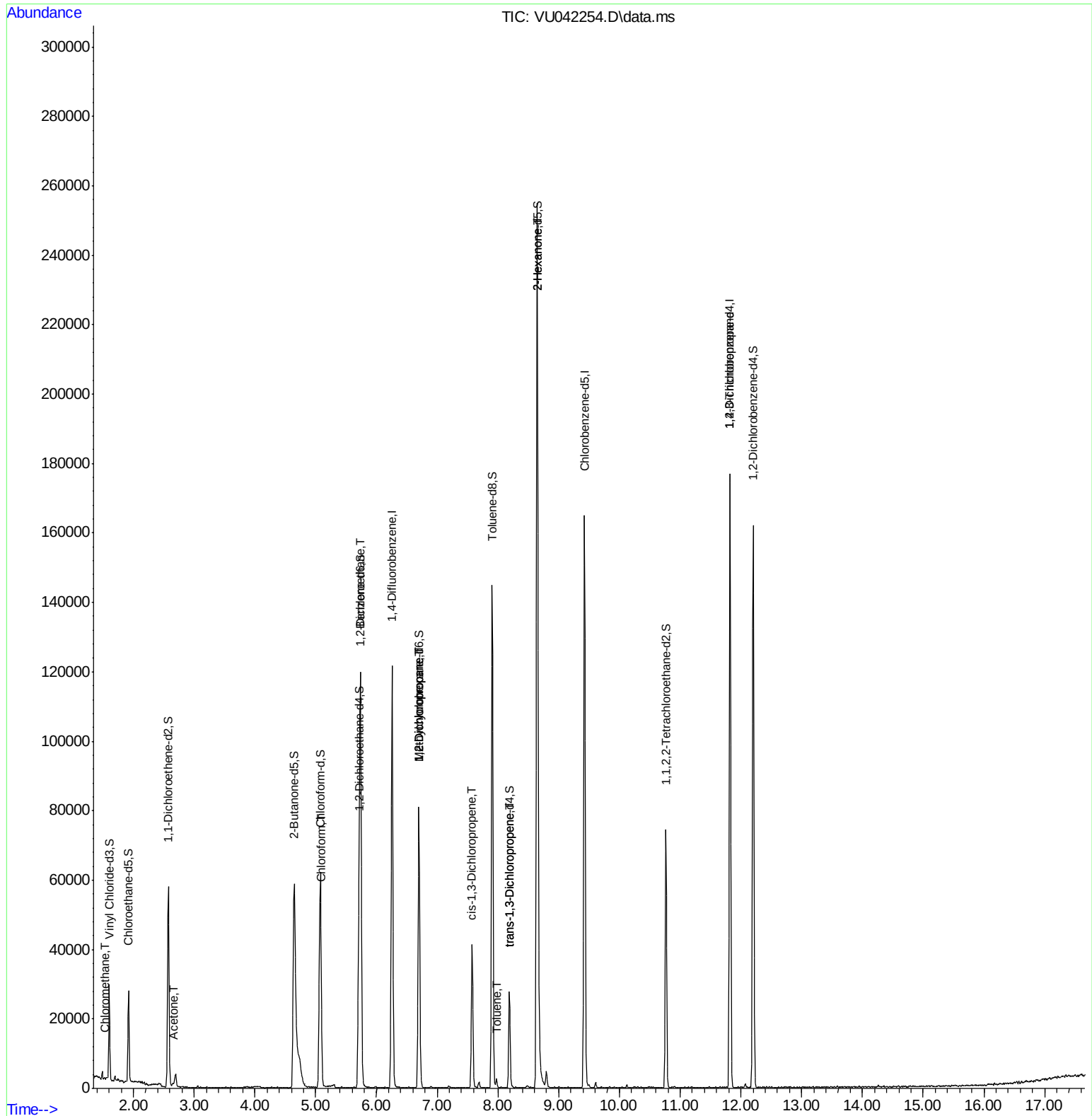
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	94641	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	87495	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	46037	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	18543	3.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.80%
7) Chloroethane-d5	1.919	69	17382	3.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.60%
11) 1,1-Dichloroethene-d2	2.575	63	35609	2.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.00%#
20) 2-Butanone-d5	4.645	46	134011	60.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.32%
24) Chloroform-d	5.073	84	55436	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.713	65	37508	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.735	84	99515	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.700	67	35853	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.906	98	90382	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloroprop...	8.189	79	14779	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.645	63	95684	58.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.66%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	33995	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	42388	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%
Target Compounds						
3) Chloromethane	1.523	50	371	0.05	ug/L	95
13) Acetone	2.658	43	1570	1.06	ug/L	95
25) Chloroform	5.086	83	1016	0.08	ug/L	79
27) 1,2-Dichloroethane	5.729	62	636	0.07	ug/L #	75
35) Methylcyclohexane	6.700	83	8210	0.70	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	4514	0.67	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	1135	0.10	ug/L	90
42) Toluene	7.976	91	1569	0.06	ug/L	97
44) trans-1,3-Dichloropropene	8.189	75	679	0.07	ug/L #	56
48) 2-Hexanone	8.645	43	13706	3.40	ug/L #	69
59) 1,2,3-Trichloropropane	11.819	75	5305	1.11	ug/L	92

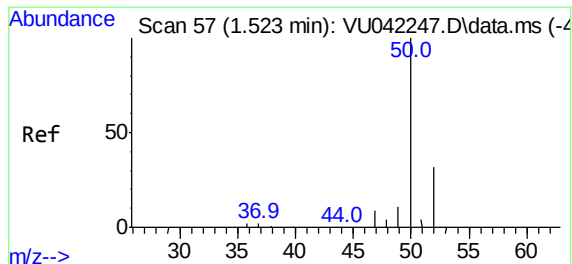
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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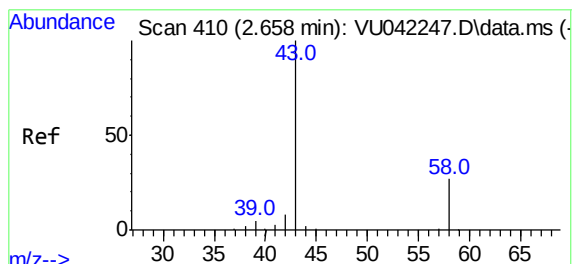
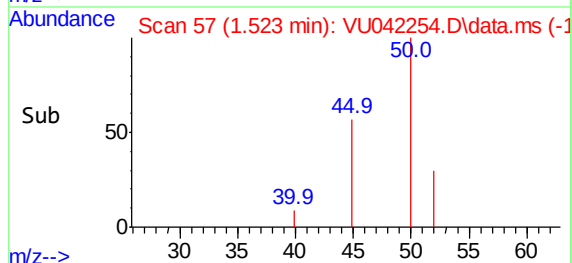
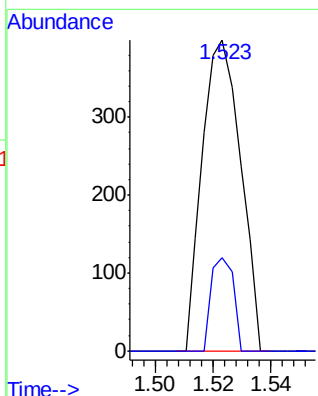
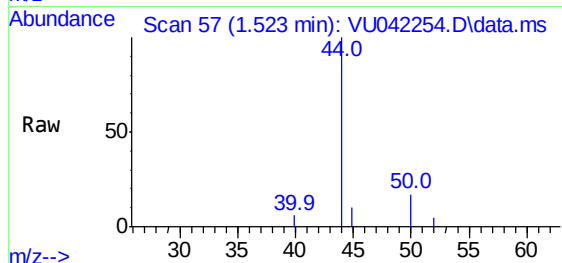




#3
Chloromethane
Concen: 0.05 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042254.D
Acq: 04 Feb 2021 00:14

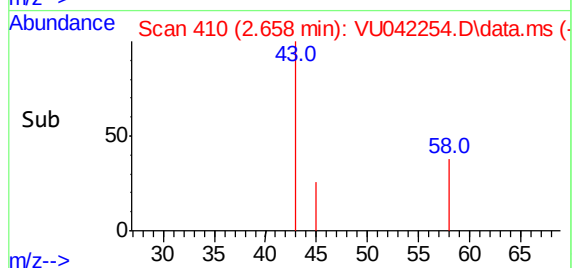
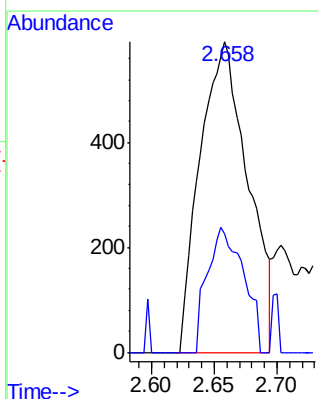
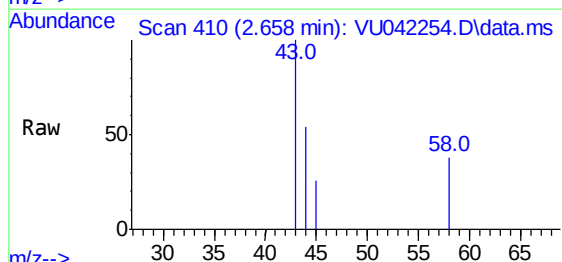
Instrument :
MSVOA_U
ClientSampled :
CAA16

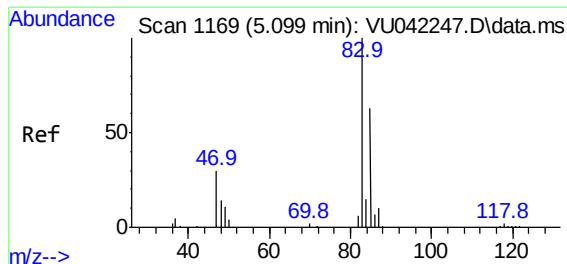
Tgt Ion: 50 Resp: 371
Ion Ratio Lower Upper
50 100
52 30.1 23.0 42.8



#13
Acetone
Concen: 1.06 ug/L
RT: 2.658 min Scan# 410
Delta R.T. -0.000 min
Lab File: VU042254.D
Acq: 04 Feb 2021 00:14

Tgt Ion: 43 Resp: 1570
Ion Ratio Lower Upper
43 100
58 30.5 0.0 55.8

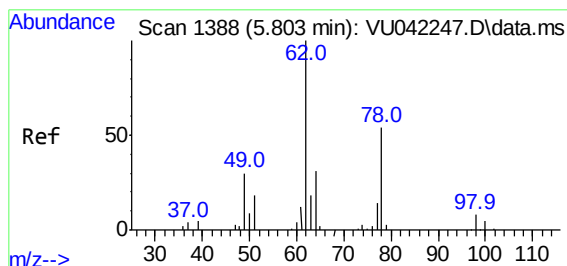
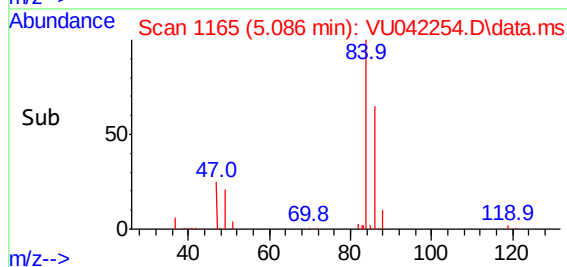
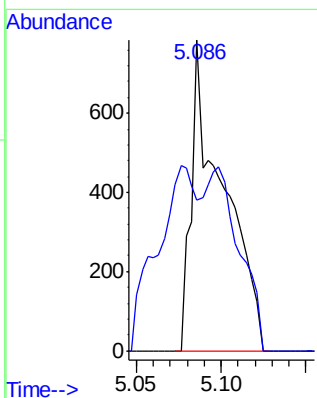
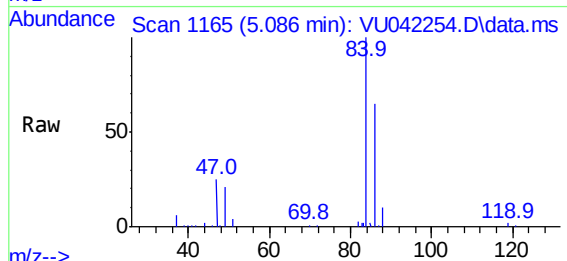




#25
Chloroform
Concen: 0.08 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. -0.013 min
Lab File: VU042254.D
Acq: 04 Feb 2021 00:14

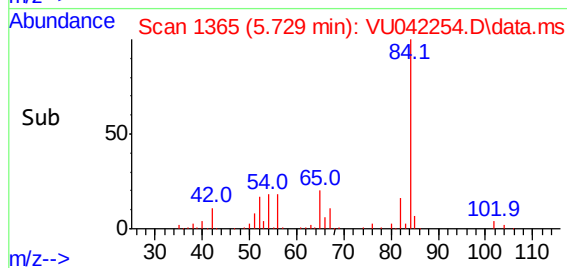
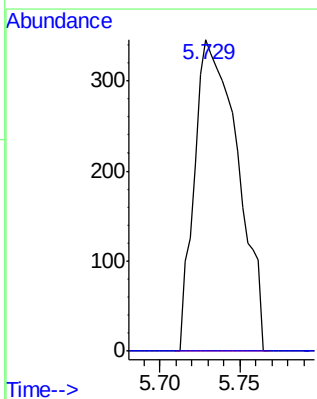
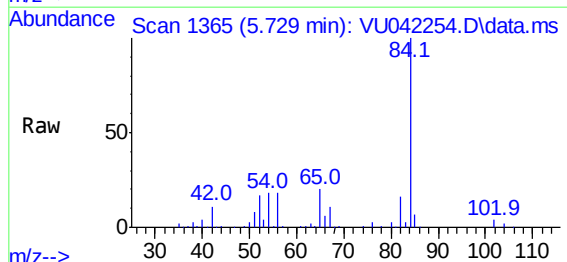
Instrument :
MSVOA_U
ClientSampled :
CAA16

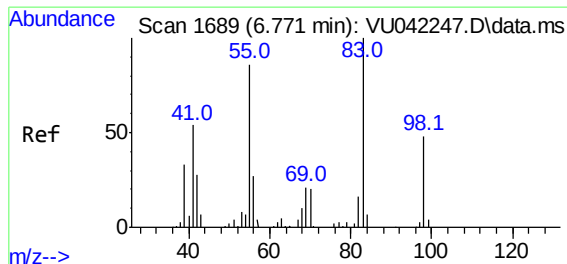
Tgt Ion: 83 Resp: 1016
Ion Ratio Lower Upper
83 100
85 48.5 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.07 ug/L
RT: 5.729 min Scan# 1365
Delta R.T. -0.074 min
Lab File: VU042254.D
Acq: 04 Feb 2021 00:14

Tgt Ion: 62 Resp: 636
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

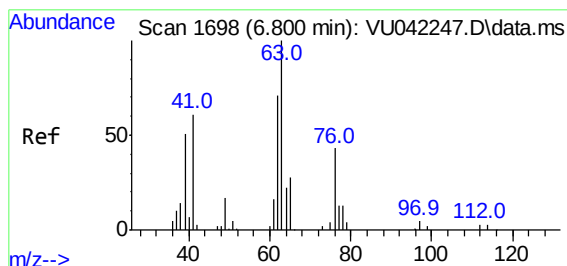
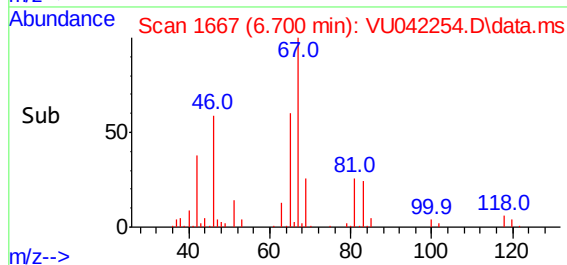
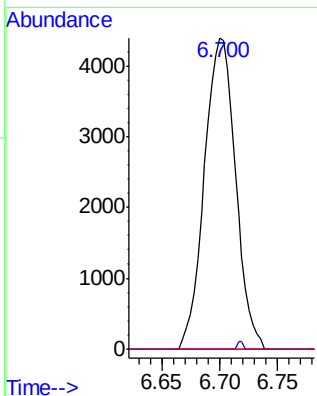
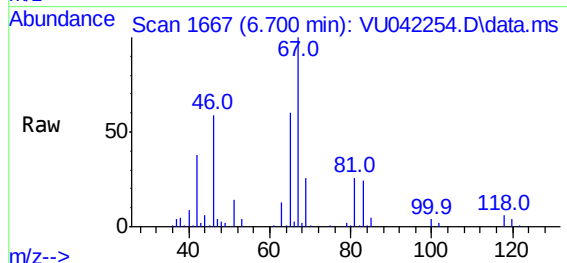




#35
Methylcyclohexane
Concen: 0.70 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042254.D
Acq: 04 Feb 2021 00:14

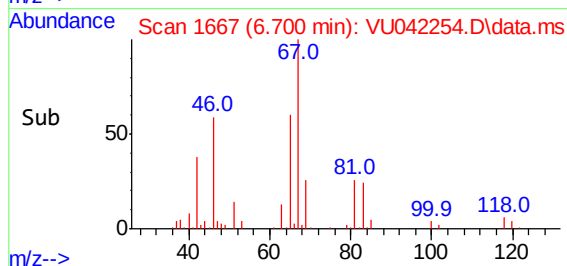
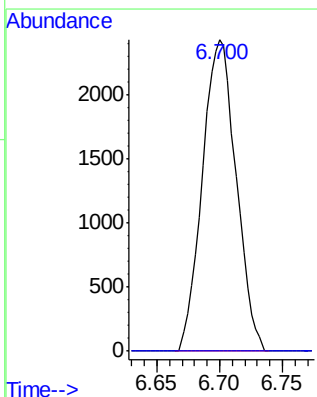
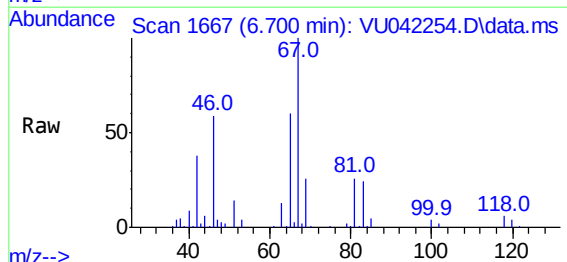
Instrument :
MSVOA_U
ClientSampleId :
CAA16

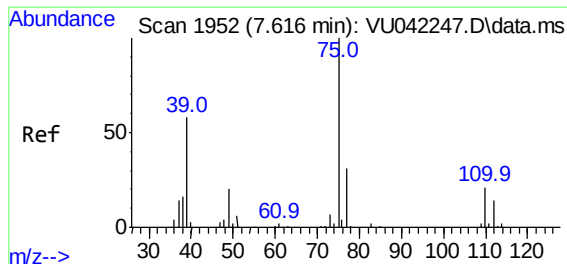
Tgt Ion: 83 Resp: 8210
Ion Ratio Lower Upper
83 100
55 0.5 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.67 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042254.D
Acq: 04 Feb 2021 00:14

Tgt Ion: 63 Resp: 4514
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

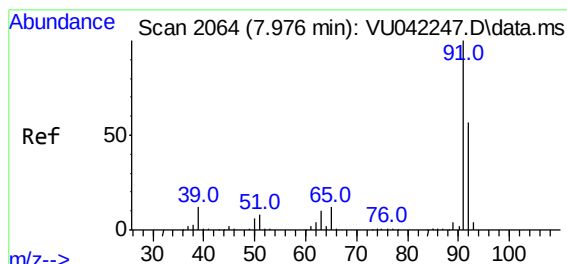
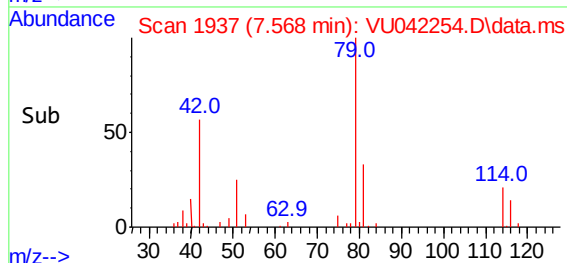
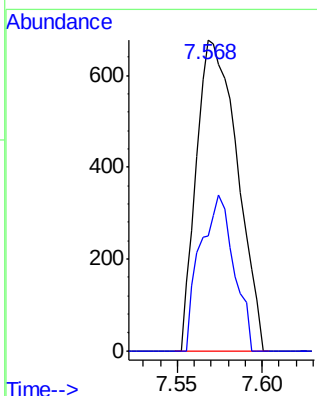
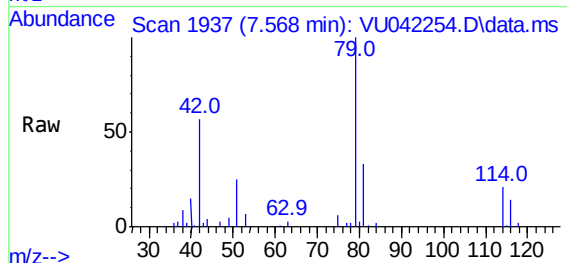




#39
 cis-1,3-Dichloropropene
 Concen: 0.10 ug/L
 RT: 7.568 min Scan# 1937
 Delta R.T. -0.048 min
 Lab File: VU042254.D
 Acq: 04 Feb 2021 00:14

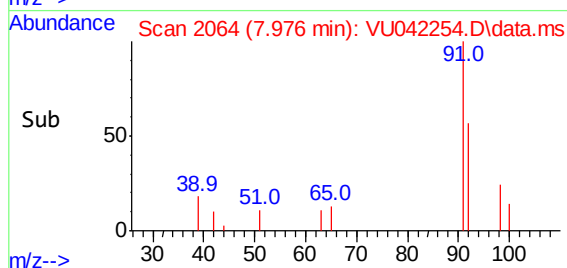
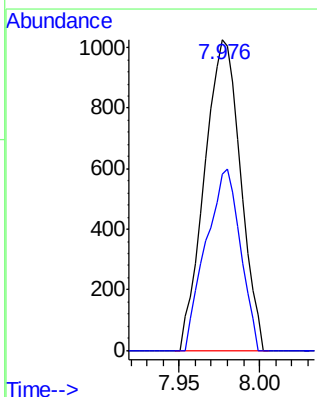
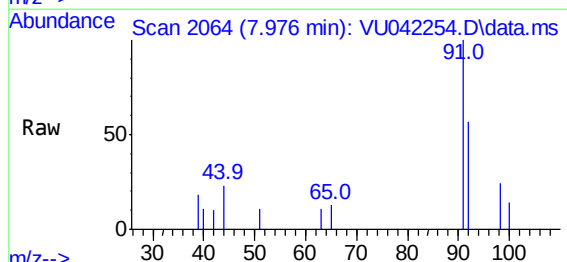
Instrument :
 MSVOA_U
 ClientSampled :
 CAA16

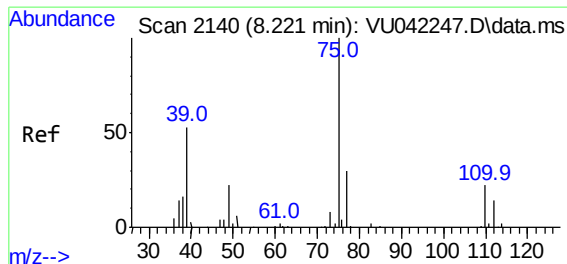
Tgt Ion: 75 Resp: 1135
 Ion Ratio Lower Upper
 75 100
 77 36.9 22.0 40.8



#42
 Toluene
 Concen: 0.06 ug/L
 RT: 7.976 min Scan# 2064
 Delta R.T. -0.000 min
 Lab File: VU042254.D
 Acq: 04 Feb 2021 00:14

Tgt Ion: 91 Resp: 1569
 Ion Ratio Lower Upper
 91 100
 92 56.6 41.2 76.6



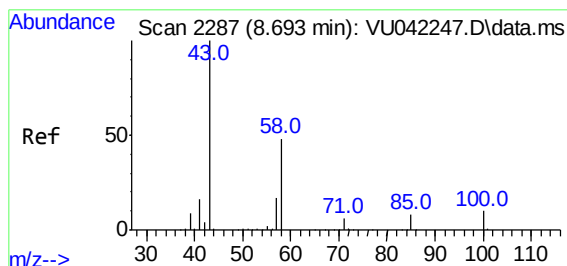
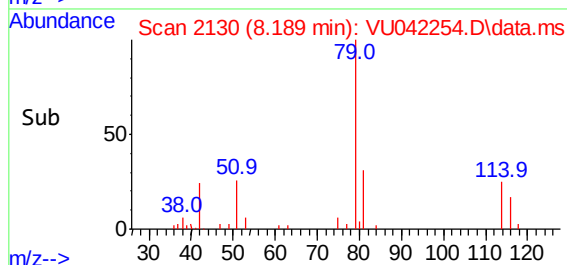
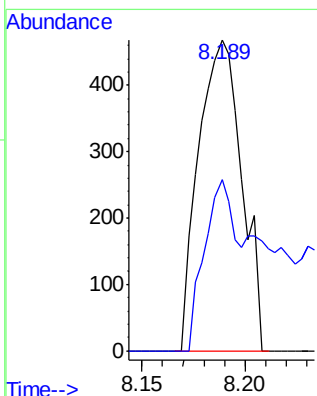
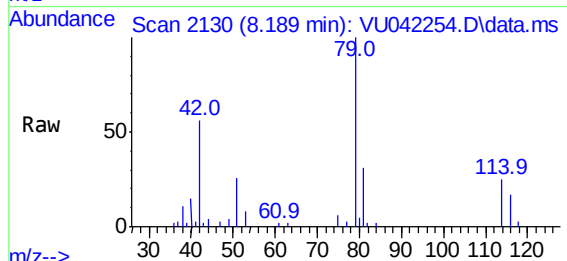


#44

trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.032 min
Lab File: VU042254.D
Acq: 04 Feb 2021 00:14

Instrument :
MSVOA_U
ClientSampled :
CAA16

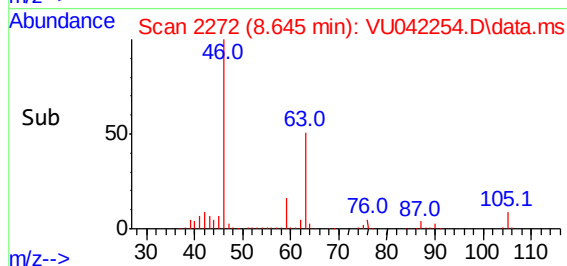
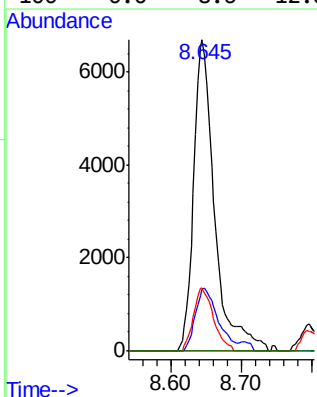
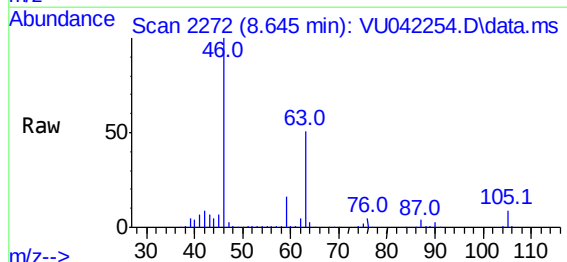
Tgt Ion: 75 Resp: 679
Ion Ratio Lower Upper
75 100
77 55.1 21.8 40.4#

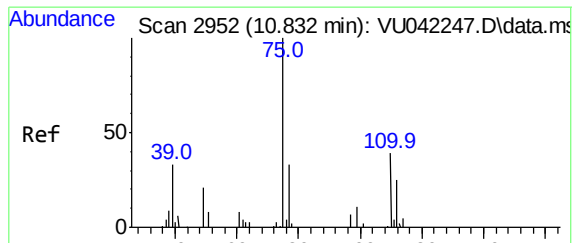


#48

2-Hexanone
Concen: 3.40 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU042254.D
Acq: 04 Feb 2021 00:14

Tgt Ion: 43 Resp: 13706
Ion Ratio Lower Upper
43 100
58 21.5 40.6 61.0#
57 19.2 14.9 22.3
100 0.0 8.6 12.8#





#59
 1,2,3-Trichloropropane
 Concen: 1.11 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042254.D
 Acq: 04 Feb 2021 00:14

Instrument :
 MSVOA_U
 ClientSampleId :
 CAA16

Tgt Ion: 75 Resp: 5305
 Ion Ratio Lower Upper
 75 100
 77 37.2 26.0 39.0

