

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020321\
 Data File : VU042255.D
 Acq On : 04 Feb 2021 00:38
 Operator : SY/MD
 Sample : M1298-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CAA19

Quant Time: Feb 04 05:37:40 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)

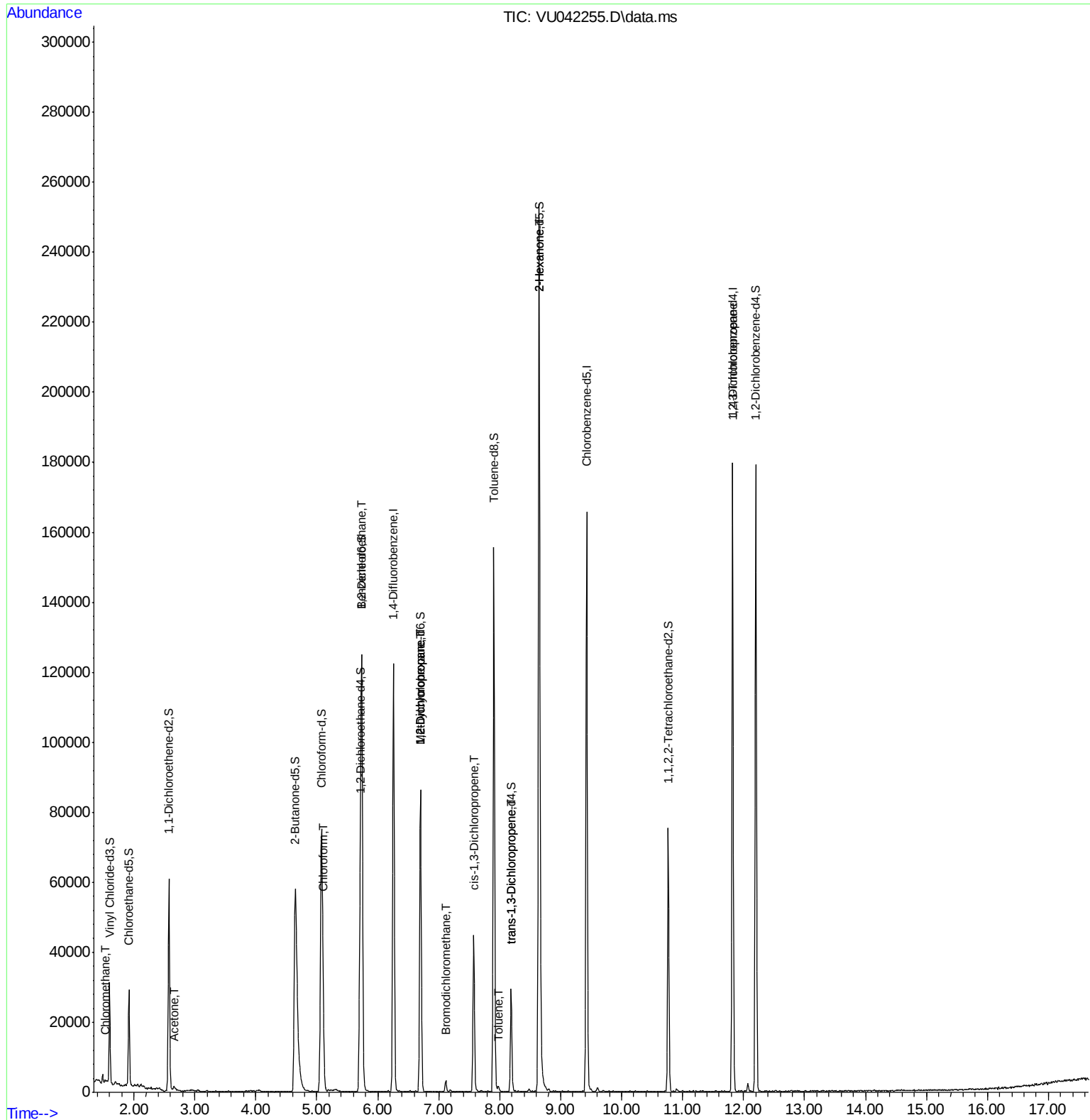
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	94666	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	87784	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	44724	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	19739	3.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.60%
7) Chloroethane-d5	1.919	69	18686	3.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.00%
11) 1,1-Dichloroethene-d2	2.575	63	37204	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	4.649	46	129771	58.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.48%
24) Chloroform-d	5.073	84	60777	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.713	65	39542	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.735	84	105865	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.700	67	37887	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.906	98	98047	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloroprop...	8.186	79	16355	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.645	63	91755	56.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.46%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	34055	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	12.201	152	43834	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%
Target Compounds						
3) Chloromethane	1.523	50	486	0.06	ug/L	92
13) Acetone	2.658	43	2540	1.71	ug/L	57
25) Chloroform	5.099	83	24890	1.91	ug/L	100
27) 1,2-Dichloroethane	5.735	62	700	0.08	ug/L #	75
35) Methylcyclohexane	6.700	83	8853	0.76	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	4568	0.67	ug/L #	87
38) Bromodichloromethane	7.115	83	2359	0.25	ug/L #	93
39) cis-1,3-Dichloropropene	7.575	75	1120	0.10	ug/L #	65
42) Toluene	7.980	91	1002	0.04	ug/L	82
44) trans-1,3-Dichloropropene	8.186	75	680	0.07	ug/L #	82
48) 2-Hexanone	8.645	43	13288	3.28	ug/L #	72
59) 1,2,3-Trichloropropane	11.819	75	5544	1.15	ug/L	99

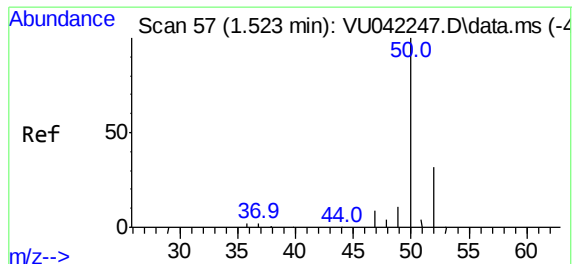
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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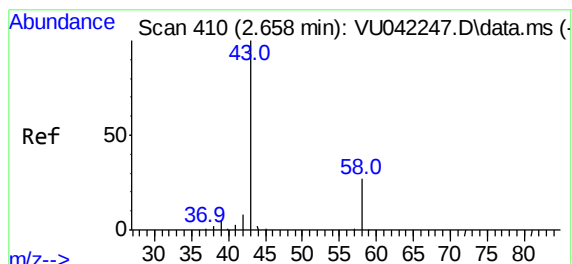
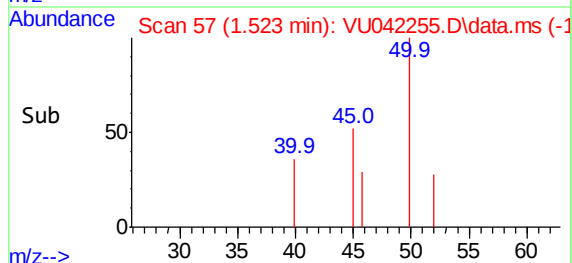
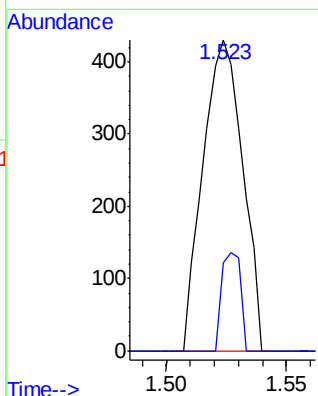
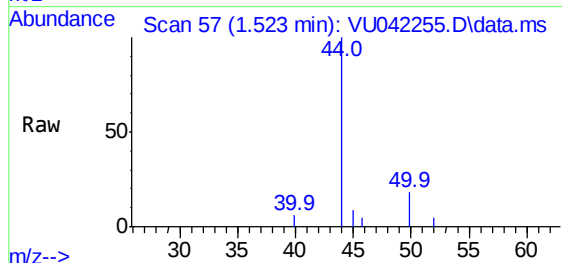




#3
Chloromethane
Concen: 0.06 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042255.D
Acq: 04 Feb 2021 00:38

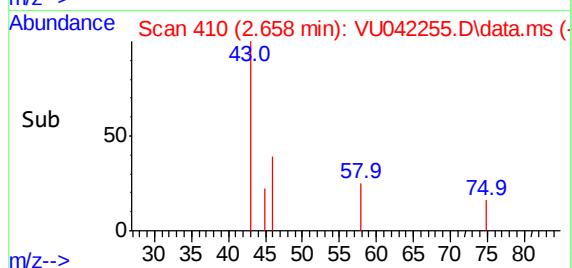
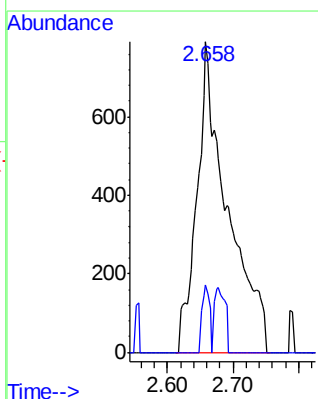
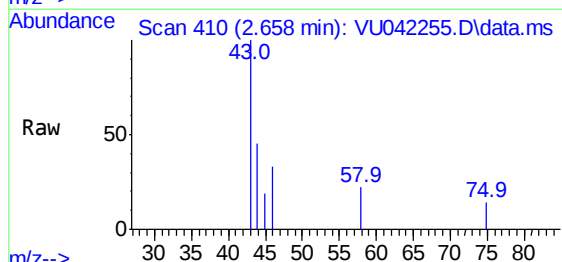
Instrument :
MSVOA_U
ClientSampled :
CAA19

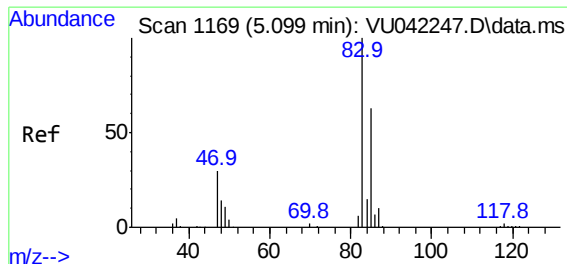
Tgt Ion: 50 Resp: 486
Ion Ratio Lower Upper
50 100
52 28.1 23.0 42.8



#13
Acetone
Concen: 1.71 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.000 min
Lab File: VU042255.D
Acq: 04 Feb 2021 00:38

Tgt Ion: 43 Resp: 2540
Ion Ratio Lower Upper
43 100
58 5.2 0.0 55.8

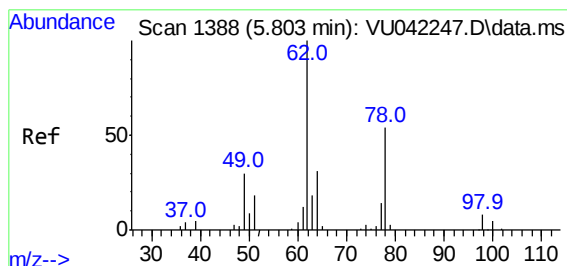
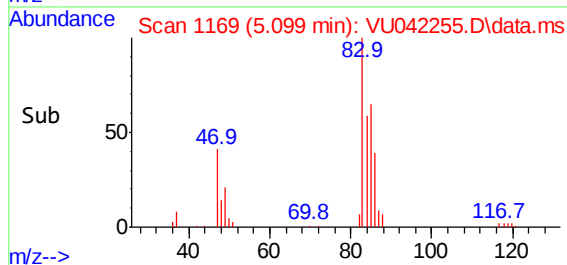
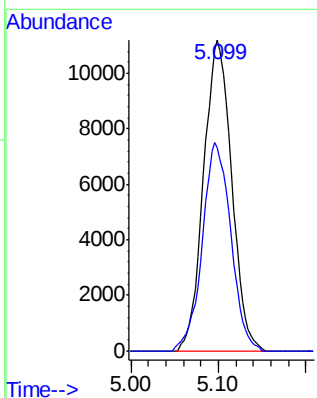
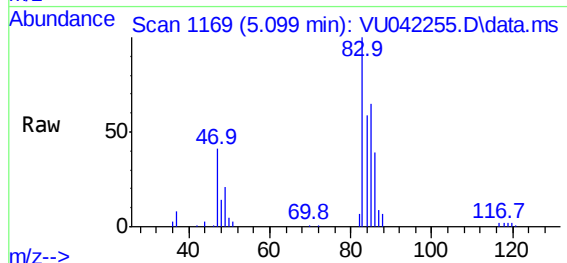




#25
Chloroform
Concen: 1.91 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU042255.D
Acq: 04 Feb 2021 00:38

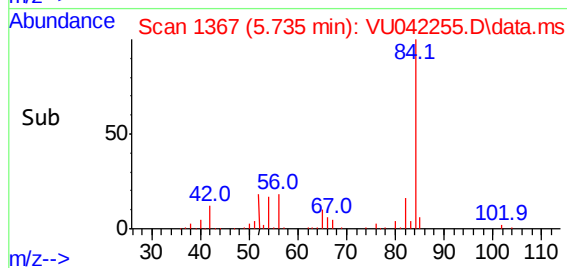
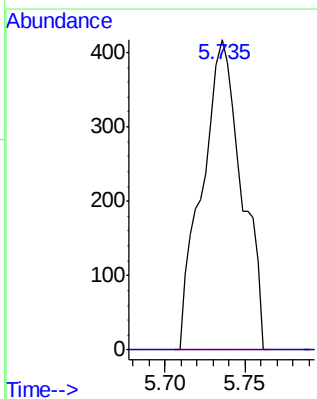
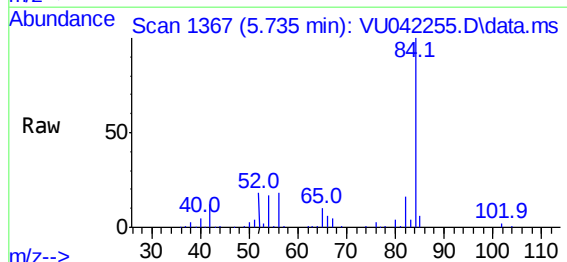
Instrument :
MSVOA_U
ClientSampleId :
CAA19

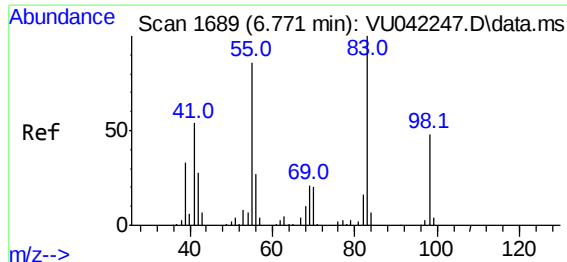
Tgt Ion: 83 Resp: 24890
Ion Ratio Lower Upper
83 100
85 65.3 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.067 min
Lab File: VU042255.D
Acq: 04 Feb 2021 00:38

Tgt Ion: 62 Resp: 700
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#

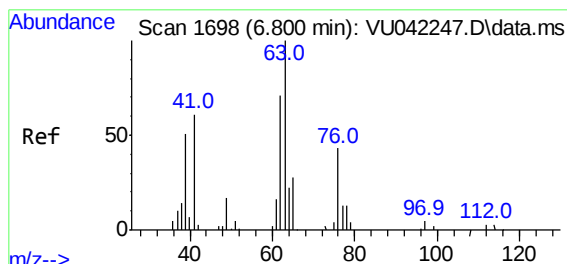
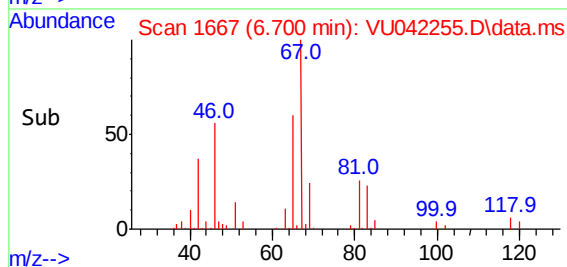
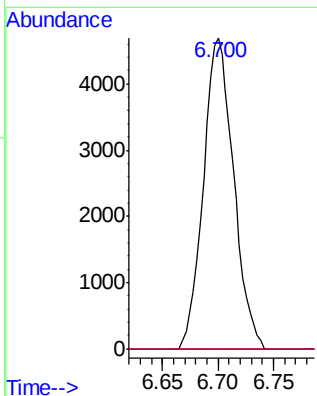
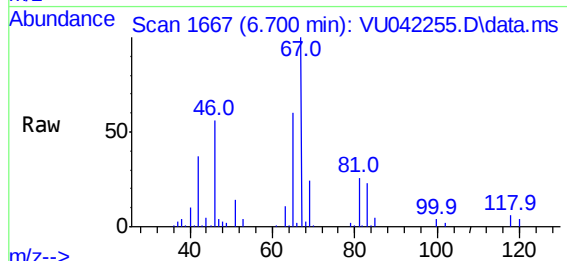




#35
Methylcyclohexane
Concen: 0.76 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042255.D
Acq: 04 Feb 2021 00:38

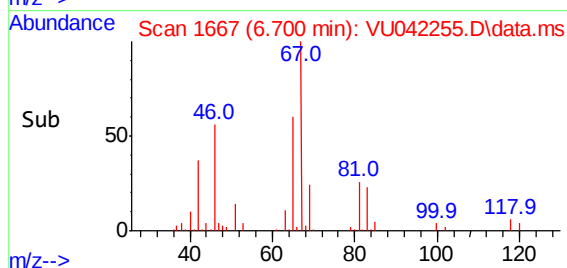
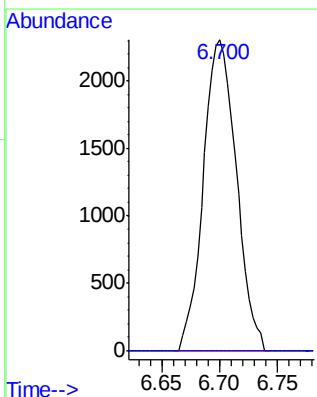
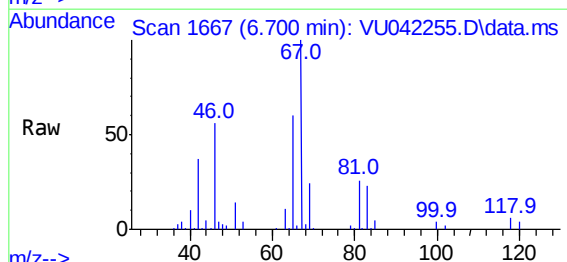
Instrument :
MSVOA_U
ClientSampleId :
CAA19

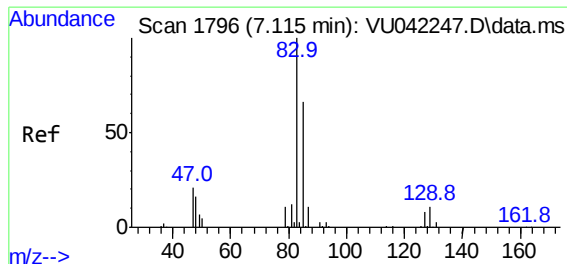
Tgt Ion: 83 Resp: 8853
Ion Ratio Lower Upper
83 100
55 0.0 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.67 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042255.D
Acq: 04 Feb 2021 00:38

Tgt Ion: 63 Resp: 4568
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

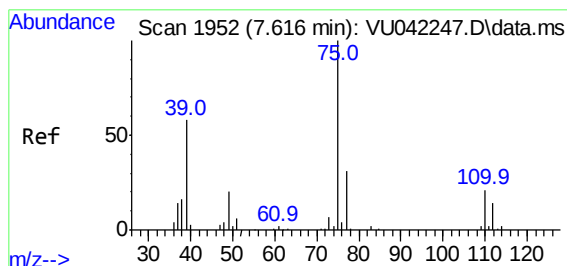
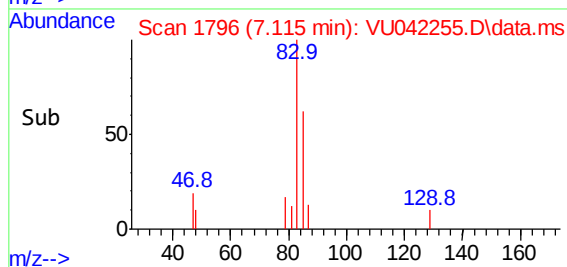
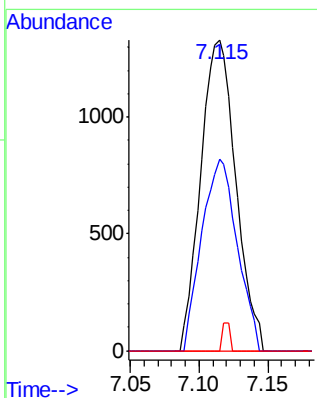
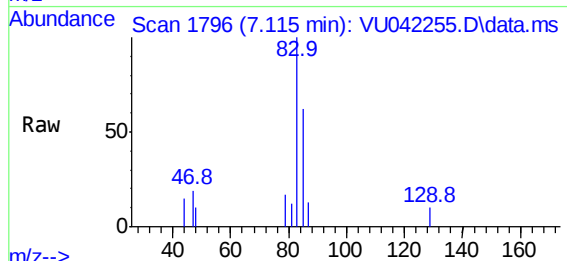




#38
Bromodichloromethane
Concen: 0.25 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU042255.D
Acq: 04 Feb 2021 00:38

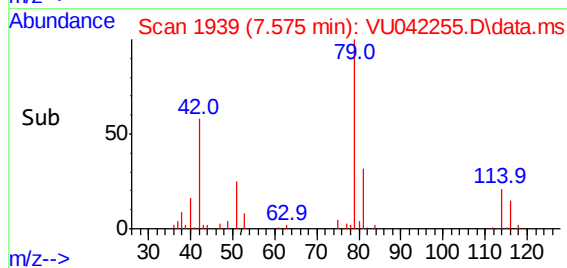
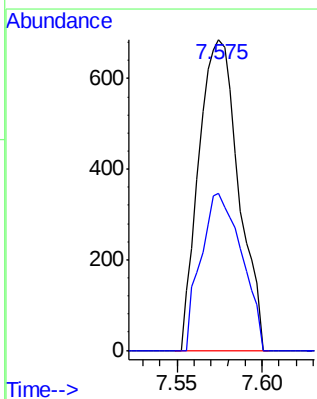
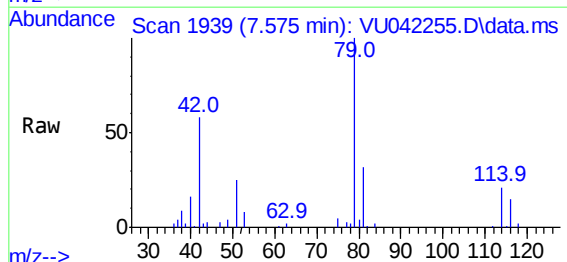
Instrument :
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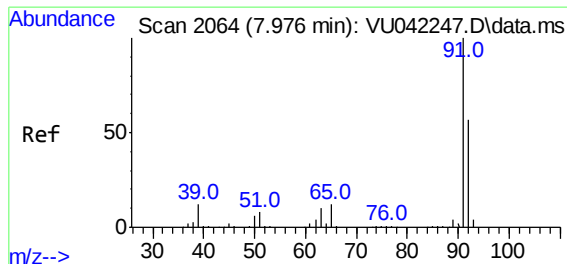
Tgt Ion: 83 Resp: 2359
Ion Ratio Lower Upper
83 100
85 61.7 46.0 85.4
127 0.0 6.8 10.2#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042255.D
Acq: 04 Feb 2021 00:38

Tgt Ion: 75 Resp: 1120
Ion Ratio Lower Upper
75 100
77 50.6 22.0 40.8#

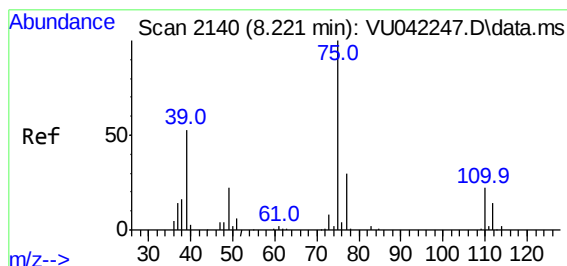
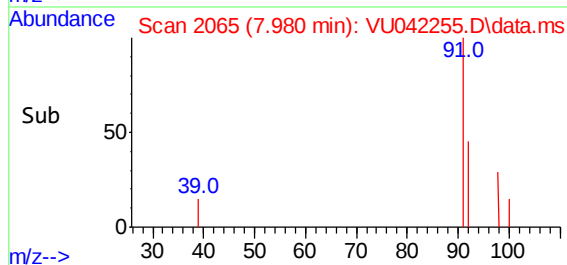
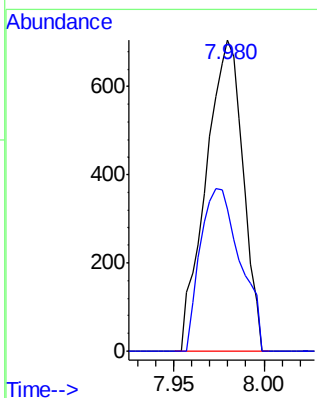
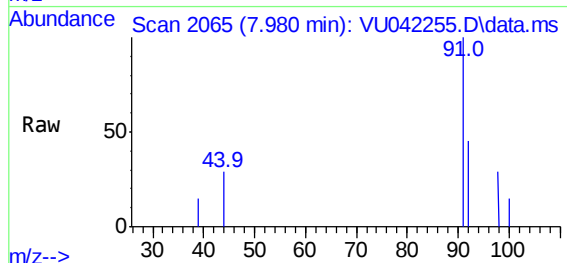




#42
Toluene
Concen: 0.04 ug/L
RT: 7.980 min Scan# 2065
Delta R.T. 0.003 min
Lab File: VU042255.D
Acq: 04 Feb 2021 00:38

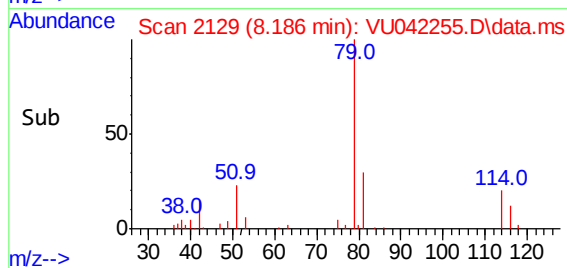
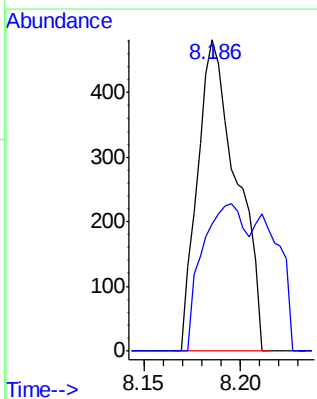
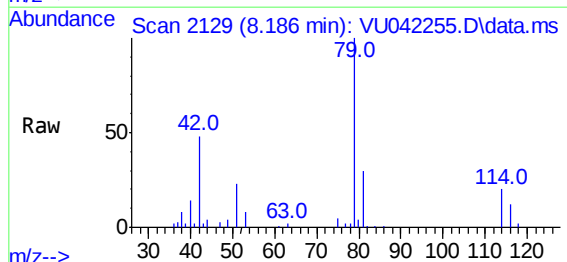
Instrument :
MSVOA_U
ClientSampled :
CAA19

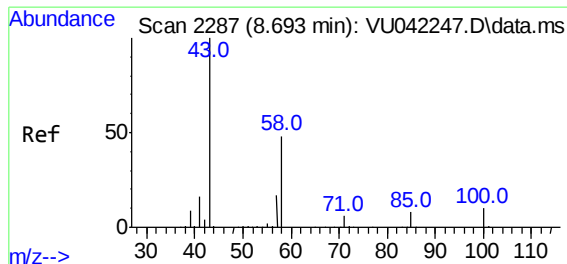
Tgt Ion: 91 Resp: 1002
Ion Ratio Lower Upper
91 100
92 45.5 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 0.07 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.035 min
Lab File: VU042255.D
Acq: 04 Feb 2021 00:38

Tgt Ion: 75 Resp: 680
Ion Ratio Lower Upper
75 100
77 40.9 21.8 40.4#

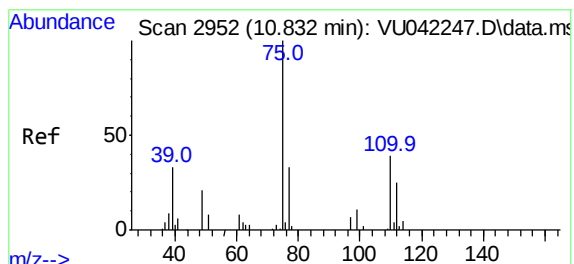
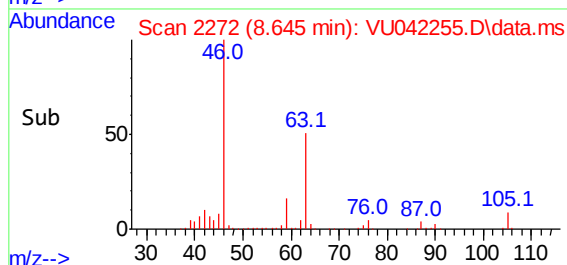
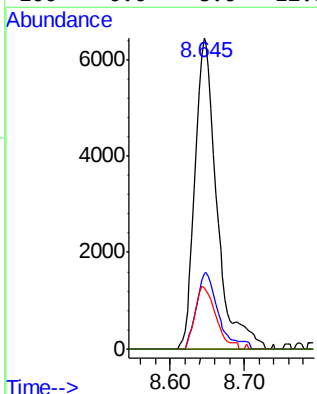
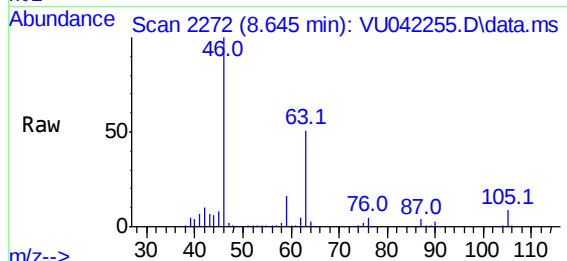




#48
2-Hexanone
Concen: 3.28 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.048 min
Lab File: VU042255.D
Acq: 04 Feb 2021 00:38

Instrument :
MSVOA_U
ClientSampleId :
CAA19

Tgt Ion: 43 Resp: 13288
Ion Ratio Lower Upper
43 100
58 24.5 40.6 61.0#
57 19.1 14.9 22.3
100 0.0 8.6 12.8#



#59
1,2,3-Trichloropropane
Concen: 1.15 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042255.D
Acq: 04 Feb 2021 00:38

Tgt Ion: 75 Resp: 5544
Ion Ratio Lower Upper
75 100
77 33.2 26.0 39.0

