

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020321\
 Data File : VU042234.D
 Acq On : 03 Feb 2021 15:26
 Operator : SY/MD
 Sample : M1298-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0A55

Quant Time: Feb 04 04:22:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 04 04:20:04 2021
 Response via : Initial Calibration

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

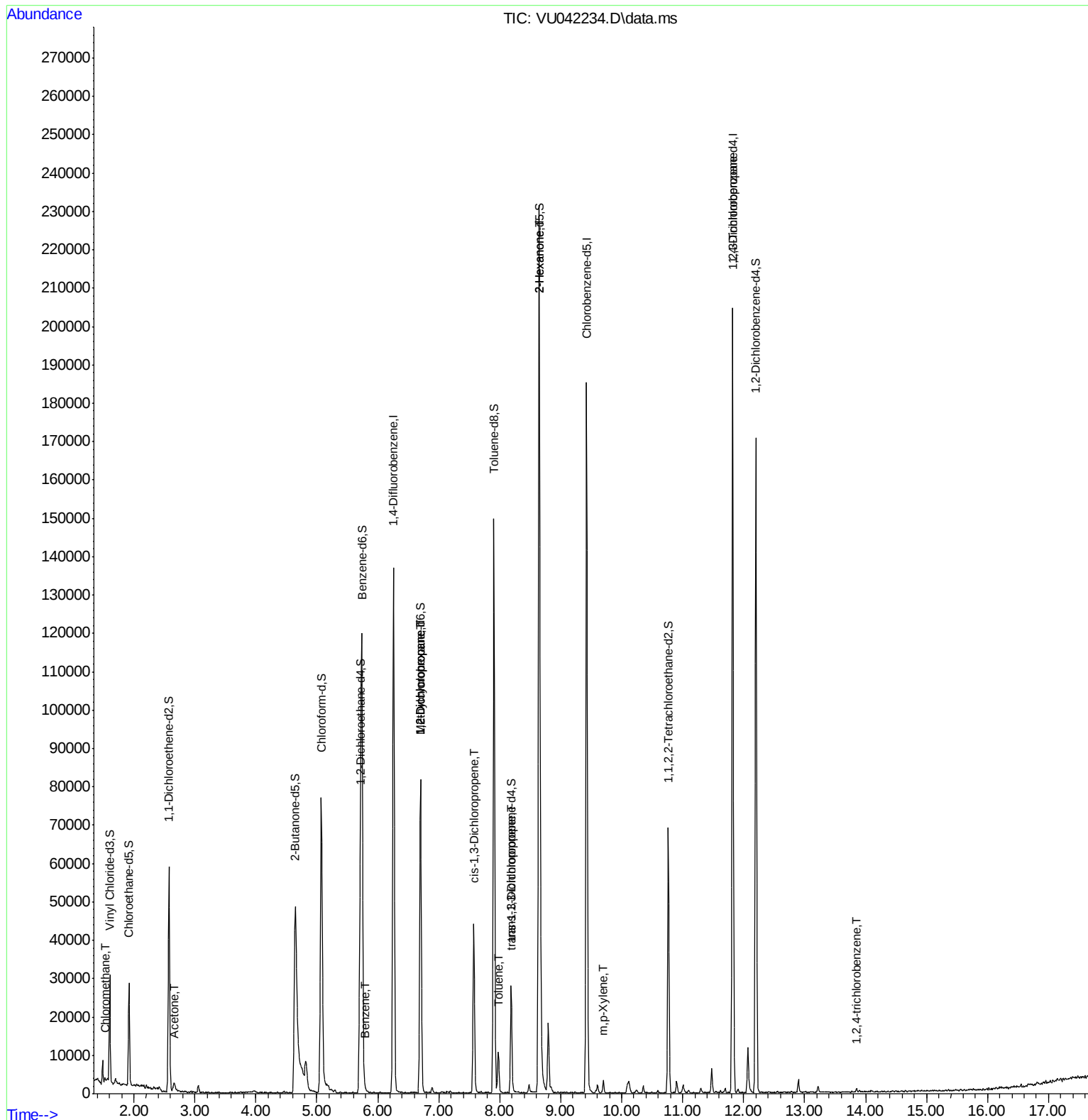
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	106427	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	98073	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	52821	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	19286	2.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.20%
7) Chloroethane-d5	1.919	69	18275	3.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.00%
11) 1,1-Dichloroethene-d2	2.575	63	36638	2.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.40%#
20) 2-Butanone-d5	4.649	46	101927	40.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.38%
24) Chloroform-d	5.073	84	56744	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.20%
26) 1,2-Dichloroethane-d4	5.713	65	37615	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	5.739	84	101797	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
36) 1,2-Dichloropropane-d6	6.700	67	36759	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.906	98	93842	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
43) trans-1,3-Dichloroprop...	8.185	79	15061	3.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.00%
46) 2-Hexanone-d5	8.645	63	89852	49.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.58%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	33057	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	12.201	152	42525	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	513	0.06	ug/L	98
13) Acetone	2.655	43	4371	2.62	ug/L	92
33) Benzene	5.787	78	706	0.02	ug/L	100
35) Methylcyclohexane	6.700	83	8537	0.65	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	4129	0.54	ug/L #	87
39) cis-1,3-Dichloropropene	7.571	75	1110	0.09	ug/L #	60
42) Toluene	7.976	91	7660	0.25	ug/L	98
44) trans-1,3-Dichloropropene	8.182	75	667	0.06	ug/L #	63
48) 2-Hexanone	8.645	43	13034	2.88	ug/L #	67
53) m,p-Xylene	9.697	106	929	0.07	ug/L	85
59) 1,2,3-Trichloropropane	11.822	75	6219	1.16	ug/L	99
68) 1,2,4-trichlorobenzene	13.848	180	373	0.04	ug/L #	68

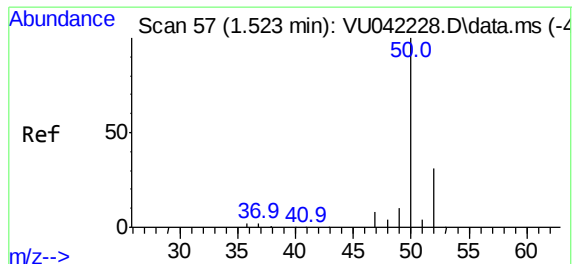
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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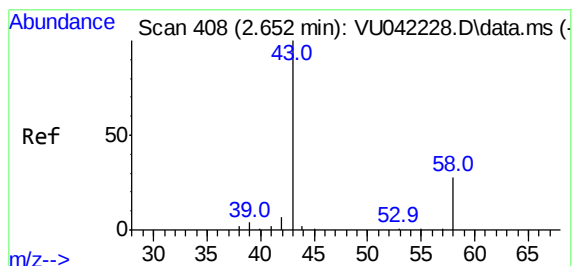
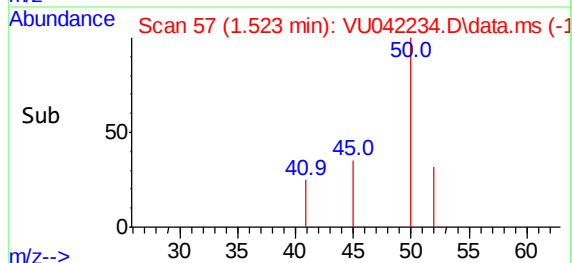
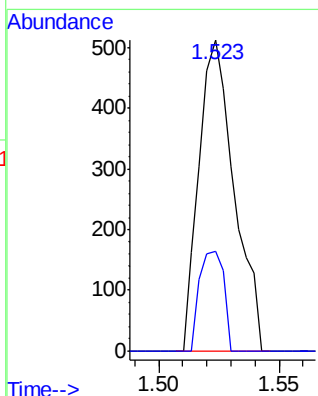
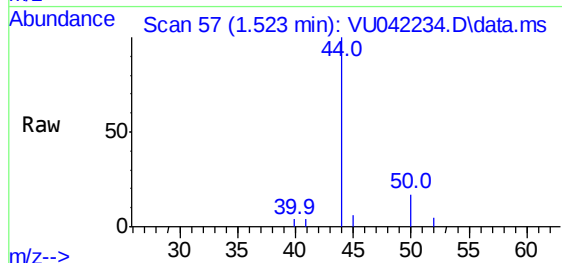




#3
Chloromethane
Concen: 0.06 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042234.D
Acq: 03 Feb 2021 15:26

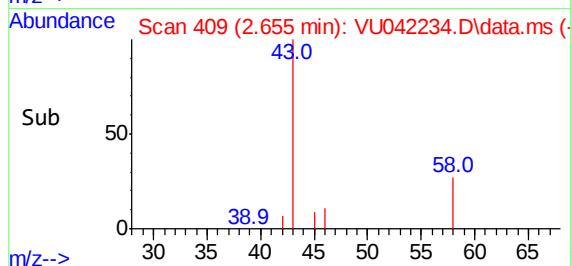
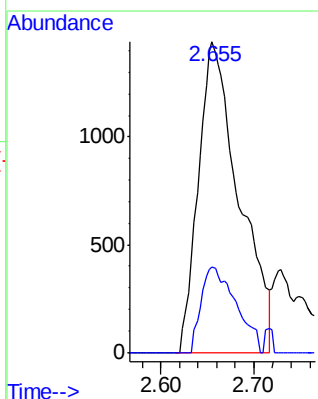
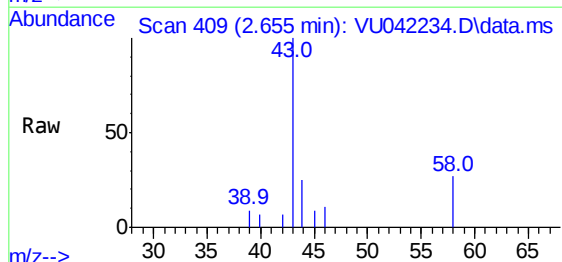
Instrument :
MSVOA_U
ClientSampleId :
C0A55

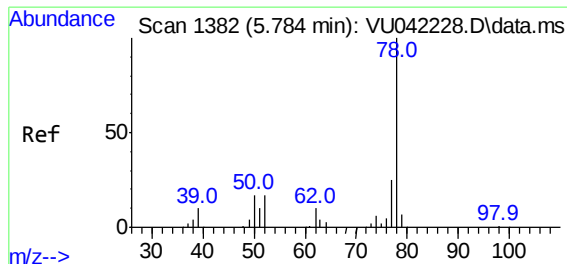
Tgt Ion: 50 Resp: 513
Ion Ratio Lower Upper
50 100
52 32.0 23.0 42.8



#13
Acetone
Concen: 2.62 ug/L
RT: 2.655 min Scan# 409
Delta R.T. 0.003 min
Lab File: VU042234.D
Acq: 03 Feb 2021 15:26

Tgt Ion: 43 Resp: 4371
Ion Ratio Lower Upper
43 100
58 23.5 0.0 55.8

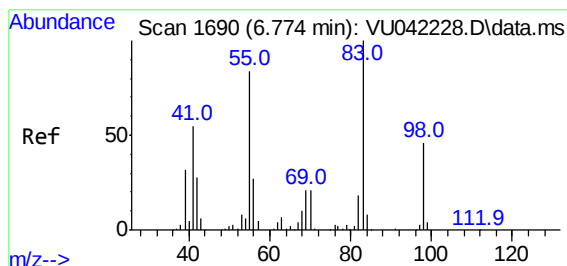
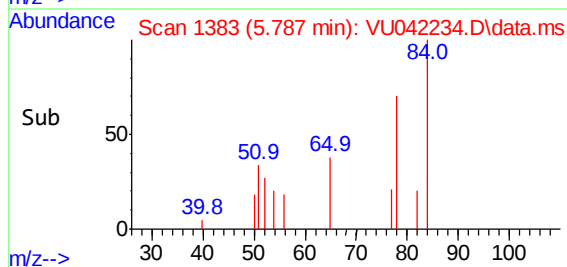
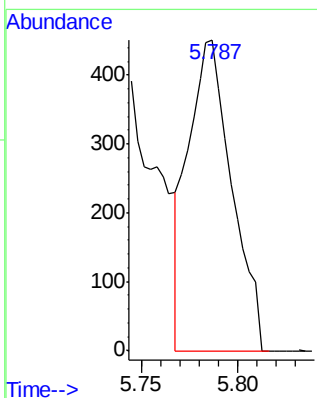
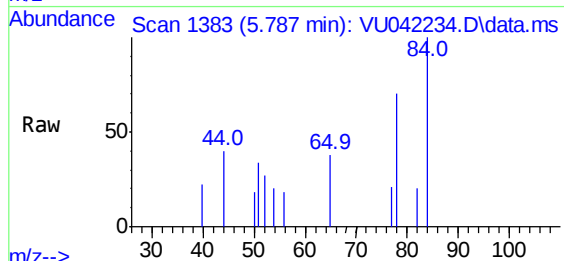




#33
Benzene
Concen: 0.02 ug/L
RT: 5.787 min Scan# 1383
Delta R.T. 0.003 min
Lab File: VU042234.D
Acq: 03 Feb 2021 15:26

Instrument :
MSVOA_U
ClientSampleId :
C0A55

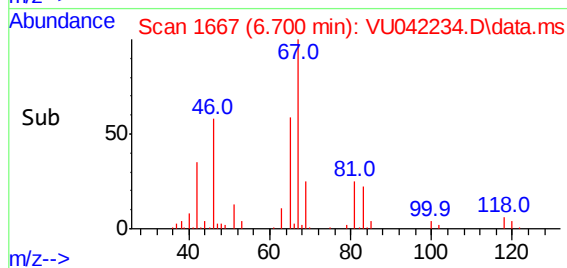
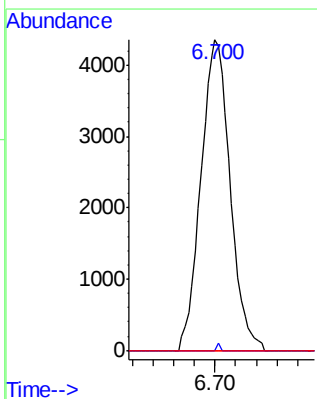
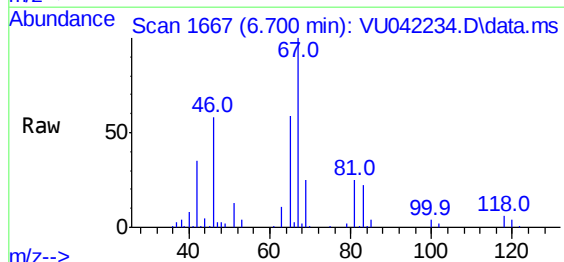
Tgt Ion: 78 Resp: 706

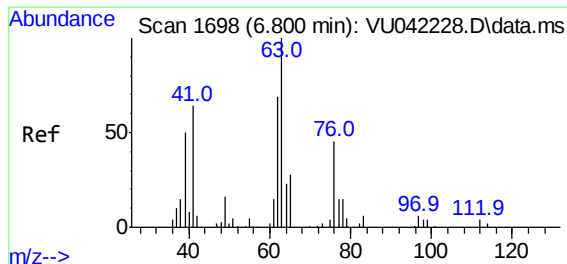


#35
Methylcyclohexane
Concen: 0.65 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042234.D
Acq: 03 Feb 2021 15:26

Tgt Ion: 83 Resp: 8537

Ion	Ratio	Lower	Upper
83	100		
55	0.2	68.2	102.4#
98	0.0	39.7	59.5#

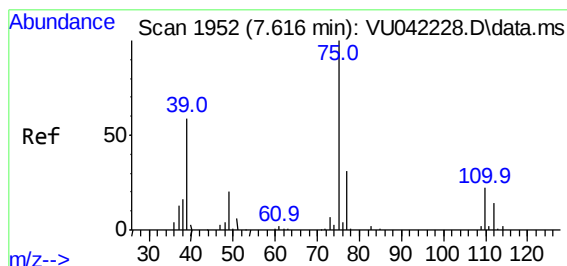
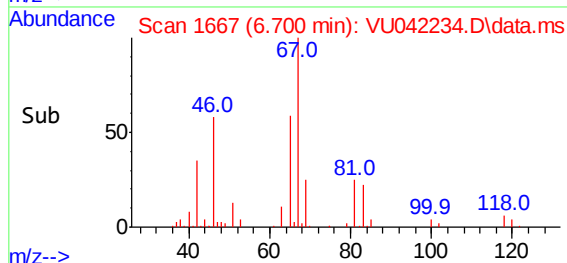
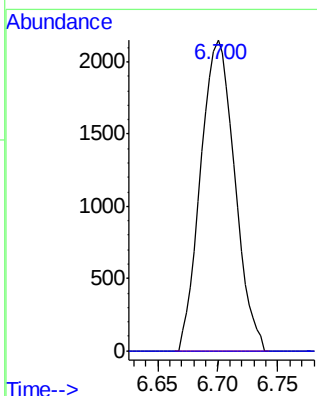
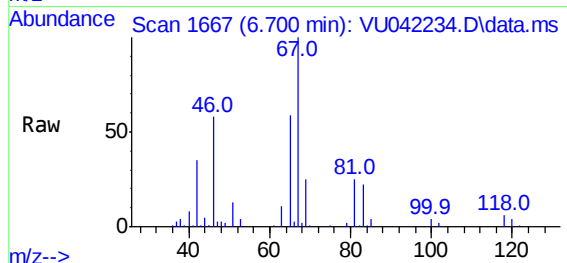




#37
1,2-Dichloropropane
Concen: 0.54 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042234.D
Acq: 03 Feb 2021 15:26

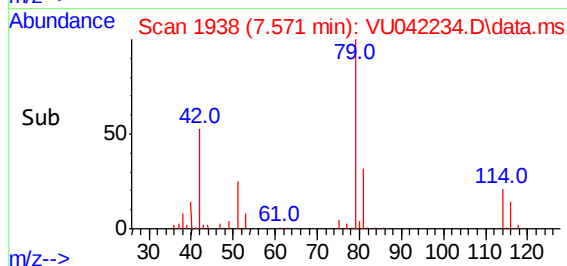
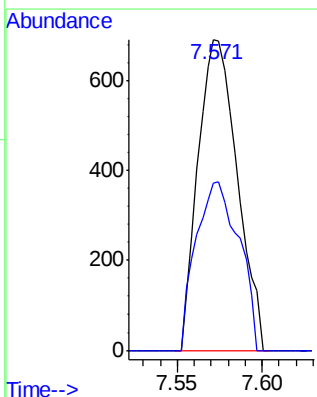
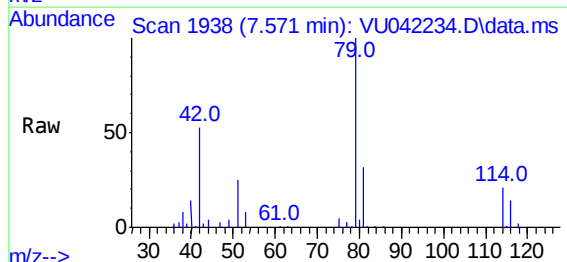
Instrument :
MSVOA_U
ClientSampleId :
C0A55

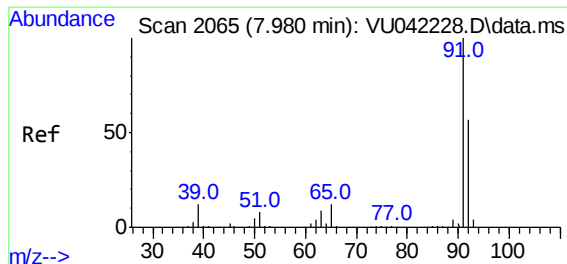
Tgt Ion: 63 Resp: 4129
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU042234.D
Acq: 03 Feb 2021 15:26

Tgt Ion: 75 Resp: 1110
Ion Ratio Lower Upper
75 100
77 53.8 22.0 40.8#

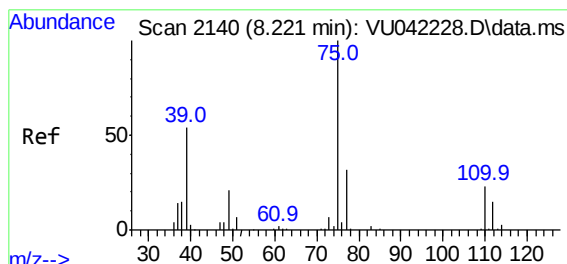
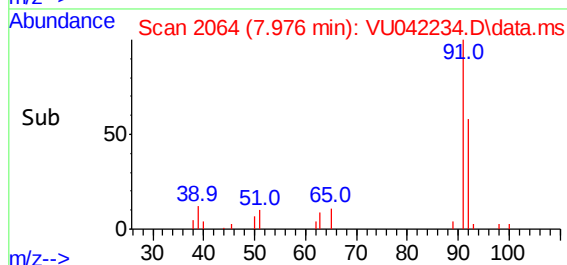
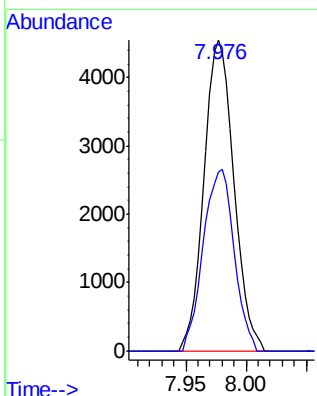
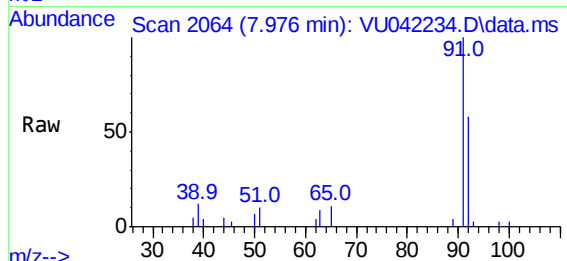




#42
Toluene
Concen: 0.25 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.003 min
Lab File: VU042234.D
Acq: 03 Feb 2021 15:26

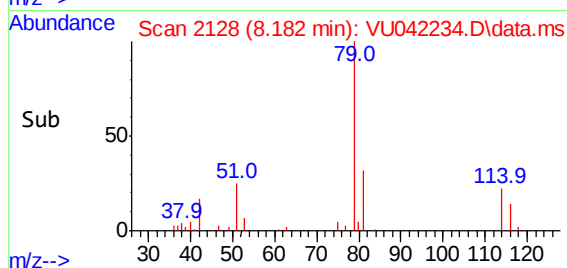
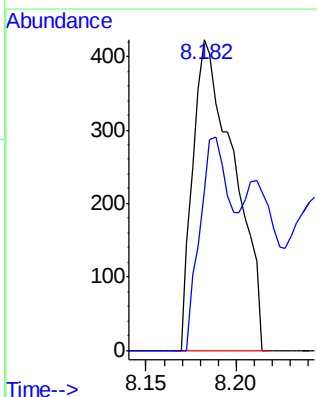
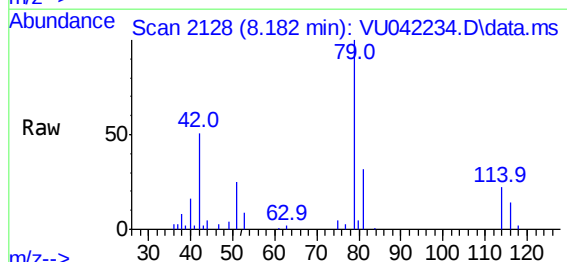
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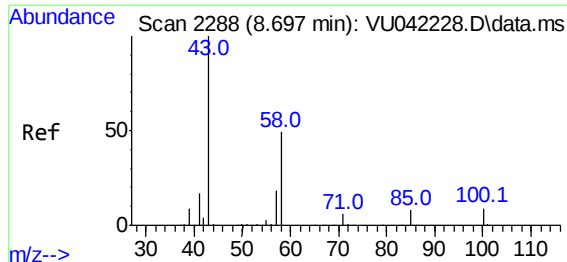
Tgt Ion: 91 Resp: 7660
Ion Ratio Lower Upper
91 100
92 57.7 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.039 min
Lab File: VU042234.D
Acq: 03 Feb 2021 15:26

Tgt Ion: 75 Resp: 667
Ion Ratio Lower Upper
75 100
77 51.5 21.8 40.4

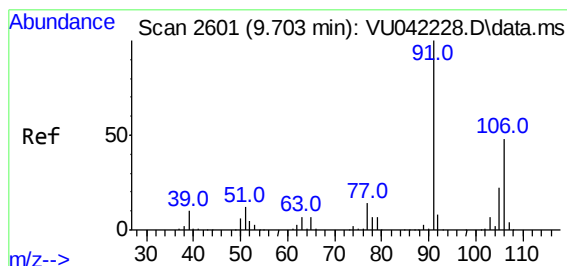
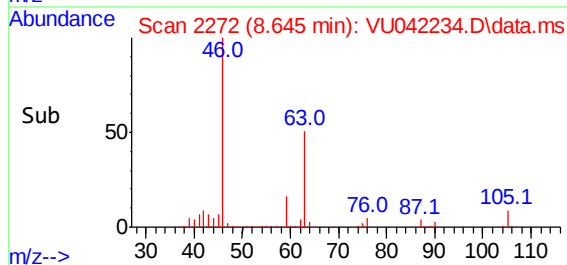
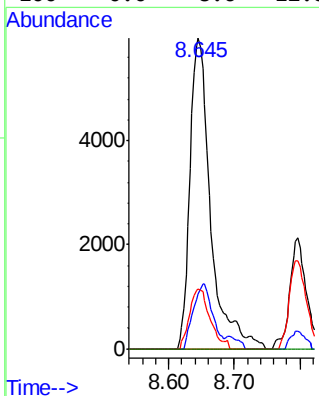
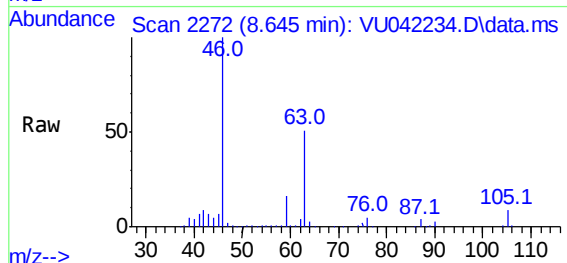




#48
2-Hexanone
Concen: 2.88 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.051 min
Lab File: VU042234.D
Acq: 03 Feb 2021 15:26

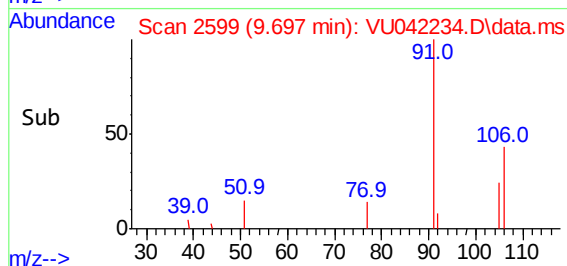
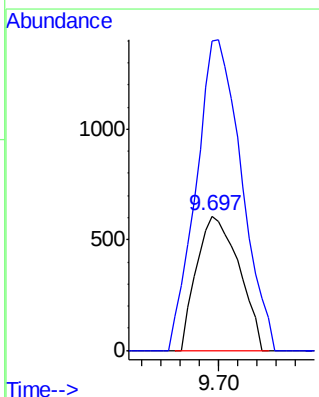
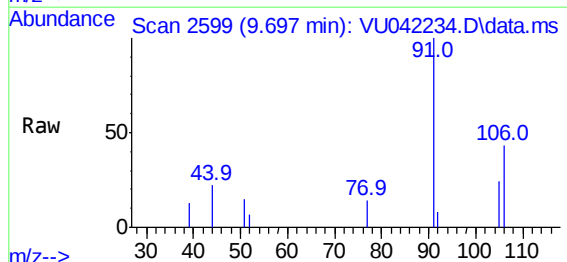
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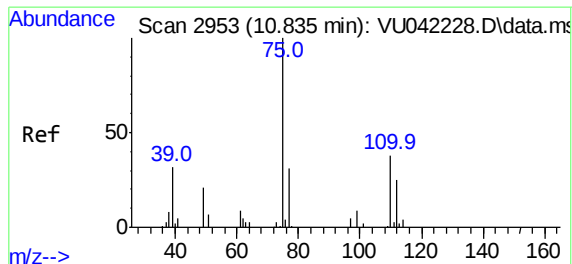
Tgt Ion: 43 Resp: 13034
Ion Ratio Lower Upper
43 100
58 19.4 40.6 61.0#
57 19.2 14.9 22.3
100 0.0 8.6 12.8#



#53
m,p-Xylene
Concen: 0.07 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.006 min
Lab File: VU042234.D
Acq: 03 Feb 2021 15:26

Tgt Ion:106 Resp: 929
Ion Ratio Lower Upper
106 100
91 230.4 145.1 269.5

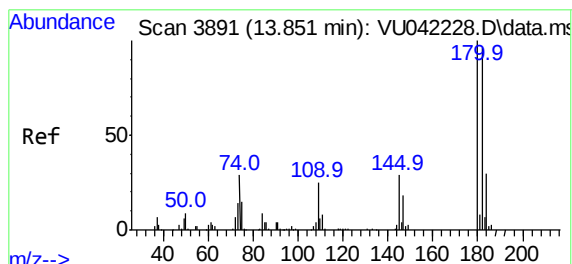
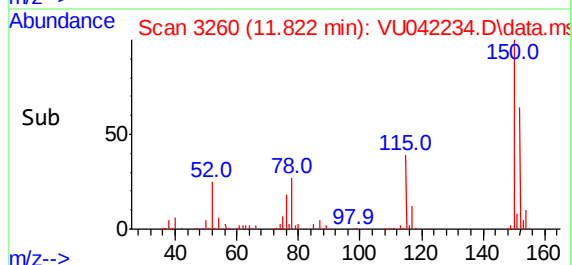
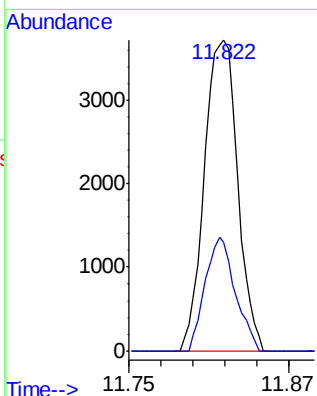
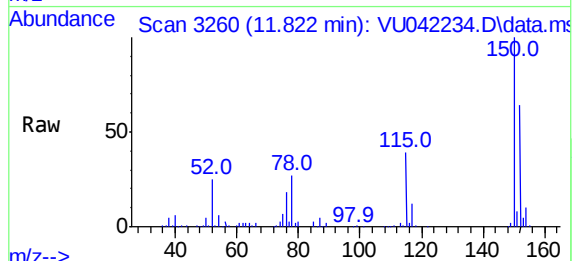




#59
1,2,3-Trichloropropane
Concen: 1.16 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 0.987 min
Lab File: VU042234.D
Acq: 03 Feb 2021 15:26

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Tgt Ion: 75 Resp: 6219
Ion Ratio Lower Upper
75 100
77 33.1 26.0 39.0



#68
1,2,4-trichlorobenzene
Concen: 0.04 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. -0.003 min
Lab File: VU042234.D
Acq: 03 Feb 2021 15:26

Tgt Ion:180 Resp: 373
Ion Ratio Lower Upper
180 100
182 119.0 76.3 114.5#
145 0.0 23.7 35.5#

