

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
 Data File : VU043470.D
 Acq On : 30 Apr 2021 12:51
 Operator : SY/MD
 Sample : M2197-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

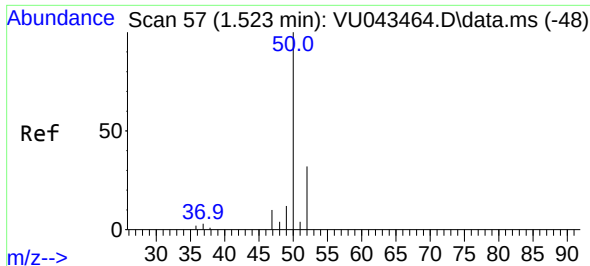
Quant Time: Apr 30 13:32:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 30 08:34:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	83281	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	85141	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	38616	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	18066	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.919	69	17881	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.575	65	11059	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.20%
20) 2-Butanone-d5	4.645	46	112972	60.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.64%
24) Chloroform-d	5.073	84	55516	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.710	65	35464	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.735	84	93176	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.700	67	35018	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.906	98	77505	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
43) trans-1,3-Dichloroprop...	8.185	79	11907	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.642	63	68162	47.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.14%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	29530	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	32415	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	10095	1.92	ug/L	# 52
13) Acetone	2.652	43	2546	1.87	ug/L	96
14) Carbon disulfide	2.803	76	7005	0.59	ug/L	99
25) Chloroform	5.099	83	5647	0.49	ug/L	97
31) Carbon tetrachloride	5.530	117	807	0.09	ug/L	81
34) Trichloroethene	6.549	95	11945	1.90	ug/L	92
35) Methylcyclohexane	6.700	83	7745	0.89	ug/L	# 19
37) 1,2-Dichloropropane	6.700	63	4384	0.68	ug/L	# 87
39) cis-1,3-Dichloropropene	7.575	75	900	0.10	ug/L	# 52
42) Toluene	7.976	91	1689	0.07	ug/L	92
47) Tetrachloroethene	8.565	164	2825	0.57	ug/L	91
48) 2-Hexanone	8.693	43	6058	1.44	ug/L	# 68
49) Dibromochloromethane	8.562	129	2705	0.45	ug/L	# 9
52) Ethylbenzene	9.697	91	2248	0.08	ug/L	93
53) m,p-Xylene	9.703	106	982	0.09	ug/L	93
61) 1,2,3-Trichloropropane	11.819	75	5497	1.38	ug/L	# 66

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

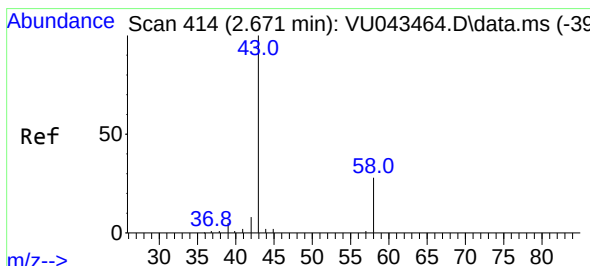
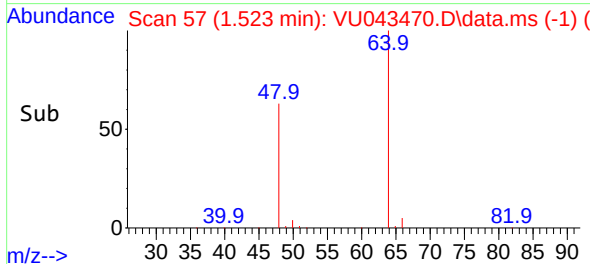
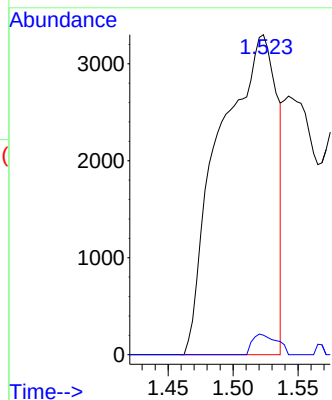
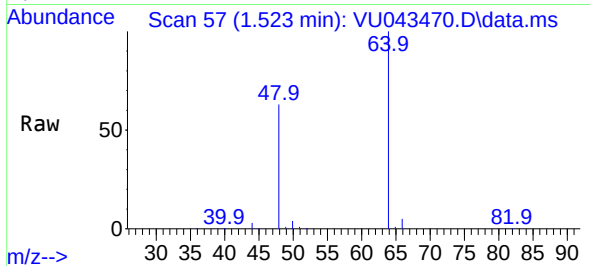
Instrument :
MSVOA_U
ClientSampleId :



#3
Chloromethane
Concen: 1.92 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU043470.D
Acq: 30 Apr 2021 12:51

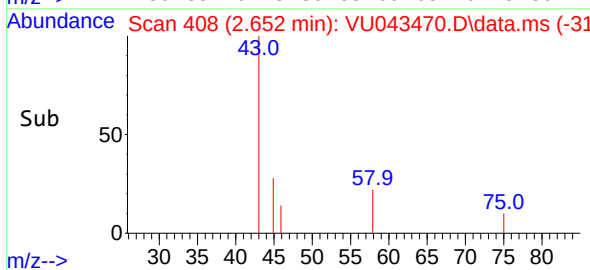
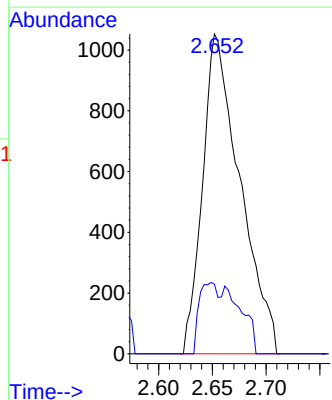
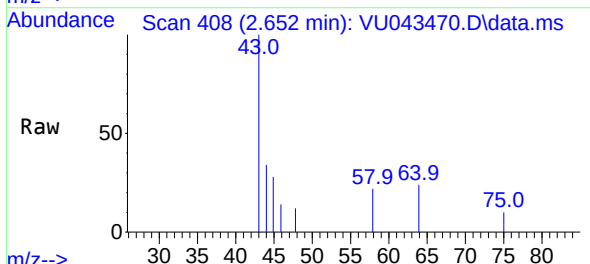
Instrument :
MSVOA_U
ClientSampled :

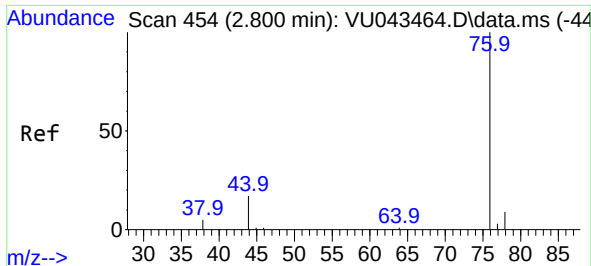
Tgt Ion: 50 Resp: 10095
Ion Ratio Lower Upper
50 100
52 6.1 23.6 43.8#



#13
Acetone
Concen: 1.87 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.009 min
Lab File: VU043470.D
Acq: 30 Apr 2021 12:51

Tgt Ion: 43 Resp: 2546
Ion Ratio Lower Upper
43 100
58 10.9 0.0 25.0

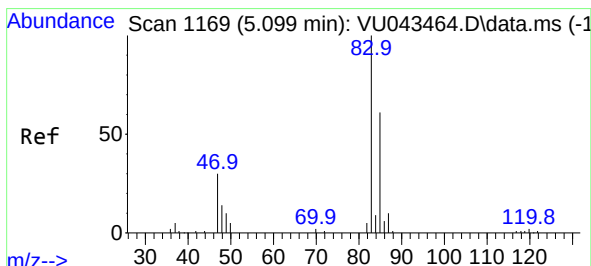
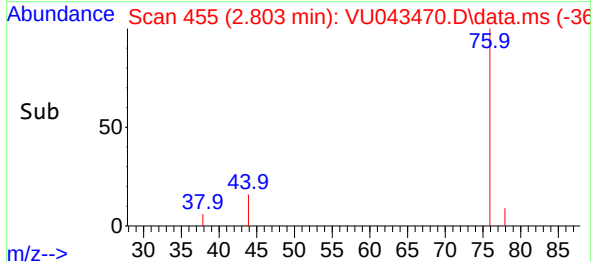
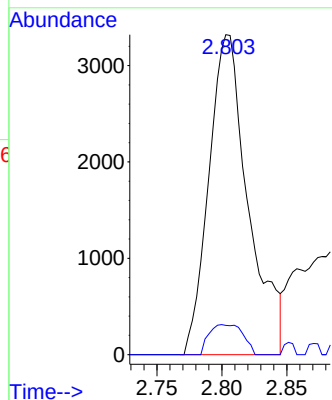
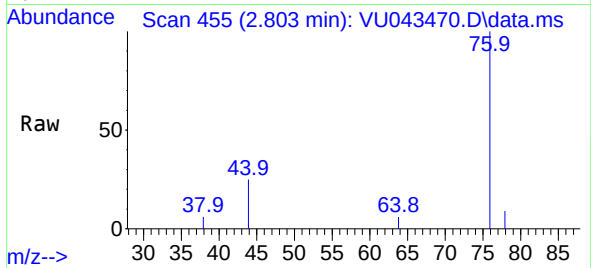




#14
Carbon disulfide
Concen: 0.59 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.003 min
Lab File: VU043470.D
Acq: 30 Apr 2021 12:51

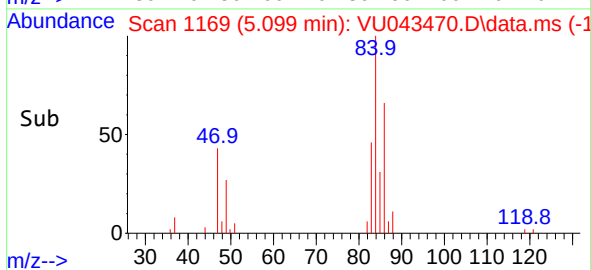
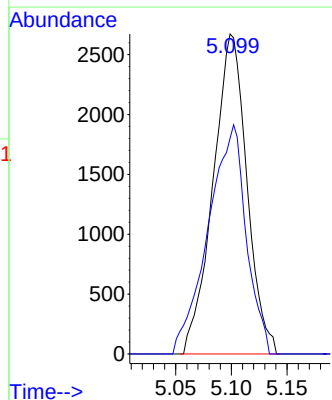
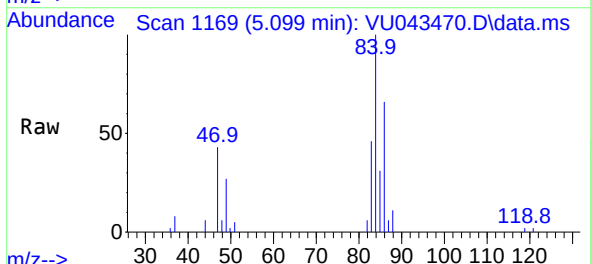
Instrument :
MSVOA_U
ClientSampled :

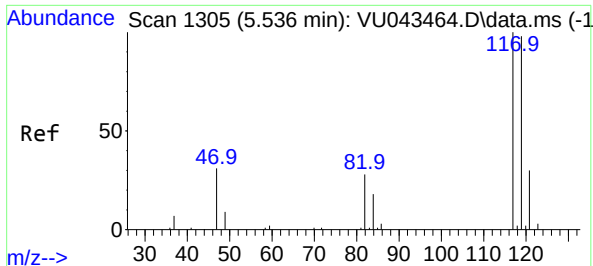
Tgt Ion: 76 Resp: 7005
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#25
Chloroform
Concen: 0.49 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043470.D
Acq: 30 Apr 2021 12:51

Tgt Ion: 83 Resp: 5647
Ion Ratio Lower Upper
83 100
85 67.5 45.6 84.8

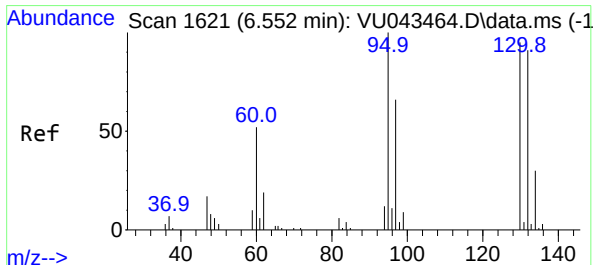
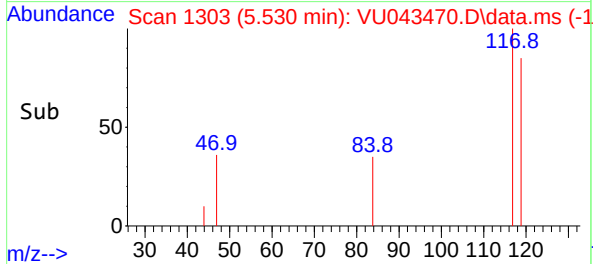
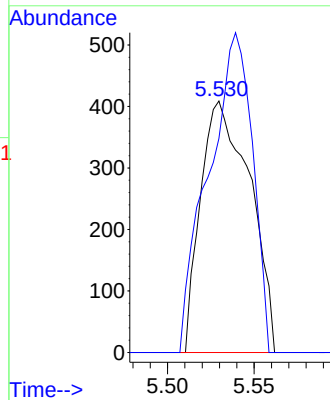
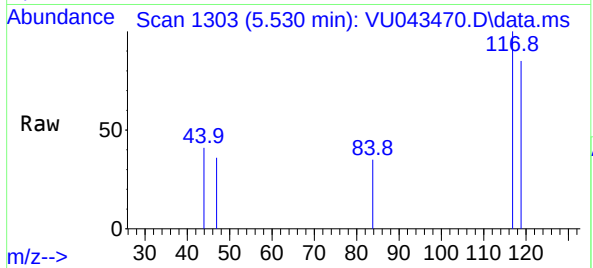




#31
Carbon tetrachloride
Concen: 0.09 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. -0.003 min
Lab File: VU043470.D
Acq: 30 Apr 2021 12:51

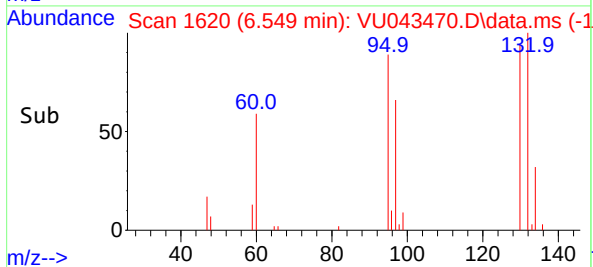
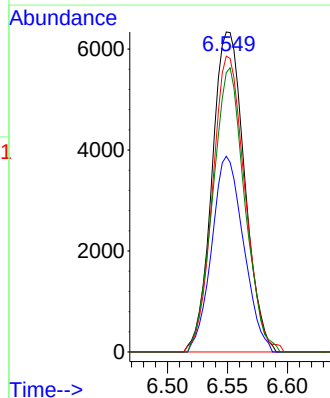
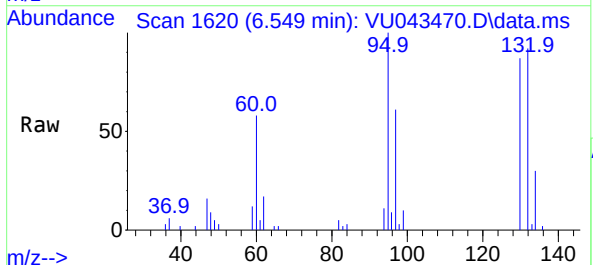
Instrument :
MSVOA_U
ClientSampleId :

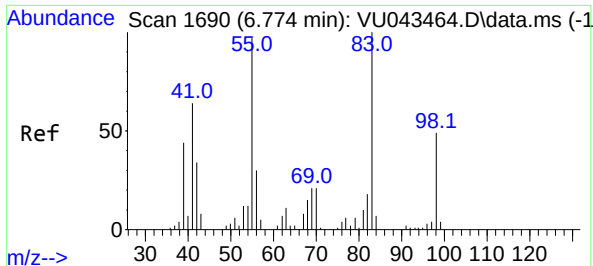
Tgt Ion:117 Resp: 807
Ion Ratio Lower Upper
117 100
119 113.8 76.2 114.4



#34
Trichloroethene
Concen: 1.90 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU043470.D
Acq: 30 Apr 2021 12:51

Tgt Ion: 95 Resp: 11945
Ion Ratio Lower Upper
95 100
97 61.2 45.8 85.2
132 92.5 68.7 127.7
130 87.3 70.1 130.3





#35

Methylcyclohexane

Concen: 0.89 ug/L

RT: 6.700 min Scan# 1667

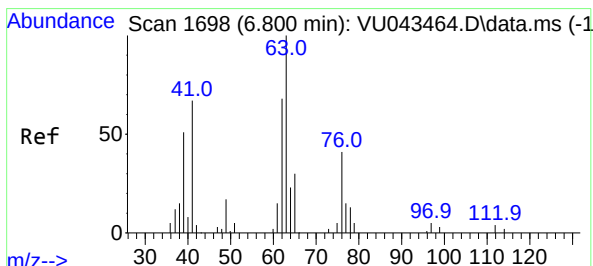
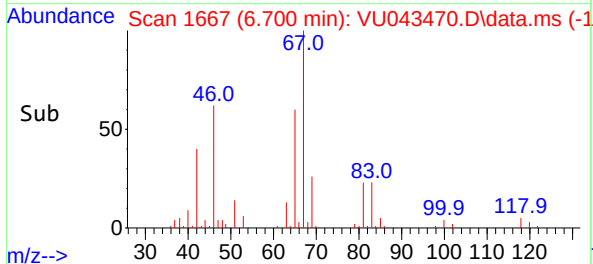
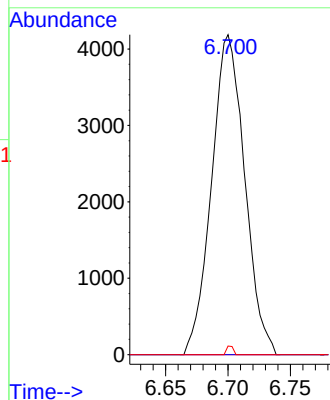
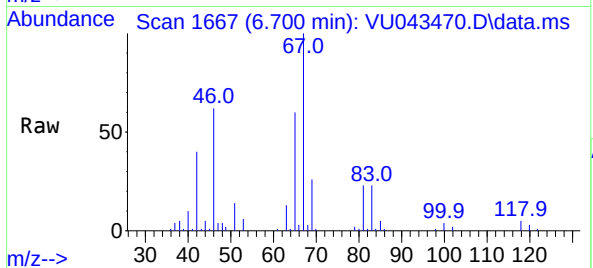
Delta R.T. -0.071 min

Lab File: VU043470.D

Acq: 30 Apr 2021 12:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83	Resp: 7745
Ion Ratio	Lower Upper
83 100	
55 0.0	59.5 89.3#
98 0.5	37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.68 ug/L

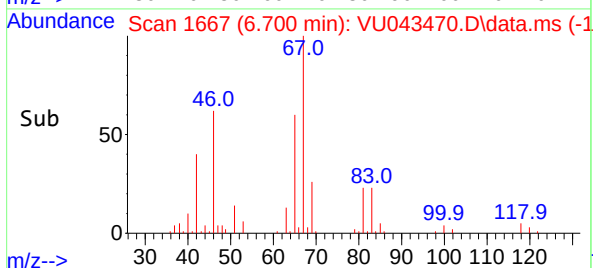
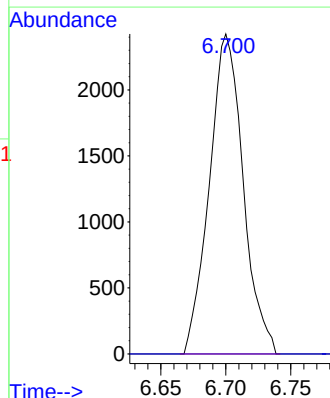
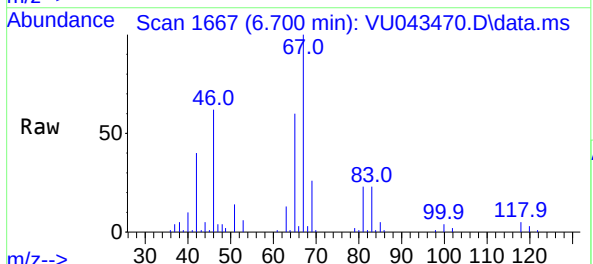
RT: 6.700 min Scan# 1667

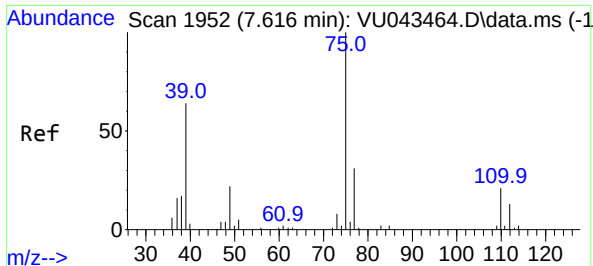
Delta R.T. -0.100 min

Lab File: VU043470.D

Acq: 30 Apr 2021 12:51

Tgt Ion: 63	Resp: 4384
Ion Ratio	Lower Upper
63 100	
112 0.0	3.5 5.3#



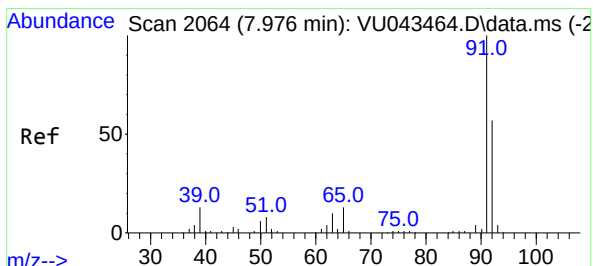
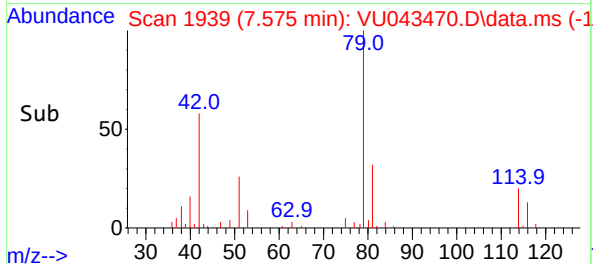
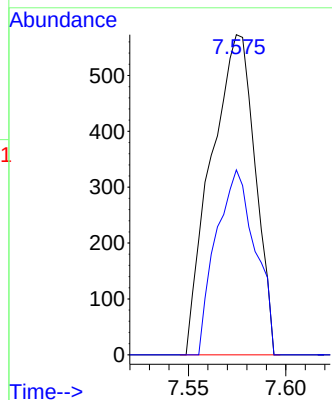
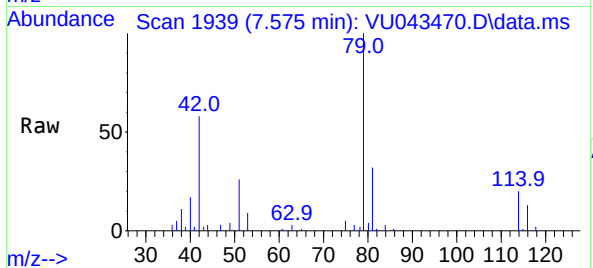


#39

cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043470.D
Acq: 30 Apr 2021 12:51

Instrument :
MSVOA_U
ClientSampled :

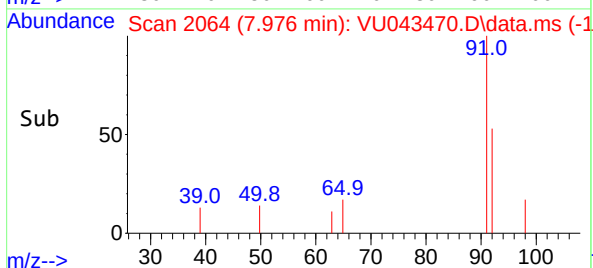
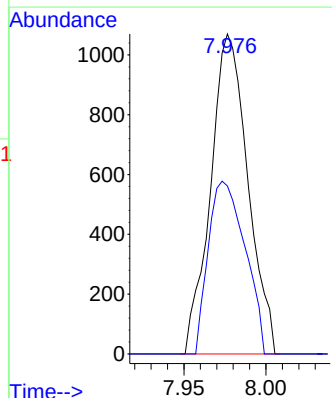
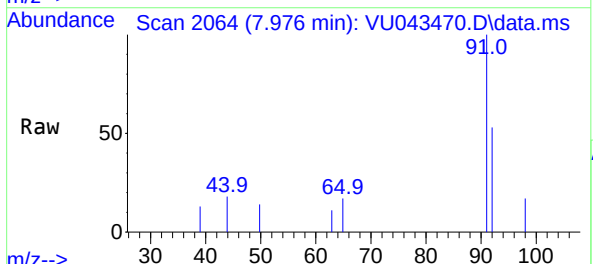
Tgt Ion: 75 Resp: 900
Ion Ratio Lower Upper
75 100
77 57.8 21.8 40.6#

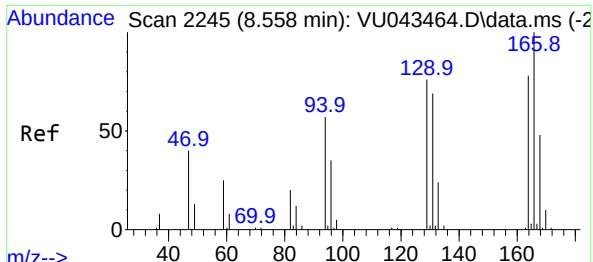


#42

Toluene
Concen: 0.07 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043470.D
Acq: 30 Apr 2021 12:51

Tgt Ion: 91 Resp: 1689
Ion Ratio Lower Upper
91 100
92 52.5 40.9 76.0





#47

Tetrachloroethene

Concen: 0.57 ug/L

RT: 8.565 min Scan# 2247

Delta R.T. 0.007 min

Lab File: VU043470.D

Acq: 30 Apr 2021 12:51

Tgt Ion:164 Resp: 2825

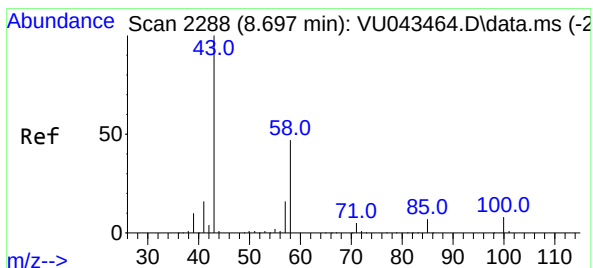
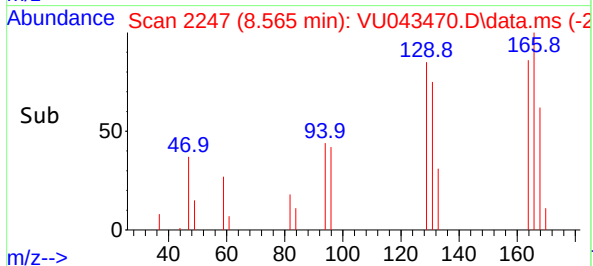
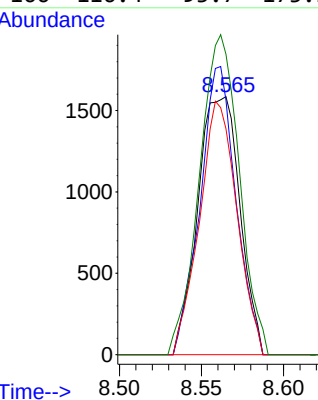
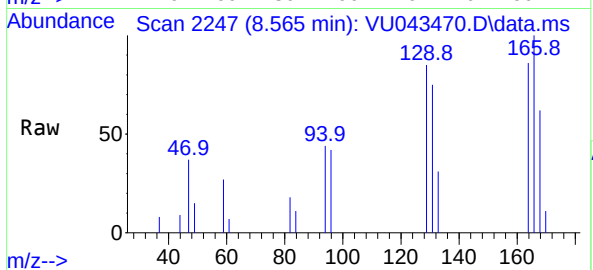
Ion Ratio Lower Upper

164 100

129 98.6 66.6 123.8

131 87.5 65.9 122.3

166 116.4 93.7 173.9



#48

2-Hexanone

Concen: 1.44 ug/L

RT: 8.693 min Scan# 2287

Delta R.T. 0.000 min

Lab File: VU043470.D

Acq: 30 Apr 2021 12:51

Tgt Ion: 43 Resp: 6058

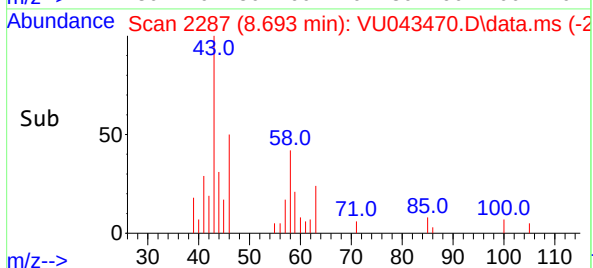
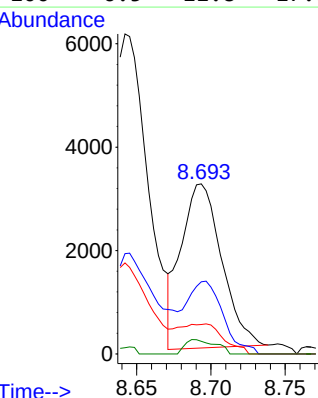
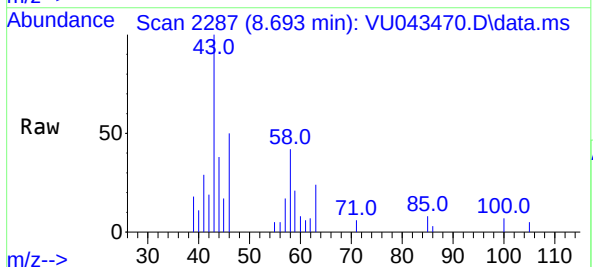
Ion Ratio Lower Upper

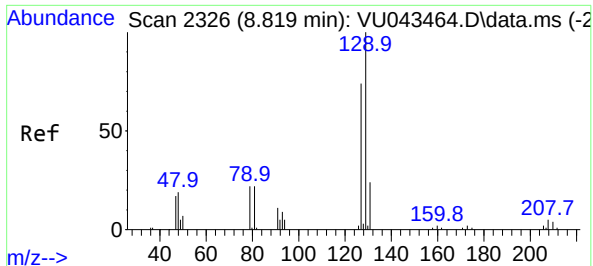
43 100

58 39.5 50.0 75.0#

57 0.0 17.4 26.0#

100 6.5 11.8 17.8#





#49

Dibromochloromethane

Concen: 0.45 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. -0.254 min

Lab File: VU043470.D

Acq: 30 Apr 2021 12:51

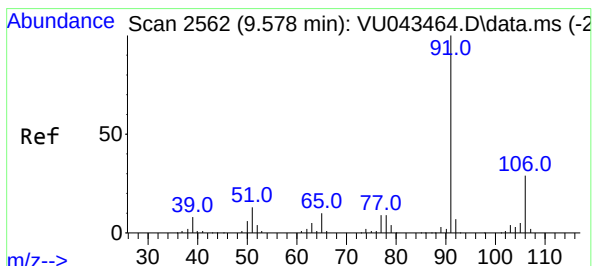
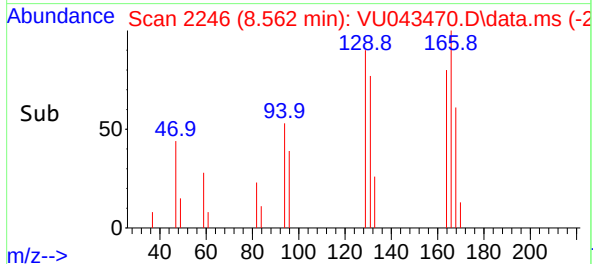
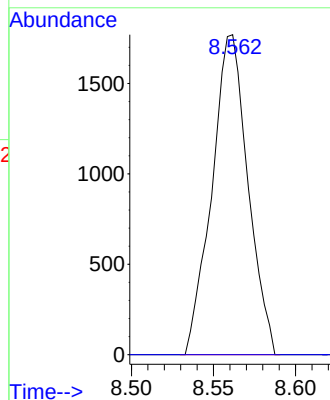
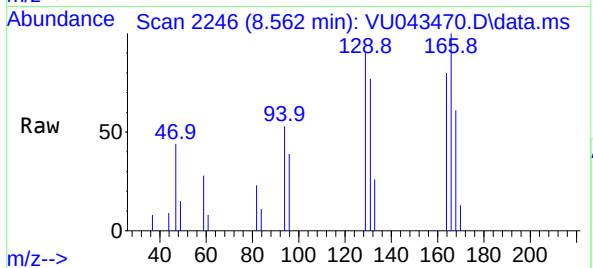
Tgt Ion:129 Resp: 2705

Ion Ratio Lower Upper

129 100

127 0.0 56.6 105.2#

Instrument :
MSVOA_U
ClientSampleId :



#52

Ethylbenzene

Concen: 0.08 ug/L

RT: 9.697 min Scan# 2599

Delta R.T. 0.119 min

Lab File: VU043470.D

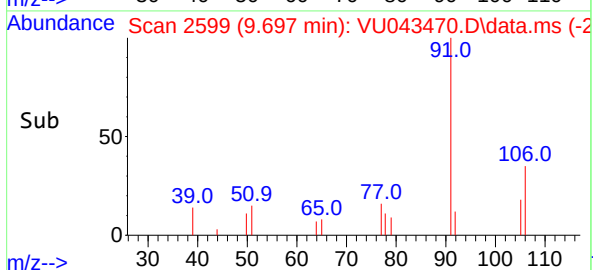
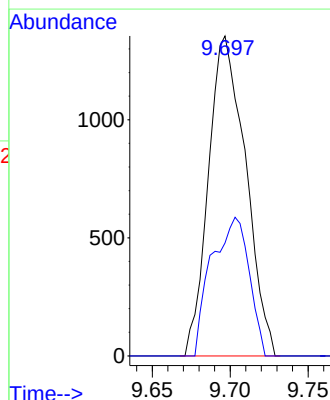
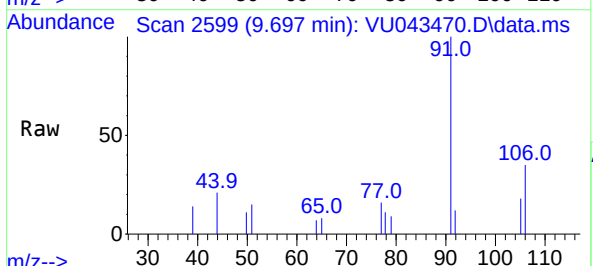
Acq: 30 Apr 2021 12:51

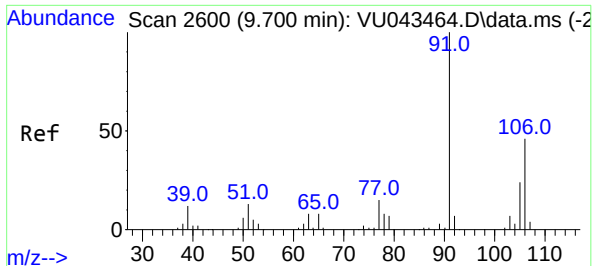
Tgt Ion: 91 Resp: 2248

Ion Ratio Lower Upper

91 100

106 35.3 22.0 40.8

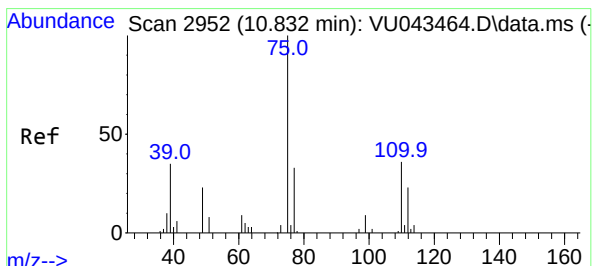
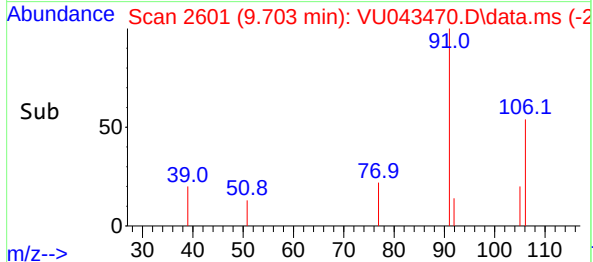
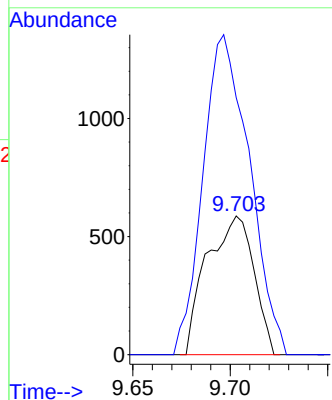
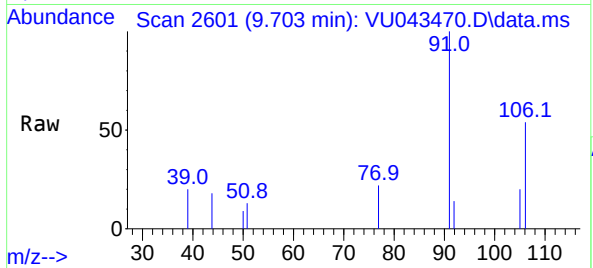




#53
m,p-Xylene
Concen: 0.09 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU043470.D
Acq: 30 Apr 2021 12:51

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:106 Resp: 982
Ion Ratio Lower Upper
106 100
91 185.5 137.6 255.6



#61
1,2,3-Trichloropropane
Concen: 1.38 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043470.D
Acq: 30 Apr 2021 12:51

Tgt Ion: 75 Resp: 5497
Ion Ratio Lower Upper
75 100
110 2.2 31.5 47.3#
77 34.0 26.3 39.5

