

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
 Data File : VU043437.D
 Acq On : 29 Apr 2021 20:04
 Operator : SY/MD
 Sample : M2197-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YARG6

Quant Time: Apr 30 07:32:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 30 07:27:36 2021
 Response via : Initial Calibration

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

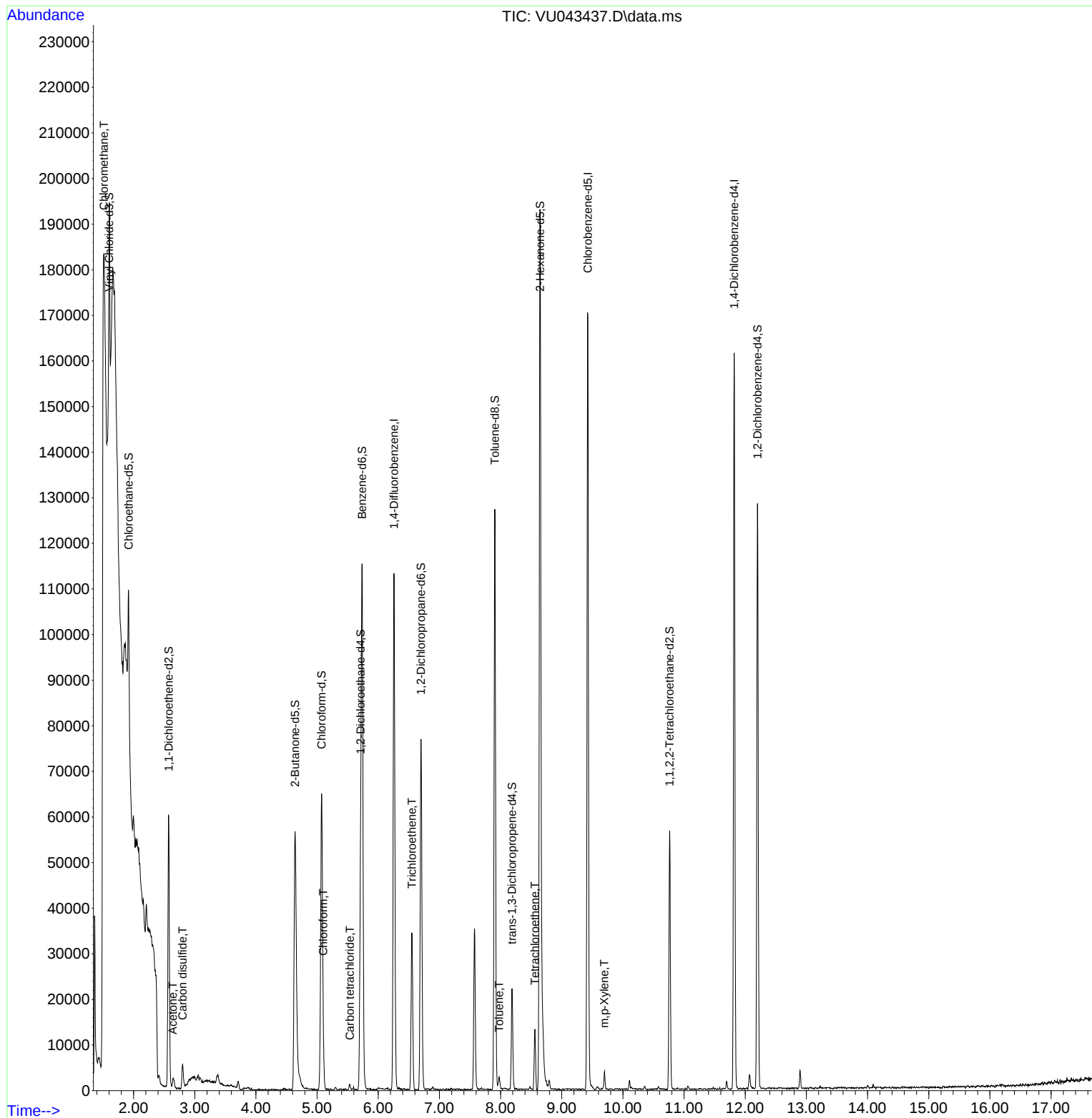
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	81626	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.426	117	83392	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	38299	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	19518	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.919	69	19135	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.575	65	11761	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.00%
20) 2-Butanone-d5	4.639	46	98197	53.94	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.88%
24) Chloroform-d	5.073	84	54224	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.713	65	34203	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.735	84	93976	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.700	67	32777	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.906	98	77605	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.80%
43) trans-1,3-Dichloroprop...	8.185	79	11492	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.645	63	58313	41.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.24%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	27235	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	30214	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	12419	2.41	ug/L	# 53
13) Acetone	2.642	43	2092	1.56	ug/L	82
14) Carbon disulfide	2.800	76	7305	0.63	ug/L	98
25) Chloroform	5.099	83	5411	0.48	ug/L	98
31) Carbon tetrachloride	5.536	117	728	0.08	ug/L	86
34) Trichloroethene	6.549	95	11266	1.83	ug/L	92
42) Toluene	7.976	91	1734	0.07	ug/L	77
47) Tetrachloroethene	8.562	164	2607	0.54	ug/L	96
53) m,p-Xylene	9.697	106	897	0.09	ug/L	68

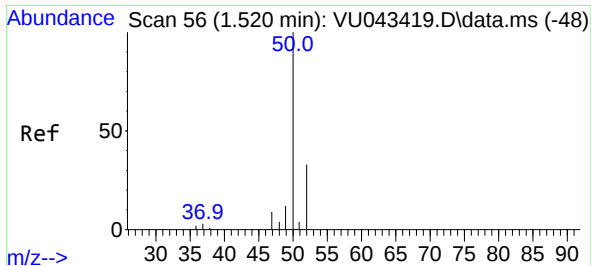
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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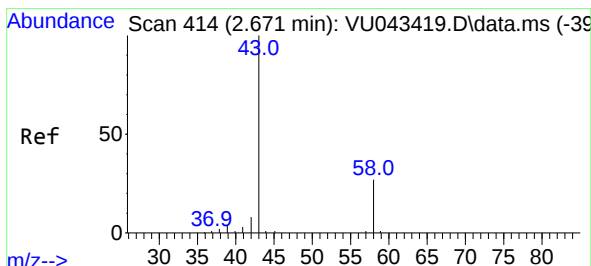
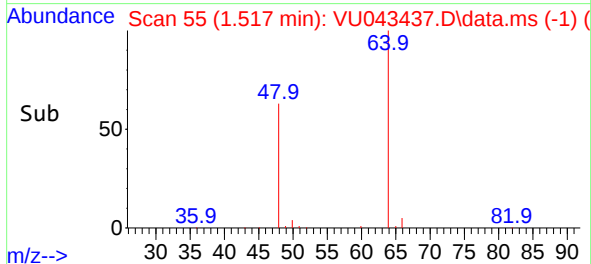
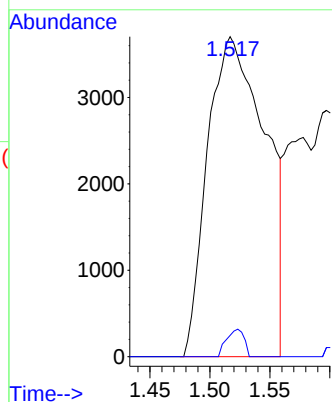
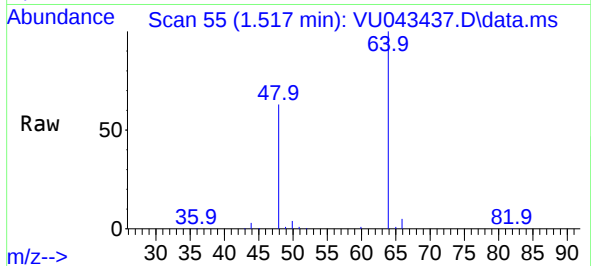




#3
Chloromethane
Concen: 2.41 ug/L
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU043437.D
Acq: 29 Apr 2021 20:04

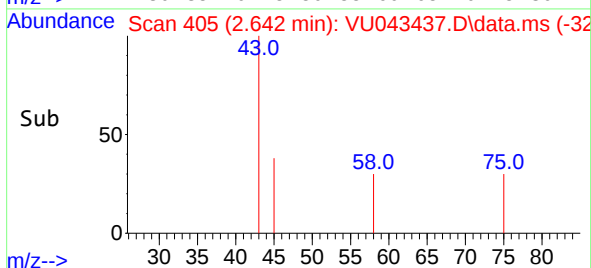
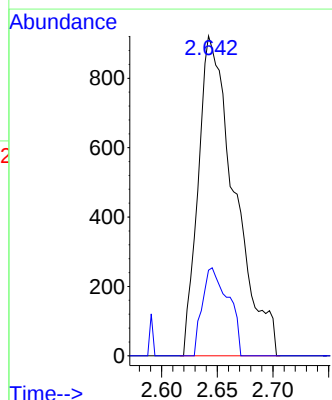
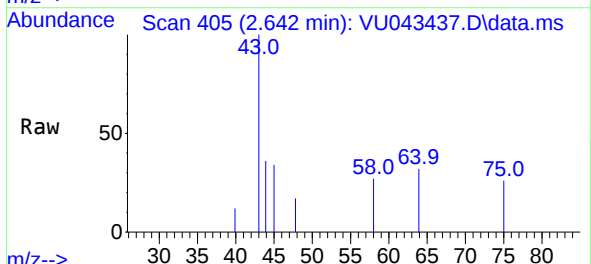
Instrument :
MSVOA_U
ClientSampled :
YARG6

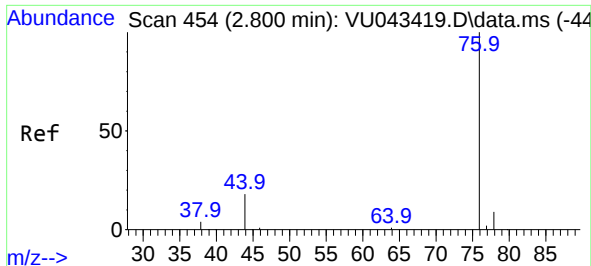
Tgt Ion: 50 Resp: 12419
Ion Ratio Lower Upper
50 100
52 6.6 23.6 43.8#



#13
Acetone
Concen: 1.56 ug/L
RT: 2.642 min Scan# 405
Delta R.T. -0.029 min
Lab File: VU043437.D
Acq: 29 Apr 2021 20:04

Tgt Ion: 43 Resp: 2092
Ion Ratio Lower Upper
43 100
58 19.6 0.0 25.0

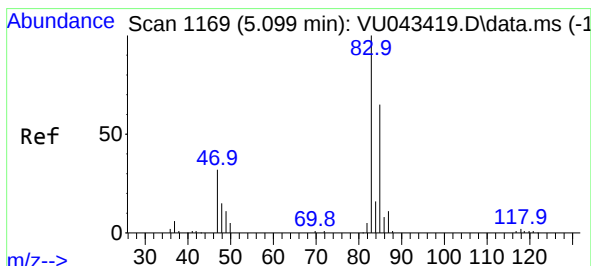
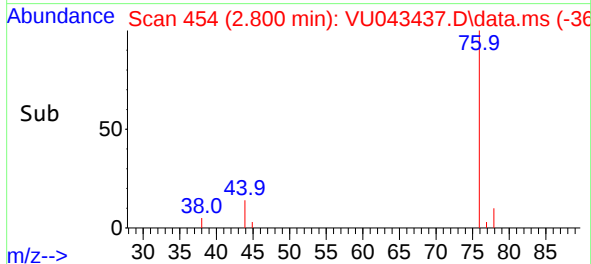
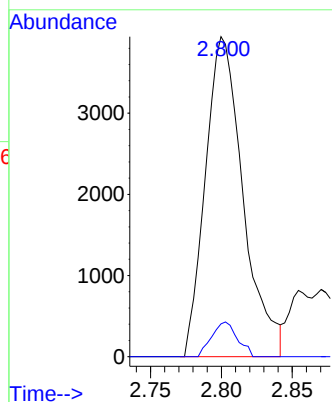
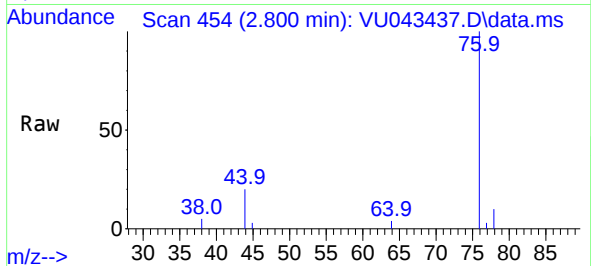




#14
Carbon disulfide
Concen: 0.63 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU043437.D
Acq: 29 Apr 2021 20:04

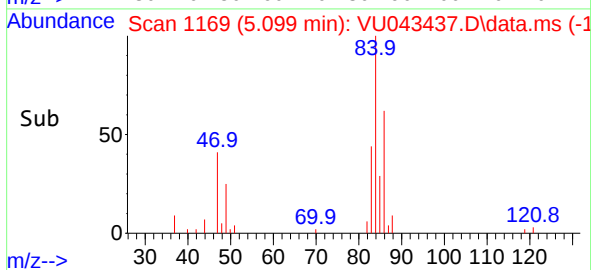
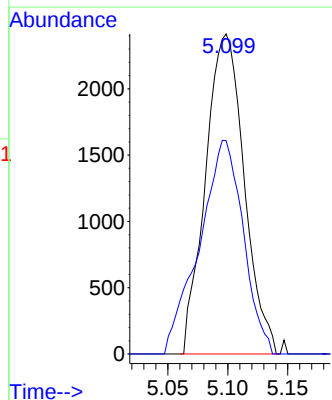
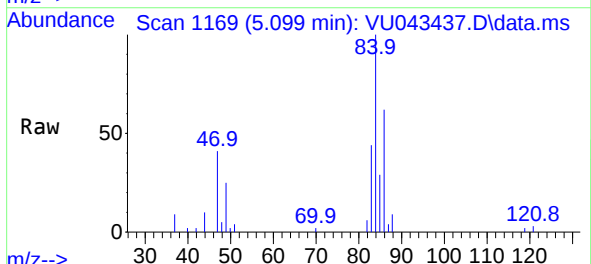
Instrument :
MSVOA_U
ClientSampleId :
YARG6

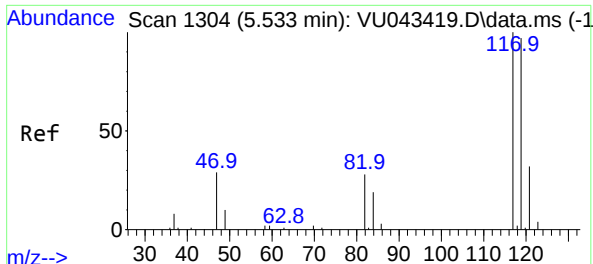
Tgt Ion: 76 Resp: 7305
Ion Ratio Lower Upper
76 100
78 10.2 7.5 11.3



#25
Chloroform
Concen: 0.48 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043437.D
Acq: 29 Apr 2021 20:04

Tgt Ion: 83 Resp: 5411
Ion Ratio Lower Upper
83 100
85 66.7 45.6 84.8

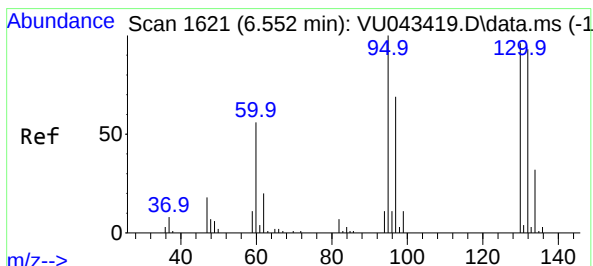
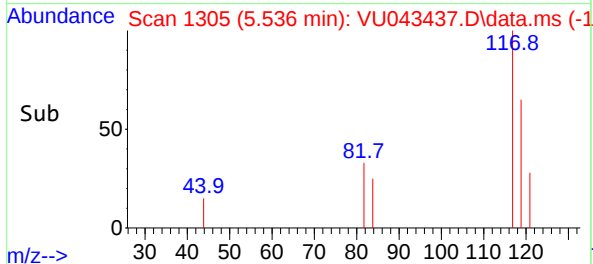
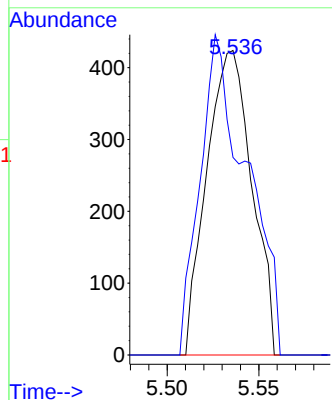
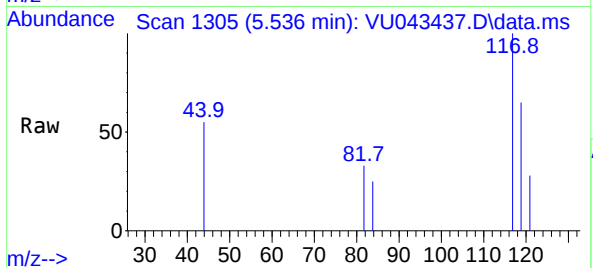




#31
Carbon tetrachloride
Concen: 0.08 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.003 min
Lab File: VU043437.D
Acq: 29 Apr 2021 20:04

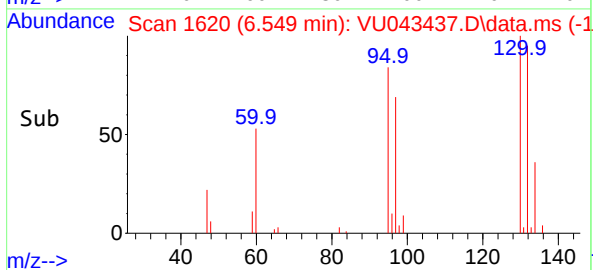
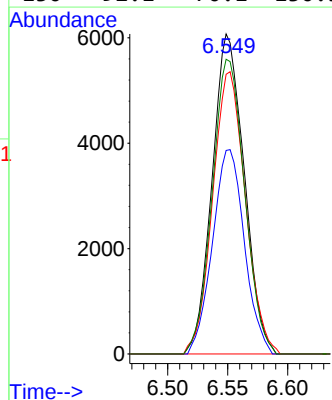
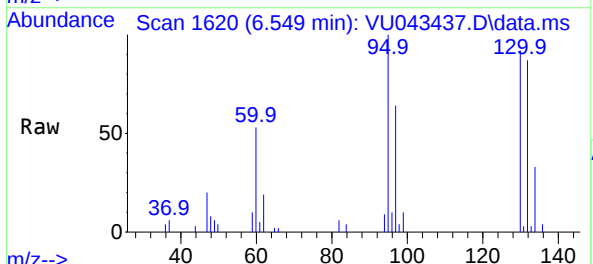
Instrument :
MSVOA_U
ClientSampled :
YARG6

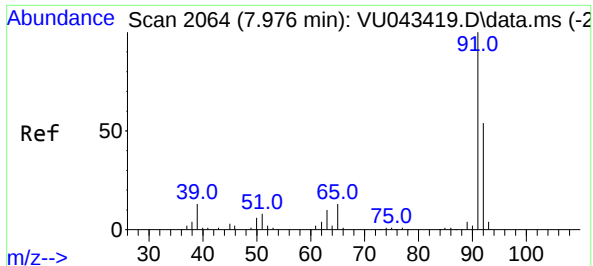
Tgt Ion:117 Resp: 728
Ion Ratio Lower Upper
117 100
119 108.7 76.2 114.4



#34
Trichloroethene
Concen: 1.83 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043437.D
Acq: 29 Apr 2021 20:04

Tgt Ion: 95 Resp: 11266
Ion Ratio Lower Upper
95 100
97 63.6 45.8 85.2
132 87.4 68.7 127.7
130 92.1 70.1 130.3

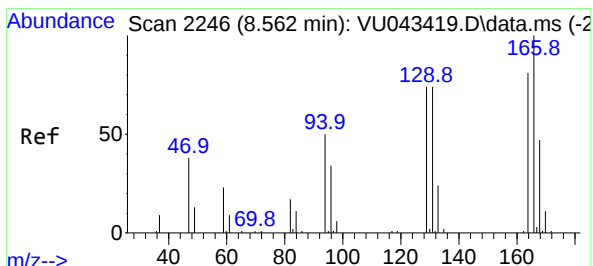
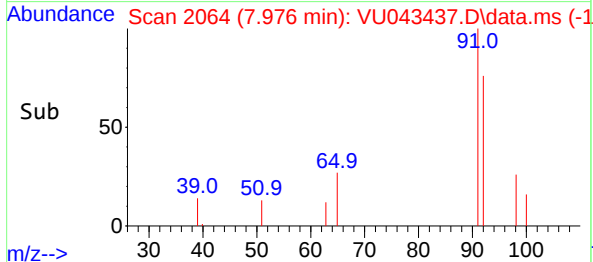
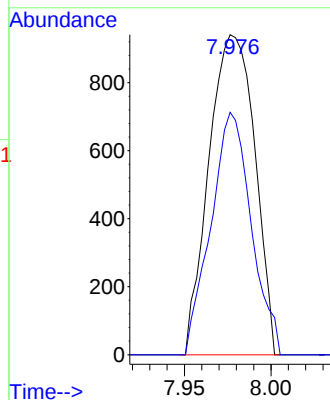
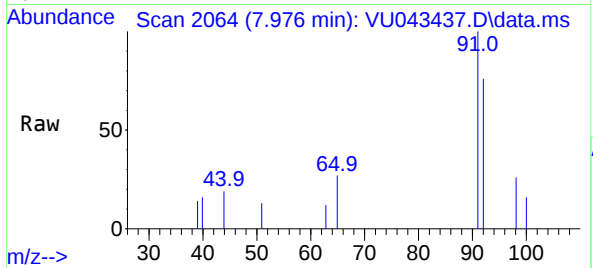




#42
Toluene
Concen: 0.07 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043437.D
Acq: 29 Apr 2021 20:04

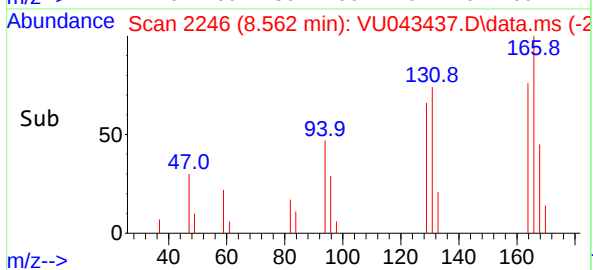
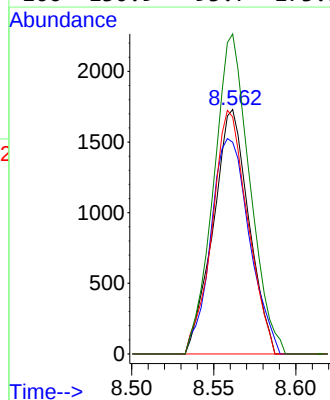
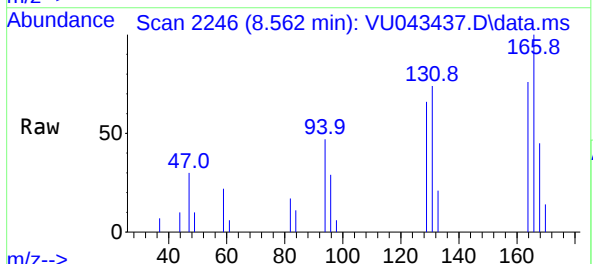
Instrument :
MSVOA_U
ClientSampled :
YARG6

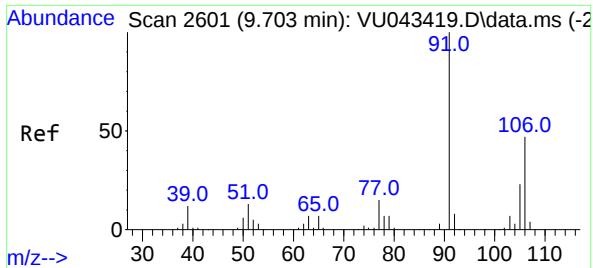
Tgt Ion: 91 Resp: 1734
Ion Ratio Lower Upper
91 100
92 75.8 40.9 76.0



#47
Tetrachloroethene
Concen: 0.54 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043437.D
Acq: 29 Apr 2021 20:04

Tgt Ion: 164 Resp: 2607
Ion Ratio Lower Upper
164 100
129 86.6 66.6 123.8
131 96.9 65.9 122.3
166 130.9 93.7 173.9





#53
m,p-Xylene
Concen: 0.09 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.007 min
Lab File: VU043437.D
Acq: 29 Apr 2021 20:04

Instrument :
MSVOA_U
ClientSampled :
YARG6

Tgt Ion:106 Resp: 897
Ion Ratio Lower Upper
106 100
91 244.4 137.6 255.6

