

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
 Data File : VU043517.D
 Acq On : 04 May 2021 13:48
 Operator : SY/MD
 Sample : M2195-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3H9

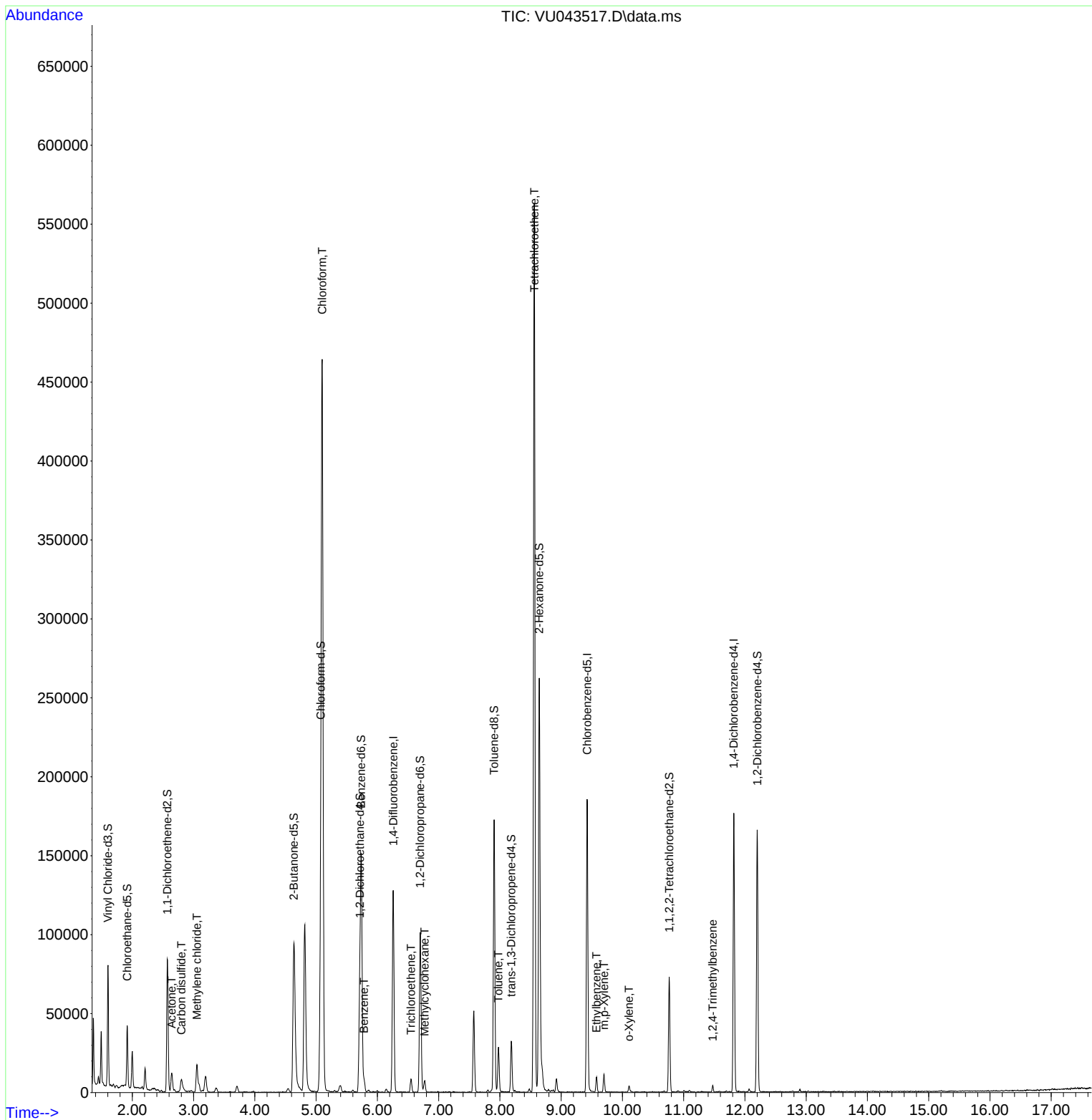
Quant Time: May 05 04:56:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 05 04:50:58 2021
 Response via : Initial Calibration

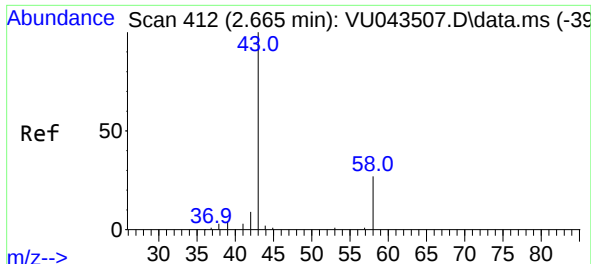
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	91411	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	92973	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	42136	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	33706	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.916	69	26057	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.571	65	16203	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.80%
20) 2-Butanone-d5	4.636	46	122359	53.62	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.24%
24) Chloroform-d	5.076	84	82816	5.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.80%
26) 1,2-Dichloroethane-d4	5.713	65	43201	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.735	84	124228	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.700	67	43051	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.906	98	104108	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloroprop...	8.185	79	16110	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.642	63	78822	52.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.64%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	34633	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	39627	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%
Target Compounds						Qvalue
13) Acetone	2.642	43	15626	10.27	ug/L	100
14) Carbon disulfide	2.800	76	4324	0.34	ug/L	96
16) Methylene chloride	3.054	84	7012	0.86	ug/L	90
25) Chloroform	5.099	83	372780	27.63	ug/L	99
33) Benzene	5.780	78	6328	0.26	ug/L	100
34) Trichloroethene	6.549	95	2591	0.41	ug/L	96
35) Methylcyclohexane	6.771	83	2561	0.32	ug/L	87
42) Toluene	7.976	91	18754	0.73	ug/L	99
47) Tetrachloroethene	8.562	164	114291	24.81	ug/L	98
52) Ethylbenzene	9.578	91	6316	0.23	ug/L	95
53) m,p-Xylene	9.700	106	2784	0.28	ug/L	95
54) o-Xylene	10.105	106	991	0.10	ug/L	93
63) 1,2,4-Trimethylbenzene	11.475	105	2129	0.12	ug/L	99

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

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Response via : Initial Calibration

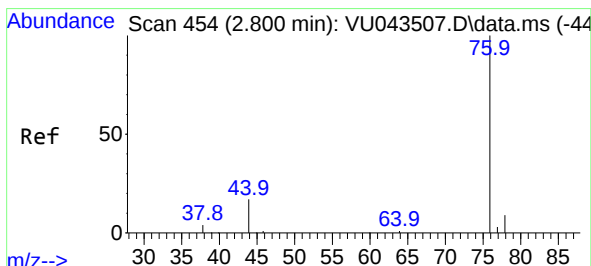
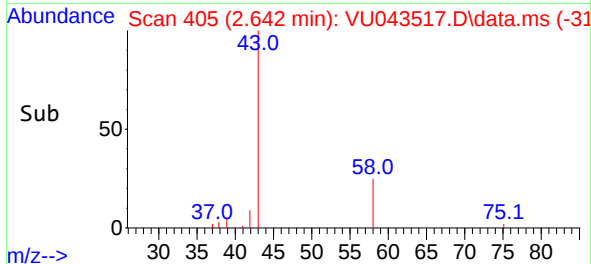
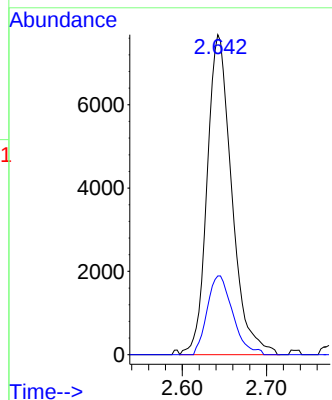
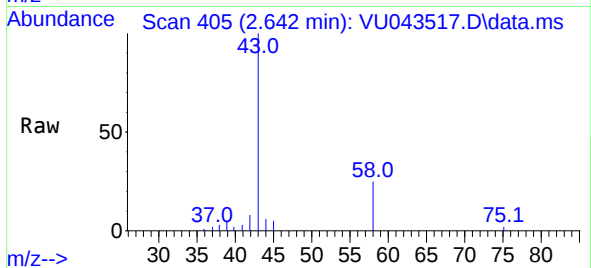




#13
Acetone
Concen: 10.27 ug/L
RT: 2.642 min Scan# 405
Delta R.T. -0.023 min
Lab File: VU043517.D
Acq: 04 May 2021 13:48

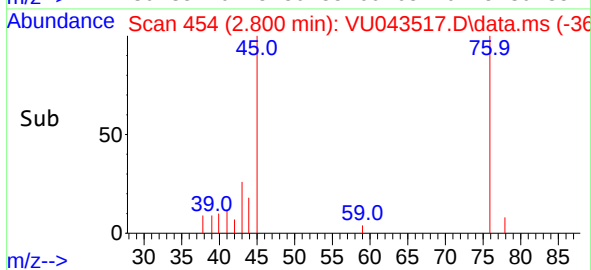
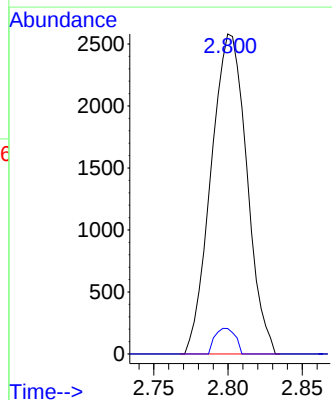
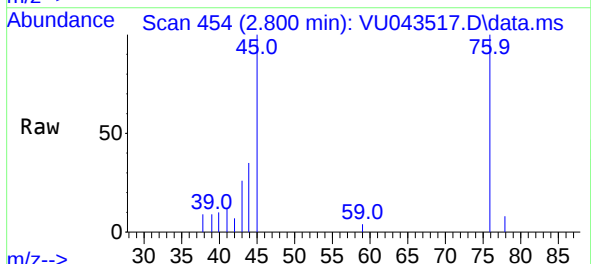
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MSVOA_U
ClientSampleId :
GB3H9

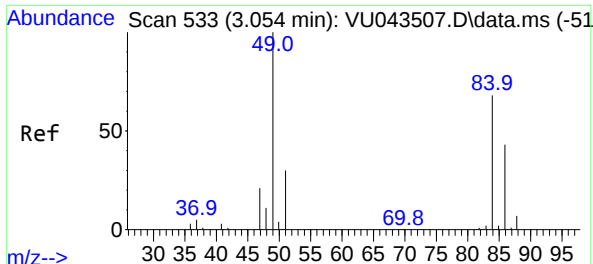
Tgt Ion: 43 Resp: 15626
Ion Ratio Lower Upper
43 100
58 25.5 0.0 50.8



#14
Carbon disulfide
Concen: 0.34 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU043517.D
Acq: 04 May 2021 13:48

Tgt Ion: 76 Resp: 4324
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.2



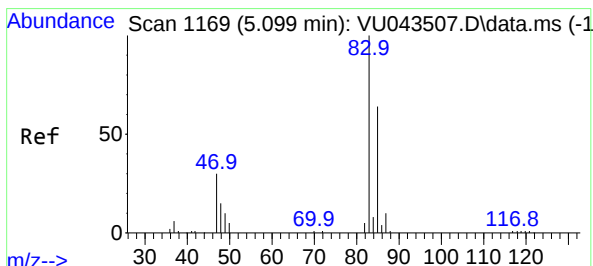
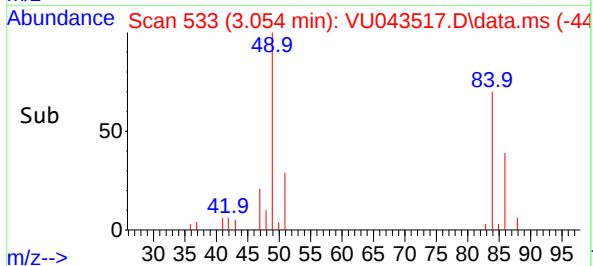
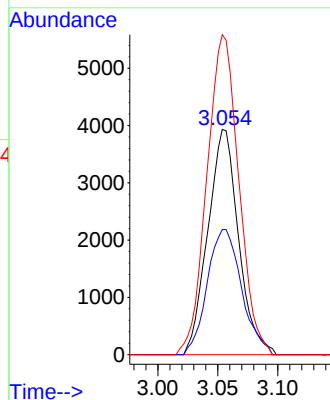
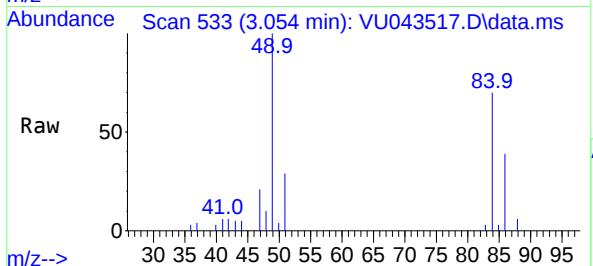


#16
Methylene chloride
Concen: 0.86 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043517.D
Acq: 04 May 2021 13:48

Instrument :
MSVOA_U
ClientSampleId :
GB3H9

Tgt Ion: 84 Resp: 7012

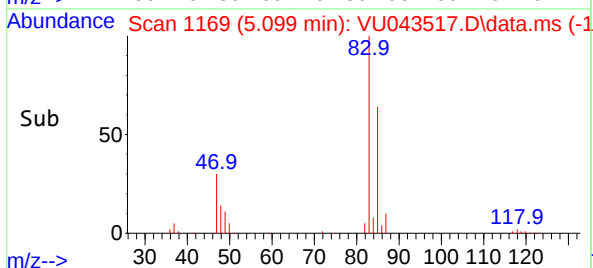
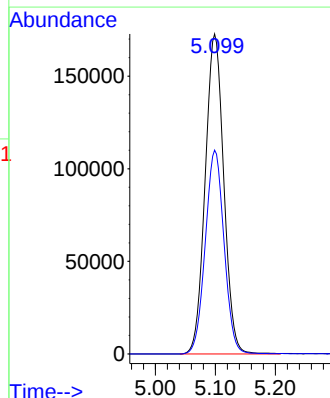
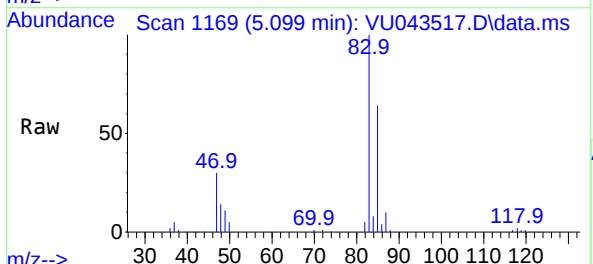
Ion	Ratio	Lower	Upper
84	100		
86	55.6	45.6	84.6
49	142.1	107.0	198.8

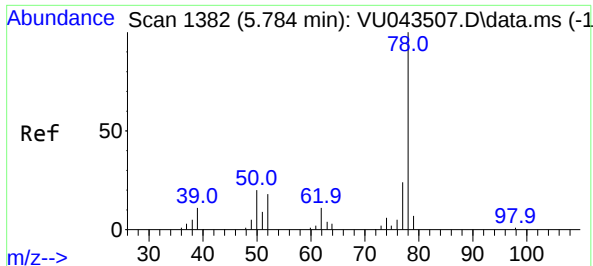


#25
Chloroform
Concen: 27.63 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043517.D
Acq: 04 May 2021 13:48

Tgt Ion: 83 Resp: 372780

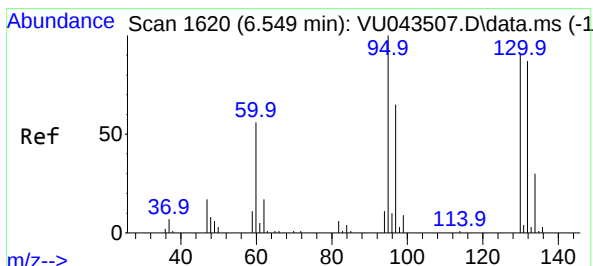
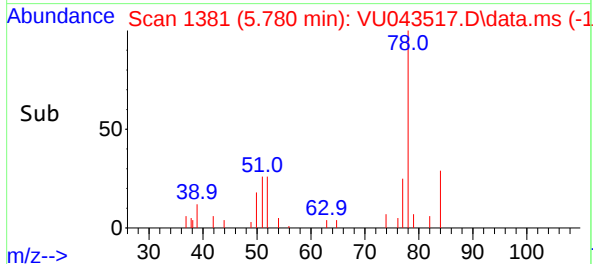
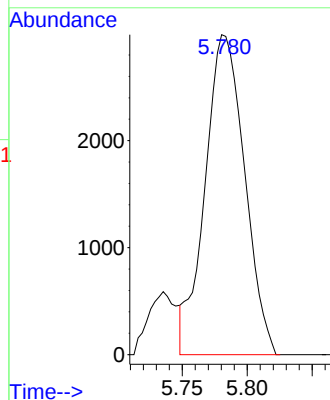
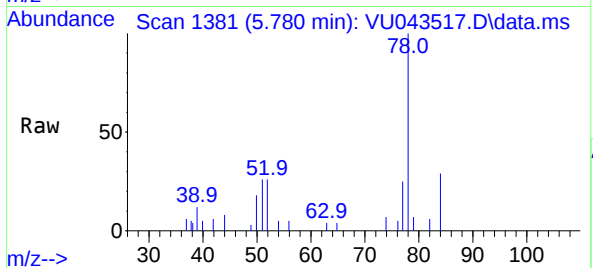
Ion	Ratio	Lower	Upper
83	100		
85	63.7	45.1	83.9



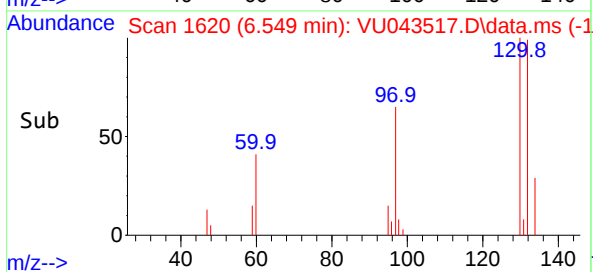
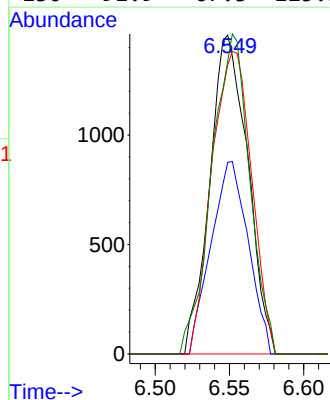
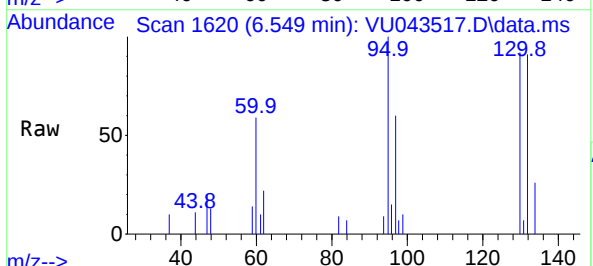


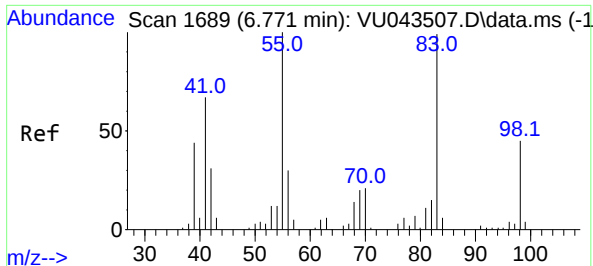
#33
Benzene
Concen: 0.26 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.003 min
Lab File: VU043517.D
Acq: 04 May 2021 13:48
Tgt Ion: 78 Resp: 6328

Instrument :
MSVOA_U
ClientSampleId :
GB3H9



#34
Trichloroethene
Concen: 0.41 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU043517.D
Acq: 04 May 2021 13:48
Tgt Ion: 95 Resp: 2591

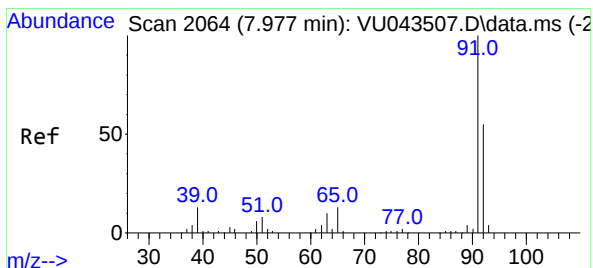
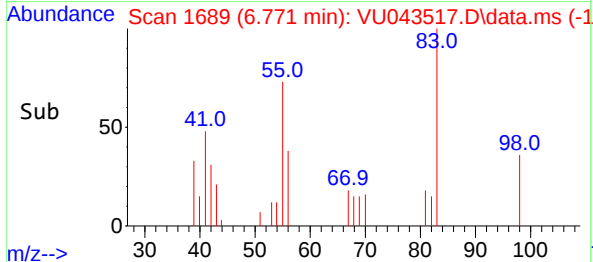
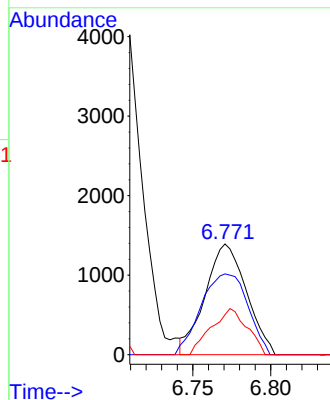
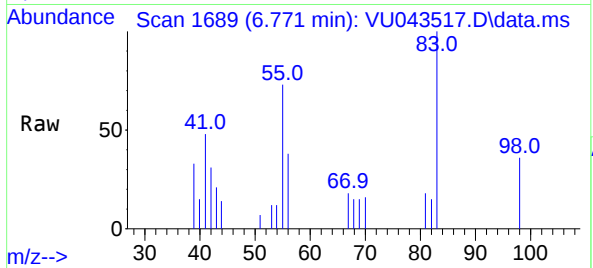




#35
Methylcyclohexane
Concen: 0.32 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU043517.D
Acq: 04 May 2021 13:48

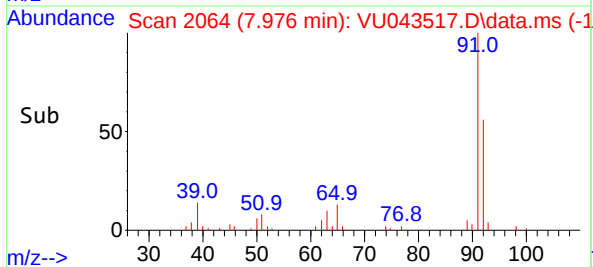
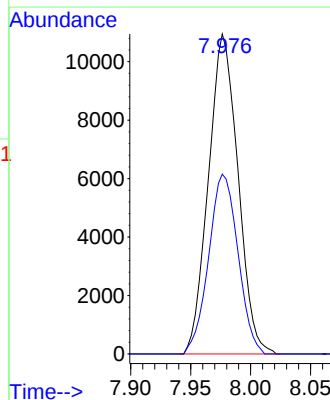
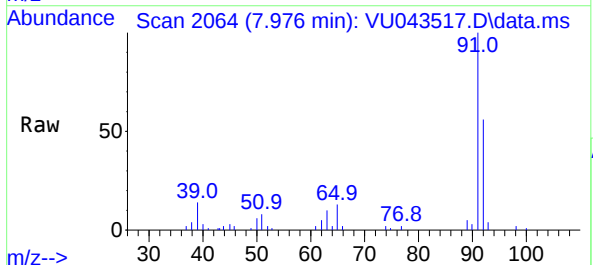
Instrument :
MSVOA_U
ClientSampleId :
GB3H9

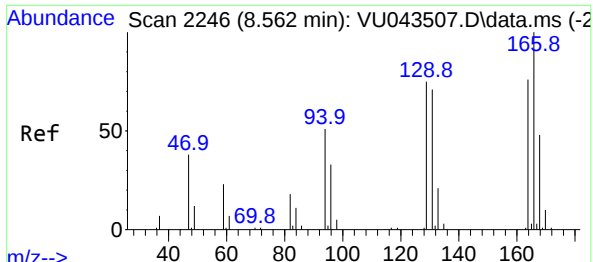
Tgt Ion:	83	Resp:	2561
Ion	Ratio	Lower	Upper
83	100		
55	82.7	75.8	113.8
98	36.1	35.5	53.3



#42
Toluene
Concen: 0.73 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043517.D
Acq: 04 May 2021 13:48

Tgt Ion:	91	Resp:	18754
Ion	Ratio	Lower	Upper
91	100		
92	56.2	39.1	72.5





#47

Tetrachloroethene

Concen: 24.81 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. -0.000 min

Lab File: VU043517.D

Acq: 04 May 2021 13:48

Instrument :

MSVOA_U

ClientSampleId :

GB3H9

Tgt Ion:164 Resp: 114291

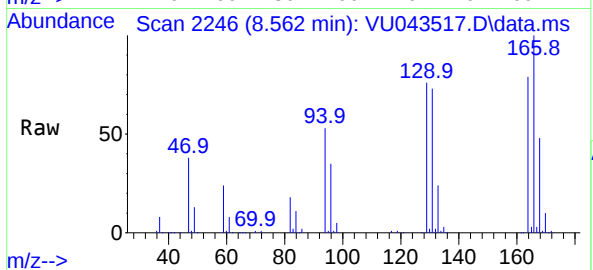
Ion Ratio Lower Upper

164 100

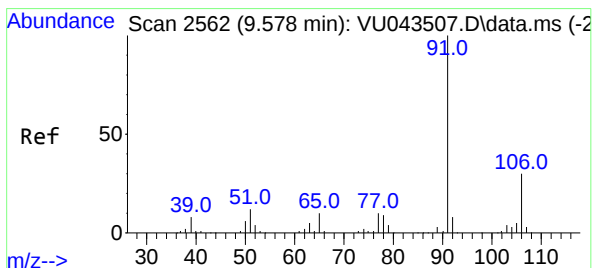
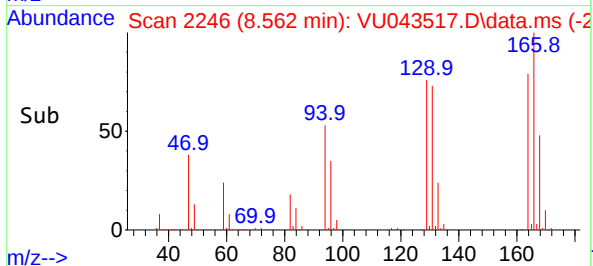
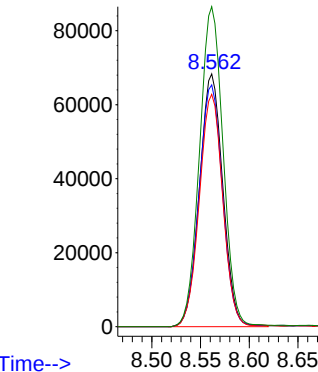
129 95.6 62.5 116.1

131 91.9 64.9 120.5

166 126.6 89.0 165.2



Abundance



#52

Ethylbenzene

Concen: 0.23 ug/L

RT: 9.578 min Scan# 2562

Delta R.T. -0.000 min

Lab File: VU043517.D

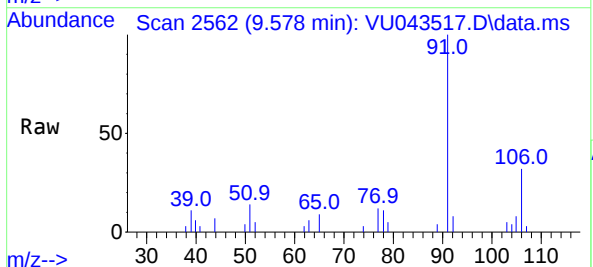
Acq: 04 May 2021 13:48

Tgt Ion: 91 Resp: 6316

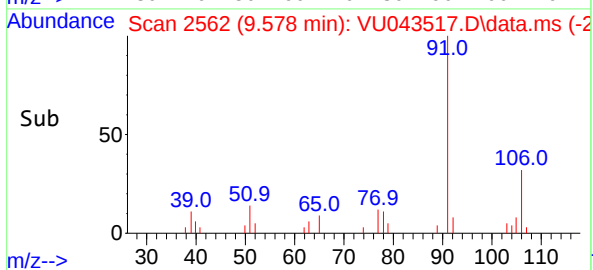
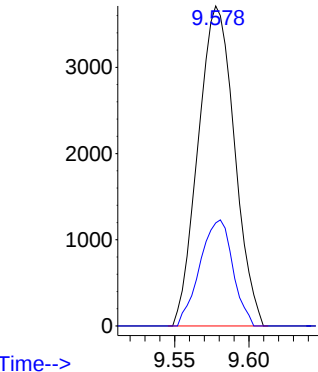
Ion Ratio Lower Upper

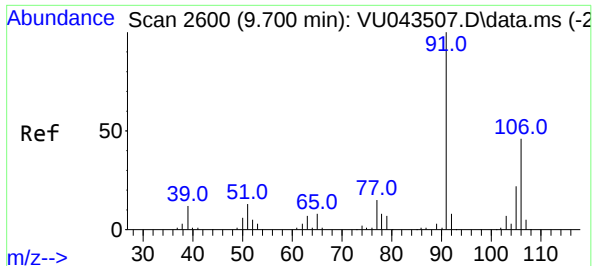
91 100

106 32.2 20.5 38.1



Abundance

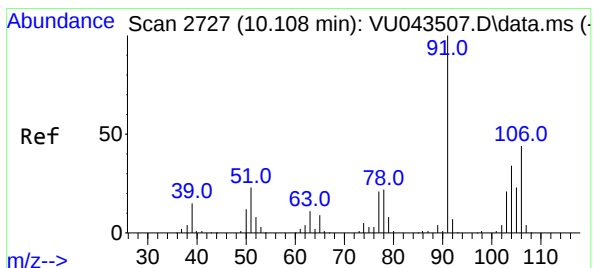
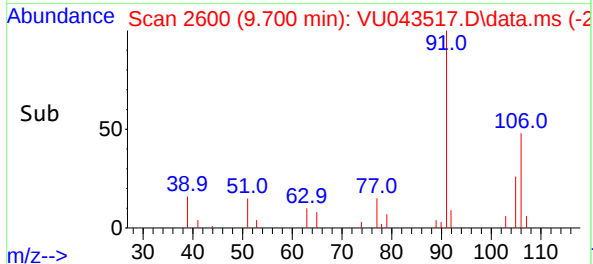
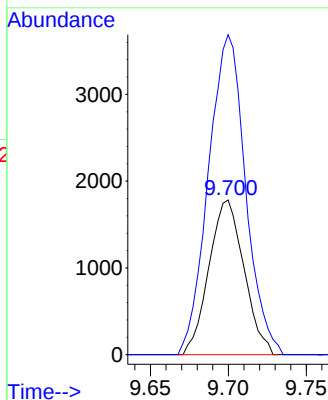
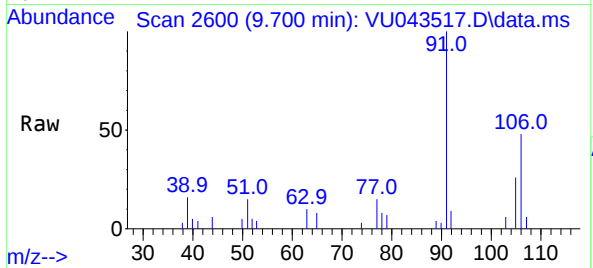




#53
m,p-Xylene
Concen: 0.28 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU043517.D
Acq: 04 May 2021 13:48

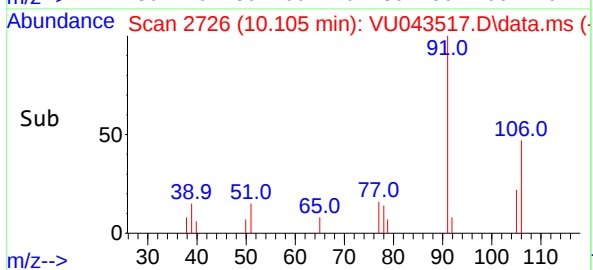
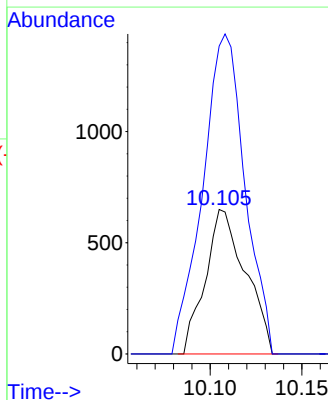
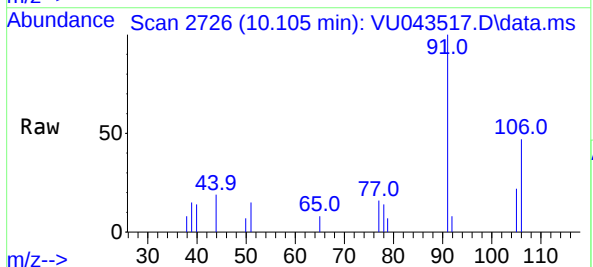
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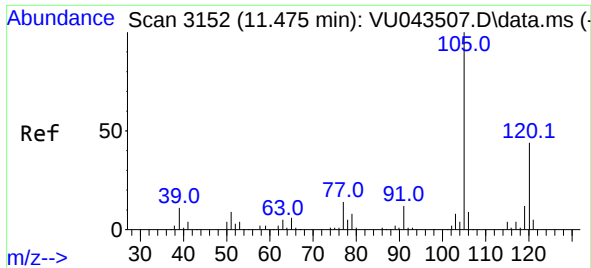
Tgt Ion:106 Resp: 2784
Ion Ratio Lower Upper
106 100
91 206.8 150.3 279.1



#54
o-Xylene
Concen: 0.10 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VU043517.D
Acq: 04 May 2021 13:48

Tgt Ion:106 Resp: 991
Ion Ratio Lower Upper
106 100
91 212.9 157.3 292.1





#63
 1,2,4-Trimethylbenzene
 Concen: 0.12 ug/L
 RT: 11.475 min Scan# 3152
 Delta R.T. -0.000 min
 Lab File: VU043517.D
 Acq: 04 May 2021 13:48

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3H9

Tgt Ion:105 Resp: 2129
 Ion Ratio Lower Upper
 105 100
 120 44.8 35.4 53.0

