

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111621\
 Data File : VU045813.D
 Acq On : 16 Nov 2021 17:38
 Operator : SY/MD
 Sample : M4686-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 17 04:52:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 04:49:52 2021
 Response via : Initial Calibration

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

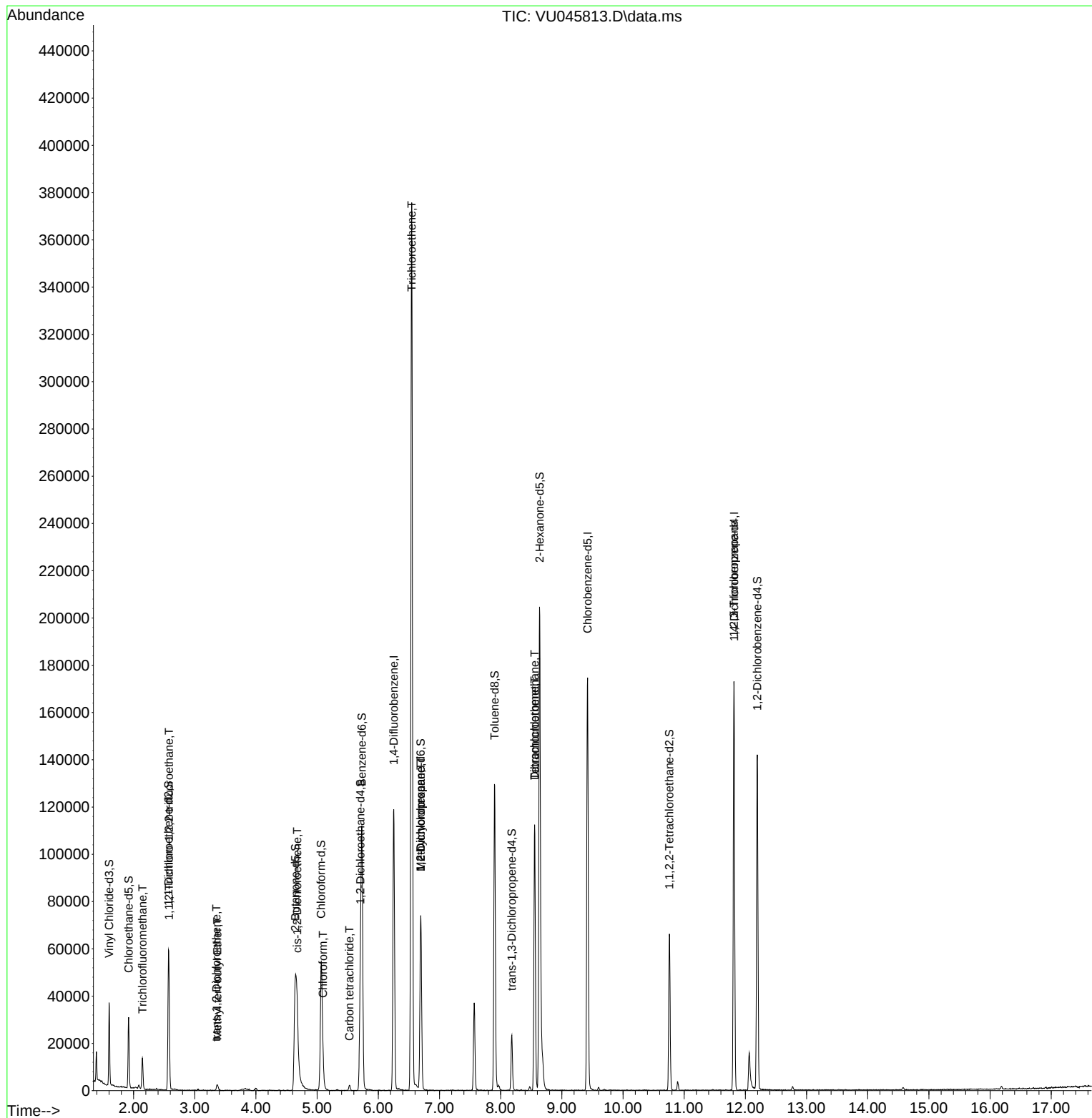
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	94594	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	98777	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	45332	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	24484	3.267	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.400%
7) Chloroethane-d5	1.919	69	21953	4.024	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.572	65	10962	3.487	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	4.645	46	106966	53.258	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.520%
24) Chloroform-d	5.067	84	47988	3.843	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.800%
26) 1,2-Dichloroethane-d4	5.707	65	31957	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	5.732	84	104582	3.845	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.800%
36) 1,2-Dichloropropane-d6	6.694	67	35992	4.198	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.899	98	88368	3.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.800%
43) trans-1,3-Dichloroprop...	8.182	79	13885	3.990	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.636	63	75066	47.922	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.840%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33646	4.645	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	36226	4.654	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	8457	0.800	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	899	0.145	ug/L #	58
17) Methyl tert-butyl Ether	3.369	73	2735	0.179	ug/L #	84
18) trans-1,2-Dichloroethene	3.356	96	65	0.010	ug/L #	41
22) cis-1,2-Dichloroethene	4.674	96	8182	1.202	ug/L	95
25) Chloroform	5.096	83	9426	0.739	ug/L	95
31) Carbon tetrachloride	5.530	117	1575	0.175	ug/L	85
34) Trichloroethene	6.546	95	127191	17.905	ug/L	98
35) Methylcyclohexane	6.694	83	8317	0.762	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	3931	0.542	ug/L #	88
47) Tetrachloroethene	8.555	164	24246	4.876	ug/L	97
49) Dibromochloromethane	8.555	129	24329	3.967	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5763	1.225	ug/L #	65

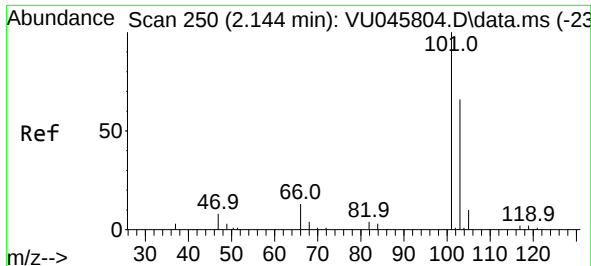
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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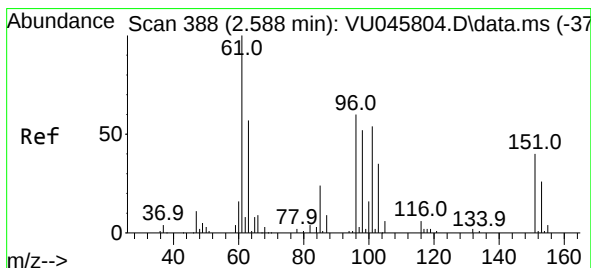
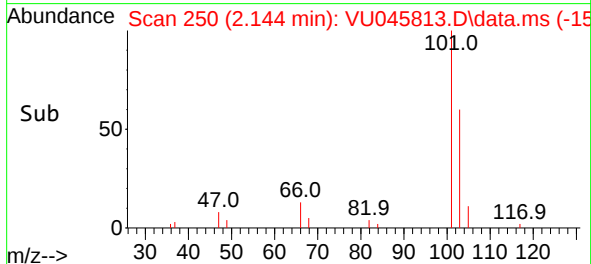
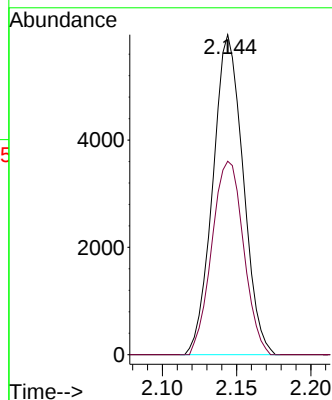
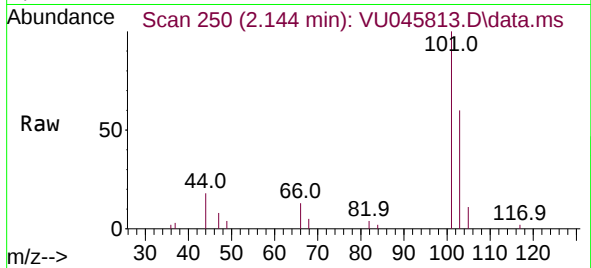




#9
 Trichlorofluoromethane
 Concen: 0.800 ug/L
 RT: 2.144 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU045813.D
 Acq: 16 Nov 2021 17:38

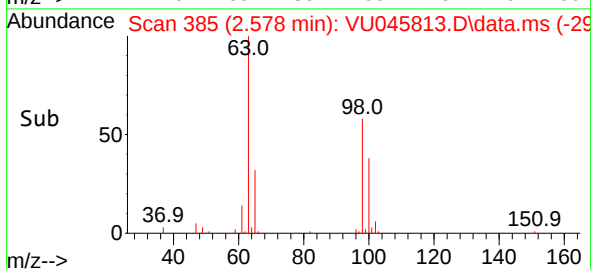
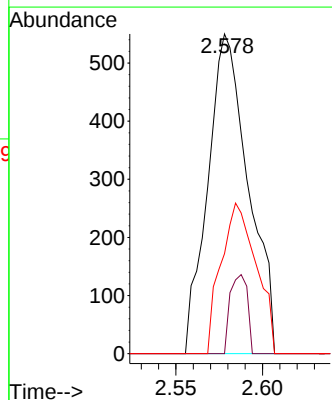
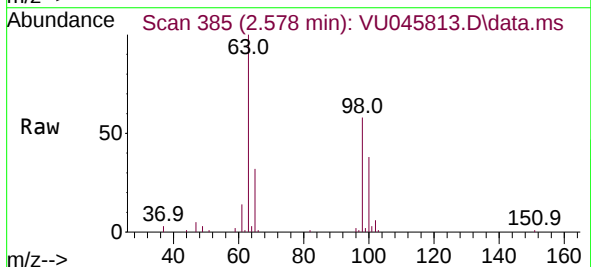
Instrument :
 MSVOA_U
 ClientSampleId :

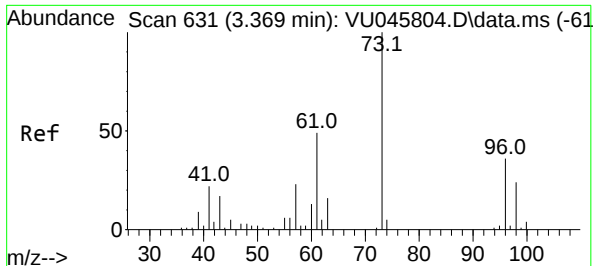
Tgt Ion:101 Resp: 8457
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.5 77.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.145 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU045813.D
 Acq: 16 Nov 2021 17:38

Tgt Ion:101 Resp: 899
 Ion Ratio Lower Upper
 101 100
 85 10.3 34.6 51.8#
 151 40.7 56.1 84.1#





#17

Methyl tert-butyl Ether

Concen: 0.179 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU045813.D

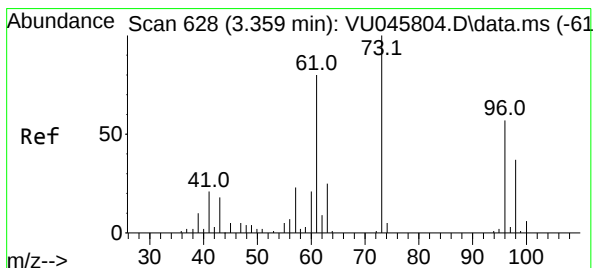
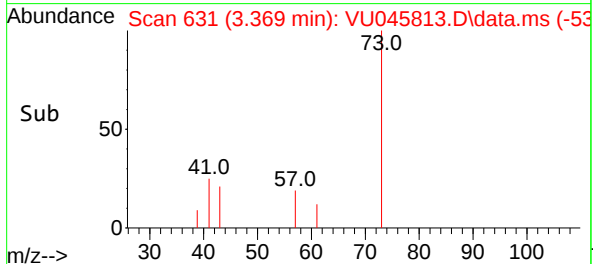
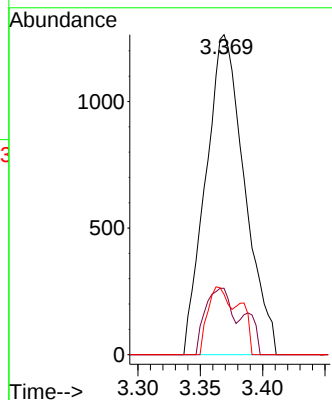
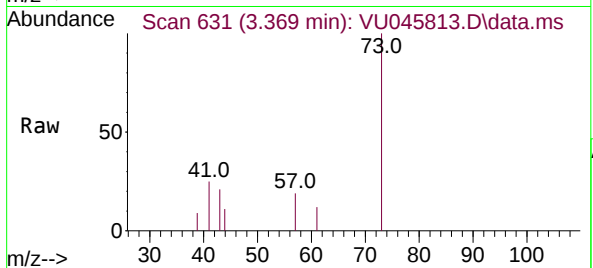
Acq: 16 Nov 2021 17:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 73	Resp: 2735
Ion Ratio	Lower Upper
73 100	
43 14.1	14.8 22.2#
57 11.8	17.4 26.0#



#18

trans-1,2-Dichloroethene

Concen: 0.010 ug/L

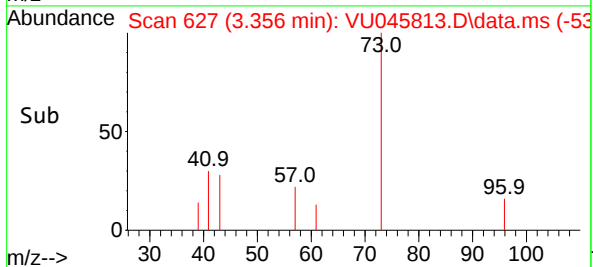
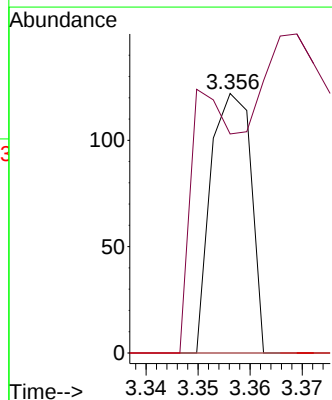
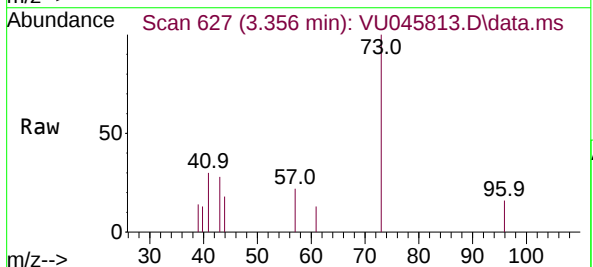
RT: 3.356 min Scan# 627

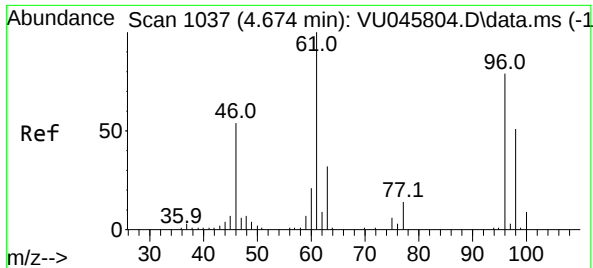
Delta R.T. -0.003 min

Lab File: VU045813.D

Acq: 16 Nov 2021 17:38

Tgt Ion: 96	Resp: 65
Ion Ratio	Lower Upper
96 100	
61 84.4	100.8 187.2#
98 0.0	45.1 83.7#





#22

cis-1,2-Dichloroethene

Concen: 1.202 ug/L

RT: 4.674 min Scan# 110

Delta R.T. 0.000 min

Lab File: VU045813.D

Acq: 16 Nov 2021 17:38

Instrument :

MSVOA_U

ClientSampleId :

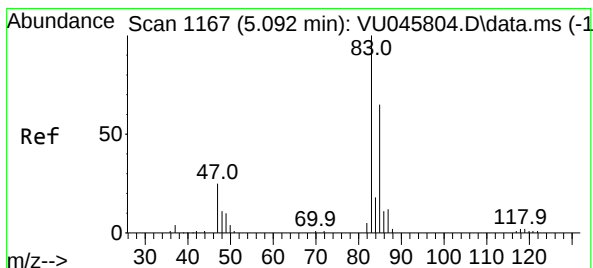
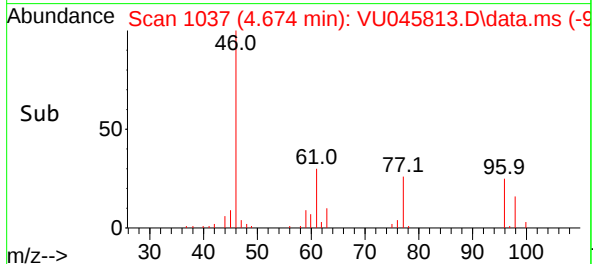
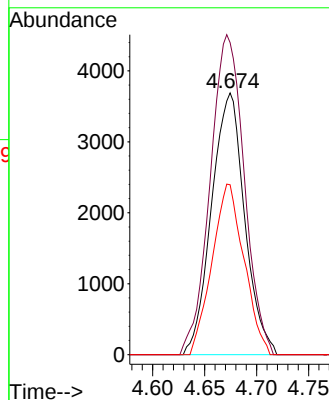
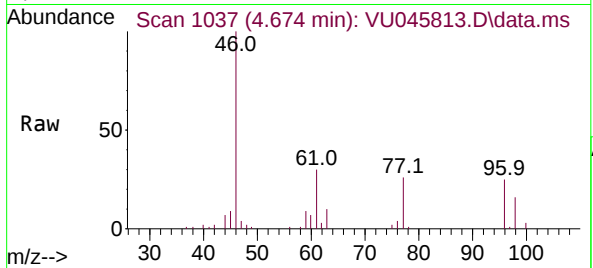
Tgt Ion: 96 Resp: 8182

Ion Ratio Lower Upper

96 100

61 119.2 88.5 164.3

98 64.9 44.4 82.5



#25

Chloroform

Concen: 0.739 ug/L

RT: 5.096 min Scan# 1168

Delta R.T. 0.003 min

Lab File: VU045813.D

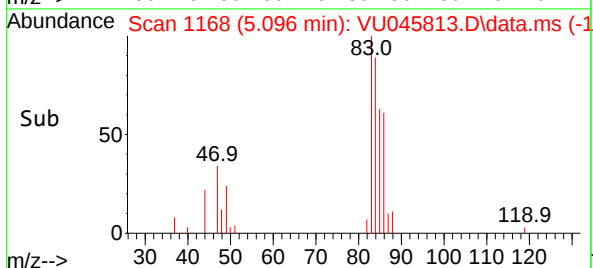
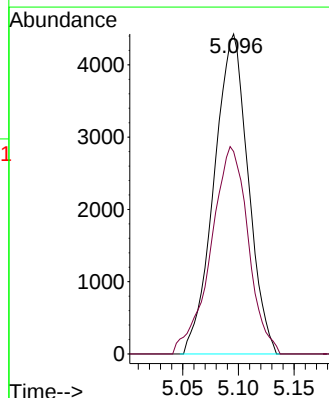
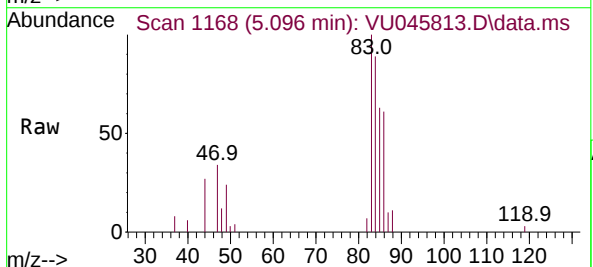
Acq: 16 Nov 2021 17:38

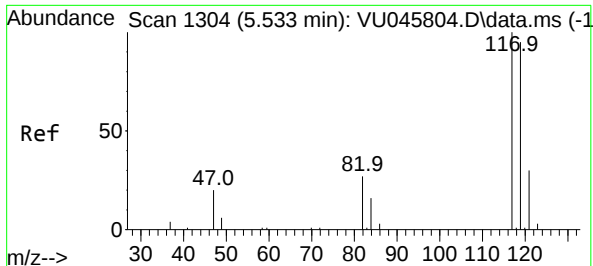
Tgt Ion: 83 Resp: 9426

Ion Ratio Lower Upper

83 100

85 63.3 46.9 87.1

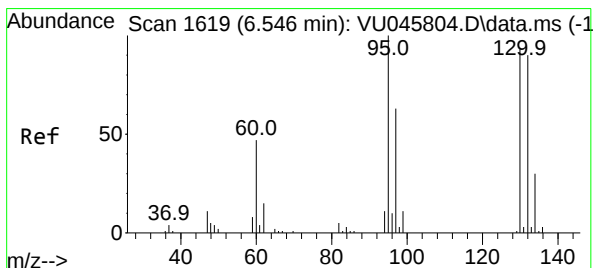
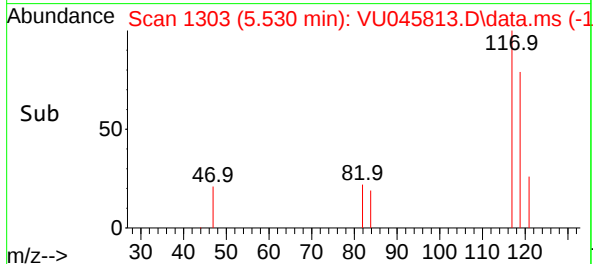
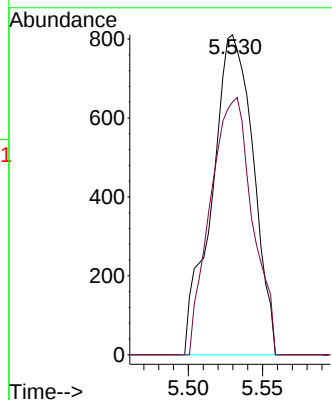
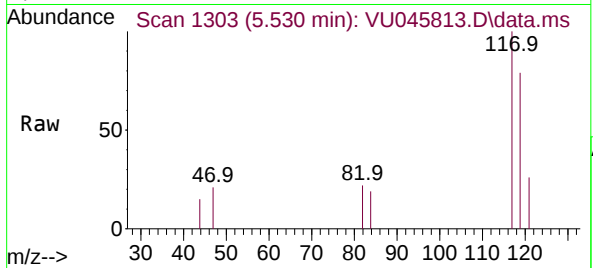




#31
Carbon tetrachloride
Concen: 0.175 ug/L
RT: 5.530 min Scan# 1117
Delta R.T. -0.003 min
Lab File: VU045813.D
Acq: 16 Nov 2021 17:38

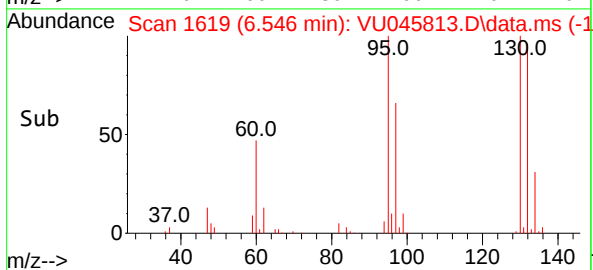
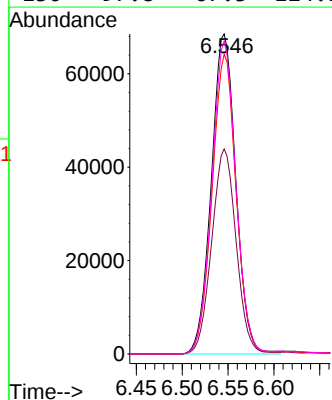
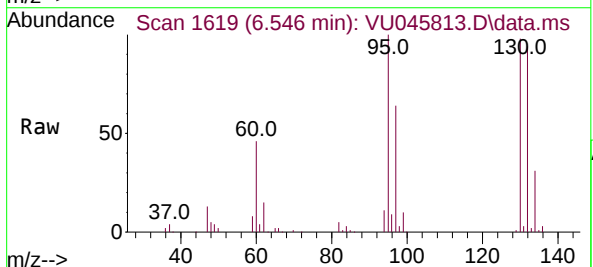
Instrument :
MSVOA_U
ClientSampleId :

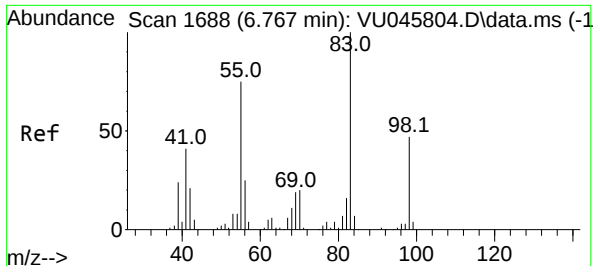
Tgt Ion:117 Resp: 1575
Ion Ratio Lower Upper
117 100
119 81.7 77.5 116.3



#34
Trichloroethene
Concen: 17.905 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045813.D
Acq: 16 Nov 2021 17:38

Tgt Ion: 95 Resp: 127191
Ion Ratio Lower Upper
95 100
97 64.1 46.5 86.5
132 93.6 65.1 120.9
130 97.8 67.3 124.9

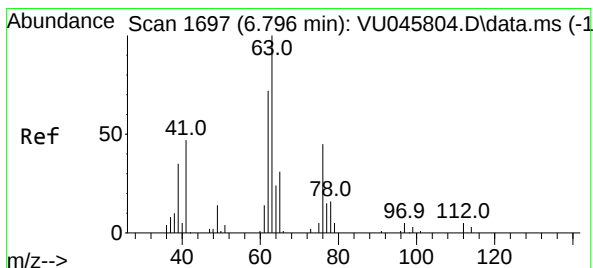
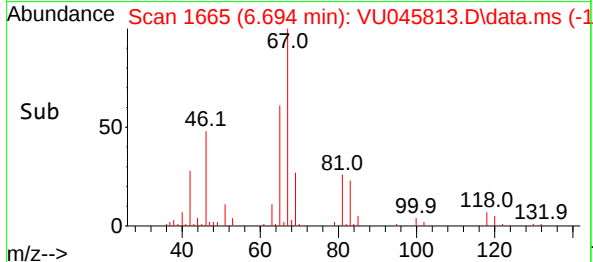
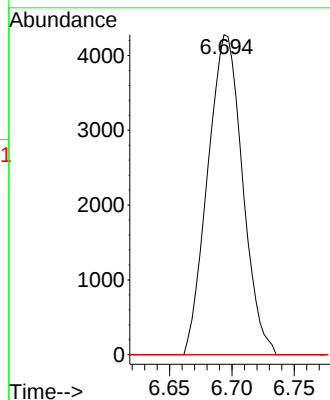
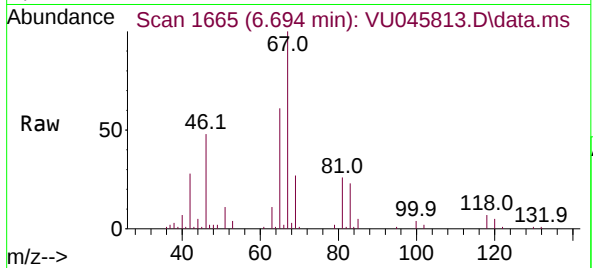




#35
Methylcyclohexane
Concen: 0.762 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045813.D
Acq: 16 Nov 2021 17:38

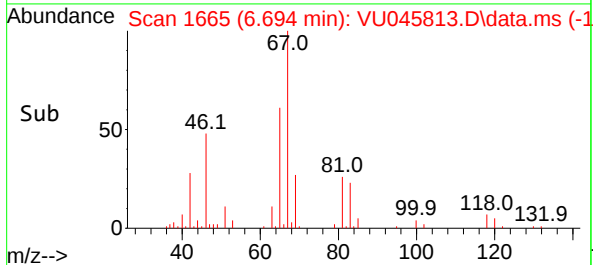
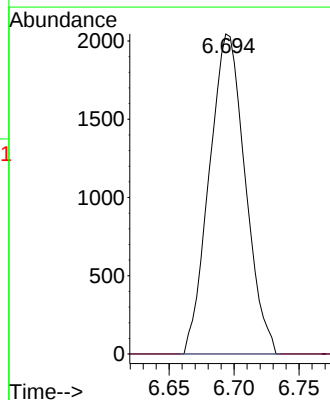
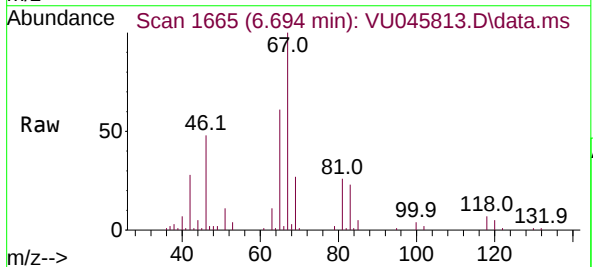
Instrument :
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ClientSampleId :

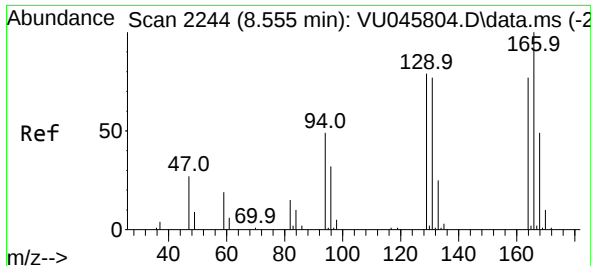
Tgt Ion: 83 Resp: 8317
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.0 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.542 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045813.D
Acq: 16 Nov 2021 17:38

Tgt Ion: 63 Resp: 3931
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#47

Tetrachloroethene

Concen: 4.876 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU045813.D

Acq: 16 Nov 2021 17:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 24246

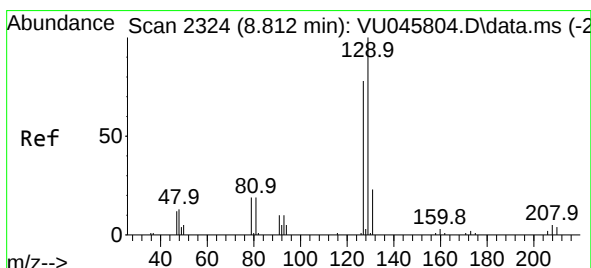
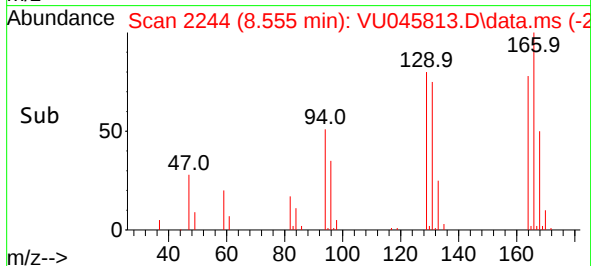
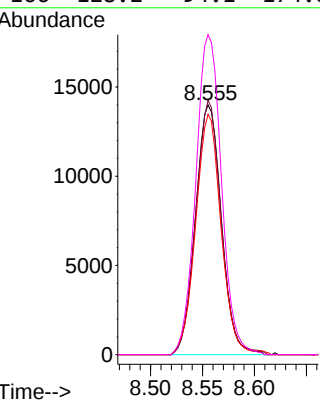
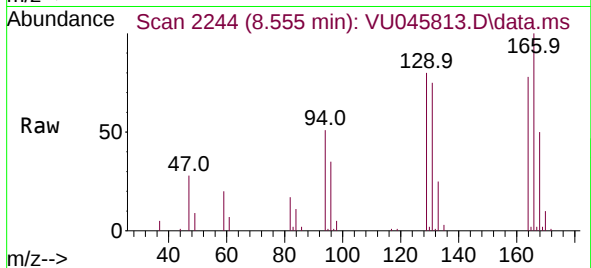
Ion Ratio Lower Upper

164 100

129 101.9 71.8 133.4

131 96.2 68.5 127.3

166 128.2 94.1 174.8



#49

Dibromochloromethane

Concen: 3.967 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU045813.D

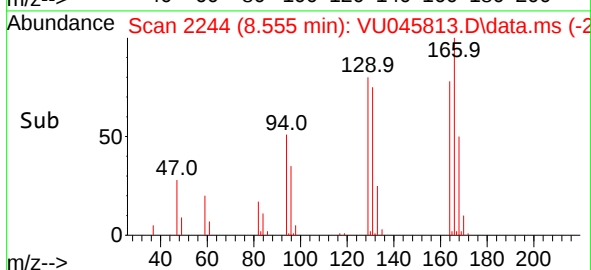
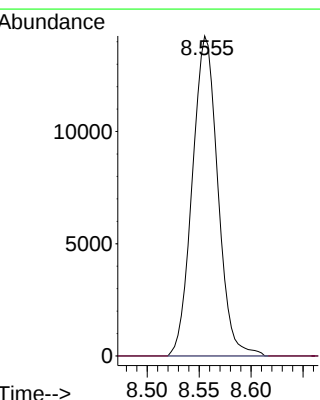
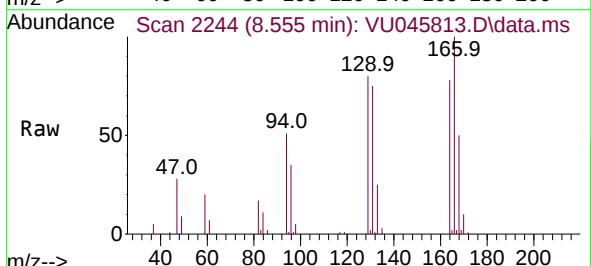
Acq: 16 Nov 2021 17:38

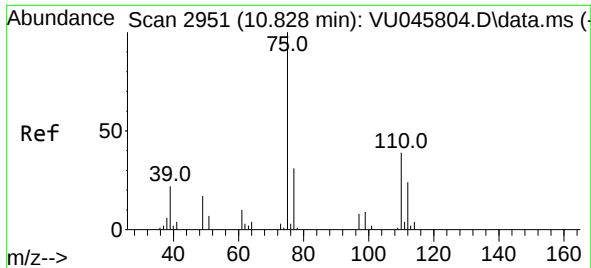
Tgt Ion:129 Resp: 24329

Ion Ratio Lower Upper

129 100

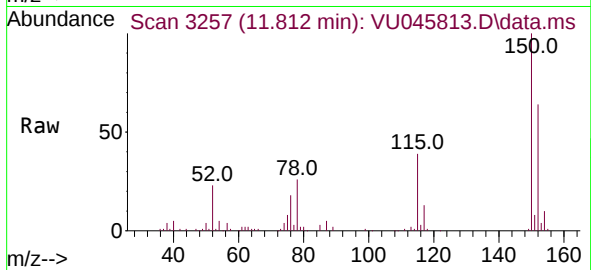
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.225 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.984 min
 Lab File: VU045813.D
 Acq: 16 Nov 2021 17:38

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5763
 Ion Ratio Lower Upper
 75 100
 110 0.7 29.9 44.9#
 77 33.9 25.5 38.3

