

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111721\
 Data File : VU045837.D
 Acq On : 17 Nov 2021 14:01
 Operator : SY/MD
 Sample : M4686-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 18 02:20:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 02:11:55 2021
 Response via : Initial Calibration

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

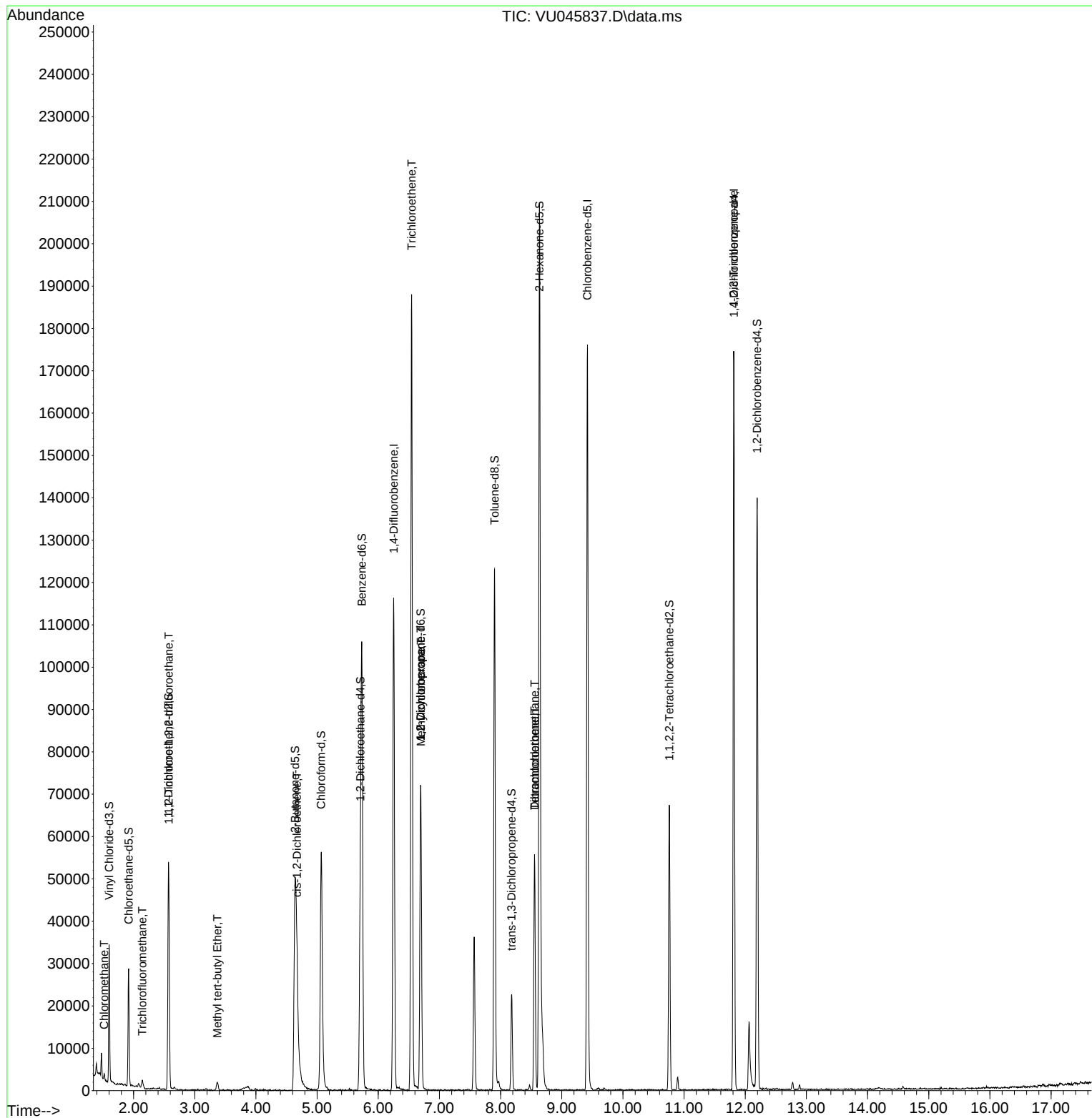
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	92894	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	98463	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	44785	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	22112	3.004	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.000%
7) Chloroethane-d5	1.919	69	20119	3.755	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.200%
11) 1,1-Dichloroethene-d2	2.572	65	10259	3.323	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.400%
20) 2-Butanone-d5	4.642	46	109468	55.502	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.000%
24) Chloroform-d	5.067	84	50537	4.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
26) 1,2-Dichloroethane-d4	5.706	65	31268	4.346	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
32) Benzene-d6	5.732	84	98229	3.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.400%
36) 1,2-Dichloropropane-d6	6.694	67	35027	4.099	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.000%
41) Toluene-d8	7.902	98	82417	3.360	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.200%#
43) trans-1,3-Dichloroprop...	8.179	79	13219	3.810	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.636	63	75358	48.262	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.520%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33453	4.634	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	35826	4.659	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1097	0.137	ug/L	90
9) Trichlorofluoromethane	2.144	101	1157	0.111	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	281	0.046	ug/L #	21
17) Methyl tert-butyl Ether	3.369	73	2160	0.144	ug/L #	91
22) cis-1,2-Dichloroethene	4.671	96	4884	0.731	ug/L	91
34) Trichloroethene	6.546	95	63688	8.994	ug/L	98
35) Methylcyclohexane	6.697	83	7995	0.735	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	3932	0.544	ug/L #	88
47) Tetrachloroethene	8.555	164	12039	2.429	ug/L	95
49) Dibromochloromethane	8.555	129	11805	1.931	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5696	1.225	ug/L #	66

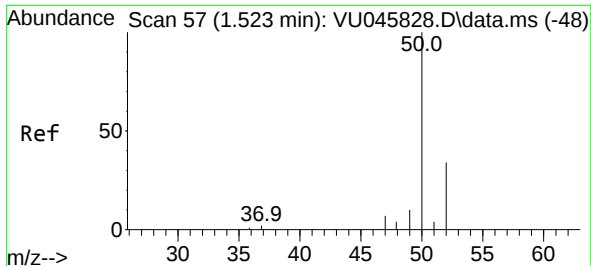
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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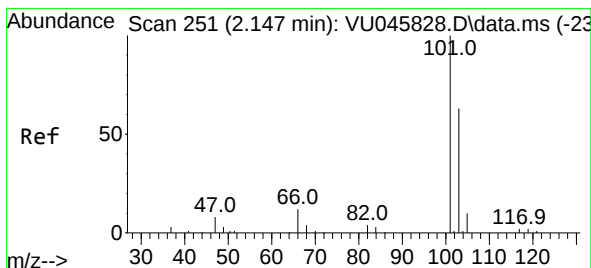
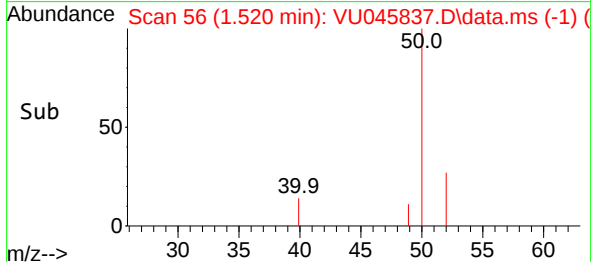
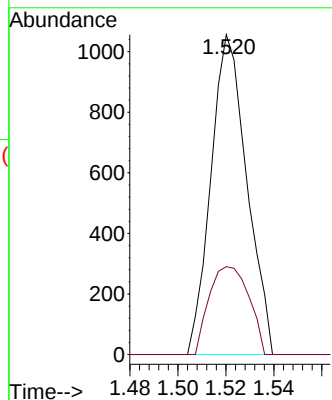
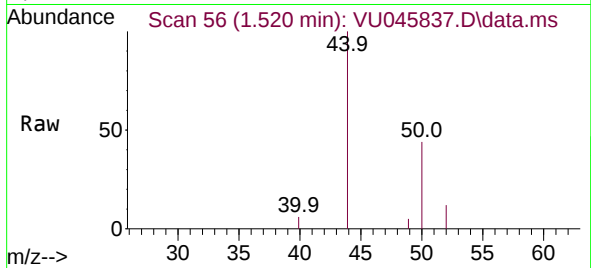




#3
Chloromethane
Concen: 0.137 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU045837.D
Acq: 17 Nov 2021 14:01

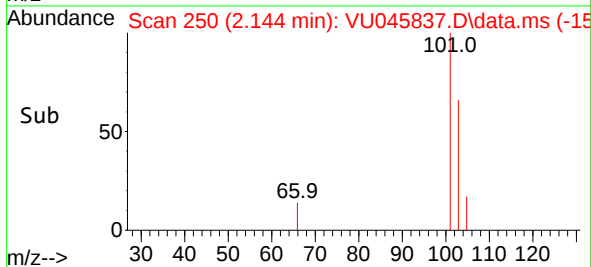
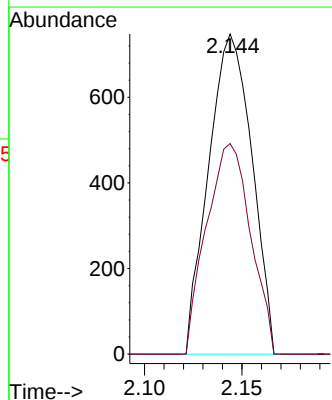
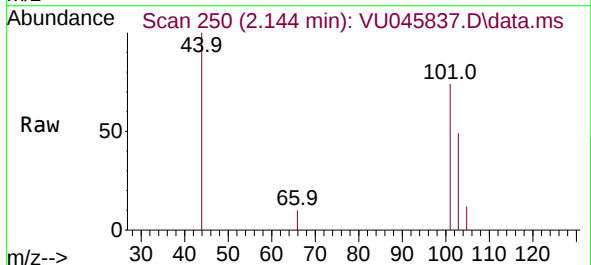
Instrument :
MSVOA_U
ClientSampleId :

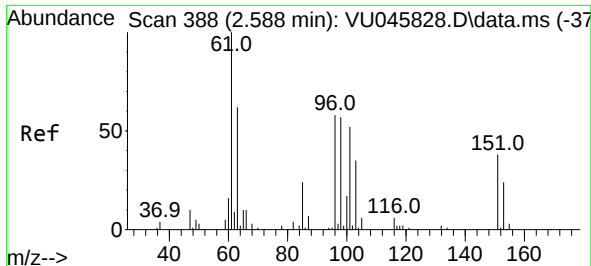
Tgt Ion: 50 Resp: 1097
Ion Ratio Lower Upper
50 100
52 27.5 23.0 42.8



#9
Trichlorofluoromethane
Concen: 0.111 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.003 min
Lab File: VU045837.D
Acq: 17 Nov 2021 14:01

Tgt Ion:101 Resp: 1157
Ion Ratio Lower Upper
101 100
103 67.1 51.5 77.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.046 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.013 min

Lab File: VU045837.D

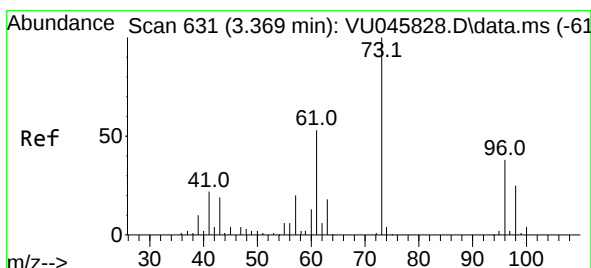
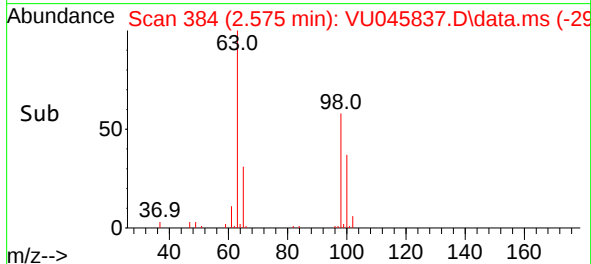
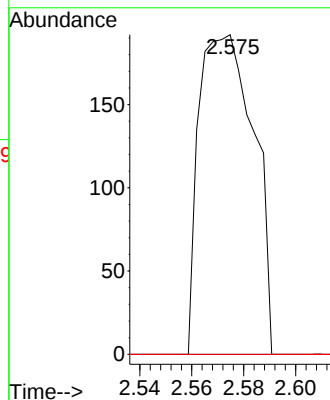
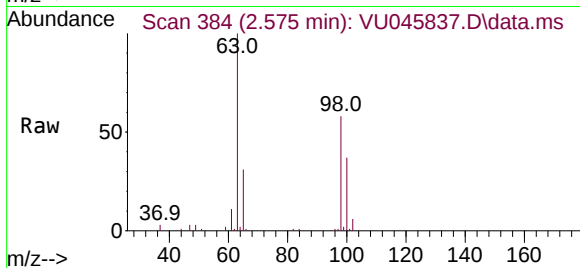
Acq: 17 Nov 2021 14:01

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	281
Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.6	51.8#
151	0.0	56.1	84.1#



#17

Methyl tert-butyl Ether

Concen: 0.144 ug/L

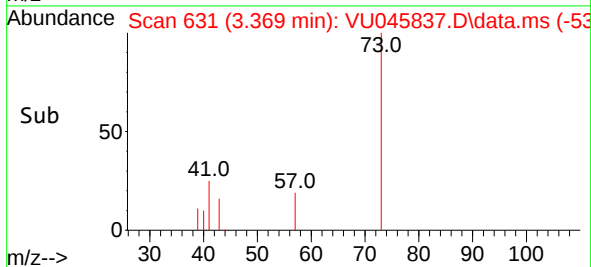
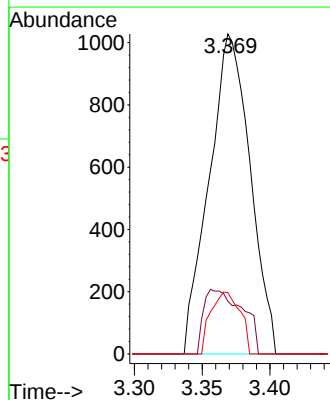
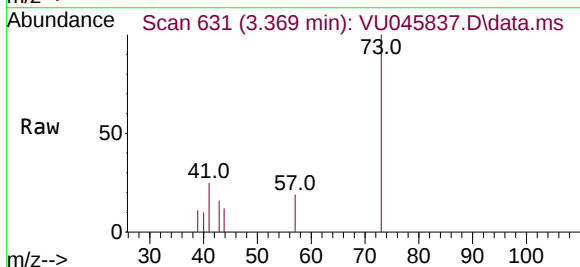
RT: 3.369 min Scan# 631

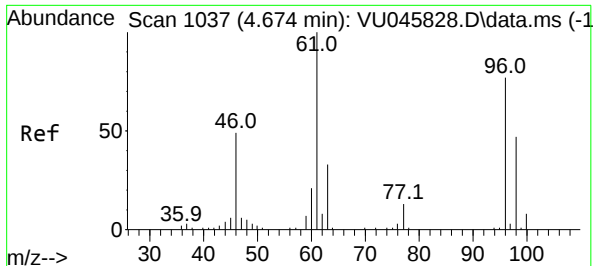
Delta R.T. 0.000 min

Lab File: VU045837.D

Acq: 17 Nov 2021 14:01

Tgt Ion:	73	Resp:	2160
Ion	Ratio	Lower	Upper
73	100		
43	19.0	14.8	22.2
57	13.8	17.4	26.0#

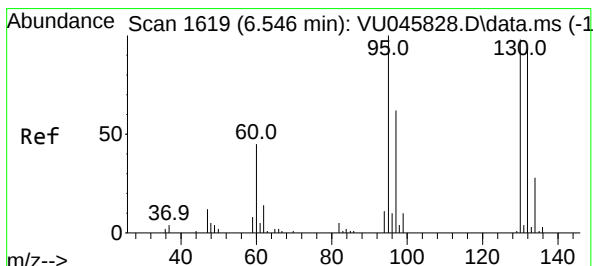
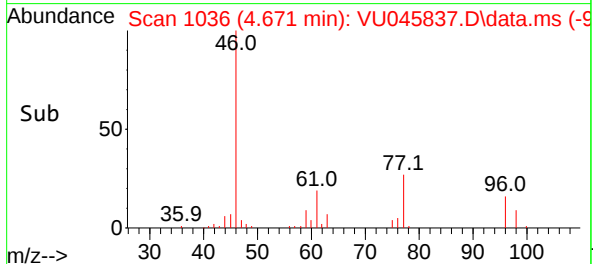
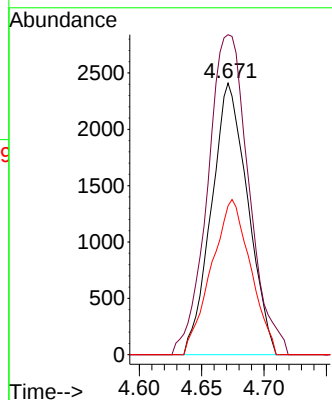
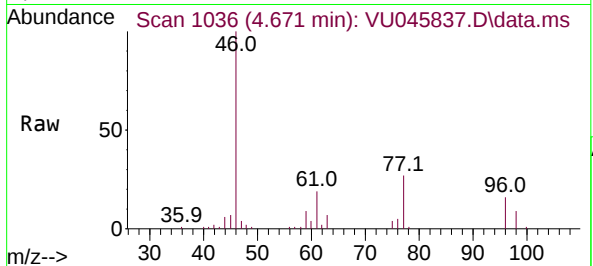




#22
 cis-1,2-Dichloroethene
 Concen: 0.731 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VU045837.D
 Acq: 17 Nov 2021 14:01

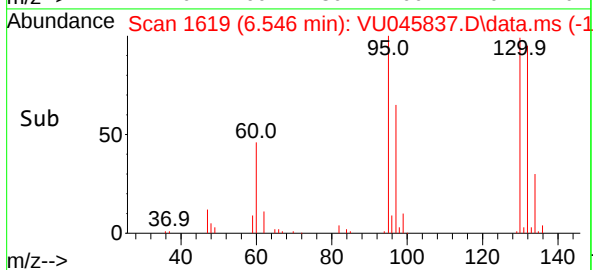
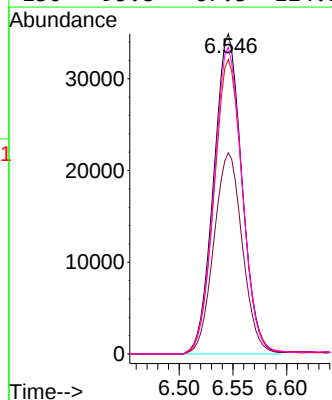
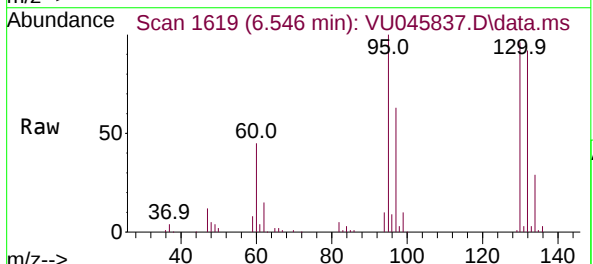
Instrument :
 MSVOA_U
 ClientSampleId :

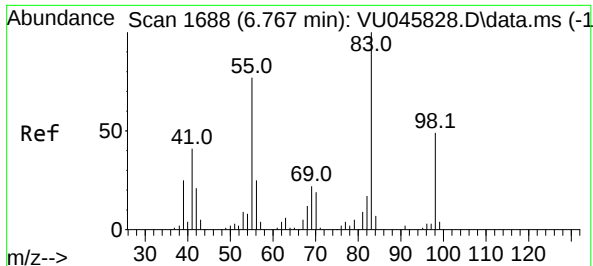
Tgt Ion: 96 Resp: 4884
 Ion Ratio Lower Upper
 96 100
 61 117.8 88.5 164.3
 98 54.8 44.4 82.5



#34
 Trichloroethene
 Concen: 8.994 ug/L
 RT: 6.546 min Scan# 1619
 Delta R.T. 0.000 min
 Lab File: VU045837.D
 Acq: 17 Nov 2021 14:01

Tgt Ion: 95 Resp: 63688
 Ion Ratio Lower Upper
 95 100
 97 62.8 46.5 86.5
 132 92.1 65.1 120.9
 130 95.8 67.3 124.9

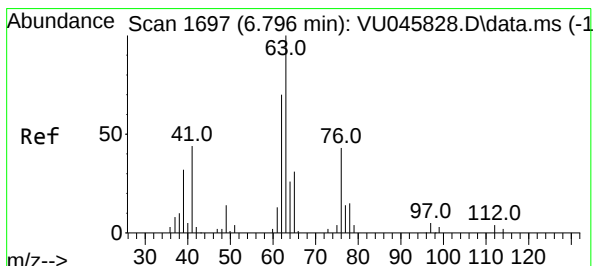
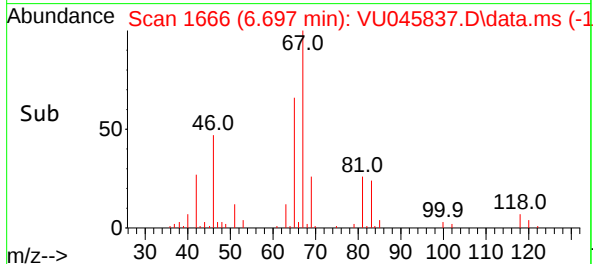
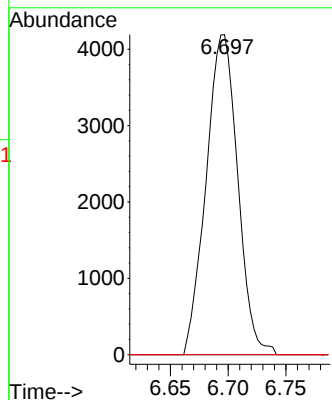
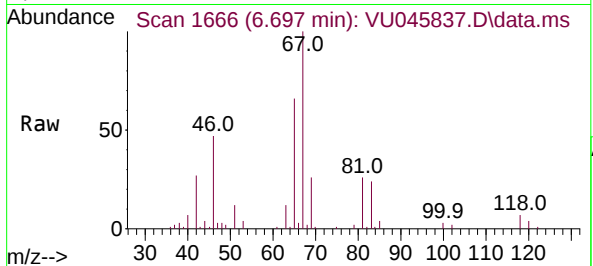




#35
Methylcyclohexane
Concen: 0.735 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.071 min
Lab File: VU045837.D
Acq: 17 Nov 2021 14:01

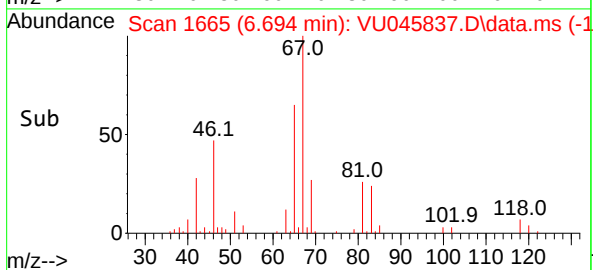
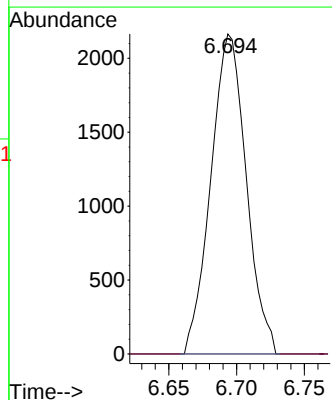
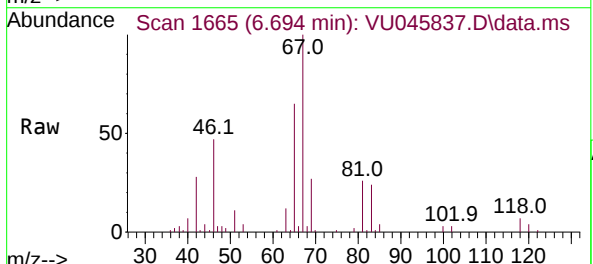
Instrument :
MSVOA_U
ClientSampleId :

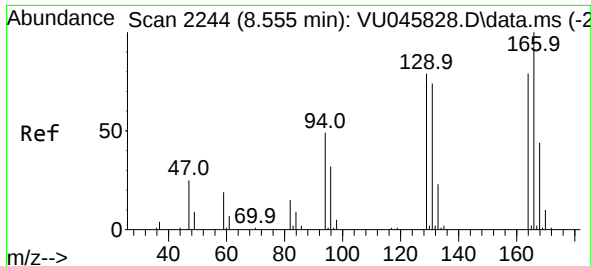
Tgt Ion: 83 Resp: 7995
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.0 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.544 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045837.D
Acq: 17 Nov 2021 14:01

Tgt Ion: 63 Resp: 3932
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#47

Tetrachloroethene

Concen: 2.429 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

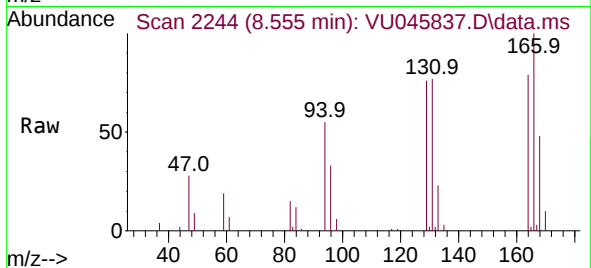
Lab File: VU045837.D

Acq: 17 Nov 2021 14:01

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 12039

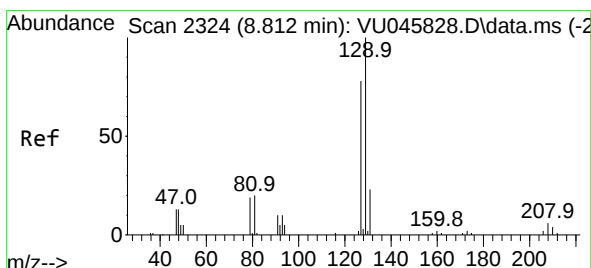
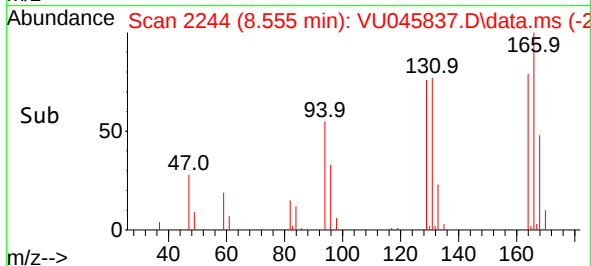
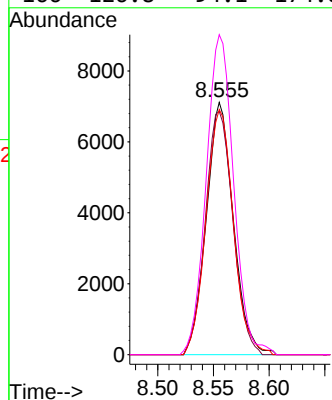
Ion Ratio Lower Upper

164 100

129 96.4 71.8 133.4

131 97.1 68.5 127.3

166 126.8 94.1 174.8



#49

Dibromochloromethane

Concen: 1.931 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU045837.D

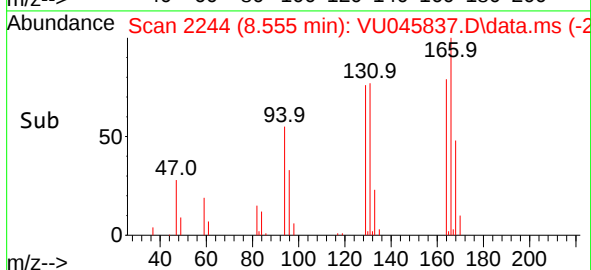
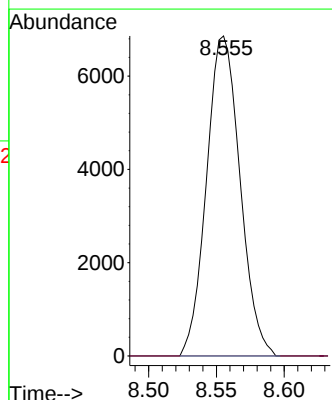
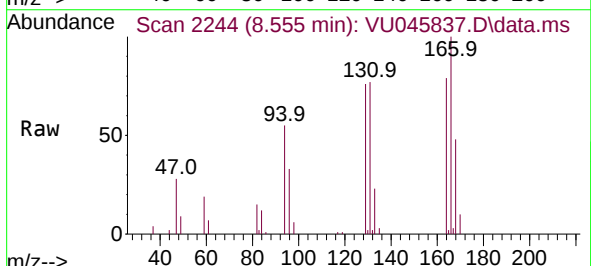
Acq: 17 Nov 2021 14:01

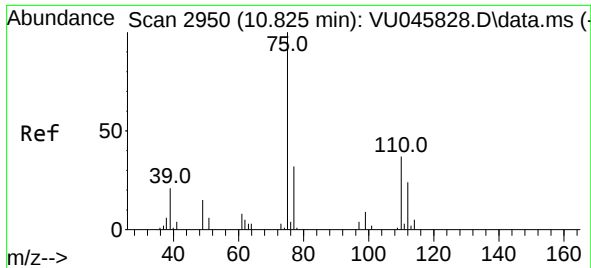
Tgt Ion:129 Resp: 11805

Ion Ratio Lower Upper

129 100

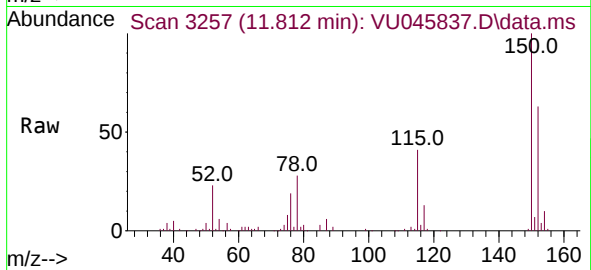
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.225 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU045837.D
 Acq: 17 Nov 2021 14:01

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5696
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 31.0 25.5 38.3

