

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112421\
 Data File : VU045997.D
 Acq On : 24 Nov 2021 16:15
 Operator : SY/MD
 Sample : M4722-15DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 26 00:21:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 00:17:51 2021
 Response via : Initial Calibration

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

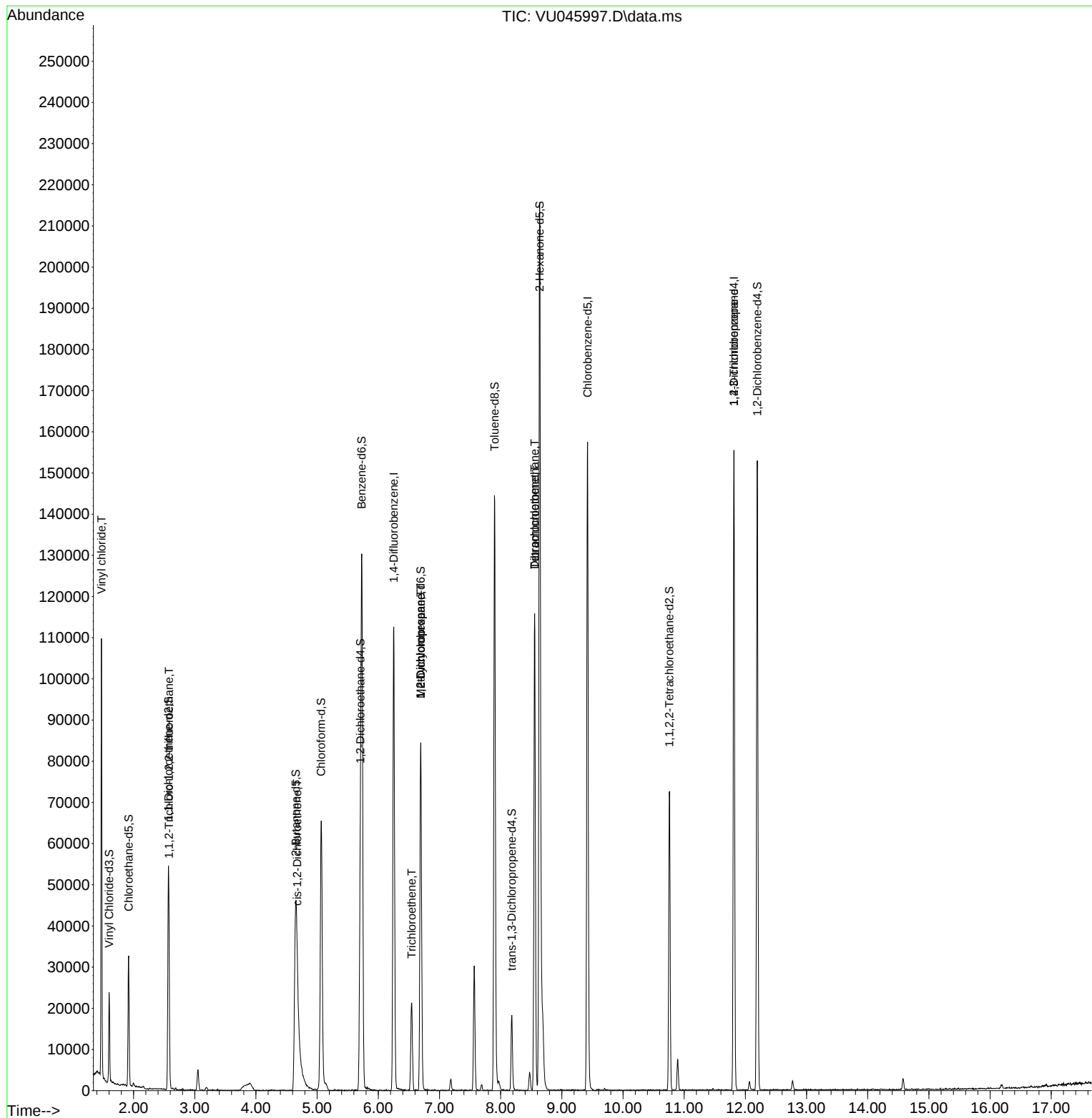
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	92042	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	89048	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	41071	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	14955	2.051	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	41.000%	
7) Chloroethane-d5	1.919	69	22958	4.325	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.400%	
11) 1,1-Dichloroethene-d2	2.571	65	10488	3.429	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.600%	
20) 2-Butanone-d5	4.652	46	115382	59.042	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	118.080%	
24) Chloroform-d	5.067	84	61870	5.092	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.800%	
26) 1,2-Dichloroethane-d4	5.706	65	36444	5.112	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.200%	
32) Benzene-d6	5.729	84	121979	4.974	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.400%	
36) 1,2-Dichloropropane-d6	6.693	67	40127	5.192	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.800%	
41) Toluene-d8	7.899	98	99270	4.475	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.400%	
43) trans-1,3-Dichloroprop...	8.182	79	11204	3.571	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	71.400%	
46) 2-Hexanone-d5	8.636	63	82144	58.170	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	116.340%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	35840	5.489	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	39386	5.585	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.800%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.475	62	916	0.115	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	252	0.042	ug/L #	21
22) cis-1,2-Dichloroethene	4.674	96	2337	0.353	ug/L	99
34) Trichloroethene	6.546	95	6877	1.074	ug/L	97
35) Methylcyclohexane	6.693	83	9791	0.996	ug/L #	18
37) 1,2-Dichloropropane	6.693	63	4486	0.686	ug/L #	88
47) Tetrachloroethene	8.555	164	25685	5.729	ug/L	97
49) Dibromochloromethane	8.555	129	25419	4.597	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	4814	1.129	ug/L #	68

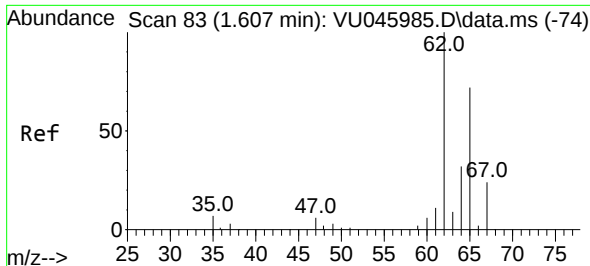
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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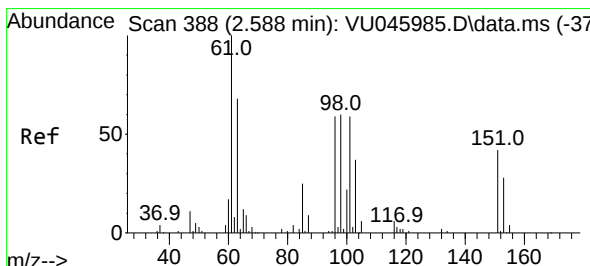
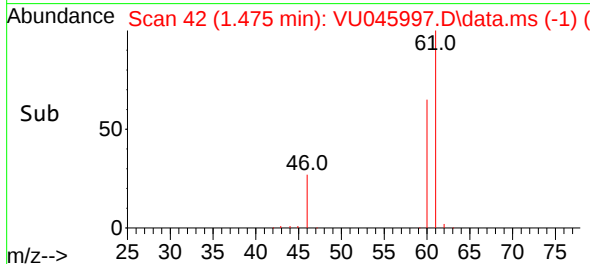
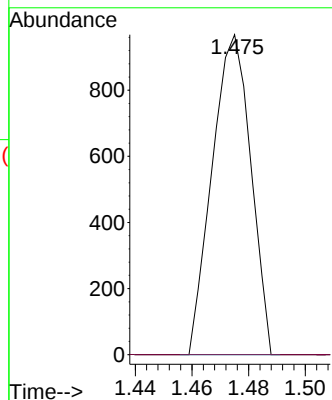
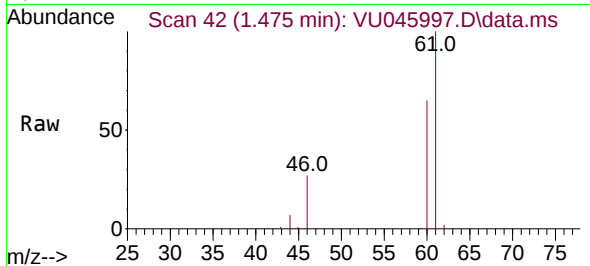




#5
 Vinyl chloride
 Concen: 0.115 ug/L
 RT: 1.475 min Scan# 41
 Delta R.T. -0.132 min
 Lab File: VU045997.D
 Acq: 24 Nov 2021 16:15

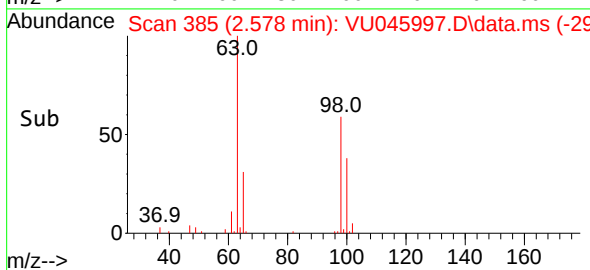
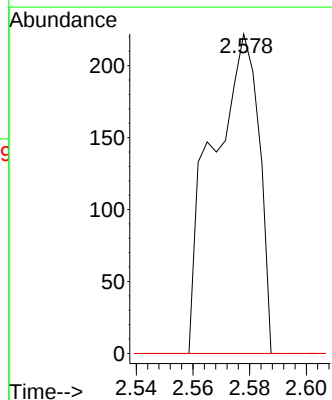
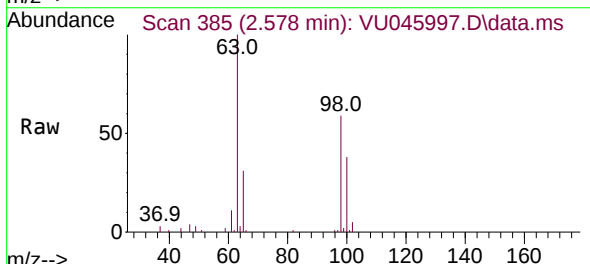
Instrument :
 MSVOA_U
 ClientSampleId :

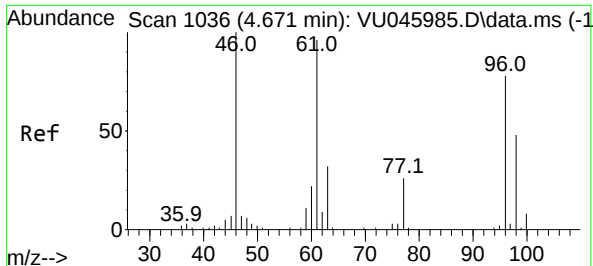
Tgt Ion: 62 Resp: 916
 Ion Ratio Lower Upper
 62 100
 64 0.0 22.9 42.5#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.042 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU045997.D
 Acq: 24 Nov 2021 16:15

Tgt Ion: 101 Resp: 252
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#





#22

cis-1,2-Dichloroethene

Concen: 0.353 ug/L

RT: 4.674 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU045997.D

Acq: 24 Nov 2021 16:15

Instrument :

MSVOA_U

ClientSampleId :

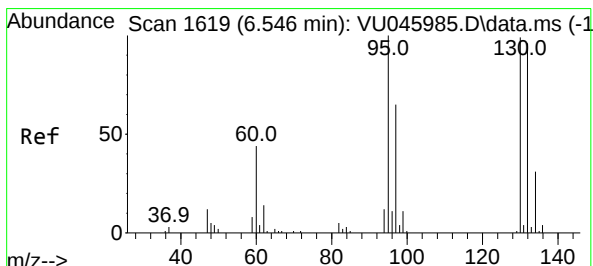
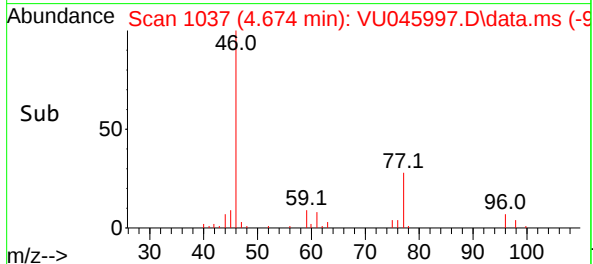
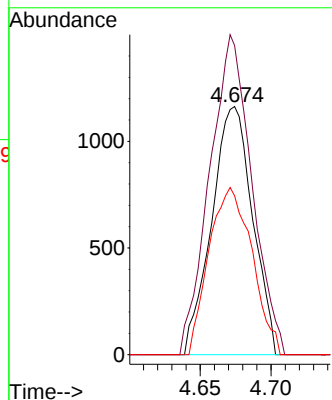
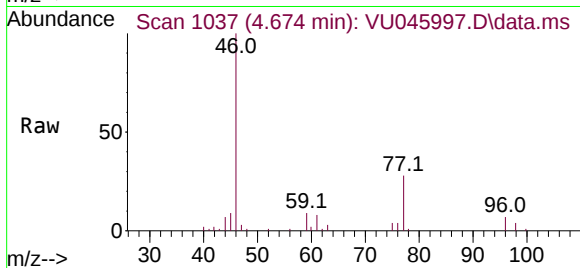
Tgt Ion: 96 Resp: 2337

Ion Ratio Lower Upper

96 100

61 124.6 88.5 164.3

98 64.1 44.4 82.5



#34

Trichloroethene

Concen: 1.074 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU045997.D

Acq: 24 Nov 2021 16:15

Tgt Ion: 95 Resp: 6877

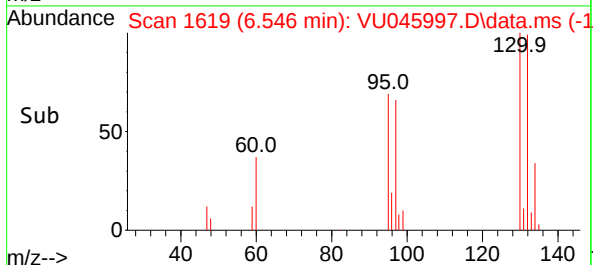
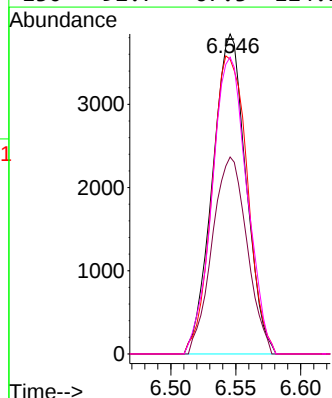
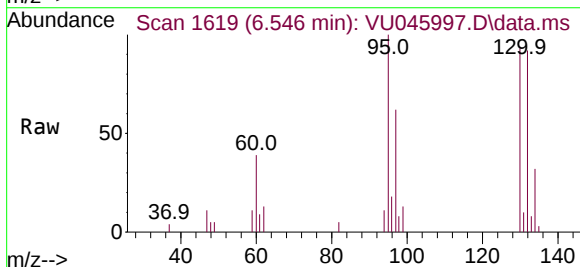
Ion Ratio Lower Upper

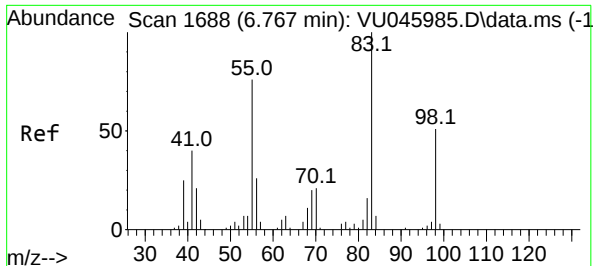
95 100

97 61.5 46.5 86.5

132 92.1 65.1 120.9

130 92.7 67.3 124.9

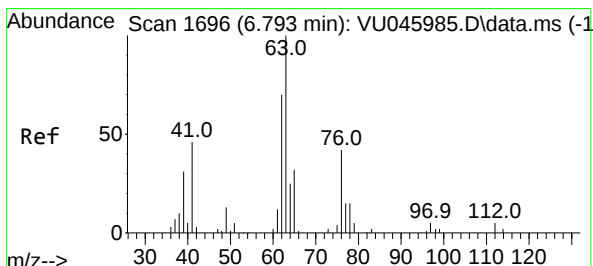
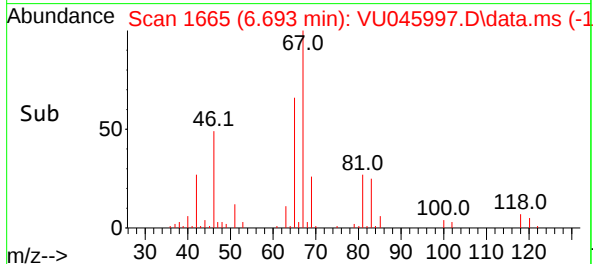
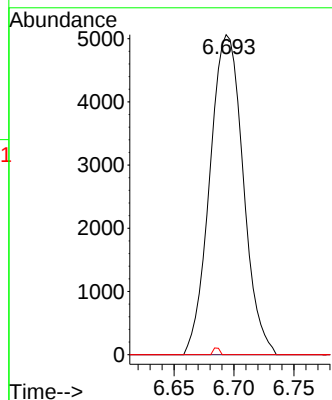
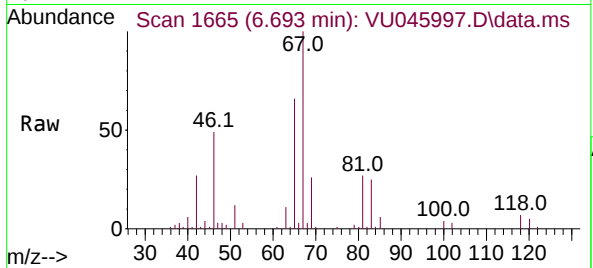




#35
Methylcyclohexane
Concen: 0.996 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045997.D
Acq: 24 Nov 2021 16:15

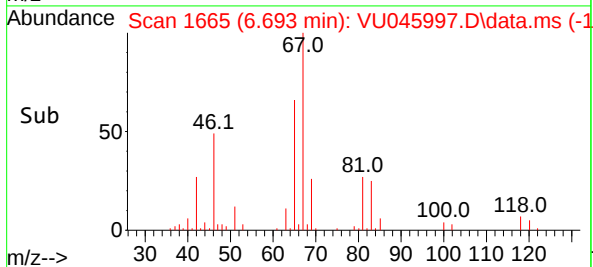
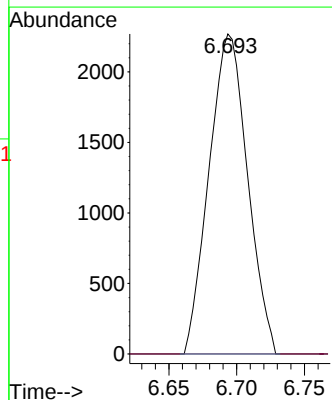
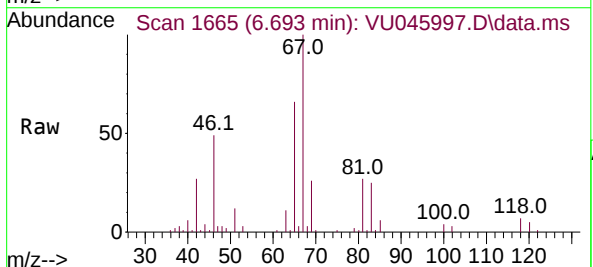
Instrument :
MSVOA_U
ClientSampleId :

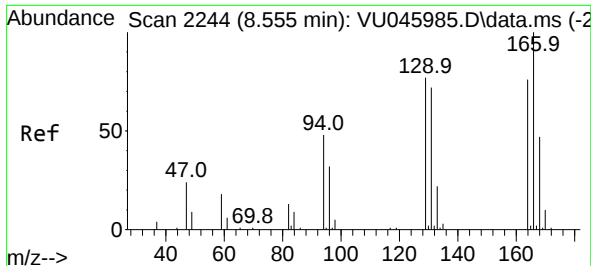
Tgt Ion: 83 Resp: 9791
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.4 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.686 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU045997.D
Acq: 24 Nov 2021 16:15

Tgt Ion: 63 Resp: 4486
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#47

Tetrachloroethene

Concen: 5.729 ug/L

RT: 8.555 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045997.D

Acq: 24 Nov 2021 16:15

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 25685

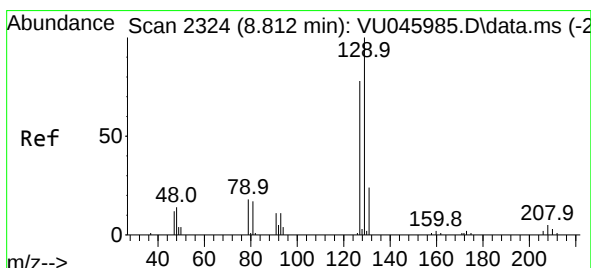
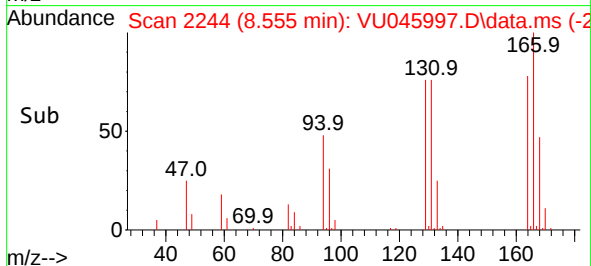
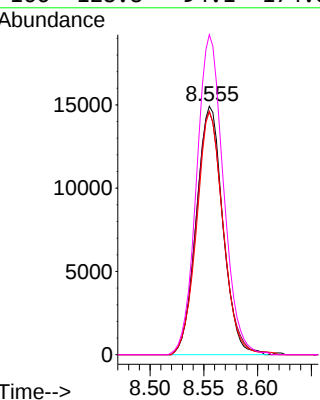
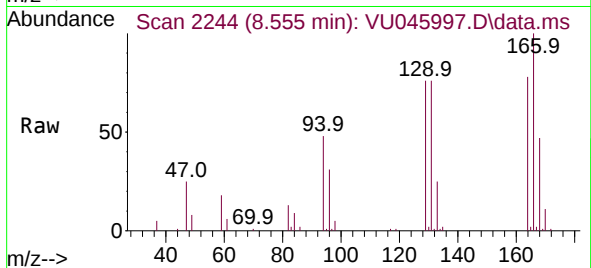
Ion Ratio Lower Upper

164 100

129 98.0 71.8 133.4

131 97.8 68.5 127.3

166 128.8 94.1 174.8



#49

Dibromochloromethane

Concen: 4.597 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU045997.D

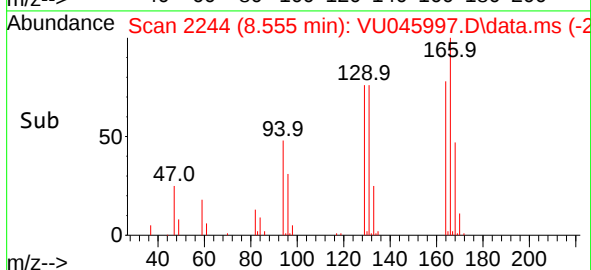
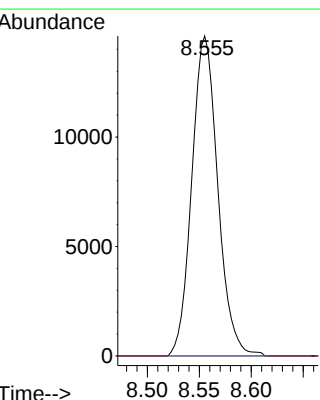
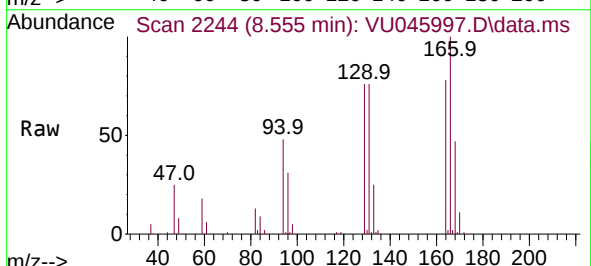
Acq: 24 Nov 2021 16:15

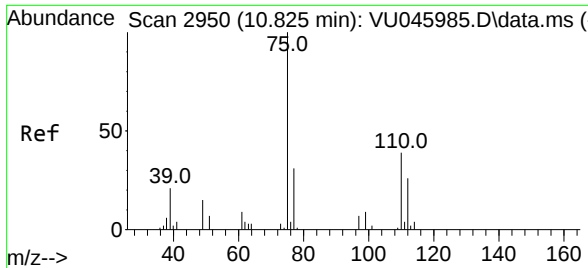
Tgt Ion:129 Resp: 25419

Ion Ratio Lower Upper

129 100

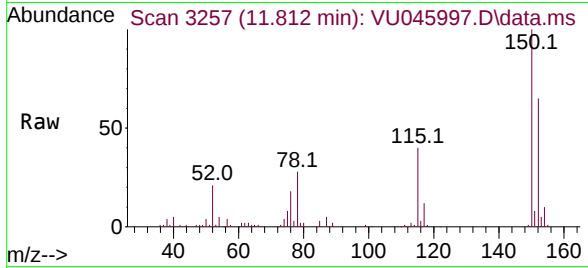
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.129 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU045997.D
 Acq: 24 Nov 2021 16:15

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4814
 Ion Ratio Lower Upper
 75 100
 110 1.8 29.9 44.9#
 77 31.6 25.5 38.3

