

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
 Data File : VU045977.D
 Acq On : 24 Nov 2021 00:10
 Operator : SY/MD
 Sample : M4722-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 24 02:09:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 24 01:57:54 2021
 Response via : Initial Calibration

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

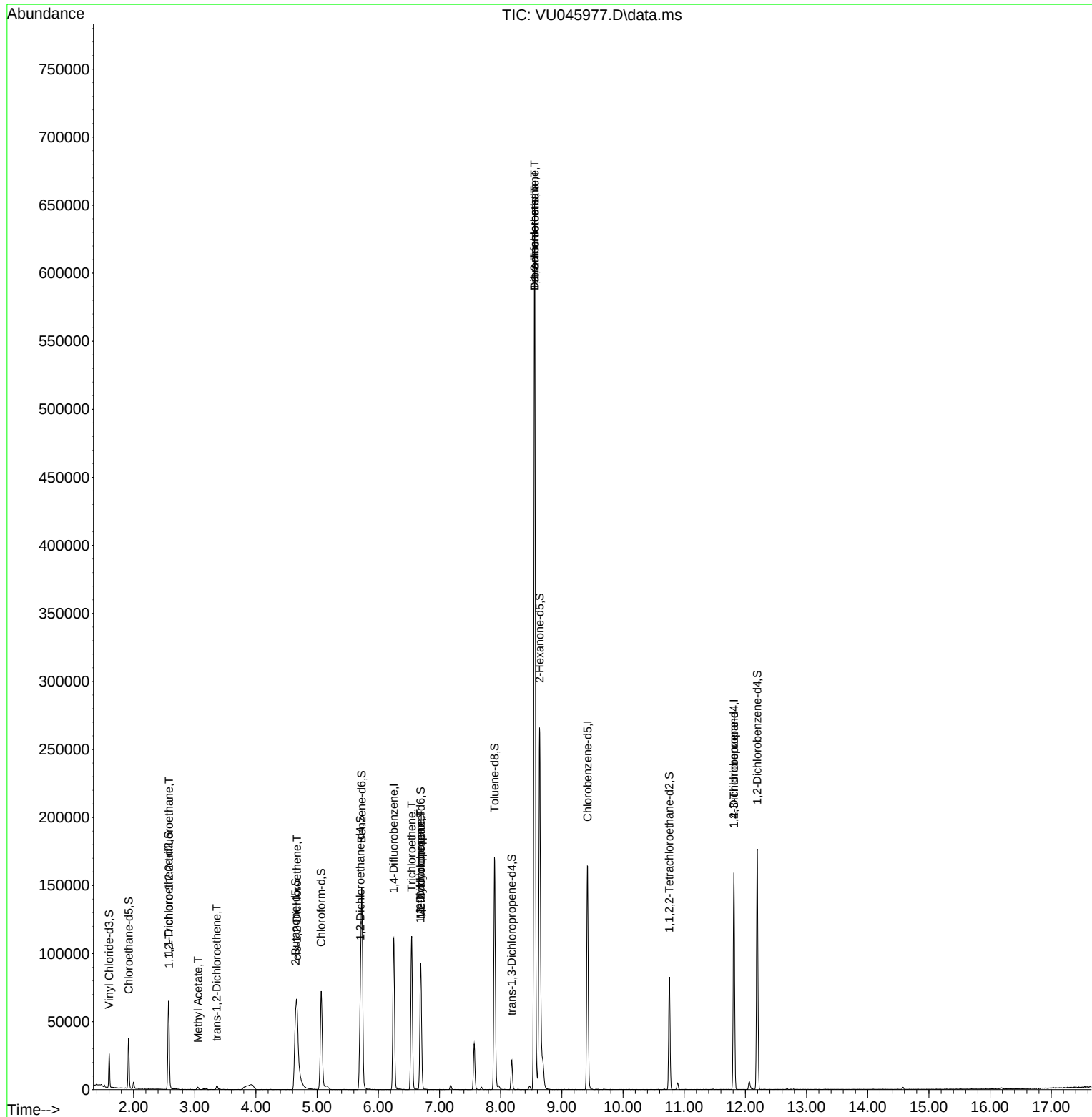
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	93917	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	93997	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	42069	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	17452	2.345	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	47.000%
7) Chloroethane-d5	1.919	69	26999	4.984	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.572	65	12147	3.892	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	4.649	46	136690	68.549	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	137.100%#
24) Chloroform-d	5.067	84	66626	5.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.400%
26) 1,2-Dichloroethane-d4	5.707	65	40141	5.519	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.400%
32) Benzene-d6	5.729	84	139519	5.390	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.800%
36) 1,2-Dichloropropane-d6	6.694	67	45517	5.579	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.600%
41) Toluene-d8	7.899	98	116785	4.987	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
43) trans-1,3-Dichloroprop...	8.182	79	13197	3.985	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.636	63	100636	67.513	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	135.020%#
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41273	5.988	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	45143	6.250	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	125.000%#
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	332	0.054	ug/L #	21
15) Methyl Acetate	3.054	43	1132	0.393	ug/L #	51
18) trans-1,2-Dichloroethene	3.359	96	747	0.120	ug/L #	74
22) cis-1,2-Dichloroethene	4.671	96	12633	1.870	ug/L	95
34) Trichloroethene	6.546	95	38511	5.697	ug/L	98
35) Methylcyclohexane	6.694	83	10716	1.032	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	4903	0.710	ug/L #	88
45) 1,1,2-Trichloroethane	8.555	97	1335	0.261	ug/L #	1
47) Tetrachloroethene	8.555	164	145553	30.757	ug/L	94
49) Dibromochloromethane	8.555	129	140043	23.993	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5359	1.227	ug/L #	66

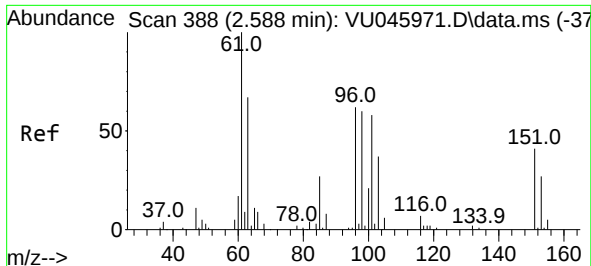
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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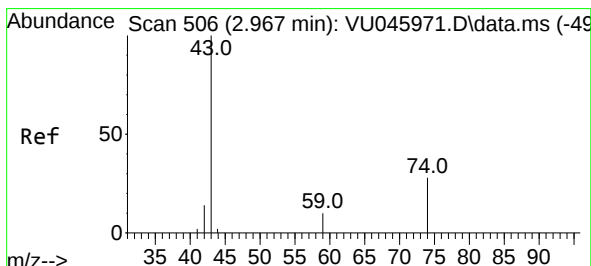
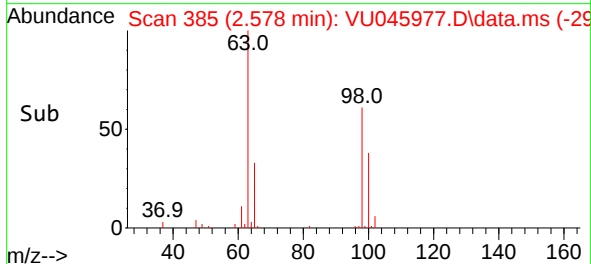
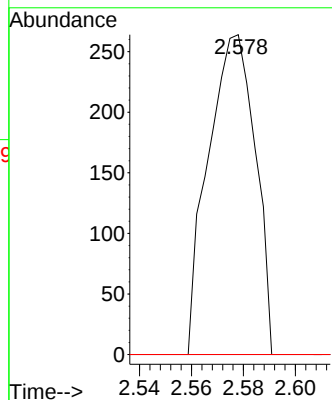
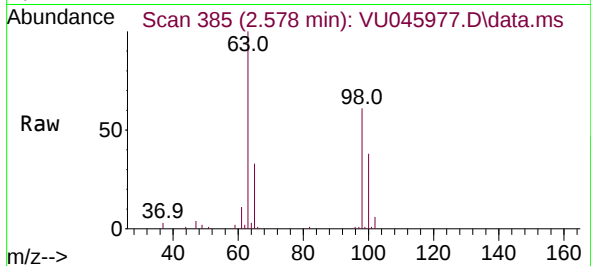




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.054 ug/L
RT: 2.578 min Scan# 310
Delta R.T. -0.010 min
Lab File: VU045977.D
Acq: 24 Nov 2021 00:10

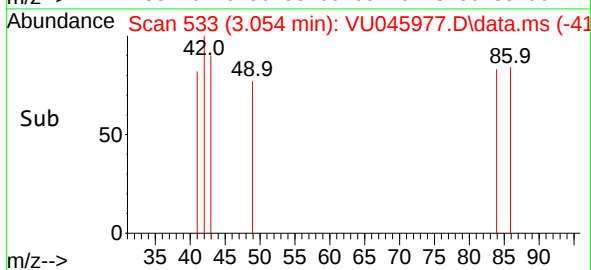
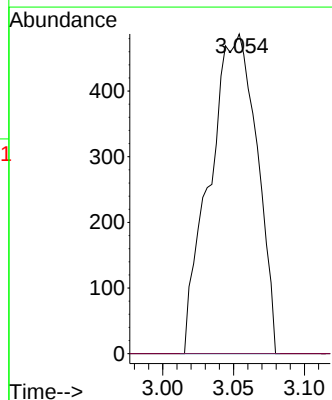
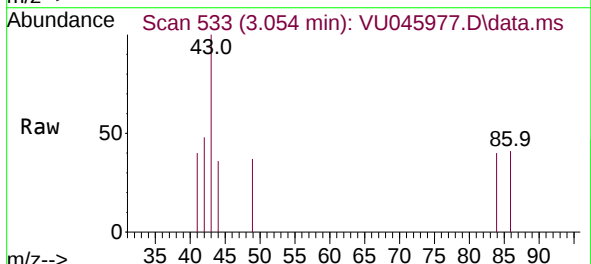
Instrument :
MSVOA_U
ClientSampleId :

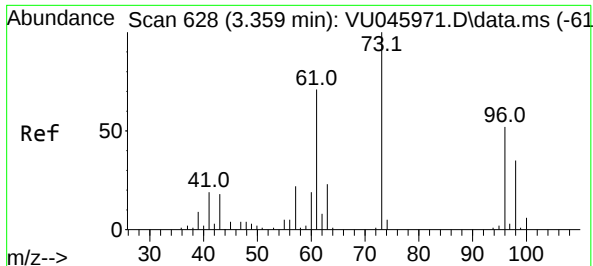
Tgt Ion:101 Resp: 332
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#15
Methyl Acetate
Concen: 0.393 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.087 min
Lab File: VU045977.D
Acq: 24 Nov 2021 00:10

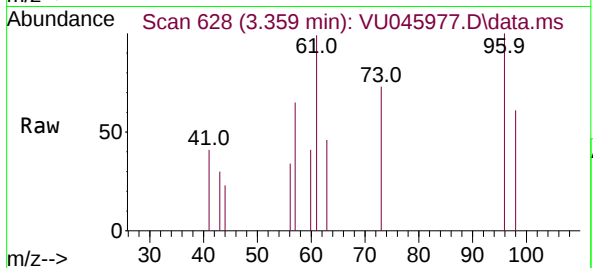
Tgt Ion: 43 Resp: 1132
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#



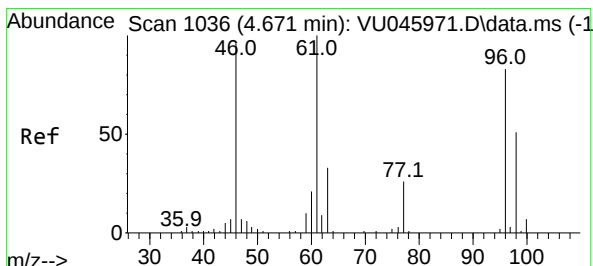
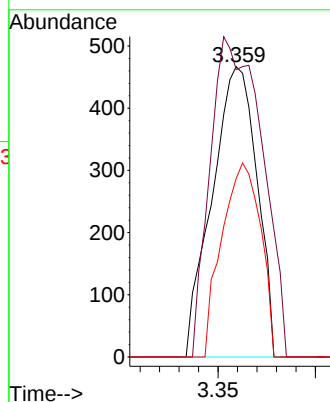
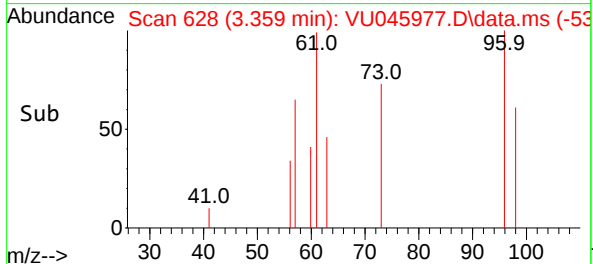


#18
trans-1,2-Dichloroethene
Concen: 0.120 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045977.D
Acq: 24 Nov 2021 00:10

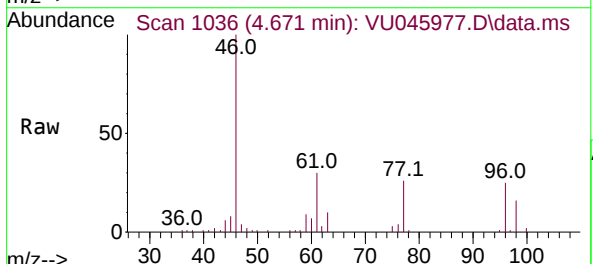
Instrument :
MSVOA_U
ClientSampleId :



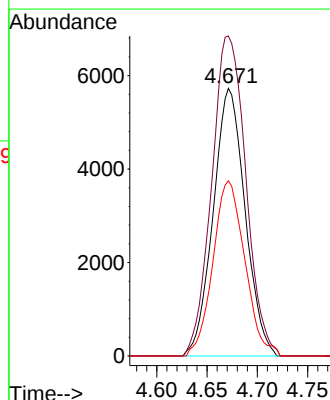
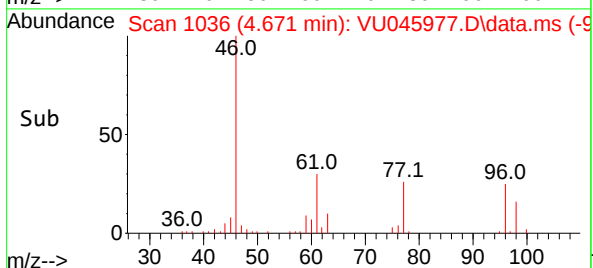
Tgt Ion: 96 Resp: 747
Ion Ratio Lower Upper
96 100
61 98.9 100.8 187.2#
98 61.5 45.1 83.7

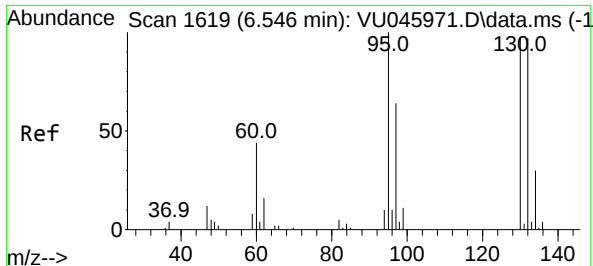


#22
cis-1,2-Dichloroethene
Concen: 1.870 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU045977.D
Acq: 24 Nov 2021 00:10



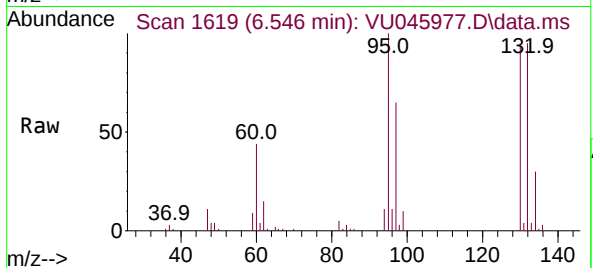
Tgt Ion: 96 Resp: 12633
Ion Ratio Lower Upper
96 100
61 119.5 88.5 164.3
98 65.4 44.4 82.5



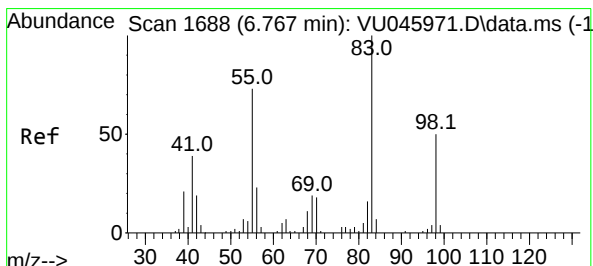
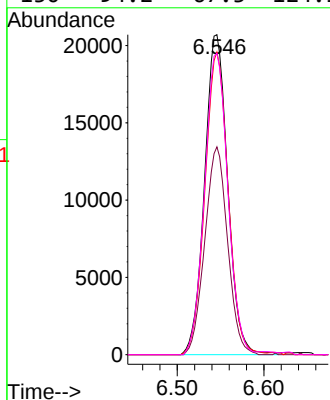
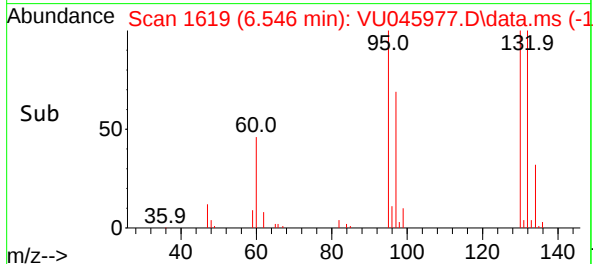


#34
Trichloroethene
Concen: 5.697 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045977.D
Acq: 24 Nov 2021 00:10

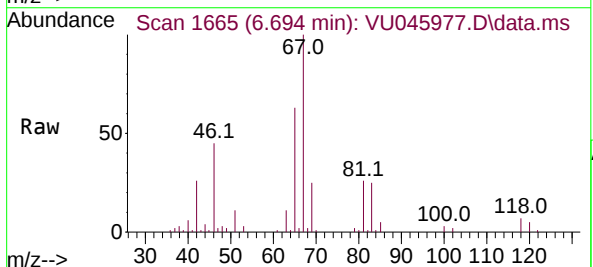
Instrument :
MSVOA_U
ClientSampleId :



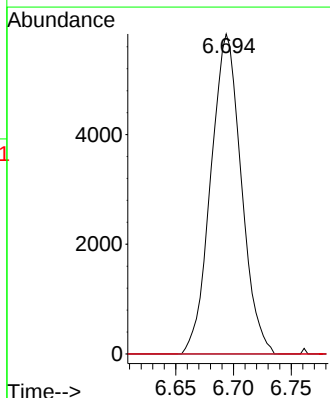
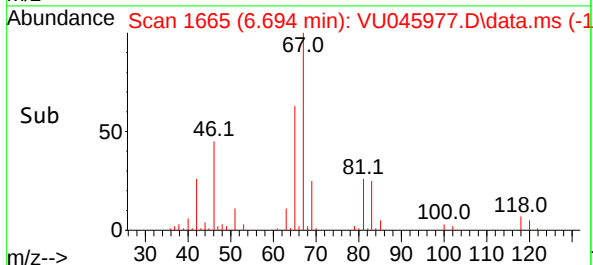
Tgt Ion: 95 Resp: 38511
Ion Ratio Lower Upper
95 100
97 64.9 46.5 86.5
132 94.6 65.1 120.9
130 94.2 67.3 124.9

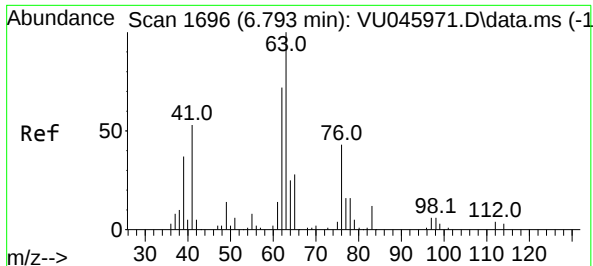


#35
Methylcyclohexane
Concen: 1.032 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045977.D
Acq: 24 Nov 2021 00:10



Tgt Ion: 83 Resp: 10716
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 1.0 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.710 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU045977.D

Acq: 24 Nov 2021 00:10

Instrument :

MSVOA_U

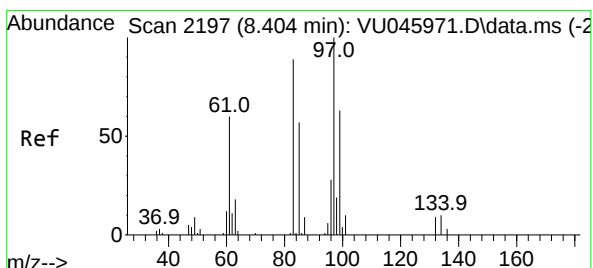
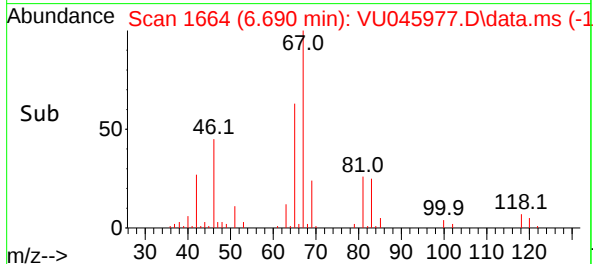
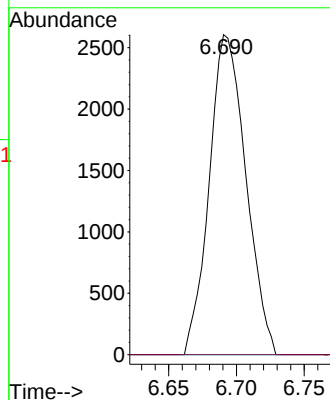
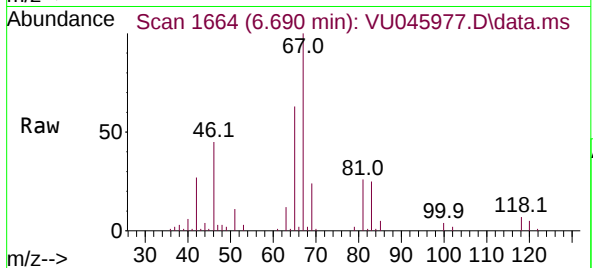
ClientSampleId :

Tgt Ion: 63 Resp: 4903

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#45

1,1,2-Trichloroethane

Concen: 0.261 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.151 min

Lab File: VU045977.D

Acq: 24 Nov 2021 00:10

Tgt Ion: 97 Resp: 1335

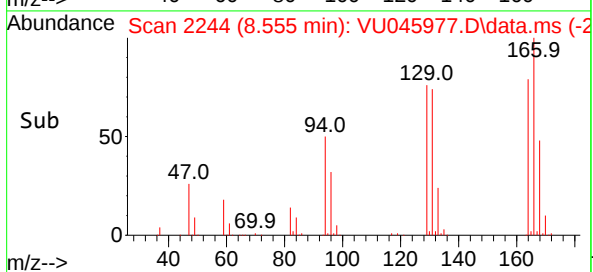
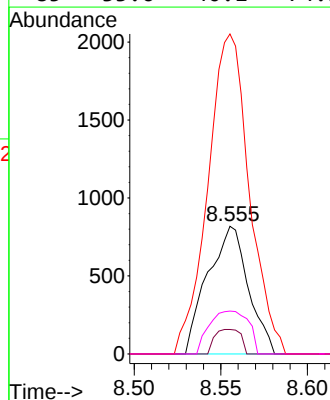
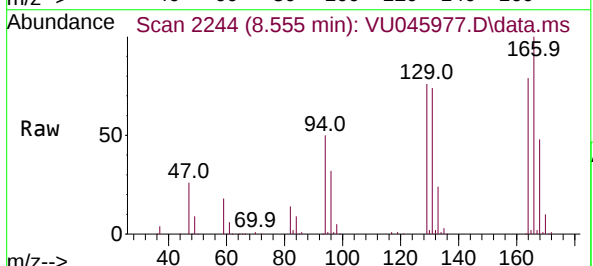
Ion Ratio Lower Upper

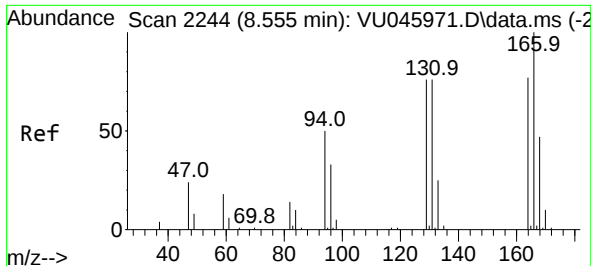
97 100

99 19.2 42.3 78.5#

83 250.5 62.0 115.2#

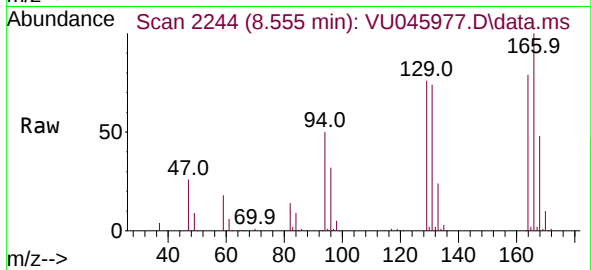
85 33.6 40.1 74.5#



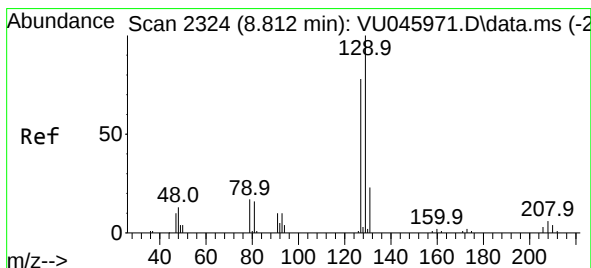
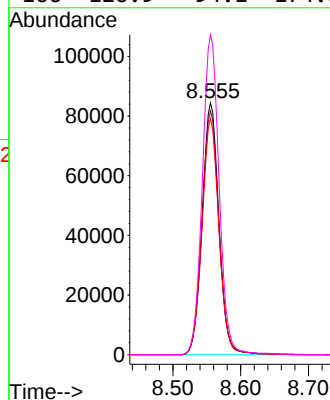
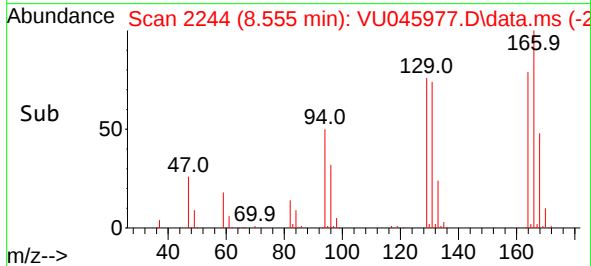


#47
Tetrachloroethene
Concen: 30.757 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045977.D
Acq: 24 Nov 2021 00:10

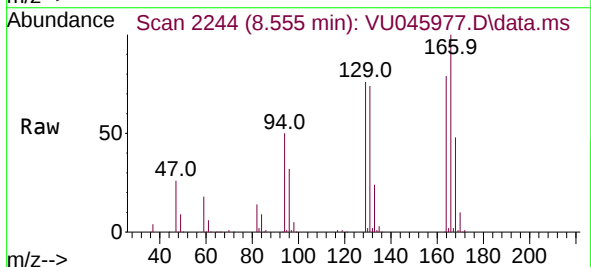
Instrument :
MSVOA_U
ClientSampleId :



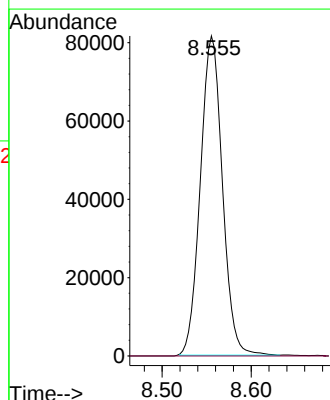
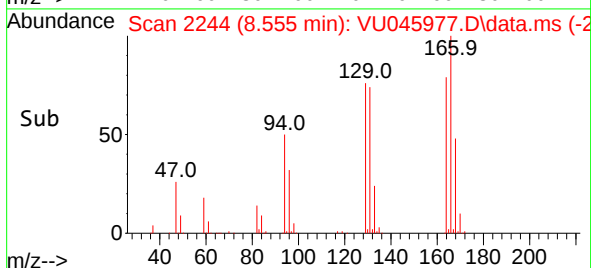
Tgt Ion:164 Resp: 145553
Ion Ratio Lower Upper
164 100
129 96.7 71.8 133.4
131 93.7 68.5 127.3
166 126.9 94.1 174.8

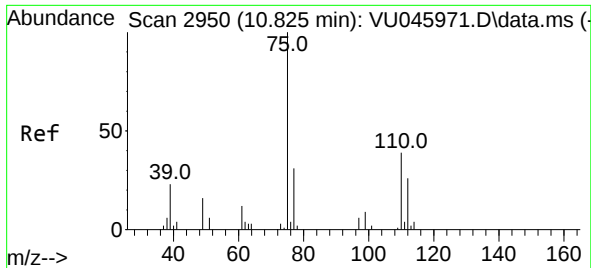


#49
Dibromochloromethane
Concen: 23.993 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU045977.D
Acq: 24 Nov 2021 00:10



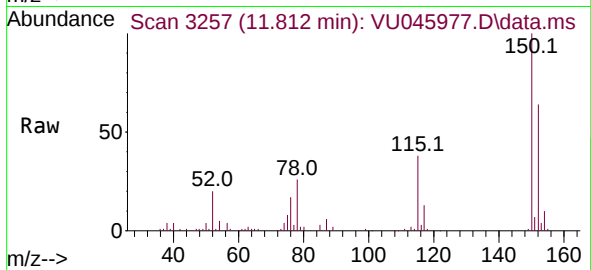
Tgt Ion:129 Resp: 140043
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.227 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU045977.D
 Acq: 24 Nov 2021 00:10

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5359
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 32.0 25.5 38.3

