

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061925.D
 Acq On : 21 Nov 2024 18:16
 Operator : MD/SY
 Sample : P4903-05
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 23:11:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 23:06:37 2024
 Response via : Initial Calibration

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

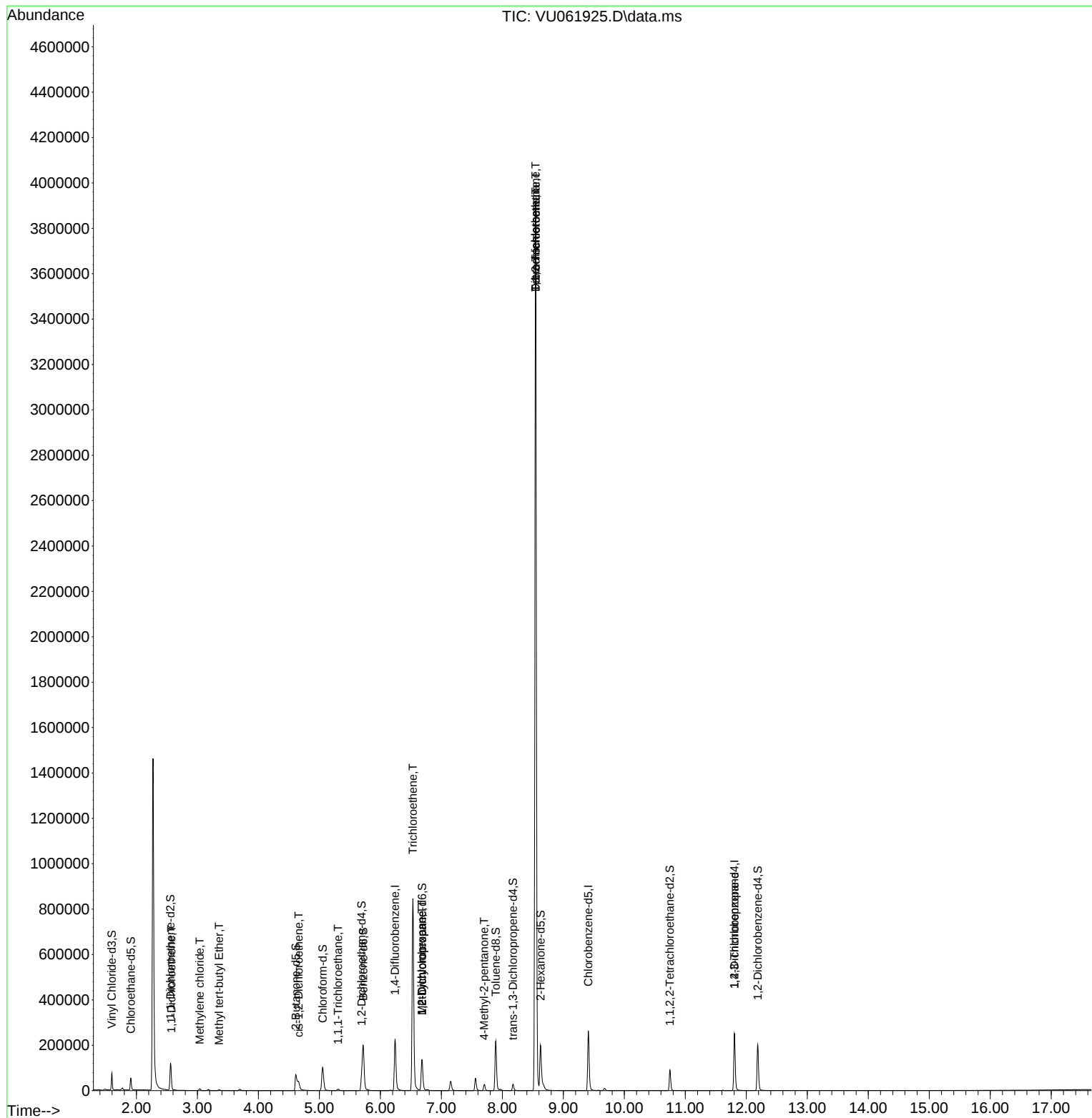
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	186926	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	148940	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	70874	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	48381	5.277	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.600%
7) Chloroethane-d5	1.908	69	39815	4.909	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.557	65	22074	6.026	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	120.600%
20) 2-Butanone-d5	4.612	46	107739	37.419	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.840%
24) Chloroform-d	5.052	84	95473	4.268	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	5.692	65	52265	4.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.718	84	191107	6.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	131.800%#
36) 1,2-Dichloropropane-d6	6.682	67	70111	7.110	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	142.200%#
41) Toluene-d8	7.891	98	153538	6.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	126.800%
43) trans-1,3-Dichloroprop...	8.174	79	18010	4.934	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.600%
46) 2-Hexanone-d5	8.624	63	68410	41.059	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.120%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	48305	4.903	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	57005	5.439	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.800%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	2165	0.173	ug/L #	1
16) Methylene chloride	3.036	84	4006	0.266	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	3535	0.110	ug/L #	86
22) cis-1,2-Dichloroethene	4.660	96	15673	1.051	ug/L	95
29) 1,1,1-Trichloroethane	5.306	97	5381	0.313	ug/L	94
34) Trichloroethene	6.531	95	307814	25.641	ug/L	98
35) Methylcyclohexane	6.679	83	15778	0.859	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	7671	0.656	ug/L #	87
40) 4-Methyl-2-pentanone	7.702	43	12361	1.960	ug/L #	43
45) 1,1,2-Trichloroethane	8.544	97	7960	0.925	ug/L #	1
47) Tetrachloroethene	8.544	164	867245	99.329	ug/L	97
49) Dibromochloromethane	8.544	129	875087	96.223	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	8632	1.053	ug/L #	68

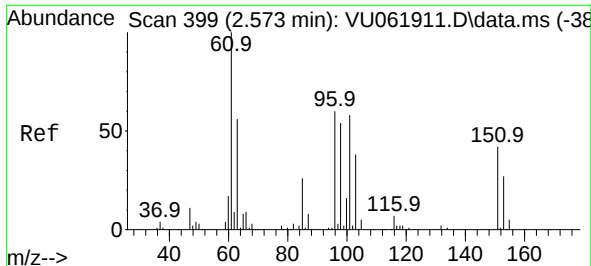
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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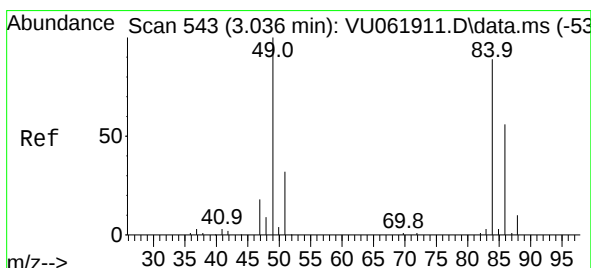
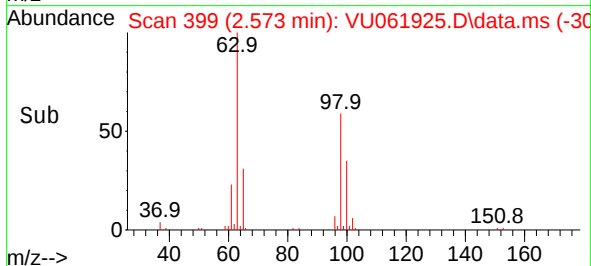
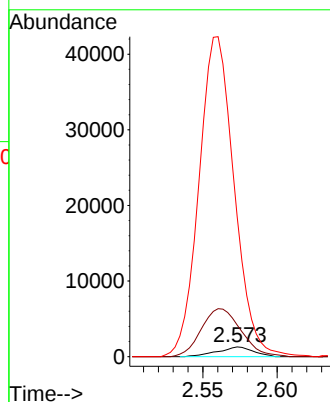
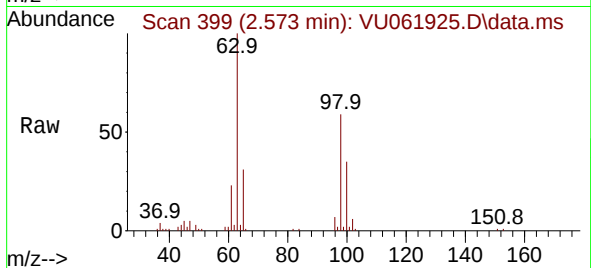




#12
1,1-Dichloroethene
Concen: 0.173 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061925.D
Acq: 21 Nov 2024 18:16

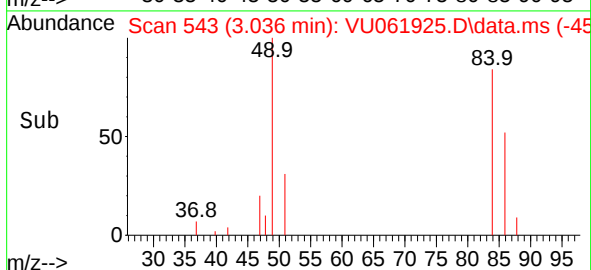
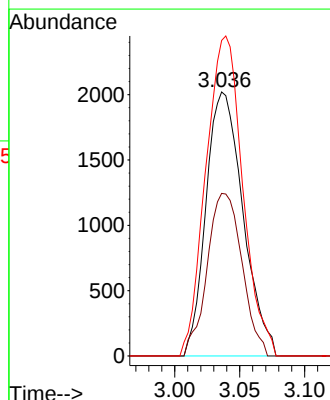
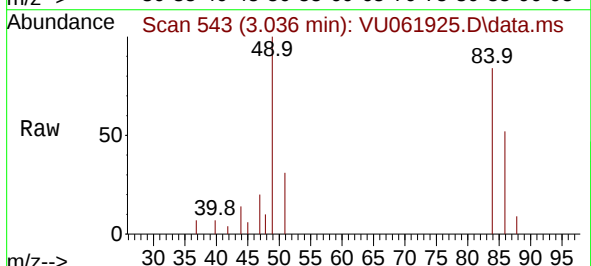
Instrument :
MSVOA_U
ClientSampleId :

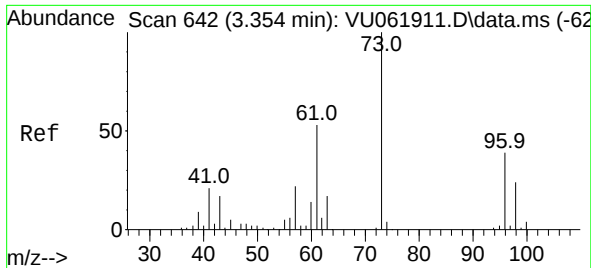
Tgt Ion: 96 Resp: 2165
Ion Ratio Lower Upper
96 100
61 325.6 119.6 222.2#
63 1436.9 65.0 120.6#



#16
Methylene chloride
Concen: 0.266 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU061925.D
Acq: 21 Nov 2024 18:16

Tgt Ion: 84 Resp: 4006
Ion Ratio Lower Upper
84 100
86 61.6 43.5 80.7
49 119.5 81.9 152.1

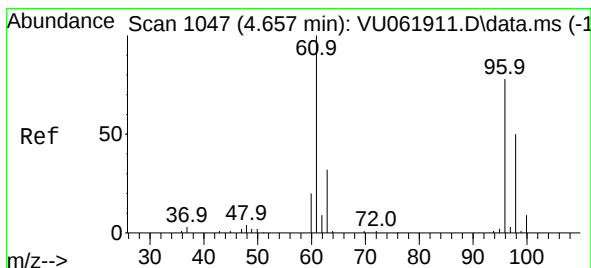
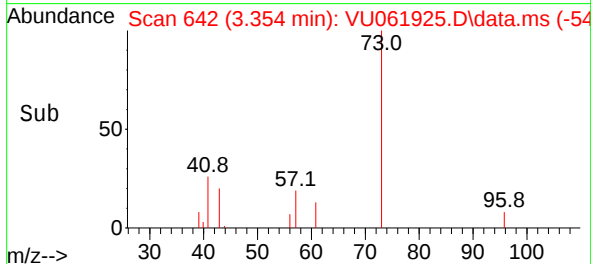
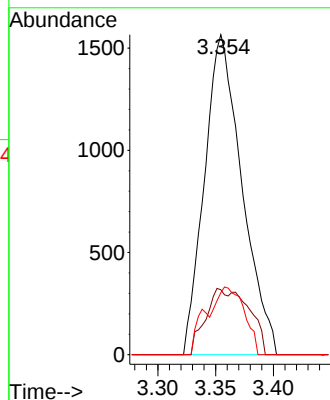
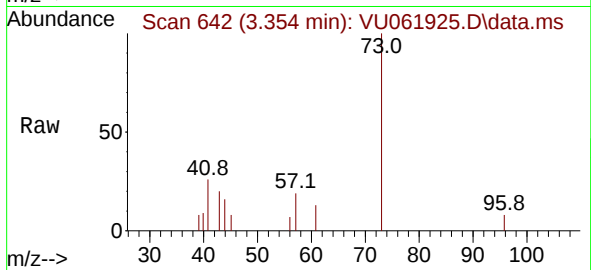




#17
Methyl tert-butyl Ether
Concen: 0.110 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061925.D
Acq: 21 Nov 2024 18:16

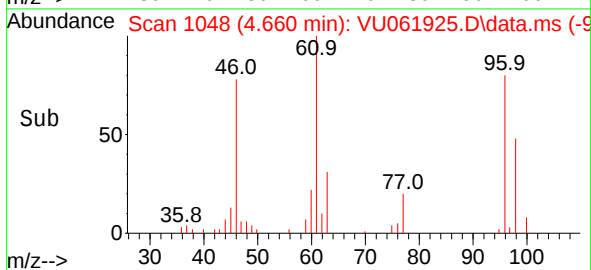
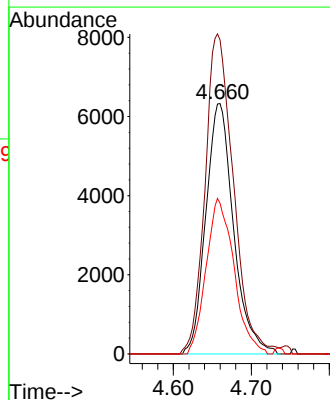
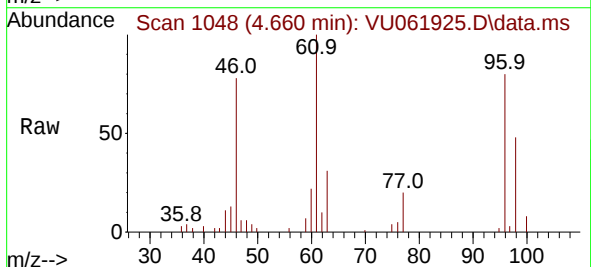
Instrument :
MSVOA_U
ClientSampleId :

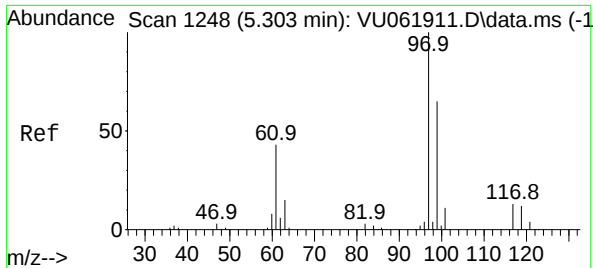
Tgt Ion: 73 Resp: 3535
Ion Ratio Lower Upper
73 100
43 12.4 16.3 24.5#
57 16.2 17.1 25.7#



#22
cis-1,2-Dichloroethene
Concen: 1.051 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU061925.D
Acq: 21 Nov 2024 18:16

Tgt Ion: 96 Resp: 15673
Ion Ratio Lower Upper
96 100
61 125.4 92.0 170.8
98 60.2 44.5 82.7

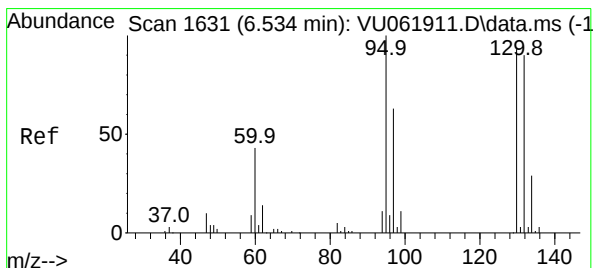
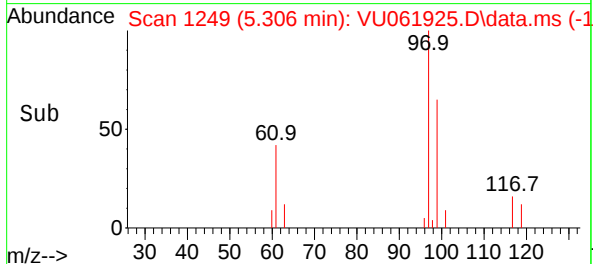
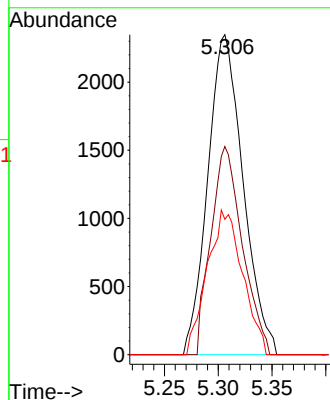
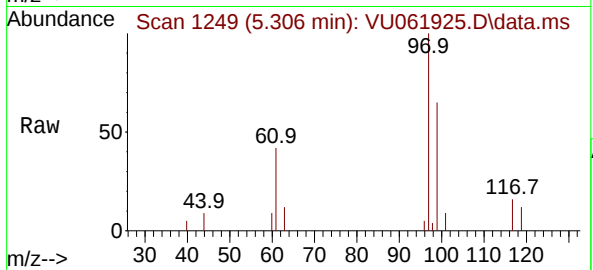




#29
1,1,1-Trichloroethane
Concen: 0.313 ug/L
RT: 5.306 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU061925.D
Acq: 21 Nov 2024 18:16

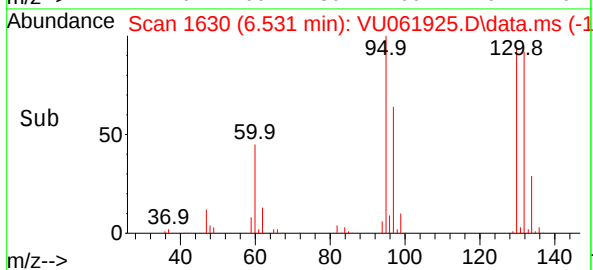
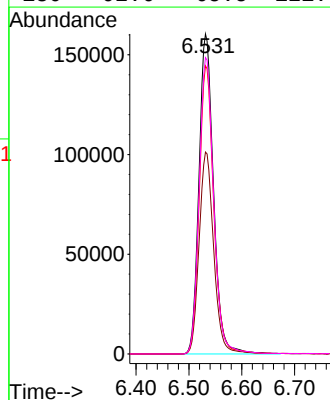
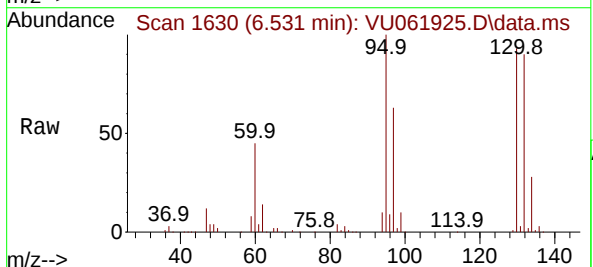
Instrument :
MSVOA_U
ClientSampleId :

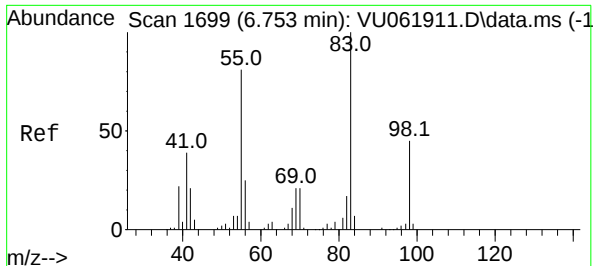
Tgt Ion:	97	Resp:	5381
Ion	Ratio	Lower	Upper
97	100		
99	57.9	51.4	77.2
61	45.2	37.8	56.6



#34
Trichloroethene
Concen: 25.641 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.003 min
Lab File: VU061925.D
Acq: 21 Nov 2024 18:16

Tgt Ion:	95	Resp:	307814
Ion	Ratio	Lower	Upper
95	100		
97	63.1	45.9	85.3
132	90.1	63.8	118.4
130	92.6	65.5	121.7

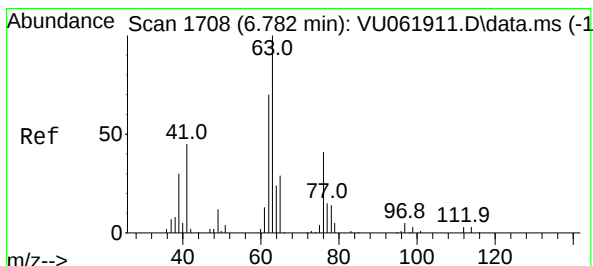
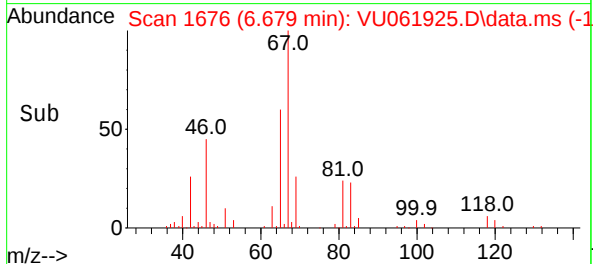
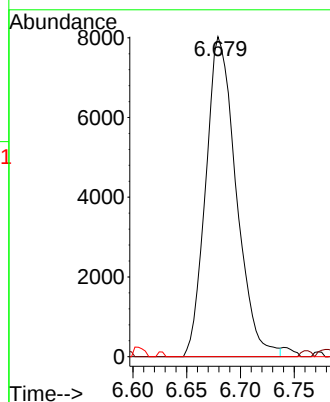
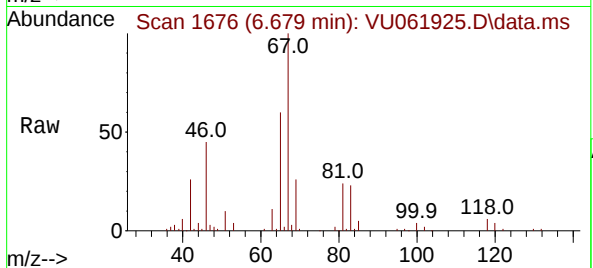




#35
Methylcyclohexane
Concen: 0.859 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU061925.D
Acq: 21 Nov 2024 18:16

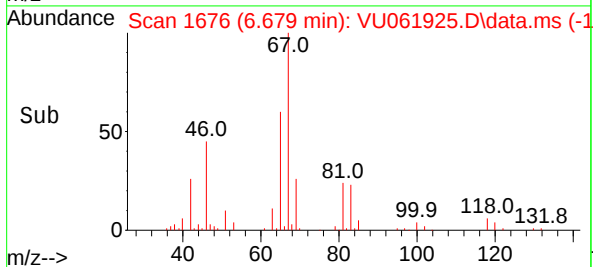
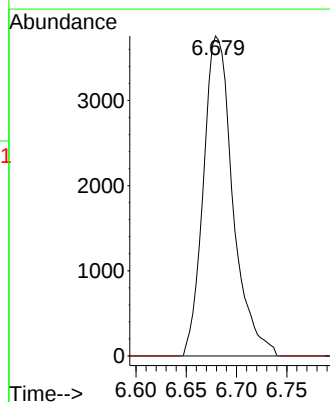
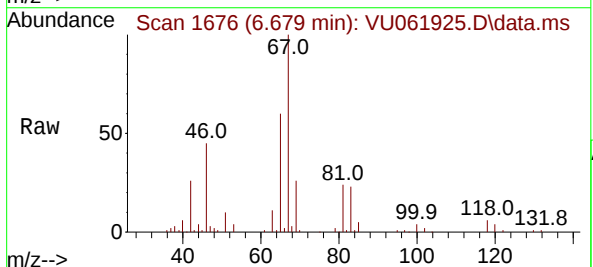
Instrument :
MSVOA_U
ClientSampleId :

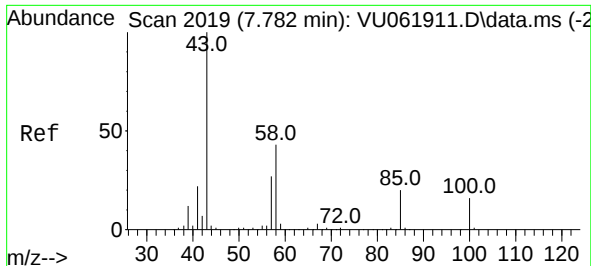
Tgt Ion: 83 Resp: 15778
Ion Ratio Lower Upper
83 100
55 0.6 60.7 91.1#
98 0.0 34.8 52.2#



#37
1,2-Dichloropropane
Concen: 0.656 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.103 min
Lab File: VU061925.D
Acq: 21 Nov 2024 18:16

Tgt Ion: 63 Resp: 7671
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

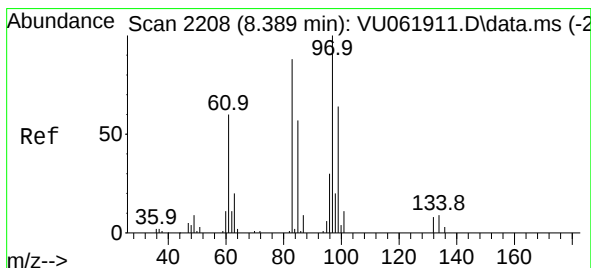
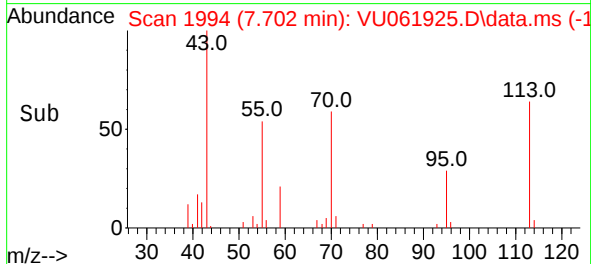
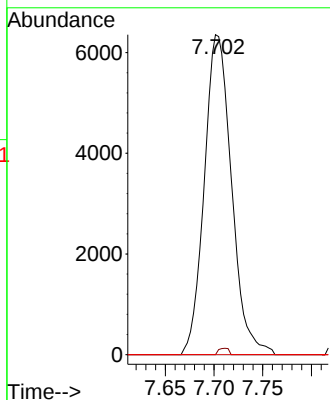
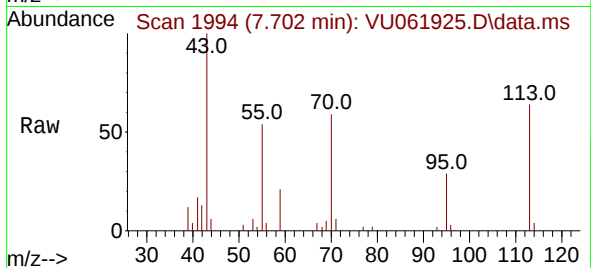




#40
4-Methyl-2-pentanone
Concen: 1.960 ug/L
RT: 7.702 min Scan# 1994
Delta R.T. -0.080 min
Lab File: VU061925.D
Acq: 21 Nov 2024 18:16

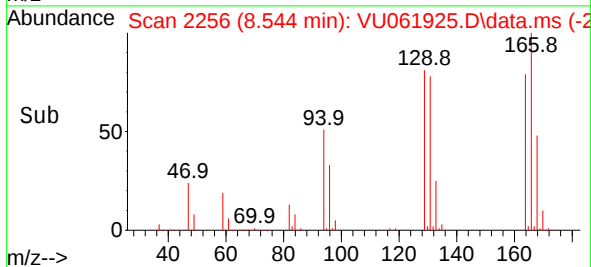
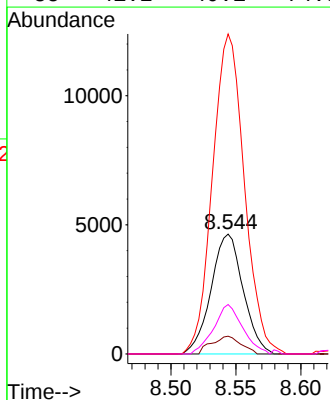
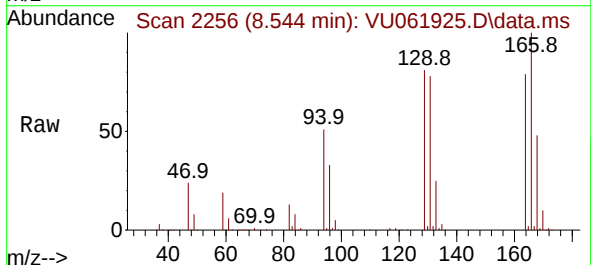
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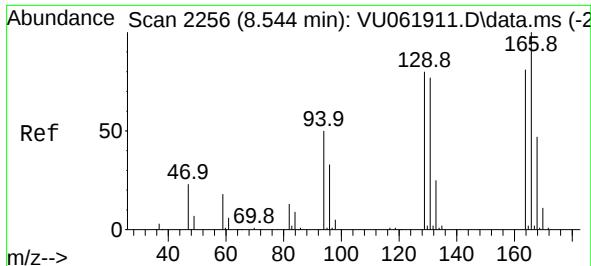
Tgt Ion: 43 Resp: 12361
Ion Ratio Lower Upper
43 100
58 0.7 33.3 49.9#
100 0.0 12.4 18.6#



#45
1,1,2-Trichloroethane
Concen: 0.925 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.154 min
Lab File: VU061925.D
Acq: 21 Nov 2024 18:16

Tgt Ion: 97 Resp: 7960
Ion Ratio Lower Upper
97 100
99 14.8 43.0 79.8#
83 266.9 61.7 114.5#
85 41.2 40.1 74.5





#47

Tetrachloroethene

Concen: 99.329 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

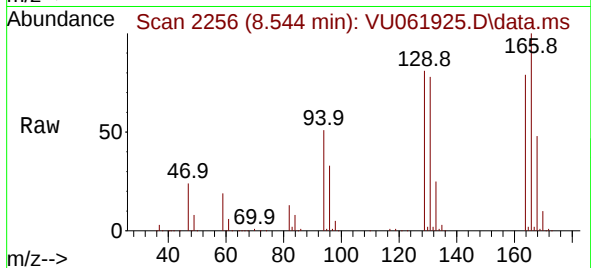
Lab File: VU061925.D

Acq: 21 Nov 2024 18:16

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 867245

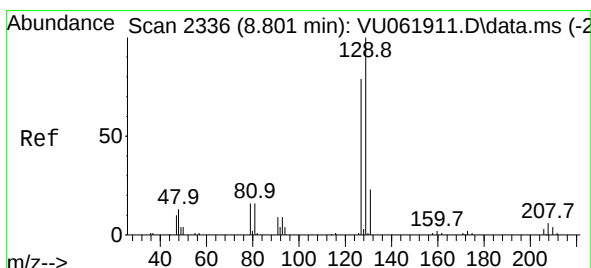
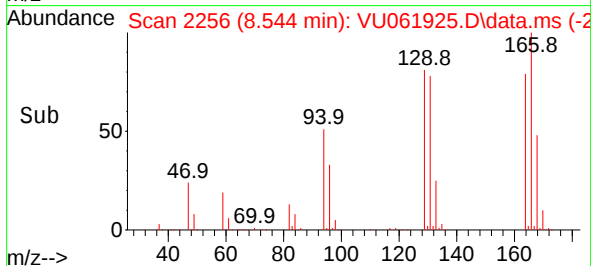
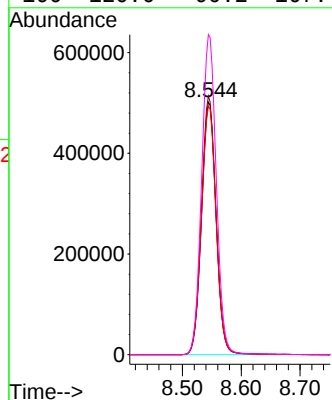
Ion Ratio Lower Upper

164 100

129 102.4 73.2 136.0

131 98.4 72.3 134.3

166 126.6 90.2 167.4



#49

Dibromochloromethane

Concen: 96.223 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.257 min

Lab File: VU061925.D

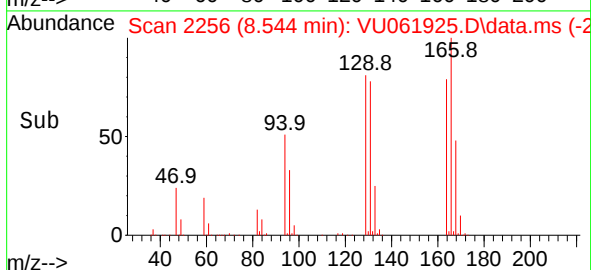
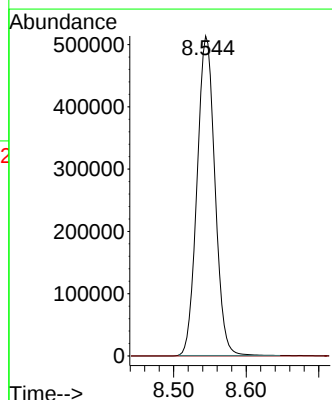
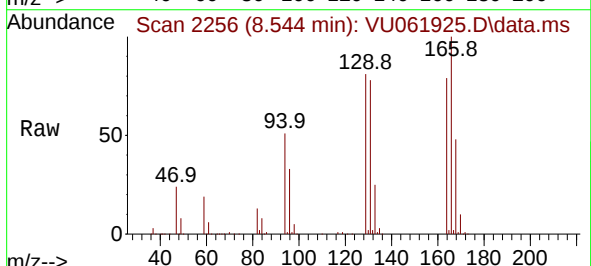
Acq: 21 Nov 2024 18:16

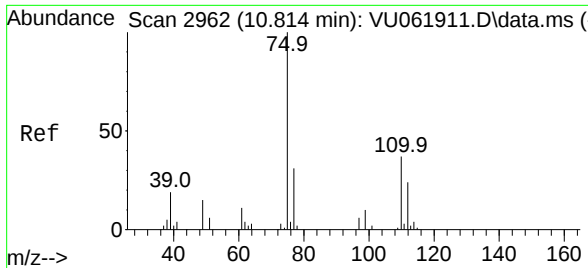
Tgt Ion:129 Resp: 875087

Ion Ratio Lower Upper

129 100

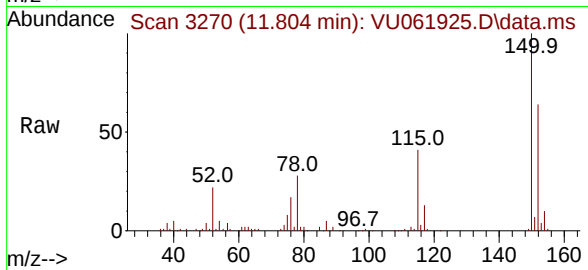
127 0.0 51.1 94.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.053 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU061925.D
 Acq: 21 Nov 2024 18:16

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 8632
 Ion Ratio Lower Upper
 75 100
 110 1.3 28.9 43.3#
 77 32.0 26.5 39.7

