

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061922.D
 Acq On : 21 Nov 2024 17:02
 Operator : MD/SY
 Sample : P4903-02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 23:10:17 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)

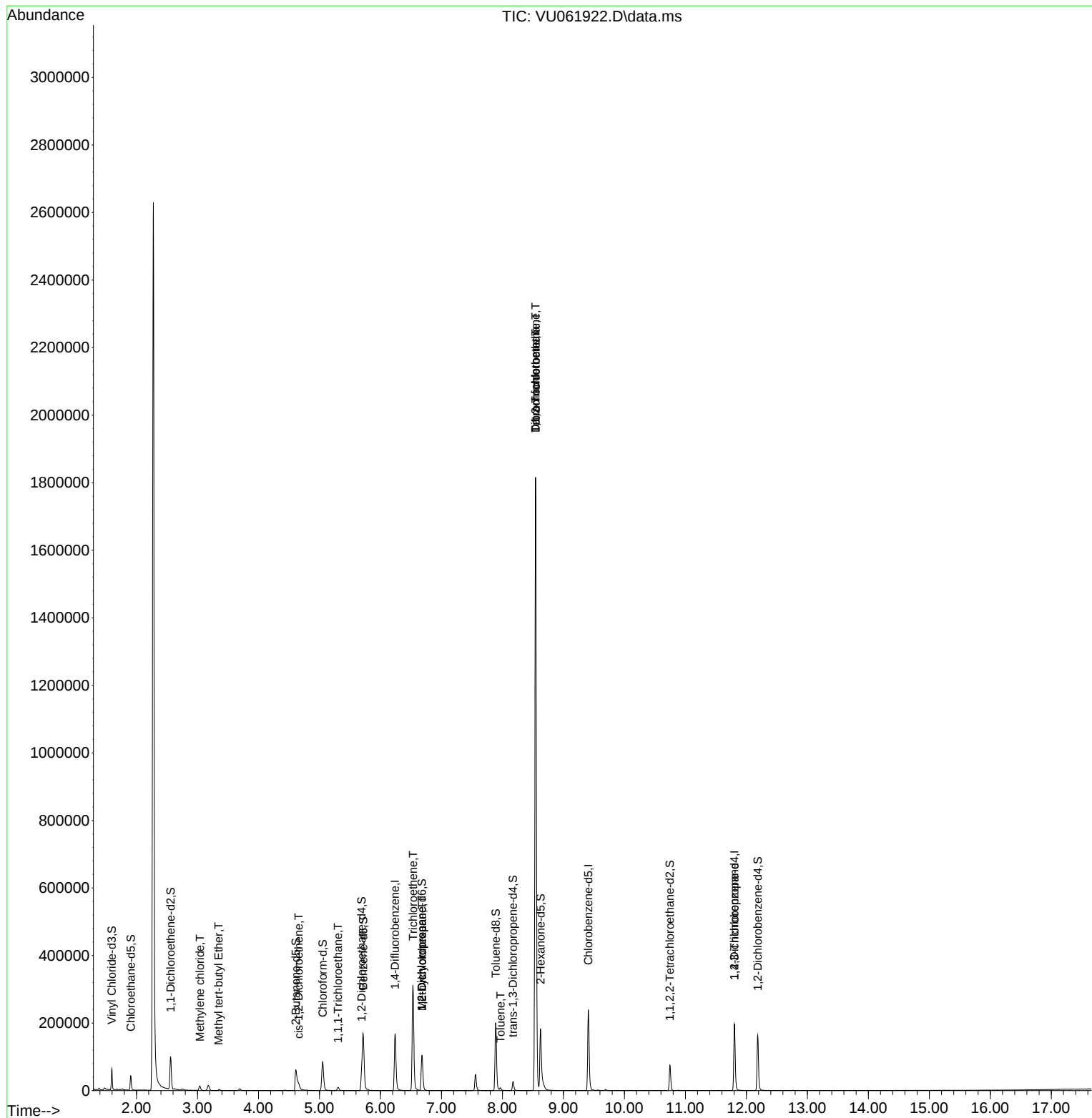
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	141786	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	135215	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	56473	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	42767	6.149	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	123.000%
7) Chloroethane-d5	1.907	69	32110	5.219	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.400%
11) 1,1-Dichloroethene-d2	2.560	65	18535	6.671	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	133.400%#
20) 2-Butanone-d5	4.612	46	93164	42.658	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.320%
24) Chloroform-d	5.052	84	82993	4.891	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.692	65	41716	4.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.718	84	164739	6.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	125.000%
36) 1,2-Dichloropropane-d6	6.679	67	53315	5.956	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.200%
41) Toluene-d8	7.891	98	142097	6.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	129.400%
43) trans-1,3-Dichloroprop...	8.174	79	17081	5.154	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.000%
46) 2-Hexanone-d5	8.624	63	64497	42.640	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.280%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	39369	4.401	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	45569	5.457	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.200%
Target Compounds						Qvalue
16) Methylene chloride	3.039	84	7294	0.639	ug/L	98
17) Methyl tert-butyl Ether	3.348	73	2978	0.122	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	6766	0.598	ug/L	94
29) 1,1,1-Trichloroethane	5.306	97	7578	0.486	ug/L	98
34) Trichloroethene	6.534	95	116121	10.655	ug/L	99
35) Methylcyclohexane	6.682	83	12573	0.754	ug/L #	19
37) 1,2-Dichloropropane	6.679	63	5370	0.506	ug/L #	87
42) Toluene	7.968	91	6042	0.141	ug/L	100
45) 1,1,2-Trichloroethane	8.544	97	3518	0.450	ug/L #	4
47) Tetrachloroethene	8.544	164	397085	50.096	ug/L	98
49) Dibromochloromethane	8.544	129	400376	48.493	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	6924	1.061	ug/L #	66

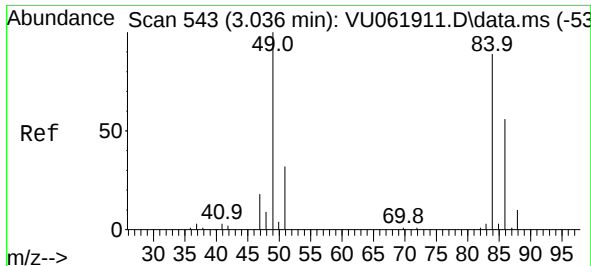
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
Data File : VU061922.D
Acq On : 21 Nov 2024 17:02
Operator : MD/SY
Sample : P4903-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 21 23:10:17 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

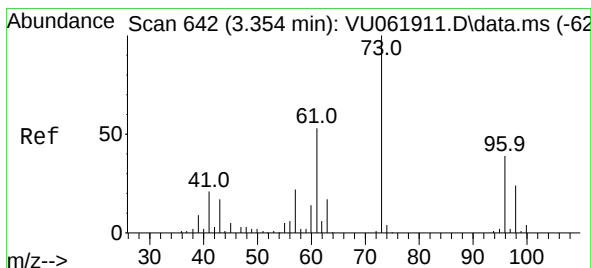
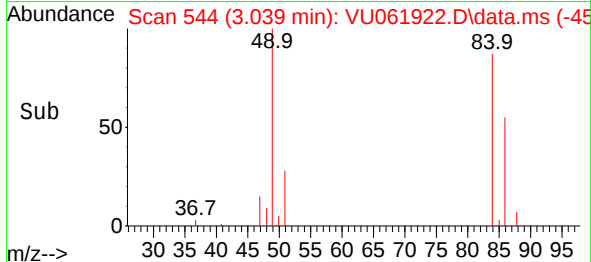
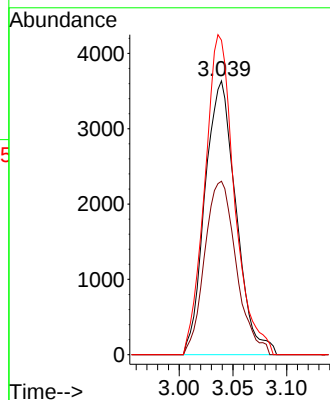
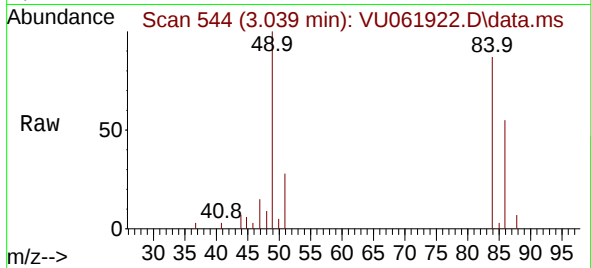




#16
Methylene chloride
Concen: 0.639 ug/L
RT: 3.039 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU061922.D
Acq: 21 Nov 2024 17:02

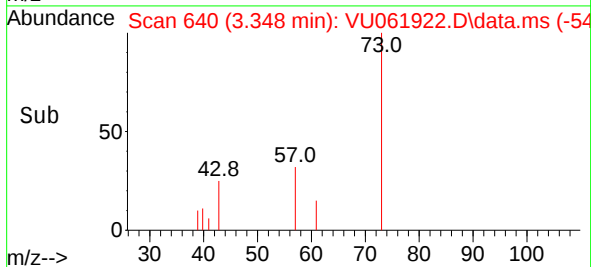
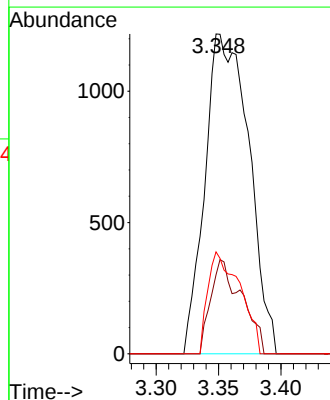
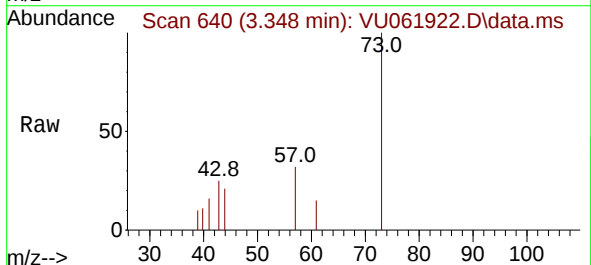
Instrument :
MSVOA_U
ClientSampleId :

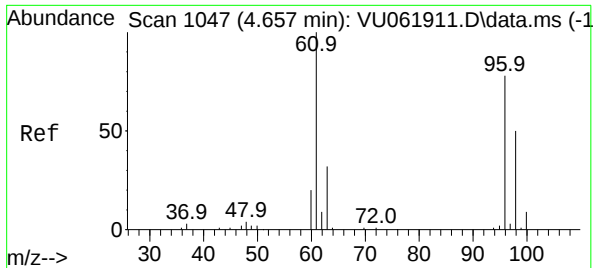
Tgt Ion: 84 Resp: 7294
Ion Ratio Lower Upper
84 100
86 63.3 43.5 80.7
49 114.8 81.9 152.1



#17
Methyl tert-butyl Ether
Concen: 0.122 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.006 min
Lab File: VU061922.D
Acq: 21 Nov 2024 17:02

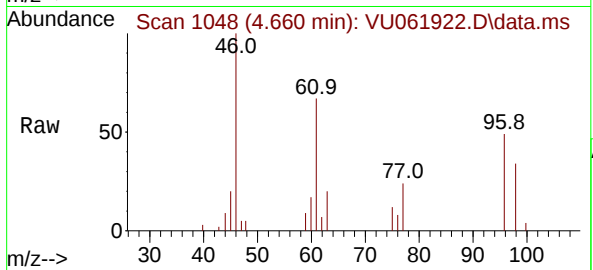
Tgt Ion: 73 Resp: 2978
Ion Ratio Lower Upper
73 100
43 20.9 16.3 24.5
57 23.4 17.1 25.7





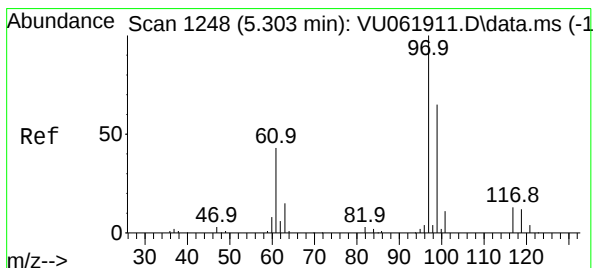
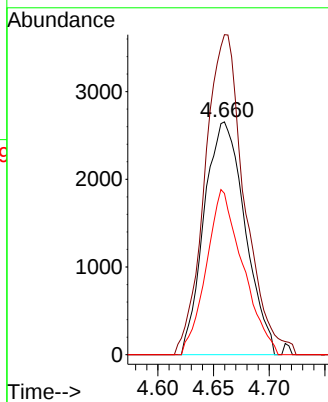
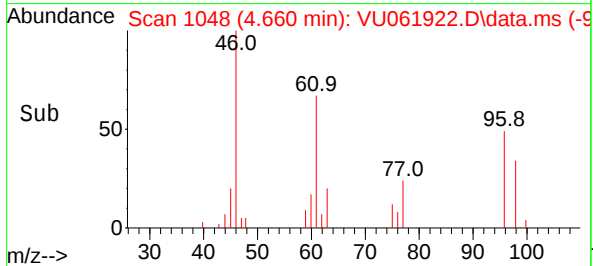
#22
 cis-1,2-Dichloroethene
 Concen: 0.598 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU061922.D
 Acq: 21 Nov 2024 17:02

Instrument :
 MSVOA_U
 ClientSampleId :

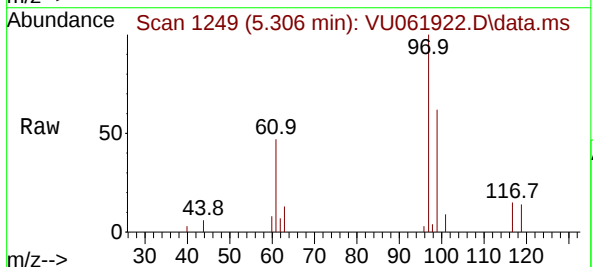


Tgt Ion: 96 Resp: 6766

Ion	Ratio	Lower	Upper
96	100		
61	137.4	92.0	170.8
98	69.3	44.5	82.7

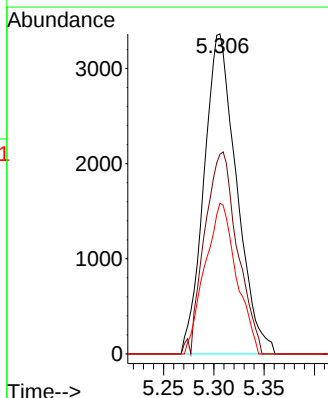
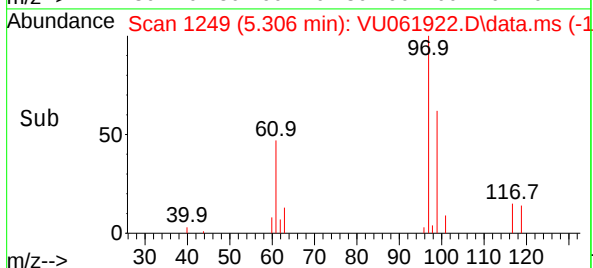


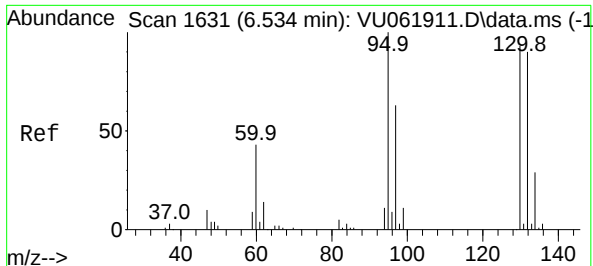
#29
 1,1,1-Trichloroethane
 Concen: 0.486 ug/L
 RT: 5.306 min Scan# 1249
 Delta R.T. 0.003 min
 Lab File: VU061922.D
 Acq: 21 Nov 2024 17:02



Tgt Ion: 97 Resp: 7578

Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.4	77.2
61	45.7	37.8	56.6





#34

Trichloroethene

Concen: 10.655 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU061922.D

Acq: 21 Nov 2024 17:02

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 116121

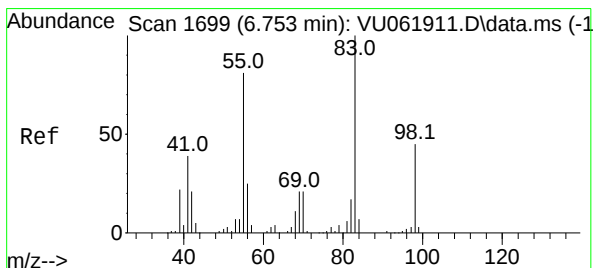
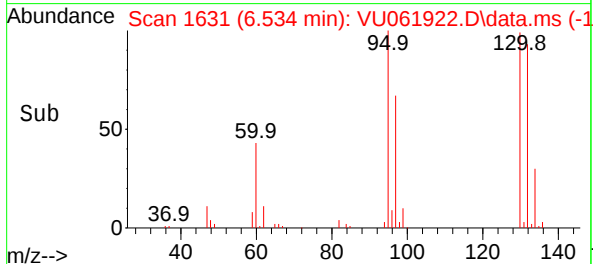
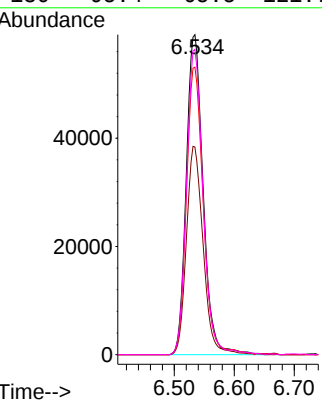
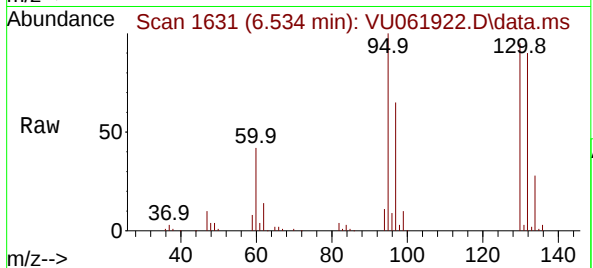
Ion Ratio Lower Upper

95 100

97 64.9 45.9 85.3

132 89.8 63.8 118.4

130 95.4 65.5 121.7



#35

Methylcyclohexane

Concen: 0.754 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.071 min

Lab File: VU061922.D

Acq: 21 Nov 2024 17:02

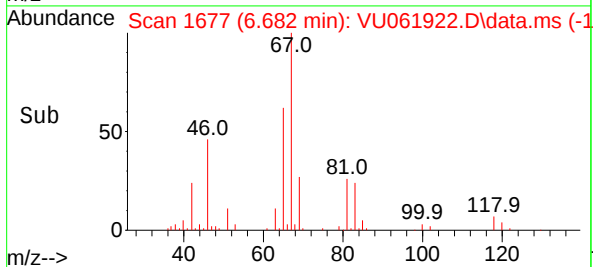
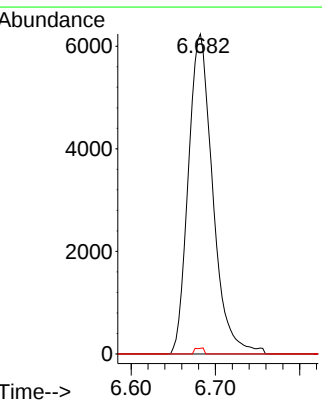
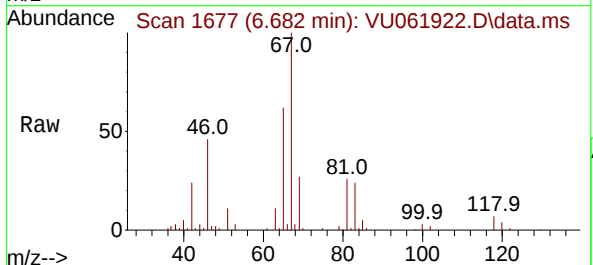
Tgt Ion: 83 Resp: 12573

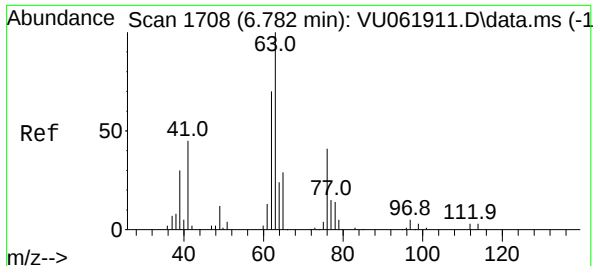
Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 0.0 34.8 52.2#

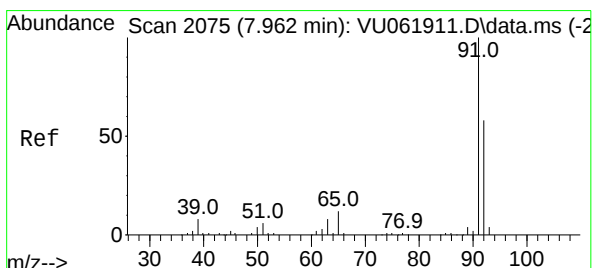
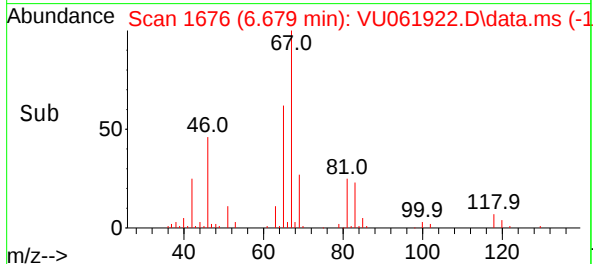
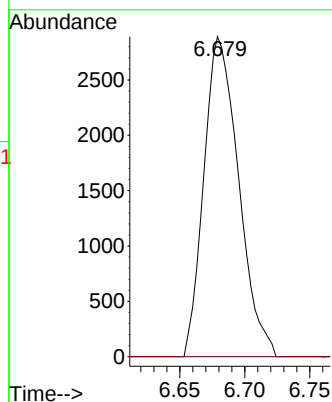
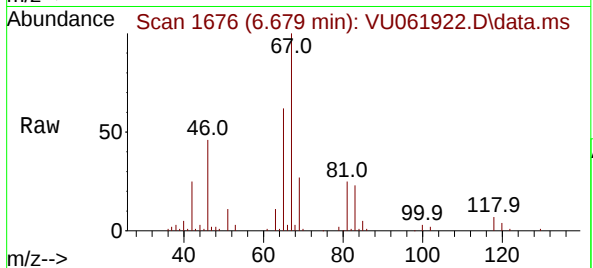




#37
1,2-Dichloropropane
Concen: 0.506 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU061922.D
Acq: 21 Nov 2024 17:02

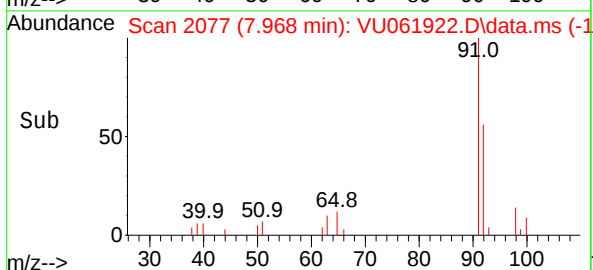
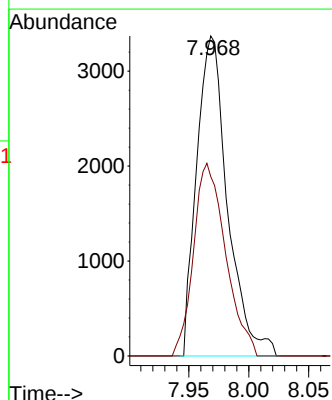
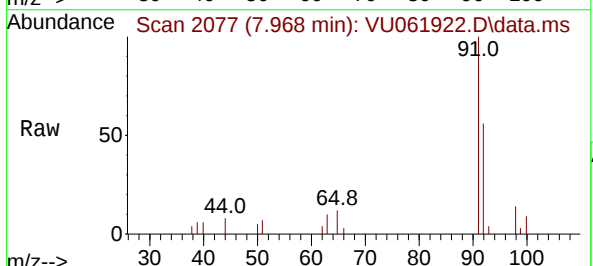
Instrument :
MSVOA_U
ClientSampleId :

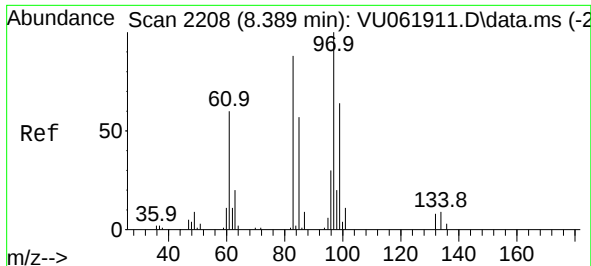
Tgt Ion: 63 Resp: 5370
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#42
Toluene
Concen: 0.141 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VU061922.D
Acq: 21 Nov 2024 17:02

Tgt Ion: 91 Resp: 6042
Ion Ratio Lower Upper
91 100
92 56.0 39.0 72.4

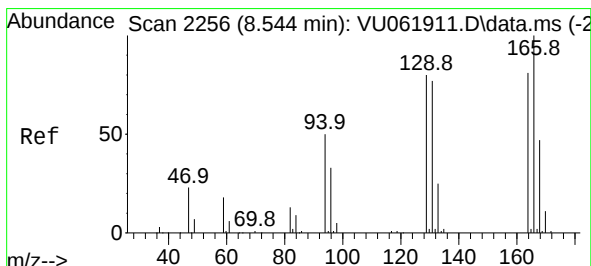
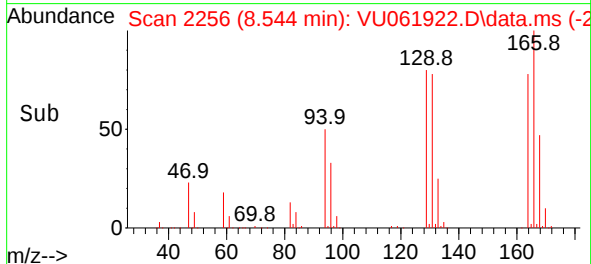
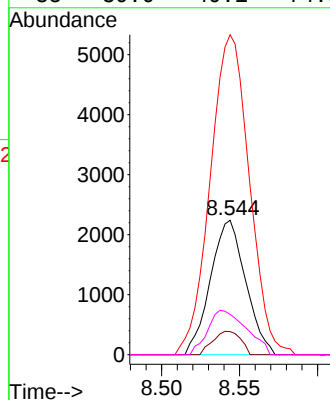
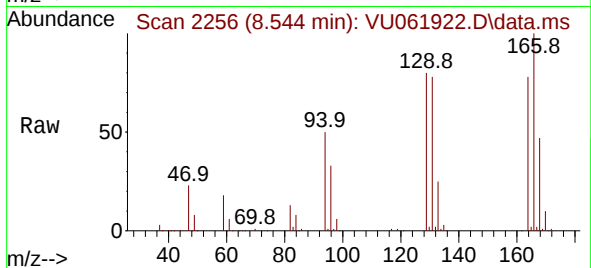




#45
1,1,2-Trichloroethane
Concen: 0.450 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.154 min
Lab File: VU061922.D
Acq: 21 Nov 2024 17:02

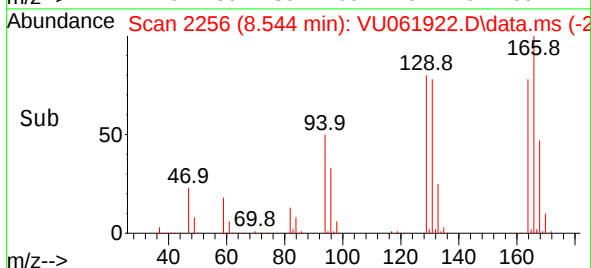
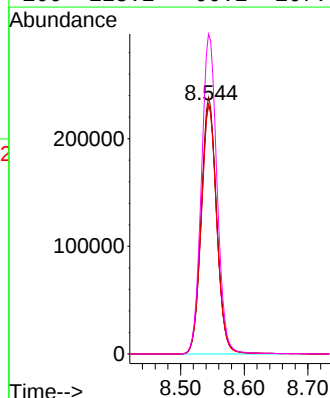
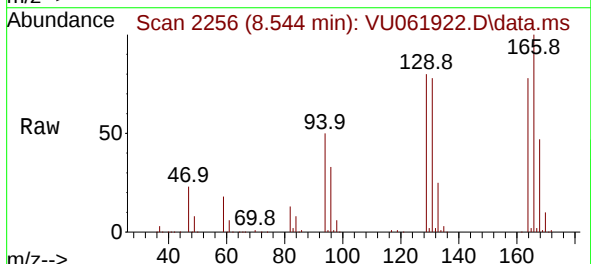
Instrument :
MSVOA_U
ClientSampleId :

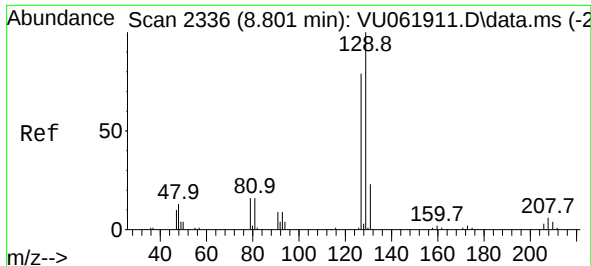
Tgt Ion: 97	Resp: 3518
Ion Ratio	Lower Upper
97	100
99	17.1 43.0 79.8#
83	238.2 61.7 114.5#
85	30.0 40.1 74.5#



#47
Tetrachloroethene
Concen: 50.096 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU061922.D
Acq: 21 Nov 2024 17:02

Tgt Ion: 164	Resp: 397085
Ion Ratio	Lower Upper
164	100
129	102.8 73.2 136.0
131	99.5 72.3 134.3
166	128.2 90.2 167.4





#49

Dibromochloromethane

Concen: 48.493 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU061922.D

Acq: 21 Nov 2024 17:02

Instrument :

MSVOA_U

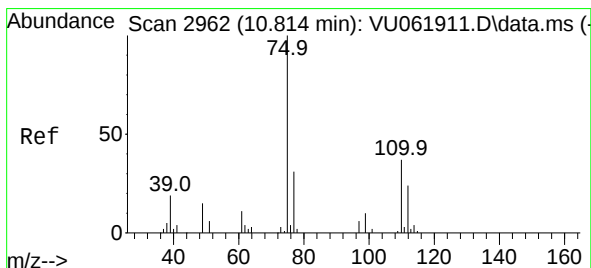
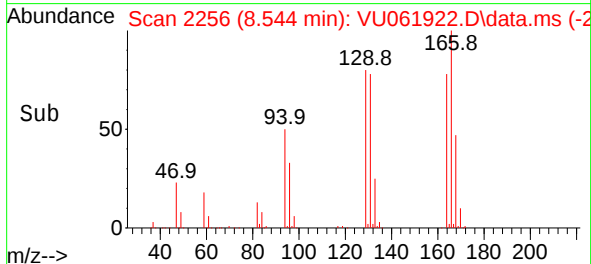
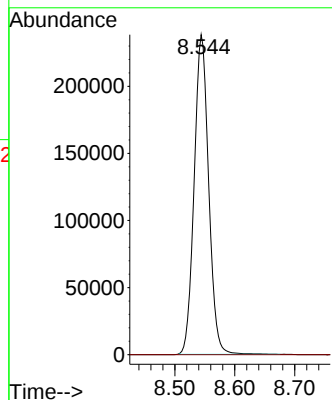
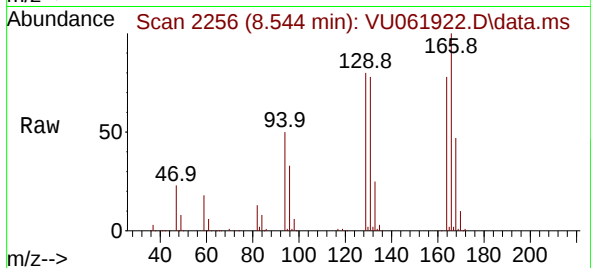
ClientSampleId :

Tgt Ion:129 Resp: 400376

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#



#61

1,2,3-Trichloropropane

Concen: 1.061 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU061922.D

Acq: 21 Nov 2024 17:02

Tgt Ion: 75 Resp: 6924

Ion Ratio Lower Upper

75 100

110 0.7 28.9 43.3#

77 30.5 26.5 39.7

