

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112224\
 Data File : VU061990.D
 Acq On : 22 Nov 2024 23:24
 Operator : MD/SY
 Sample : P4903-11
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 00:17:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 23 00:14:12 2024
 Response via : Initial Calibration

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

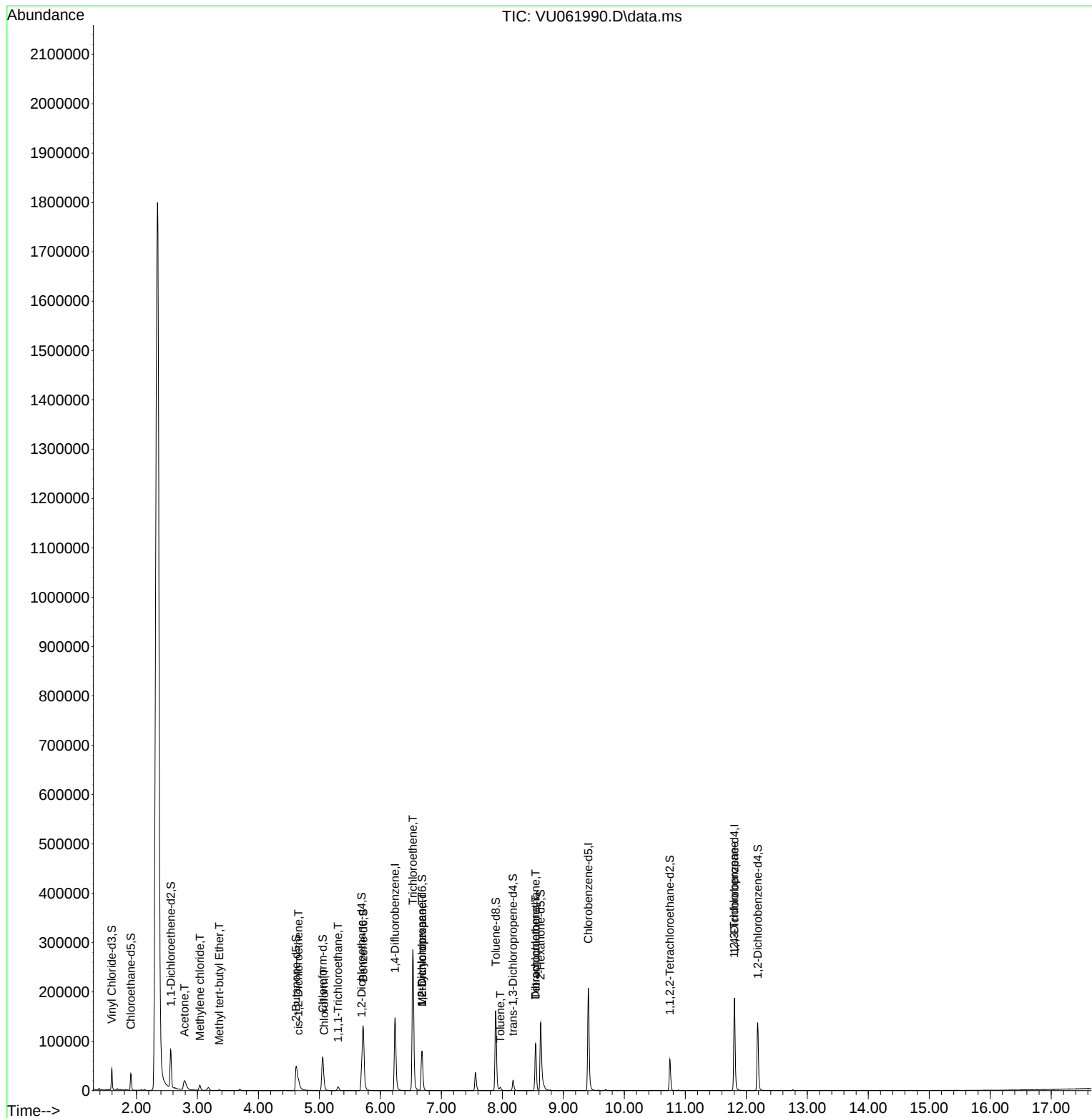
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	127450	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	119300	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	53323	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	30375	4.859	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.907	69	24399	4.412	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.563	65	14617	5.852	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	117.000%
20) 2-Butanone-d5	4.618	46	70104	35.710	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.420%
24) Chloroform-d	5.052	84	66983	4.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.692	65	35532	4.527	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.718	84	128469	5.527	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.600%
36) 1,2-Dichloropropane-d6	6.682	67	40485	5.126	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.891	98	113808	5.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.400%
43) trans-1,3-Dichloroprop...	8.174	79	13383	4.577	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.624	63	47980	35.952	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.900%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	31308	3.967	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	40105	5.086	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						Qvalue
13) Acetone	2.788	43	8579	6.329	ug/L	52
16) Methylene chloride	3.039	84	5398	0.526	ug/L	98
17) Methyl tert-butyl Ether	3.358	73	2343	0.107	ug/L #	88
22) cis-1,2-Dichloroethene	4.657	96	4859	0.478	ug/L	99
25) Chloroform	5.078	83	4347	0.236	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	6504	0.473	ug/L	93
34) Trichloroethene	6.531	95	106141	11.038	ug/L	98
35) Methylcyclohexane	6.682	83	9823	0.668	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	4352	0.465	ug/L #	87
42) Toluene	7.965	91	5296	0.140	ug/L	96
47) Tetrachloroethene	8.544	164	22102	3.160	ug/L	97
49) Dibromochloromethane	8.544	129	21853	3.000	ug/L #	13
61) 1,2,3-Trichloropropane	11.801	75	5664	0.919	ug/L #	67

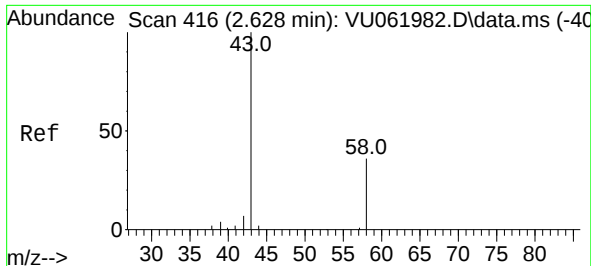
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.329 ug/L

RT: 2.788 min Scan# 416

Delta R.T. 0.161 min

Lab File: VU061990.D

Acq: 22 Nov 2024 23:24

Instrument :

MSVOA_U

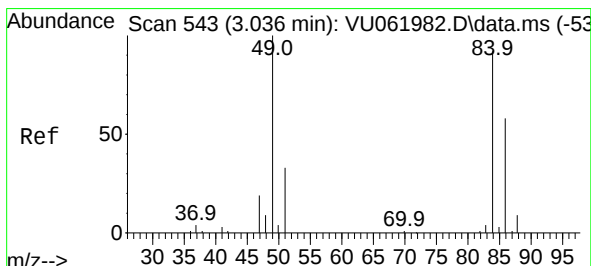
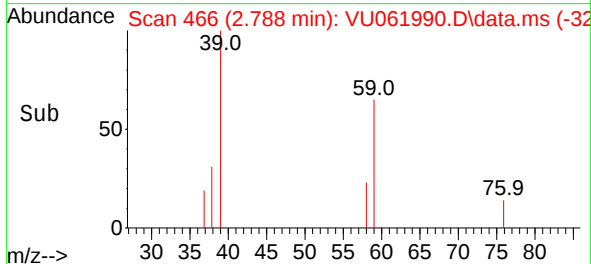
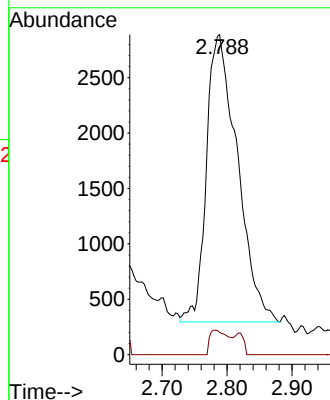
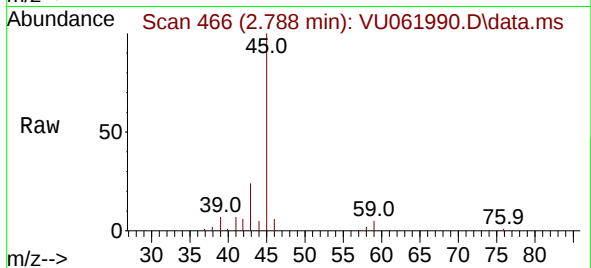
ClientSampleId :

Tgt Ion: 43 Resp: 8579

Ion Ratio Lower Upper

43 100

58 5.0 0.0 64.0



#16

Methylene chloride

Concen: 0.526 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU061990.D

Acq: 22 Nov 2024 23:24

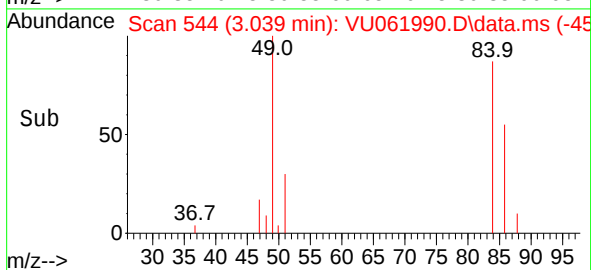
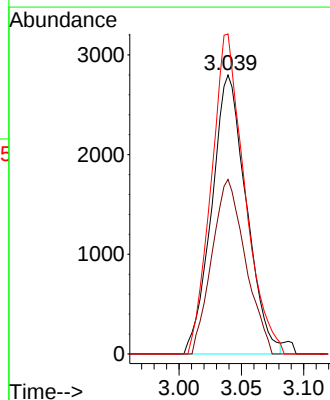
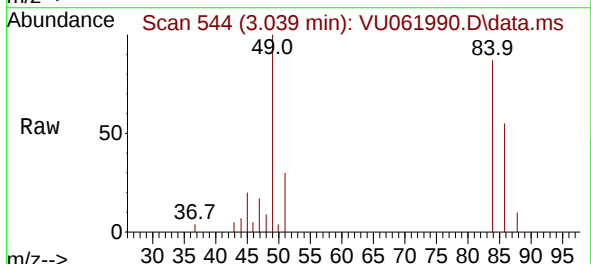
Tgt Ion: 84 Resp: 5398

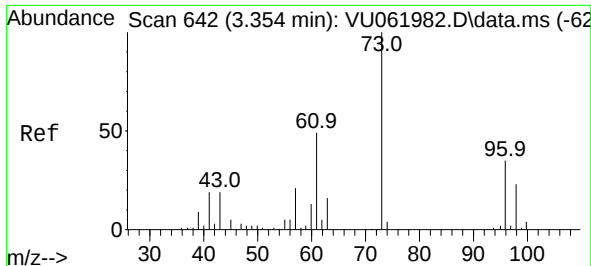
Ion Ratio Lower Upper

84 100

86 62.6 43.5 80.7

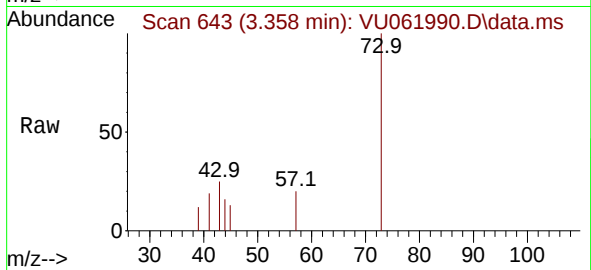
49 114.8 81.9 152.1



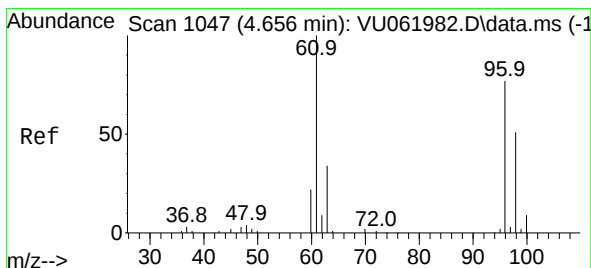
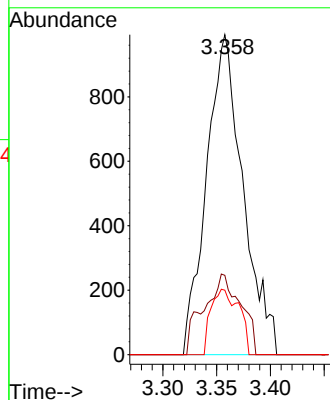
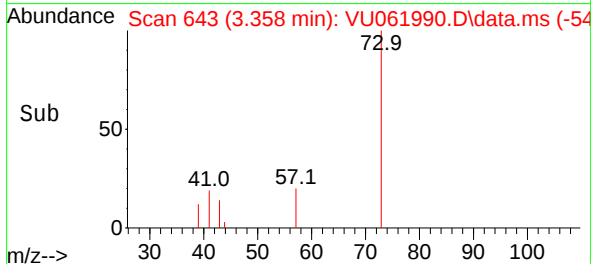


#17
Methyl tert-butyl Ether
Concen: 0.107 ug/L
RT: 3.358 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU061990.D
Acq: 22 Nov 2024 23:24

Instrument :
MSVOA_U
ClientSampleId :

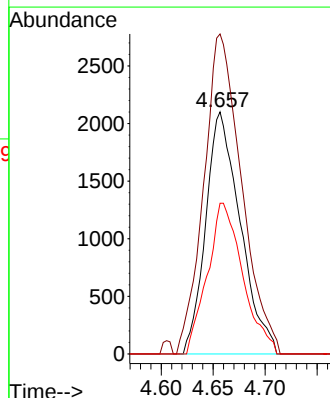
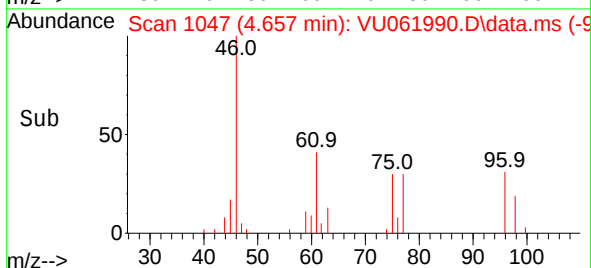
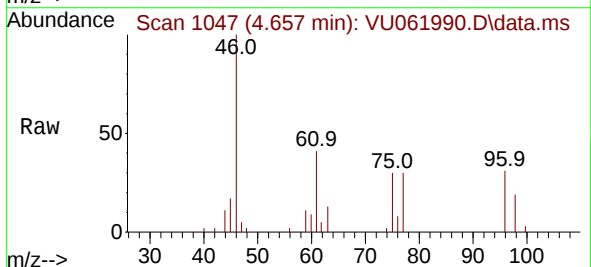


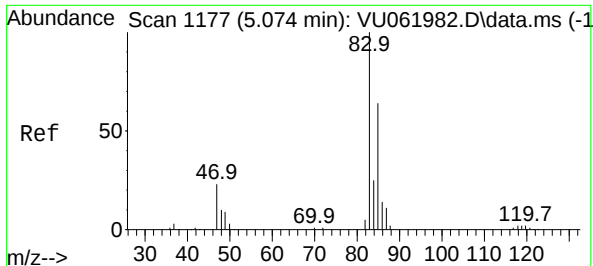
Tgt Ion: 73 Resp: 2343
Ion Ratio Lower Upper
73 100
43 25.4 16.3 24.5#
57 15.6 17.1 25.7#



#22
cis-1,2-Dichloroethene
Concen: 0.478 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU061990.D
Acq: 22 Nov 2024 23:24

Tgt Ion: 96 Resp: 4859
Ion Ratio Lower Upper
96 100
61 132.2 92.0 170.8
98 62.2 44.5 82.7

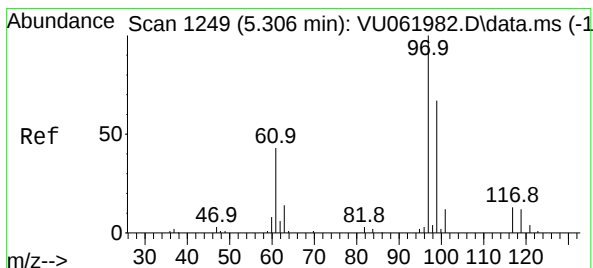
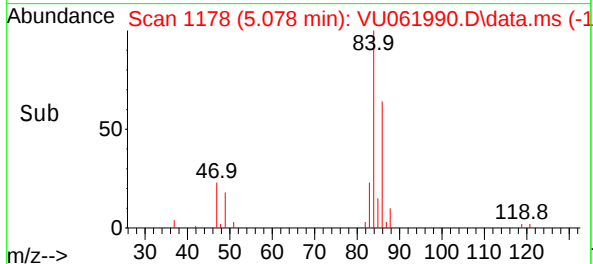
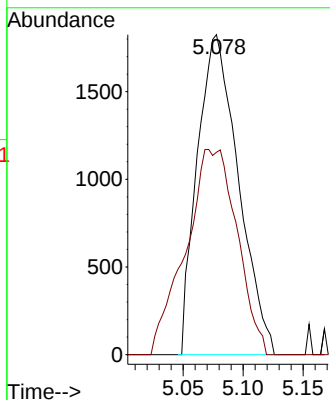
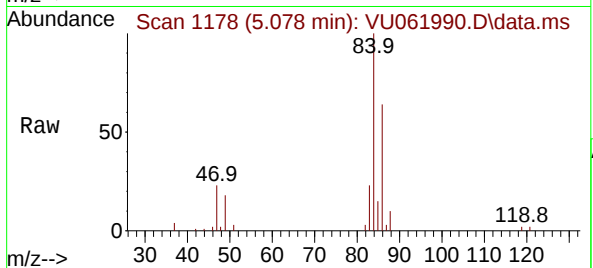




#25
Chloroform
Concen: 0.236 ug/L
RT: 5.078 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VU061990.D
Acq: 22 Nov 2024 23:24

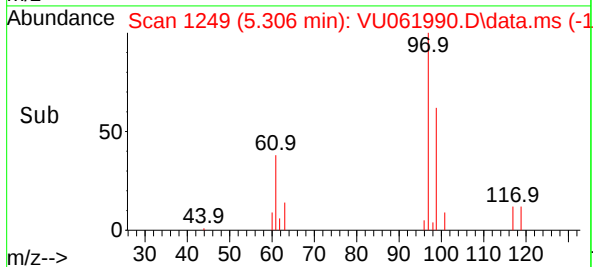
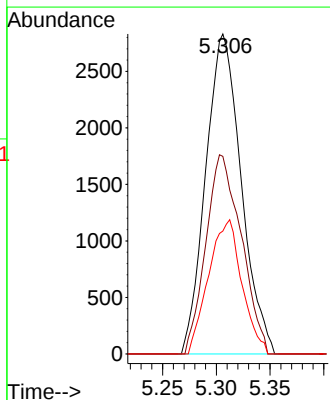
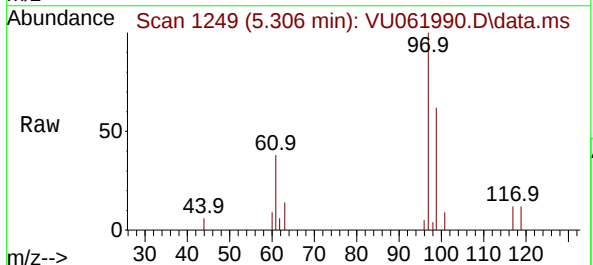
Instrument :
MSVOA_U
ClientSampleId :

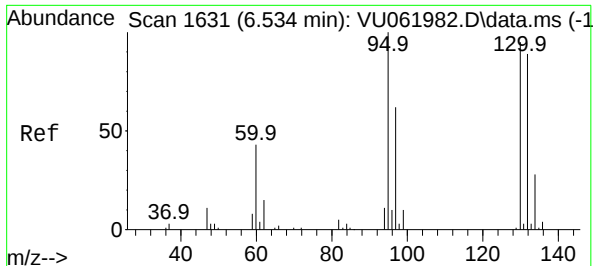
Tgt Ion: 83 Resp: 4347
Ion Ratio Lower Upper
83 100
85 63.2 45.4 84.2



#29
1,1,1-Trichloroethane
Concen: 0.473 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061990.D
Acq: 22 Nov 2024 23:24

Tgt Ion: 97 Resp: 6504
Ion Ratio Lower Upper
97 100
99 62.0 51.4 77.2
61 39.4 37.8 56.6





#34

Trichloroethene

Concen: 11.038 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU061990.D

Acq: 22 Nov 2024 23:24

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 106141

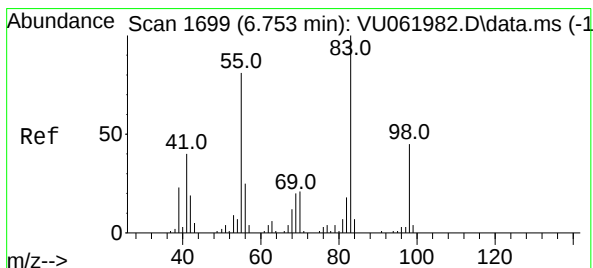
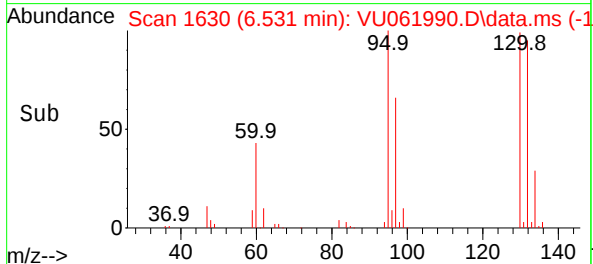
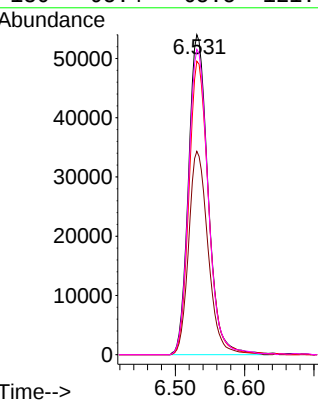
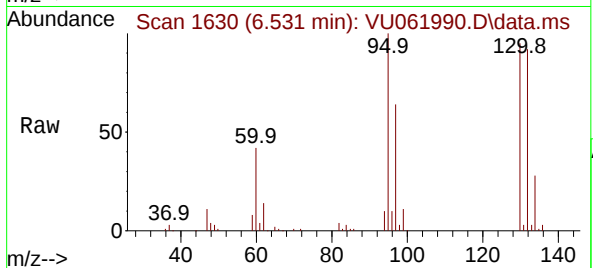
Ion Ratio Lower Upper

95 100

97 63.5 45.9 85.3

132 91.7 63.8 118.4

130 95.4 65.5 121.7



#35

Methylcyclohexane

Concen: 0.668 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.071 min

Lab File: VU061990.D

Acq: 22 Nov 2024 23:24

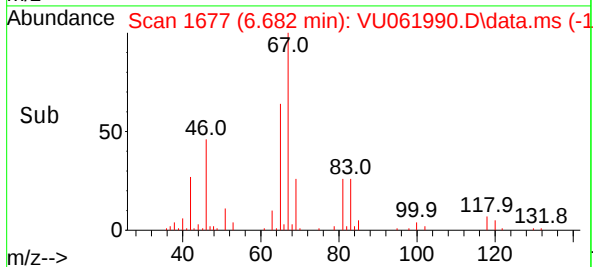
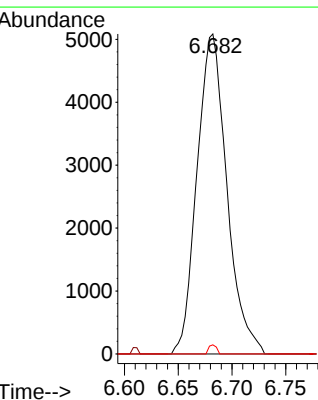
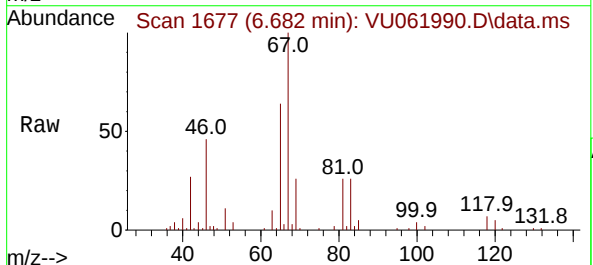
Tgt Ion: 83 Resp: 9823

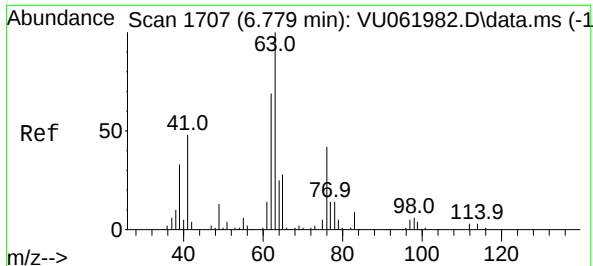
Ion Ratio Lower Upper

83 100

55 0.4 60.7 91.1#

98 1.5 34.8 52.2#

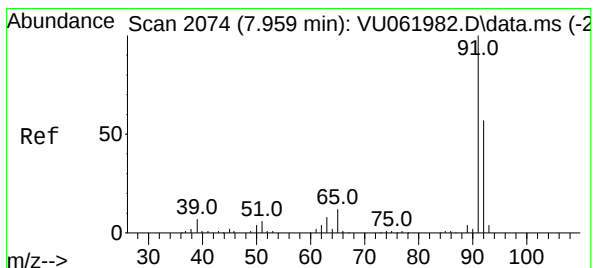
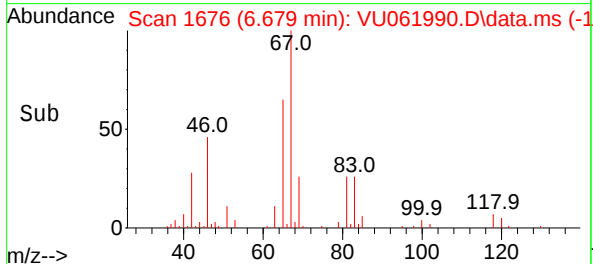
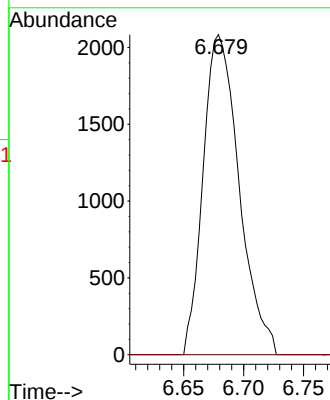
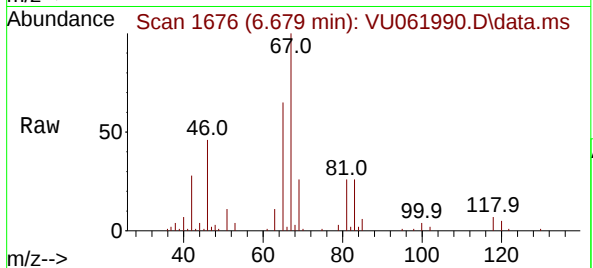




#37
1,2-Dichloropropane
Concen: 0.465 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU061990.D
Acq: 22 Nov 2024 23:24

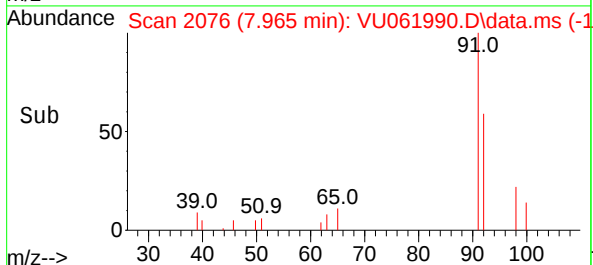
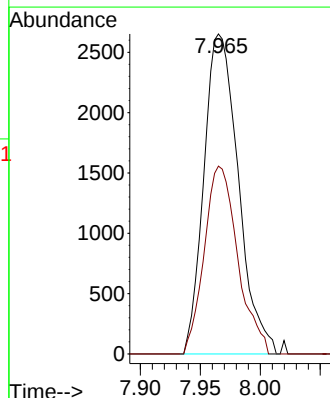
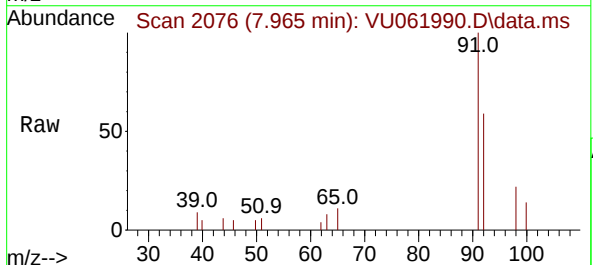
Instrument :
MSVOA_U
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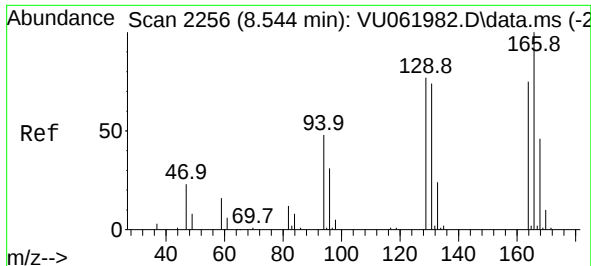
Tgt Ion: 63 Resp: 4352
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#42
Toluene
Concen: 0.140 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.006 min
Lab File: VU061990.D
Acq: 22 Nov 2024 23:24

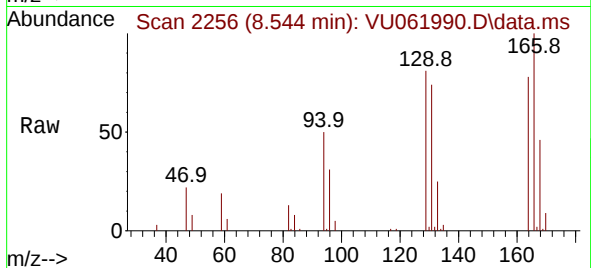
Tgt Ion: 91 Resp: 5296
Ion Ratio Lower Upper
91 100
92 58.7 39.0 72.4



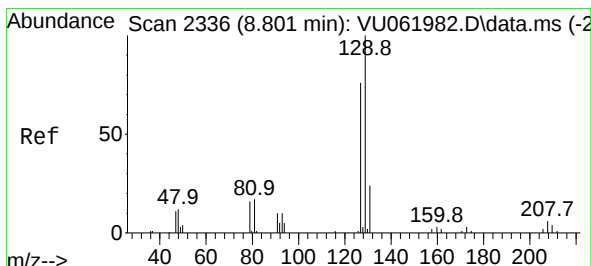
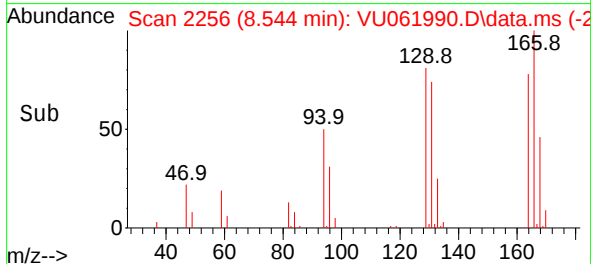
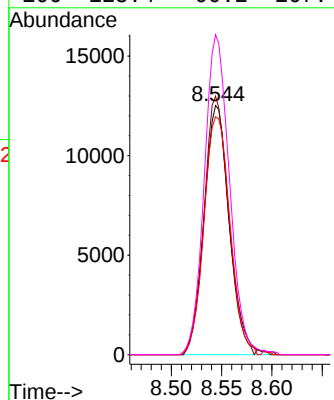


#47
Tetrachloroethene
Concen: 3.160 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU061990.D
Acq: 22 Nov 2024 23:24

Instrument :
MSVOA_U
ClientSampleId :

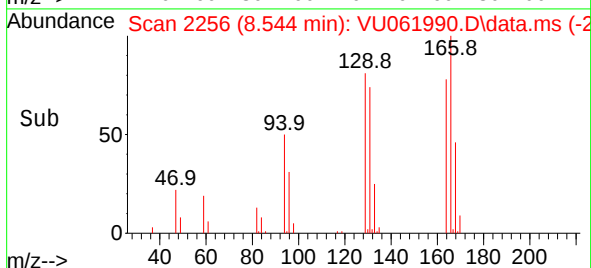
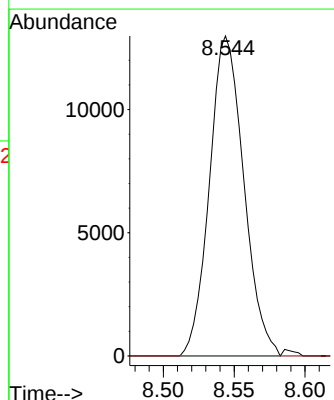
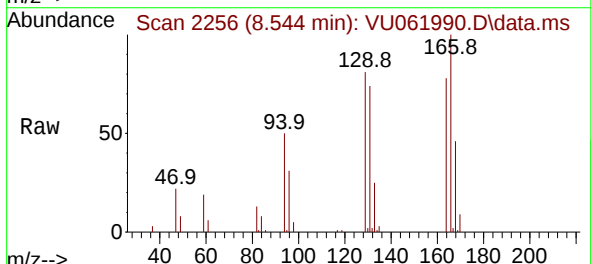


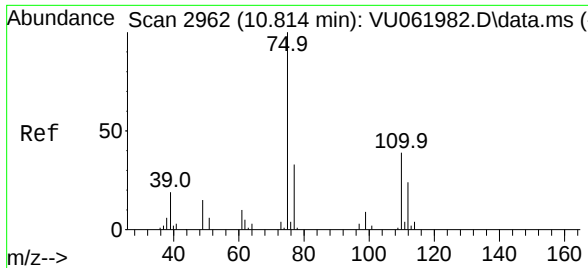
Tgt Ion:164 Resp: 22102
Ion Ratio Lower Upper
164 100
129 103.8 73.2 136.0
131 95.5 72.3 134.3
166 128.4 90.2 167.4



#49
Dibromochloromethane
Concen: 3.000 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.257 min
Lab File: VU061990.D
Acq: 22 Nov 2024 23:24

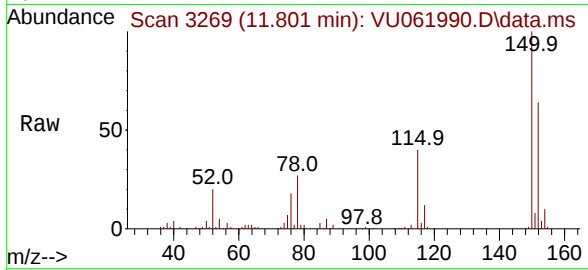
Tgt Ion:129 Resp: 21853
Ion Ratio Lower Upper
129 100
127 0.0 51.1 94.9#





#61
1,2,3-Trichloropropane
Concen: 0.919 ug/L
RT: 11.801 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU061990.D
Acq: 22 Nov 2024 23:24

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 5664
Ion Ratio Lower Upper
75 100
110 2.0 28.9 43.3#
77 35.8 26.5 39.7

