

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110624\
 Data File : VU061492.D
 Acq On : 06 Nov 2024 11:13
 Operator : MD/SY
 Sample : P4714-08
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 07 00:50:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 07 00:10:32 2024
 Response via : Initial Calibration

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

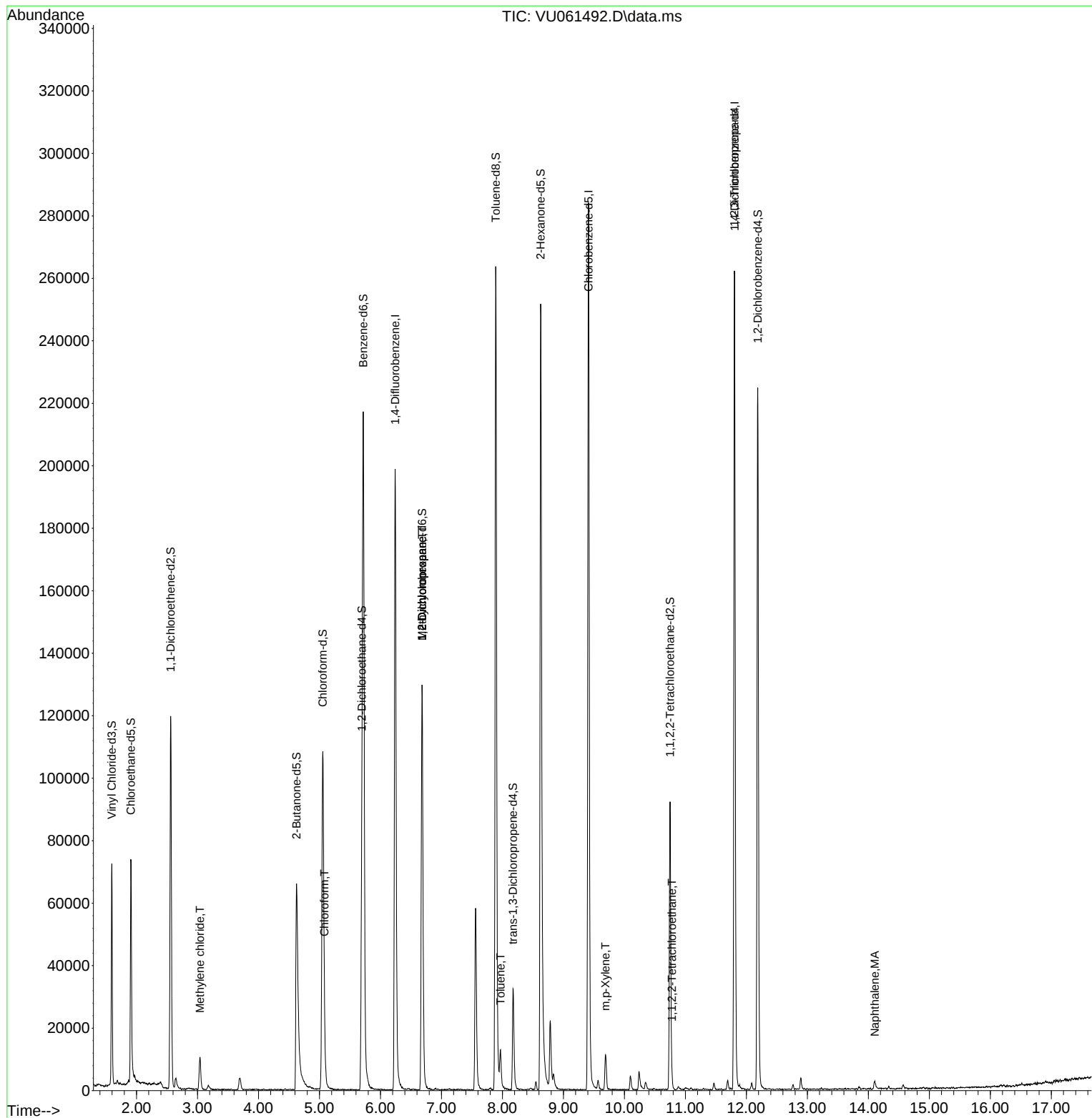
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	172316	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	163532	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	71637	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	48286	4.125	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.907	69	50736	4.728	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.560	65	22378	4.468	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	4.624	46	103612	43.598	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.200%
24) Chloroform-d	5.055	84	100354	4.517	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.695	65	50944	4.600	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.718	84	210582	4.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.682	67	63381	4.575	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.891	98	187601	4.354	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	8.174	79	20116	3.557	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.200%
46) 2-Hexanone-d5	8.627	63	94364	40.743	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.480%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	46416	4.431	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	60919	4.802	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						Qvalue
16) Methylene chloride	3.039	84	5257	0.438	ug/L	91
25) Chloroform	5.081	83	10062	0.450	ug/L	98
35) Methylcyclohexane	6.682	83	14588	0.666	ug/L #	22
37) 1,2-Dichloropropane	6.682	63	7028	0.548	ug/L #	89
42) Toluene	7.968	91	9879	0.180	ug/L	98
53) m,p-Xylene	9.688	106	3835	0.167	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	1930	0.174	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	9013	1.263	ug/L #	68
71) Naphthalene	14.106	128	3884	0.193	ug/L	96

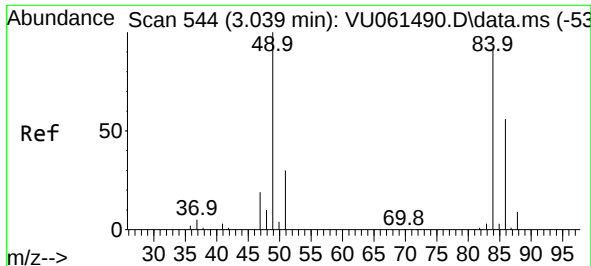
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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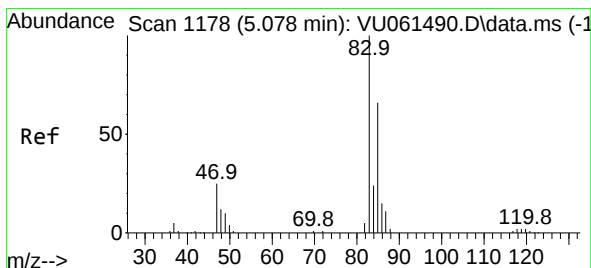
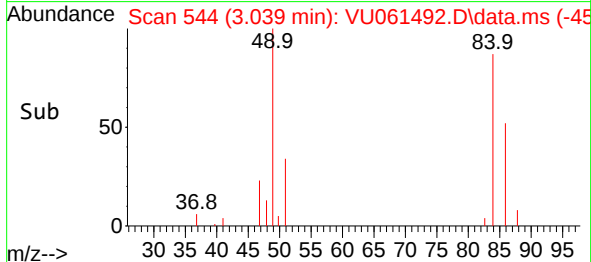
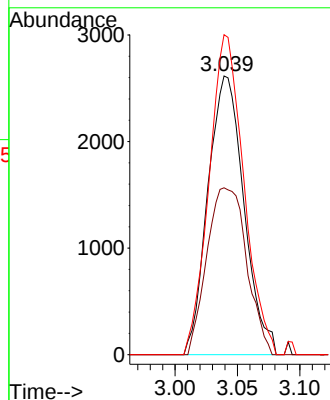
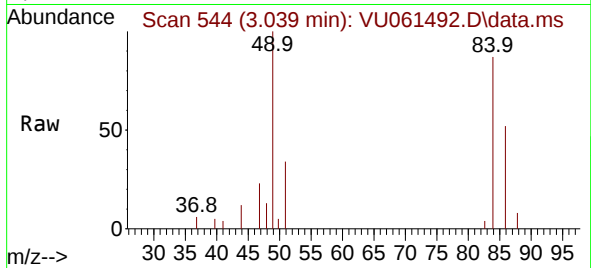




#16
Methylene chloride
Concen: 0.438 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU061492.D
Acq: 06 Nov 2024 11:13

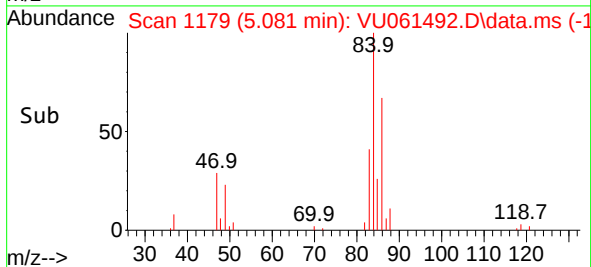
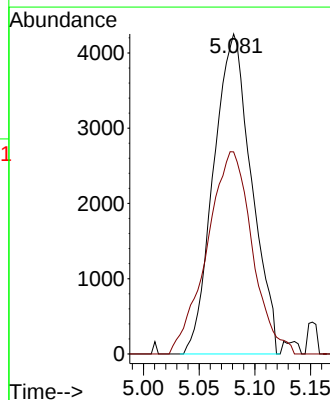
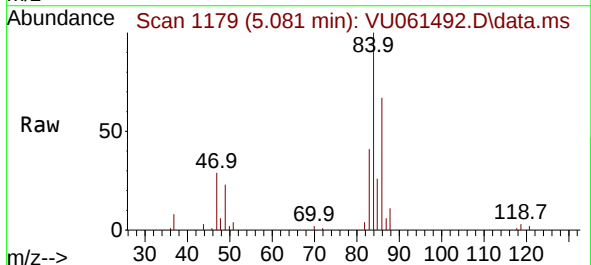
Instrument :
MSVOA_U
ClientSampleId :

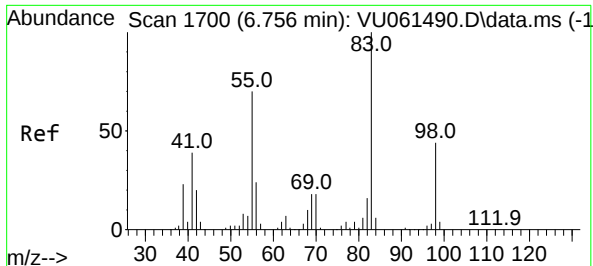
Tgt Ion: 84 Resp: 5257
Ion Ratio Lower Upper
84 100
86 59.9 43.5 80.7
49 120.6 75.7 140.7



#25
Chloroform
Concen: 0.450 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VU061492.D
Acq: 06 Nov 2024 11:13

Tgt Ion: 83 Resp: 10062
Ion Ratio Lower Upper
83 100
85 63.1 45.6 84.6





#35

Methylcyclohexane

Concen: 0.666 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU061492.D

Acq: 06 Nov 2024 11:13

Instrument :

MSVOA_U

ClientSampleId :

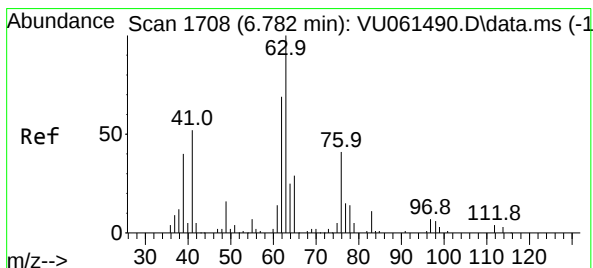
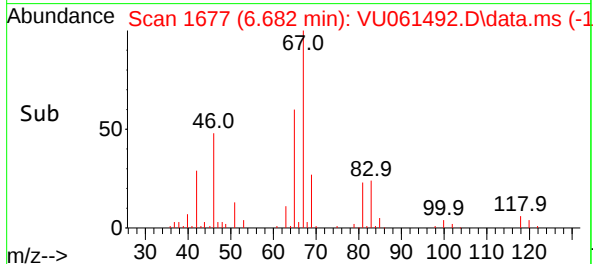
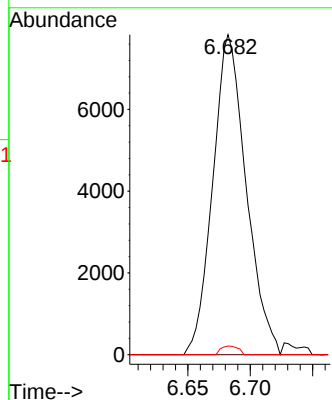
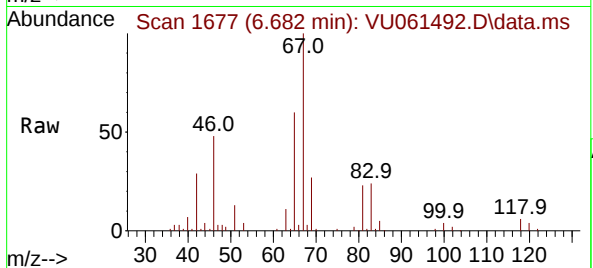
Tgt Ion: 83 Resp: 14588

Ion Ratio Lower Upper

83 100

55 0.0 55.9 83.9#

98 1.4 35.9 53.9#



#37

1,2-Dichloropropane

Concen: 0.548 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU061492.D

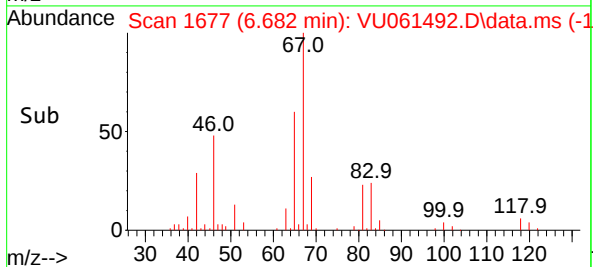
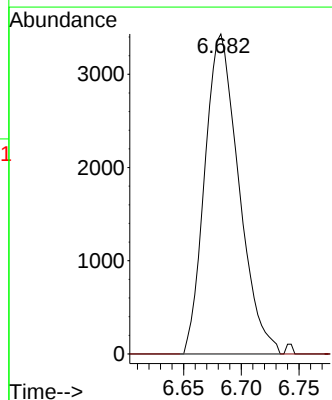
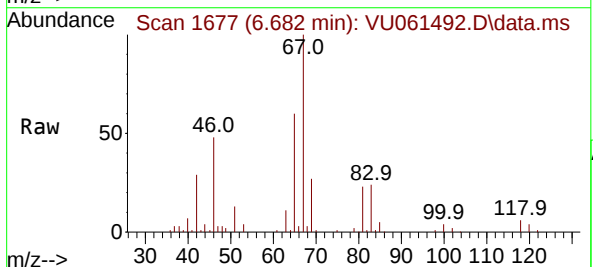
Acq: 06 Nov 2024 11:13

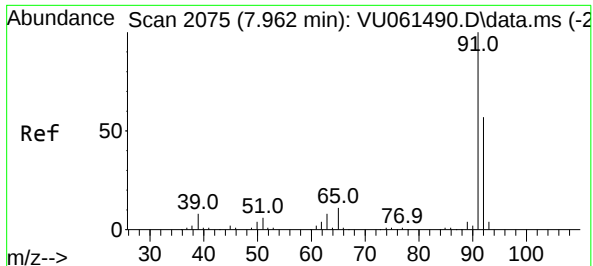
Tgt Ion: 63 Resp: 7028

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#

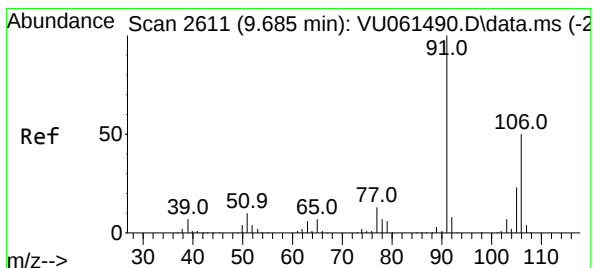
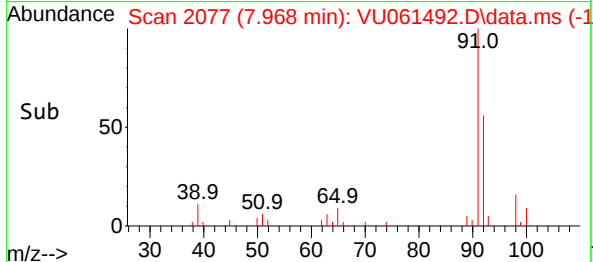
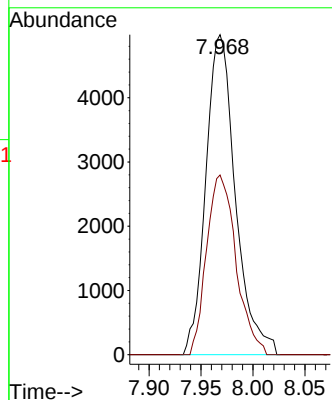
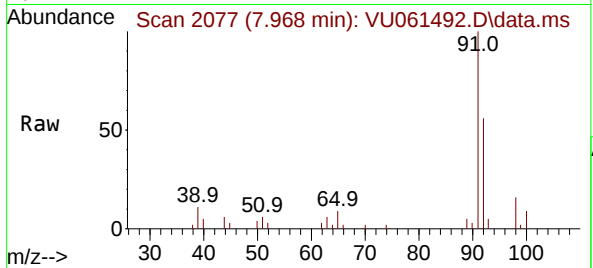




#42
Toluene
Concen: 0.180 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VU061492.D
Acq: 06 Nov 2024 11:13

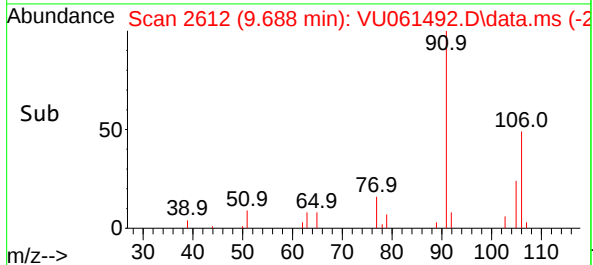
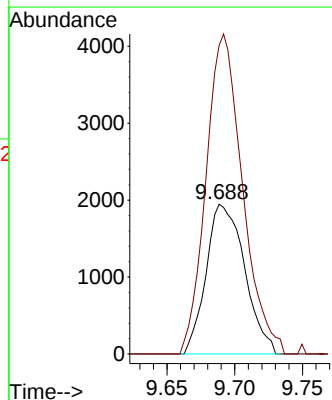
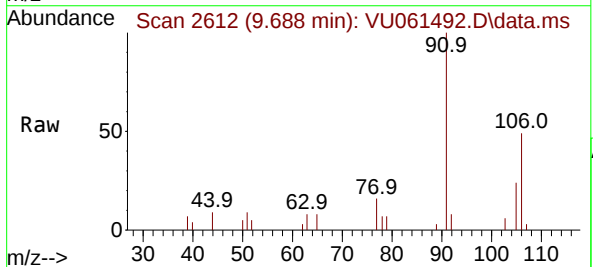
Instrument :
MSVOA_U
ClientSampleId :

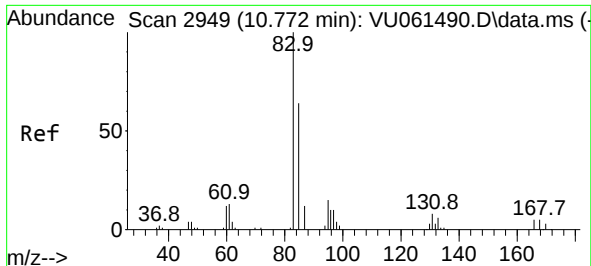
Tgt Ion: 91 Resp: 9879
Ion Ratio Lower Upper
91 100
92 56.1 40.3 74.8



#53
m,p-Xylene
Concen: 0.167 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU061492.D
Acq: 06 Nov 2024 11:13

Tgt Ion: 106 Resp: 3835
Ion Ratio Lower Upper
106 100
91 206.0 145.7 270.7





#57

1,1,2,2-Tetrachloroethane

Concen: 0.174 ug/L

RT: 10.778 min Scan# 2949

Delta R.T. 0.006 min

Lab File: VU061492.D

Acq: 06 Nov 2024 11:13

Instrument :

MSVOA_U

ClientSampleId :

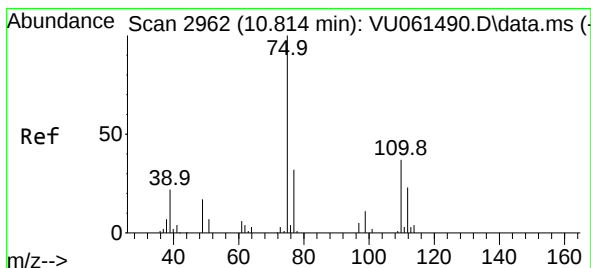
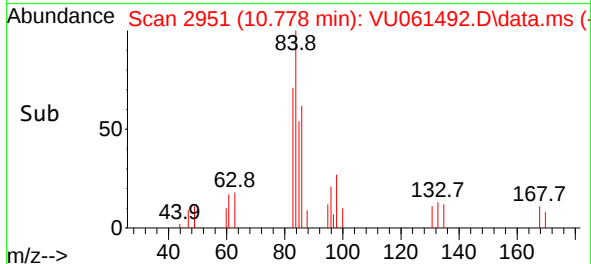
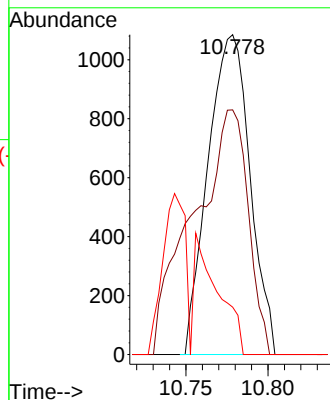
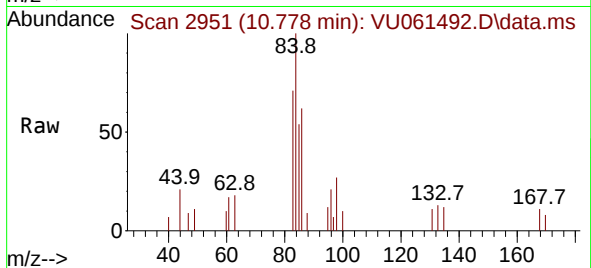
Tgt Ion: 83 Resp: 1930

Ion Ratio Lower Upper

83 100

85 76.5 45.3 84.1

131 14.8 7.6 11.4#



#61

1,2,3-Trichloropropane

Concen: 1.263 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU061492.D

Acq: 06 Nov 2024 11:13

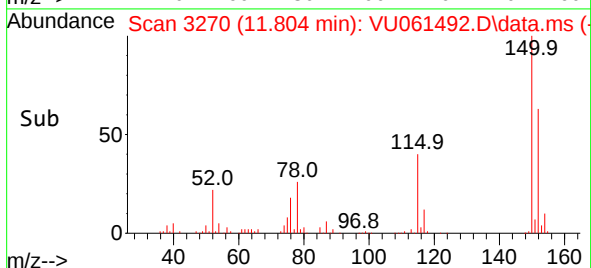
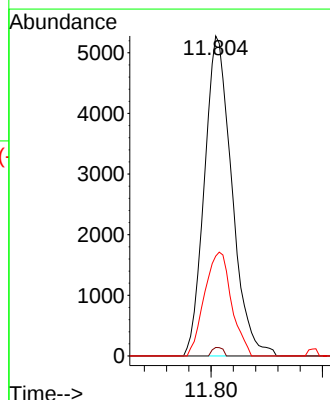
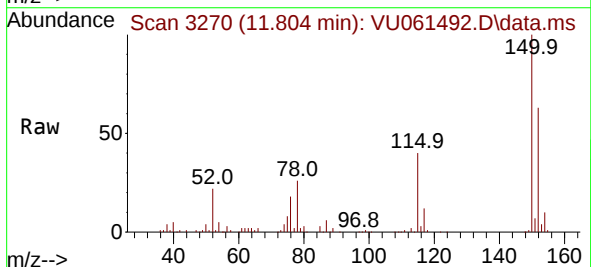
Tgt Ion: 75 Resp: 9013

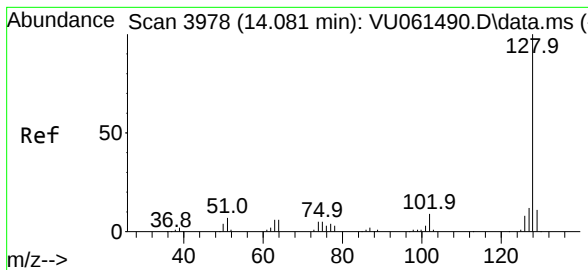
Ion Ratio Lower Upper

75 100

110 1.1 28.8 43.2#

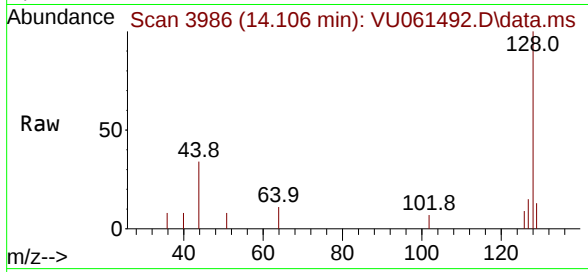
77 31.9 25.7 38.5





#71
Naphthalene
Concen: 0.193 ug/L
RT: 14.106 min Scan# 3986
Delta R.T. 0.026 min
Lab File: VU061492.D
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Tgt Ion:	128	Resp:	3884
Ion	Ratio	Lower	Upper
128	100		
129	9.8	9.0	13.4
127	10.8	10.0	15.0

