

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111124\
 Data File : VU061588.D
 Acq On : 11 Nov 2024 17:30
 Operator : MD/SY
 Sample : P4748-21
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 12 03:47:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 12 03:43:56 2024
 Response via : Initial Calibration

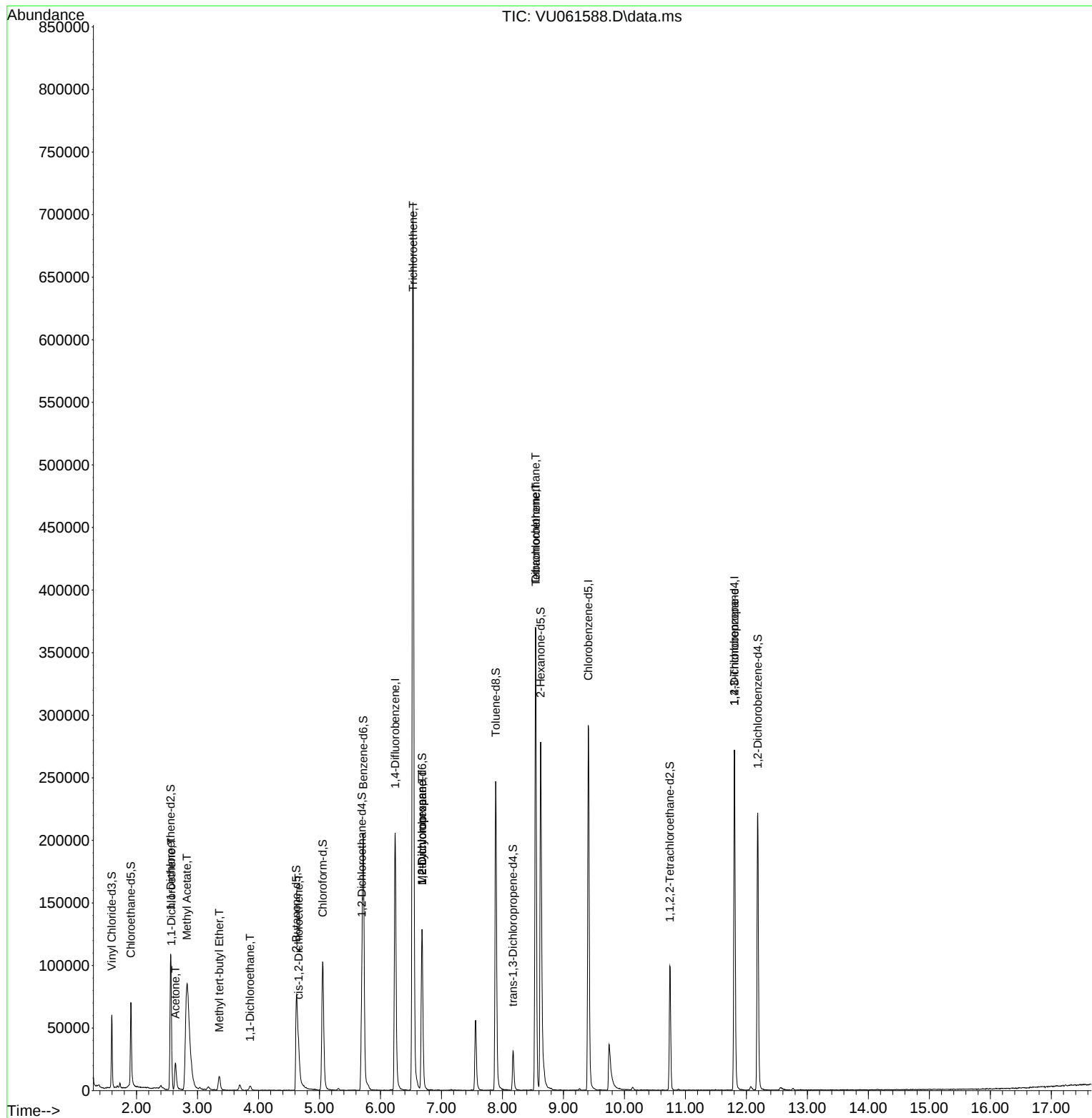
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	180773	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	173278	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	77035	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	40234	3.276	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.600%
7) Chloroethane-d5	1.907	69	46797	4.157	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.560	65	19998	3.806	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	4.621	46	118328	47.460	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.920%
24) Chloroform-d	5.052	84	98458	4.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.695	65	51684	4.449	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.717	84	202369	4.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	6.682	67	63728	4.342	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.891	98	176855	3.874	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
43) trans-1,3-Dichloroprop...	8.174	79	19411	3.240	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.800%
46) 2-Hexanone-d5	8.627	63	102877	41.920	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.840%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	49204	4.433	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	59963	4.396	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	2363	0.221	ug/L #	1
13) Acetone	2.637	43	27989	17.724	ug/L	95
15) Methyl Acetate	2.827	43	61230	15.659	ug/L #	47
17) Methyl tert-butyl Ether	3.357	73	13290	0.459	ug/L	96
19) 1,1-Dichloroethane	3.862	63	4686	0.210	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	9187	0.681	ug/L	95
34) Trichloroethene	6.534	95	251169	17.230	ug/L	99
35) Methylcyclohexane	6.682	83	14957	0.645	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	6734	0.496	ug/L #	89
47) Tetrachloroethene	8.547	164	80793	7.935	ug/L	98
49) Dibromochloromethane	8.544	129	78896	7.116	ug/L #	12
61) 1,2,3-Trichloropropane	11.804	75	9296	1.211	ug/L #	68

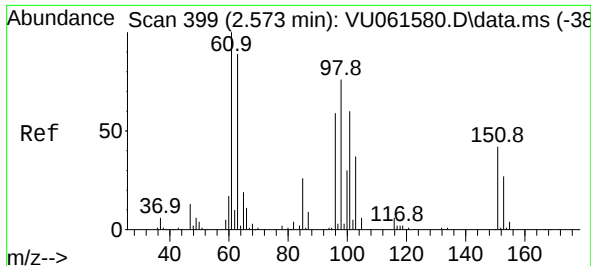
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.221 ug/L

RT: 2.570 min Scan# 399

Delta R.T. -0.003 min

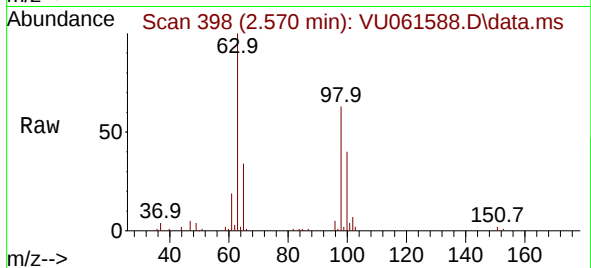
Lab File: VU061588.D

Acq: 11 Nov 2024 17:30

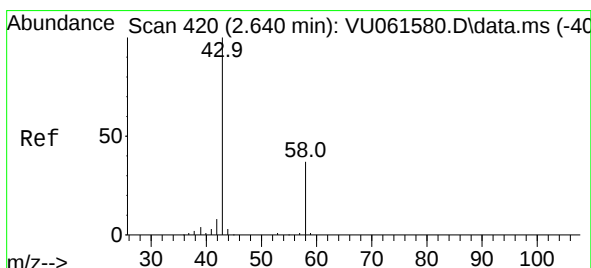
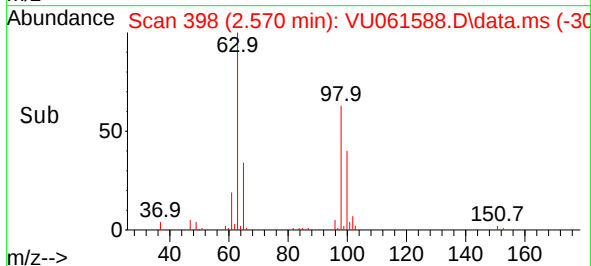
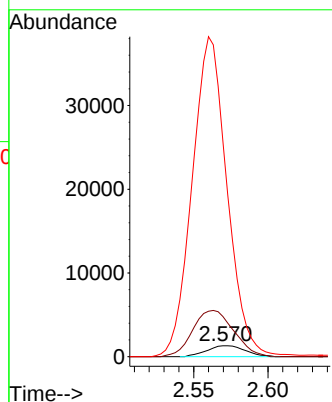
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	96	Resp:	2363
Ion	Ratio	Lower	Upper
96	100		
61	366.7	119.1	221.1#
63	1962.7	89.4	166.0#



#13

Acetone

Concen: 17.724 ug/L

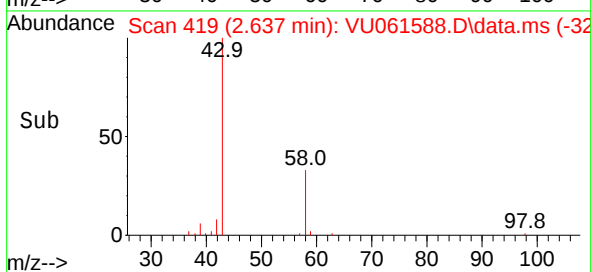
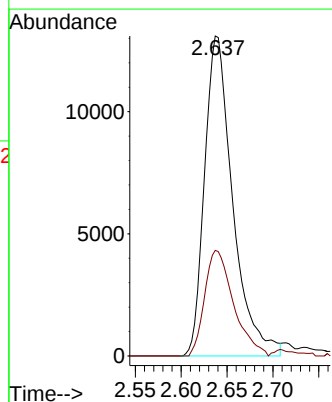
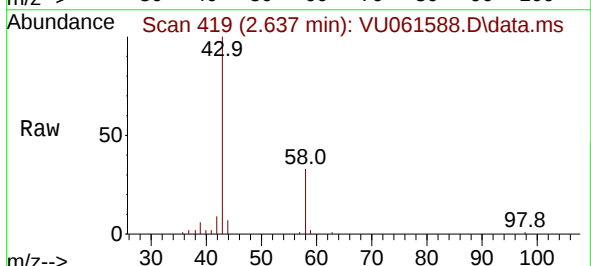
RT: 2.637 min Scan# 419

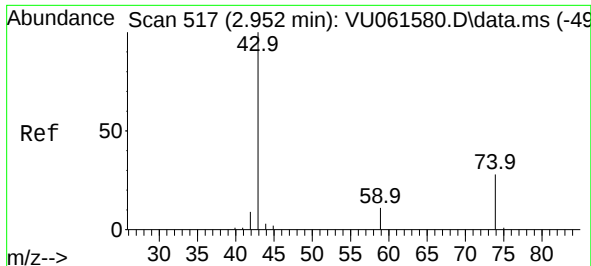
Delta R.T. -0.003 min

Lab File: VU061588.D

Acq: 11 Nov 2024 17:30

Tgt Ion:	43	Resp:	27989
Ion	Ratio	Lower	Upper
43	100		
58	33.8	0.0	73.2





#15

Methyl Acetate

Concen: 15.659 ug/L

RT: 2.827 min Scan# 41

Delta R.T. -0.126 min

Lab File: VU061588.D

Acq: 11 Nov 2024 17:30

Instrument :

MSVOA_U

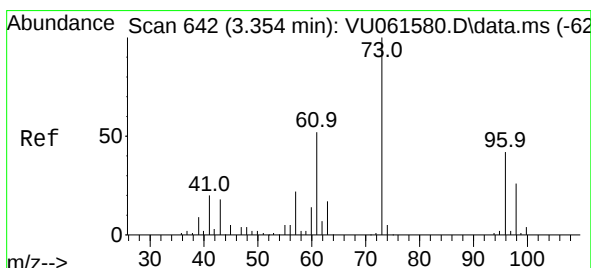
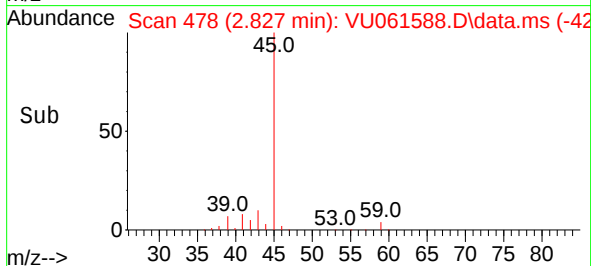
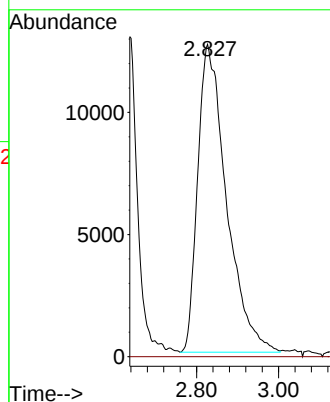
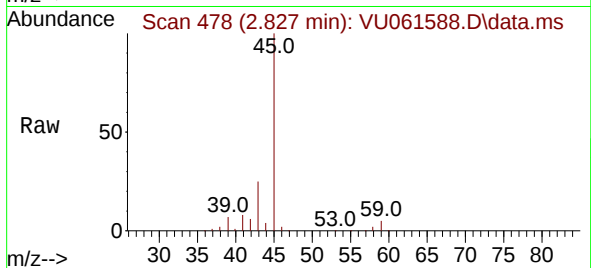
ClientSampleId :

Tgt Ion: 43 Resp: 61230

Ion Ratio Lower Upper

43 100

74 0.0 22.2 33.4#



#17

Methyl tert-butyl Ether

Concen: 0.459 ug/L

RT: 3.357 min Scan# 643

Delta R.T. 0.003 min

Lab File: VU061588.D

Acq: 11 Nov 2024 17:30

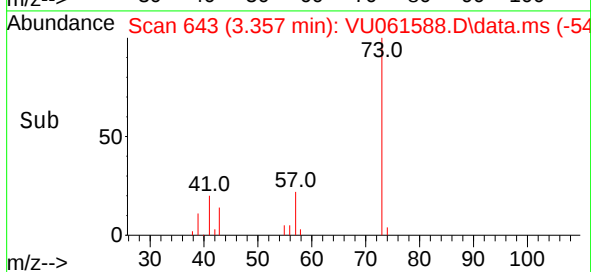
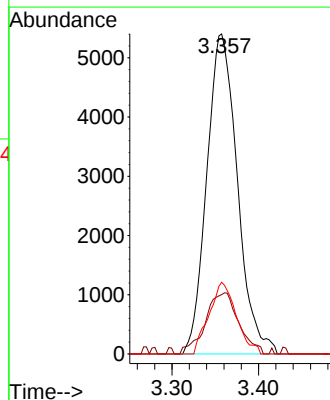
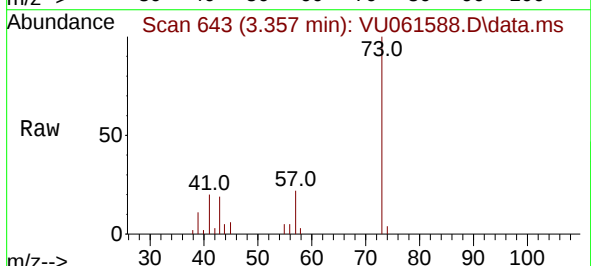
Tgt Ion: 73 Resp: 13290

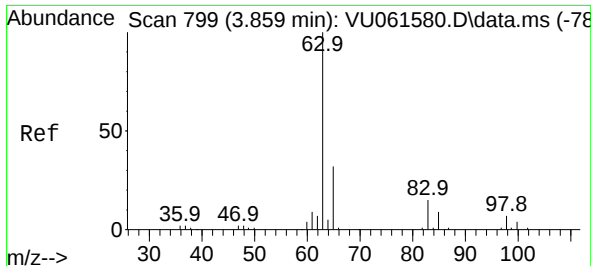
Ion Ratio Lower Upper

73 100

43 20.8 15.0 22.4

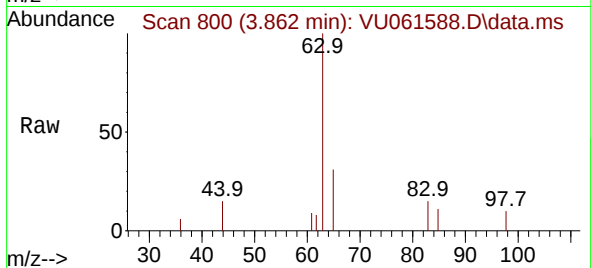
57 19.9 17.0 25.6



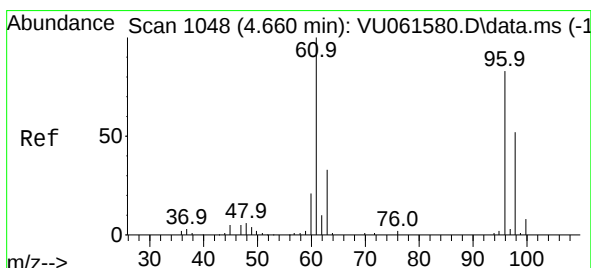
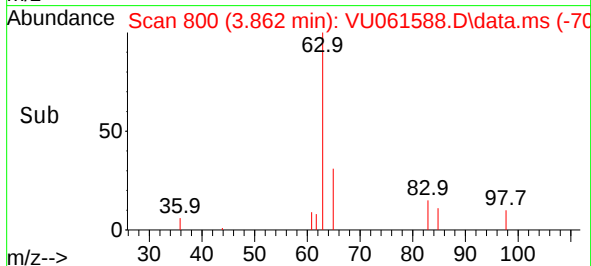
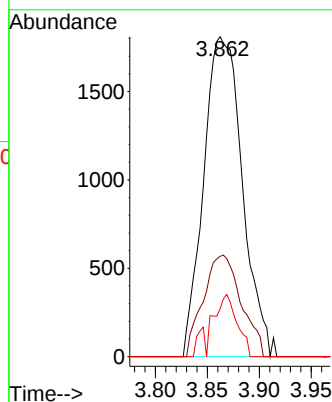


#19
1,1-Dichloroethane
Concen: 0.210 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU061588.D
Acq: 11 Nov 2024 17:30

Instrument :
MSVOA_U
ClientSampleId :

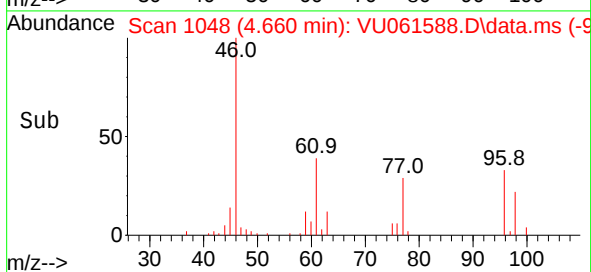
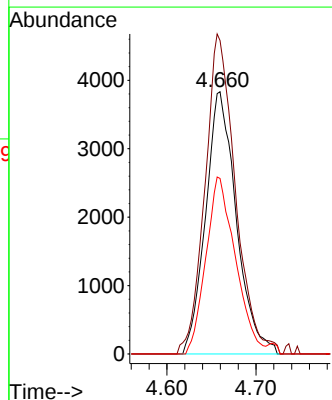
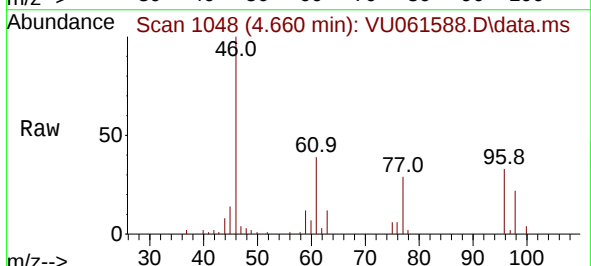


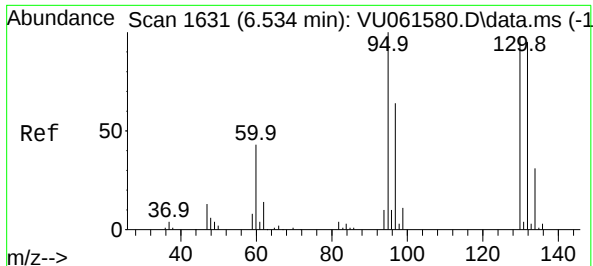
Tgt Ion: 63 Resp: 4686
Ion Ratio Lower Upper
63 100
65 31.4 23.0 42.6
83 14.9 9.7 17.9



#22
cis-1,2-Dichloroethene
Concen: 0.681 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU061588.D
Acq: 11 Nov 2024 17:30

Tgt Ion: 96 Resp: 9187
Ion Ratio Lower Upper
96 100
61 119.5 88.1 163.5
98 67.0 45.0 83.6





#34

Trichloroethene

Concen: 17.230 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU061588.D

Acq: 11 Nov 2024 17:30

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 251169

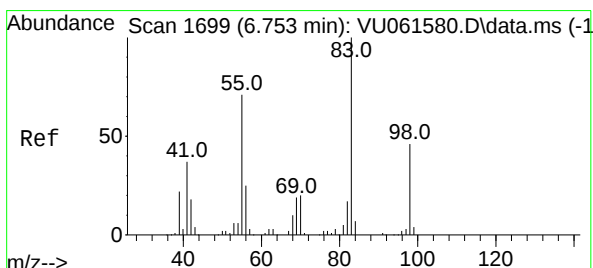
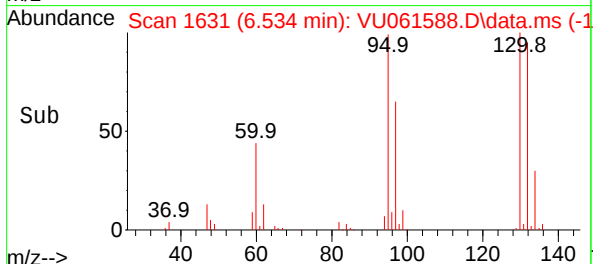
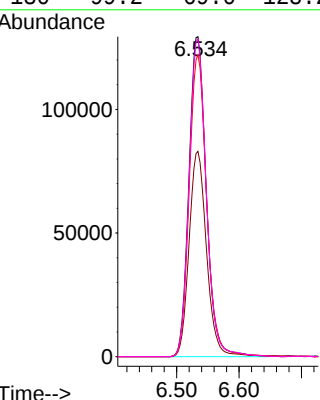
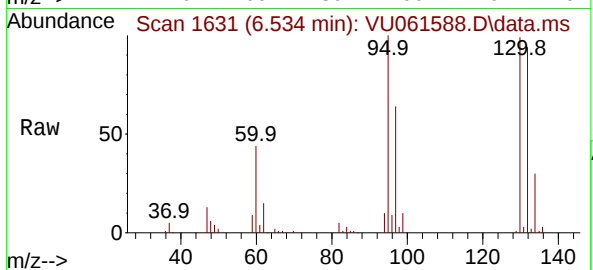
Ion Ratio Lower Upper

95 100

97 64.2 46.1 85.7

132 94.3 66.1 122.7

130 99.2 69.0 128.2



#35

Methylcyclohexane

Concen: 0.645 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.071 min

Lab File: VU061588.D

Acq: 11 Nov 2024 17:30

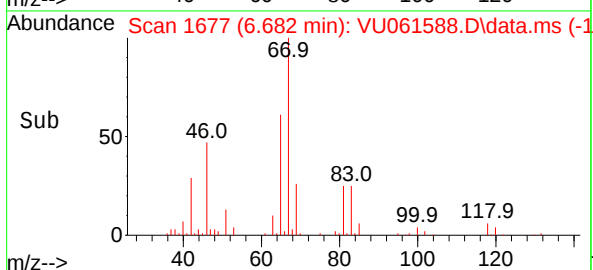
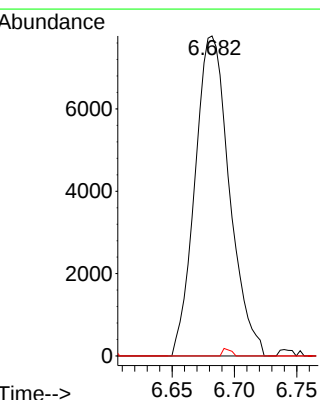
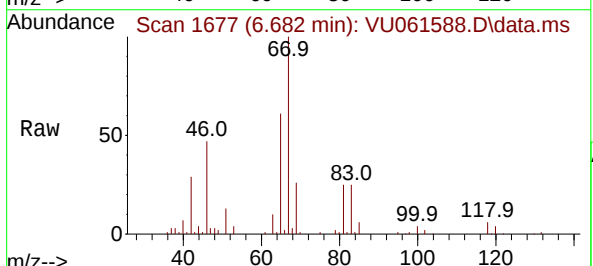
Tgt Ion: 83 Resp: 14957

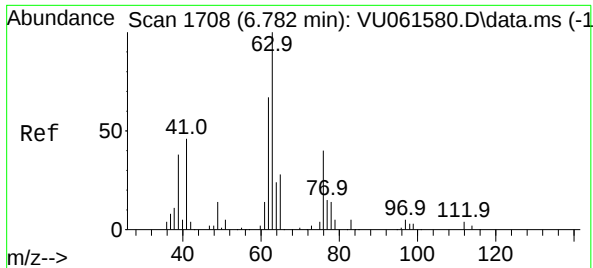
Ion Ratio Lower Upper

83 100

55 0.0 55.9 83.9#

98 0.0 35.9 53.9#

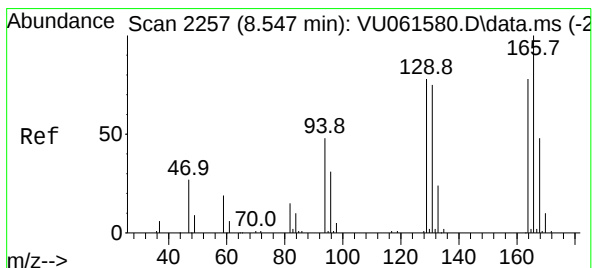
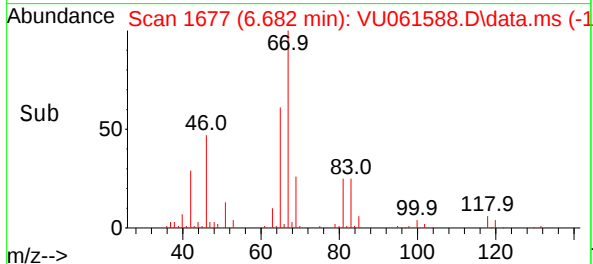
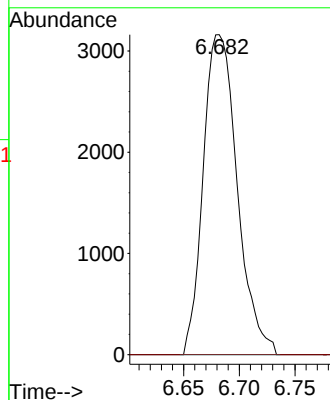
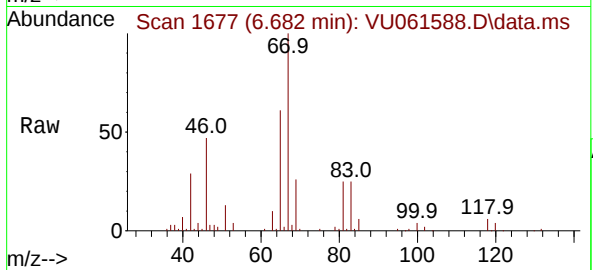




#37
1,2-Dichloropropane
Concen: 0.496 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU061588.D
Acq: 11 Nov 2024 17:30

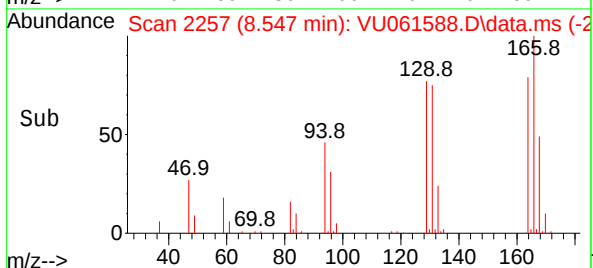
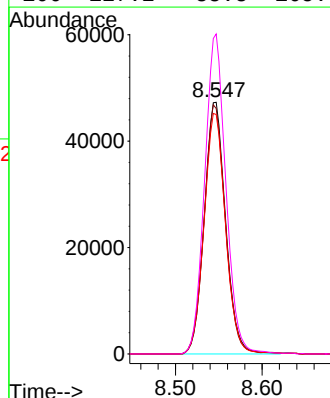
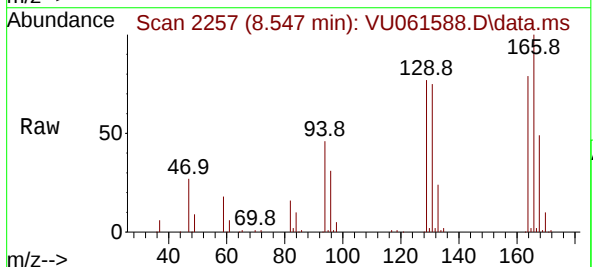
Instrument :
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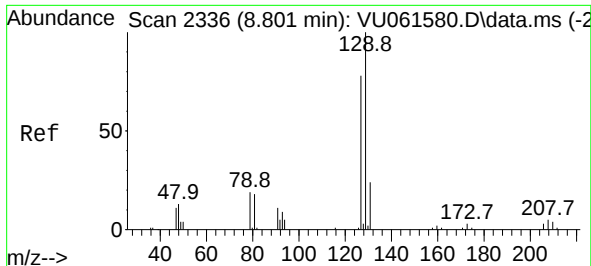
Tgt Ion: 63 Resp: 6734
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#47
Tetrachloroethene
Concen: 7.935 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU061588.D
Acq: 11 Nov 2024 17:30

Tgt Ion:164 Resp: 80793
Ion Ratio Lower Upper
164 100
129 97.5 69.9 129.7
131 95.2 68.3 126.8
166 127.2 88.8 165.0





#49

Dibromochloromethane

Concen: 7.116 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU061588.D

Acq: 11 Nov 2024 17:30

Instrument :

MSVOA_U

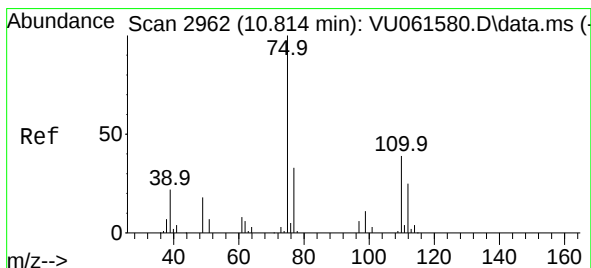
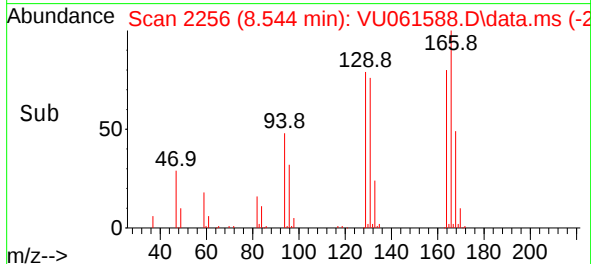
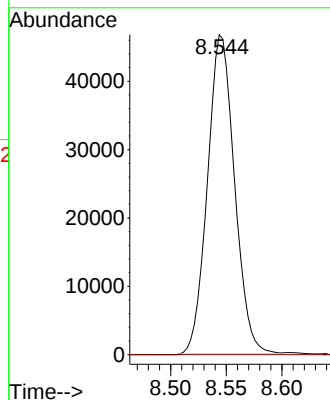
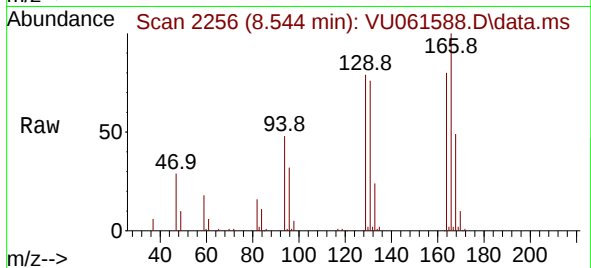
ClientSampleId :

Tgt Ion:129 Resp: 78896

Ion Ratio Lower Upper

129 100

127 0.0 51.8 96.2#



#61

1,2,3-Trichloropropane

Concen: 1.211 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU061588.D

Acq: 11 Nov 2024 17:30

Tgt Ion: 75 Resp: 9296

Ion Ratio Lower Upper

75 100

110 1.6 28.8 43.2#

77 33.3 25.7 38.5

