

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110424\
 Data File : VU061439.D
 Acq On : 05 Nov 2024 05:00
 Operator : MD/SY
 Sample : P4689-06
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 05 06:14:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 05 04:38:45 2024
 Response via : Initial Calibration

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

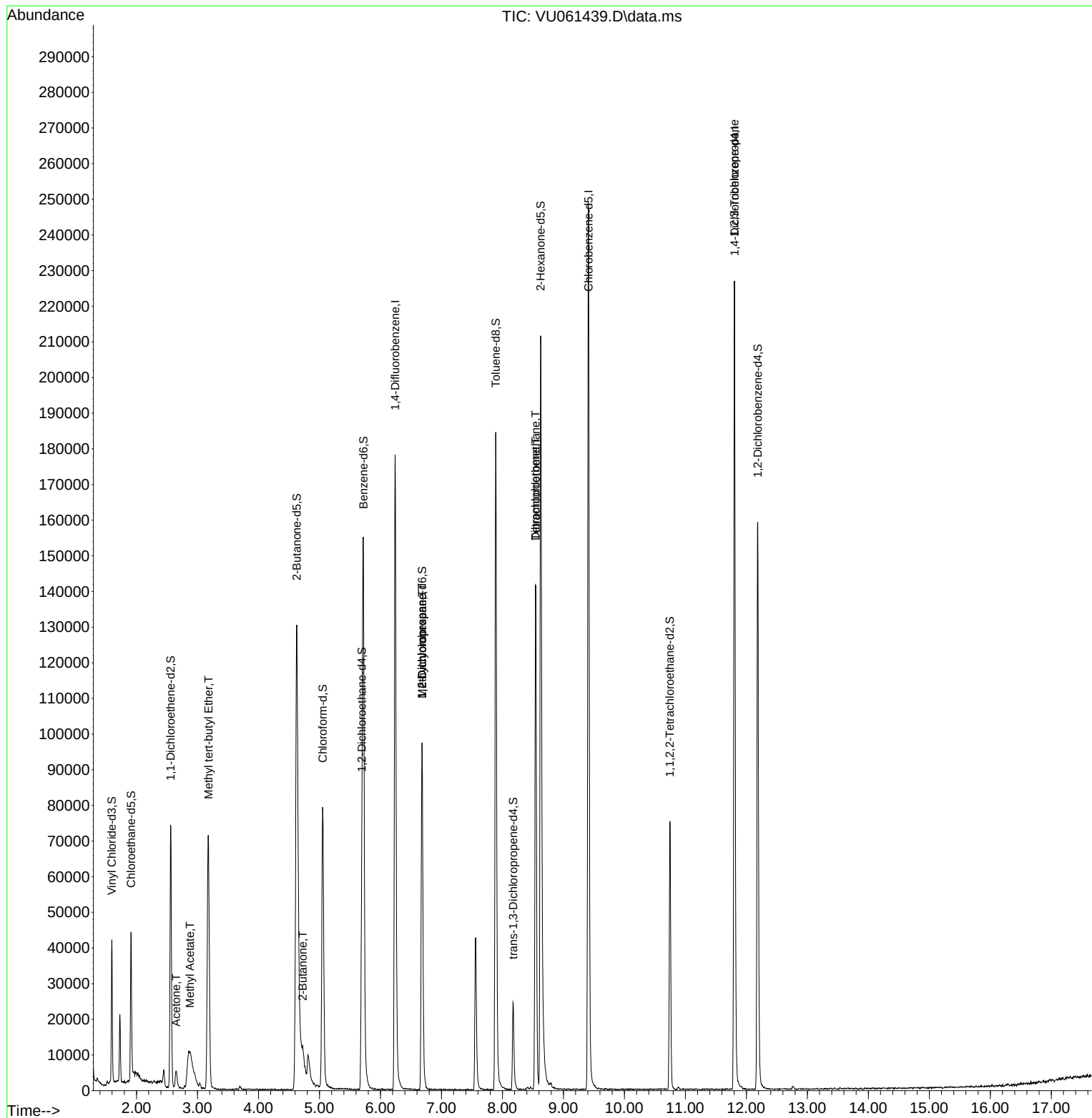
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	155429	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	145418	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	62571	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	27817	2.635	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	52.600%
7) Chloroethane-d5	1.911	69	30138	3.114	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	62.200%#
11) 1,1-Dichloroethene-d2	2.560	65	13626	3.016	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.400%
20) 2-Butanone-d5	4.628	46	96058	44.810	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.620%
24) Chloroform-d	5.052	84	75636	3.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.400%
26) 1,2-Dichloroethane-d4	5.695	65	40203	4.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
32) Benzene-d6	5.721	84	150992	3.685	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.800%
36) 1,2-Dichloropropane-d6	6.682	67	48482	3.936	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.800%
41) Toluene-d8	7.891	98	131299	3.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.600%#
43) trans-1,3-Dichloroprop...	8.177	79	15547	3.092	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.800%
46) 2-Hexanone-d5	8.627	63	77020	37.396	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.800%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	37246	3.998	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	46474	4.194	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.800%
Target Compounds						Qvalue
13) Acetone	2.650	43	7515	5.535	ug/L	94
15) Methyl Acetate	2.875	43	3342	0.994	ug/L #	47
17) Methyl tert-butyl Ether	3.181	73	2433	0.098	ug/L #	1
21) 2-Butanone	4.724	43	10031	4.660	ug/L	95
35) Methylcyclohexane	6.682	83	11293	0.580	ug/L #	22
37) 1,2-Dichloropropane	6.682	63	5084	0.446	ug/L #	89
47) Tetrachloroethene	8.544	164	31617	3.700	ug/L	99
49) Dibromochloromethane	8.544	129	31344	3.369	ug/L #	12
61) 1,2,3-Trichloropropane	11.804	75	8087	1.297	ug/L #	67

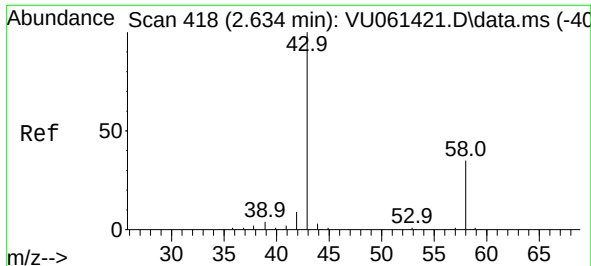
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.535 ug/L

RT: 2.650 min Scan# 41

Delta R.T. 0.016 min

Lab File: VU061439.D

Acq: 05 Nov 2024 05:00

Instrument :

MSVOA_U

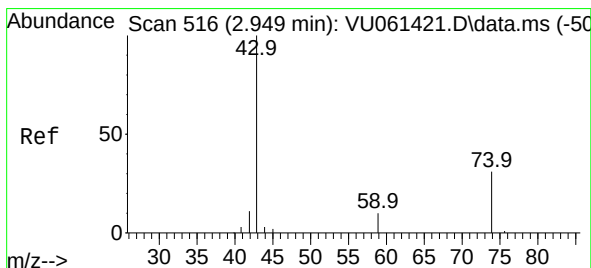
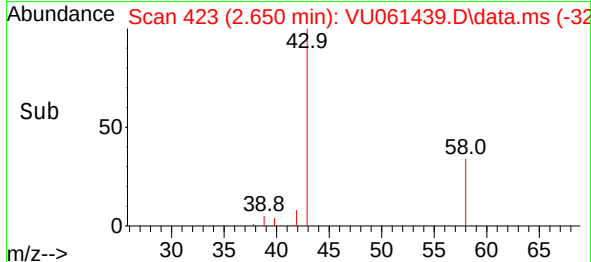
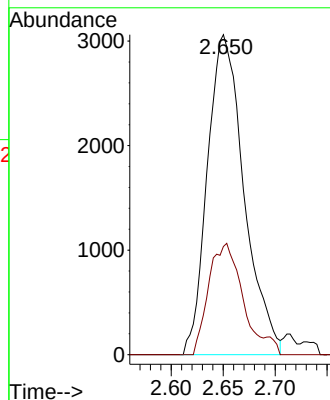
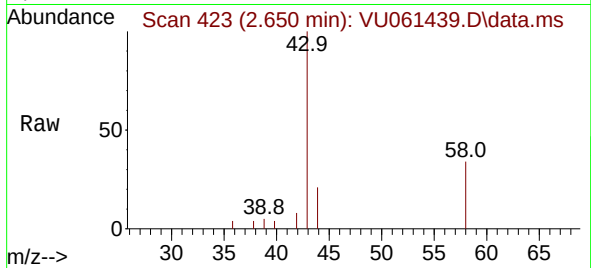
ClientSampleId :

Tgt Ion: 43 Resp: 7515

Ion Ratio Lower Upper

43 100

58 32.9 0.0 73.2



#15

Methyl Acetate

Concen: 0.994 ug/L

RT: 2.875 min Scan# 493

Delta R.T. -0.074 min

Lab File: VU061439.D

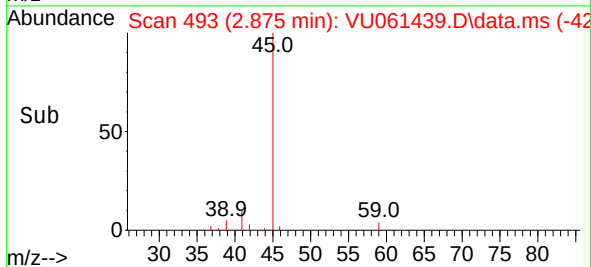
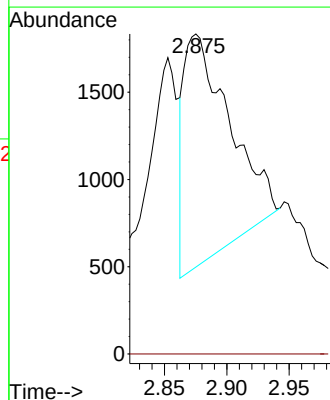
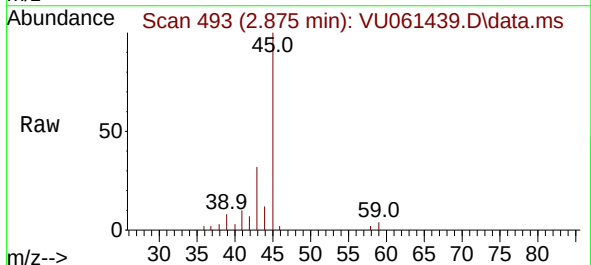
Acq: 05 Nov 2024 05:00

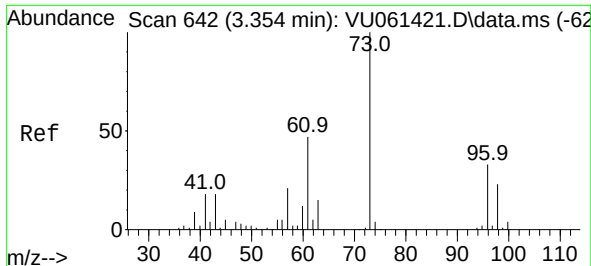
Tgt Ion: 43 Resp: 3342

Ion Ratio Lower Upper

43 100

74 0.0 22.2 33.4#

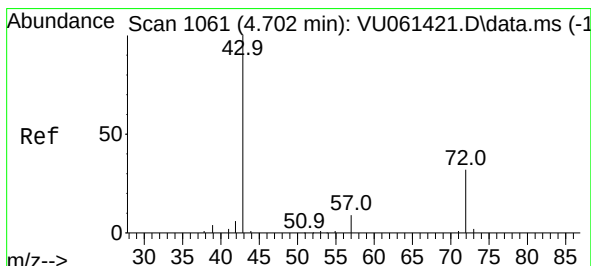
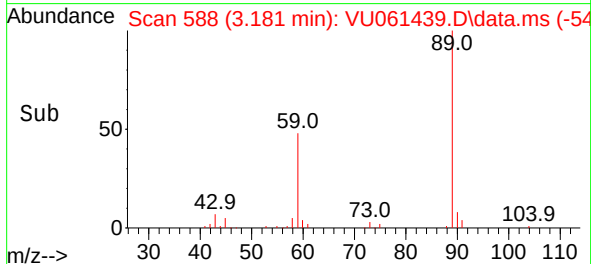
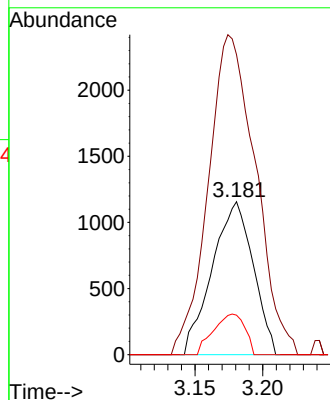
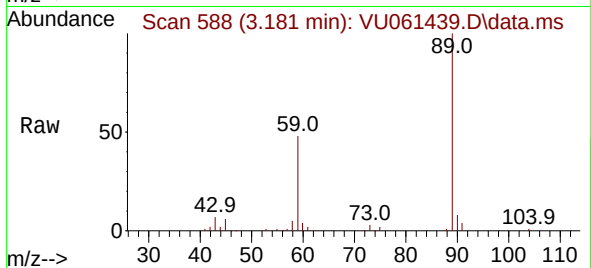




#17
Methyl tert-butyl Ether
Concen: 0.098 ug/L
RT: 3.181 min Scan# 51
Delta R.T. -0.174 min
Lab File: VU061439.D
Acq: 05 Nov 2024 05:00

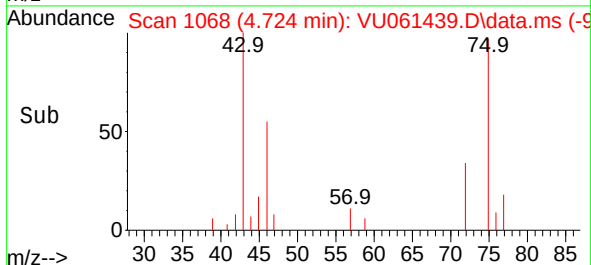
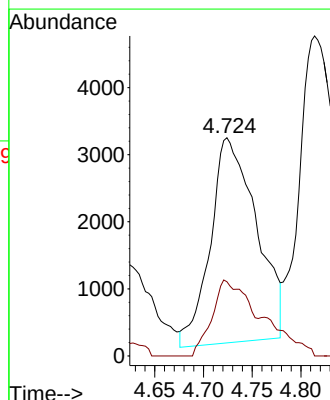
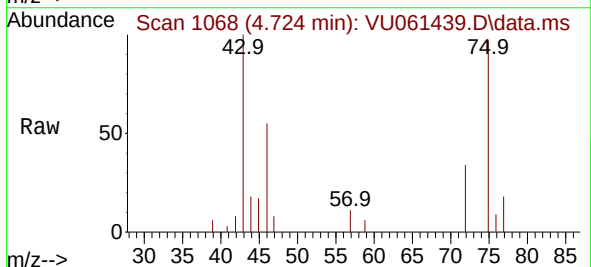
Instrument :
MSVOA_U
ClientSampleId :

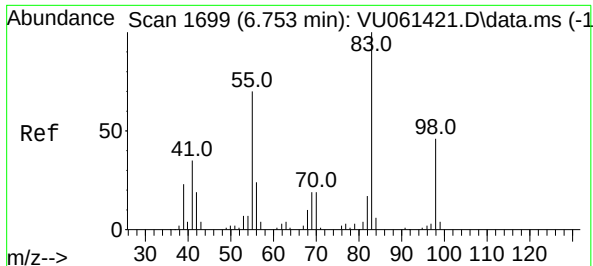
Tgt Ion: 73 Resp: 2433
Ion Ratio Lower Upper
73 100
43 240.9 15.0 22.4#
57 20.3 17.0 25.6



#21
2-Butanone
Concen: 4.660 ug/L
RT: 4.724 min Scan# 1068
Delta R.T. 0.022 min
Lab File: VU061439.D
Acq: 05 Nov 2024 05:00

Tgt Ion: 43 Resp: 10031
Ion Ratio Lower Upper
43 100
72 29.2 15.9 47.6





#35

Methylcyclohexane

Concen: 0.580 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.071 min

Lab File: VU061439.D

Acq: 05 Nov 2024 05:00

Instrument :

MSVOA_U

ClientSampleId :

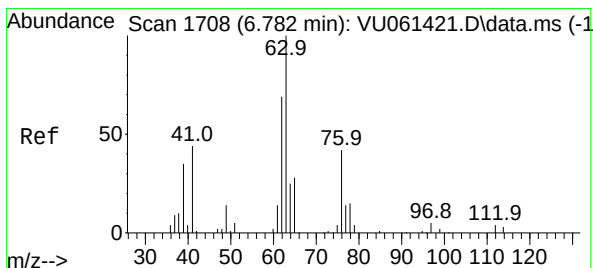
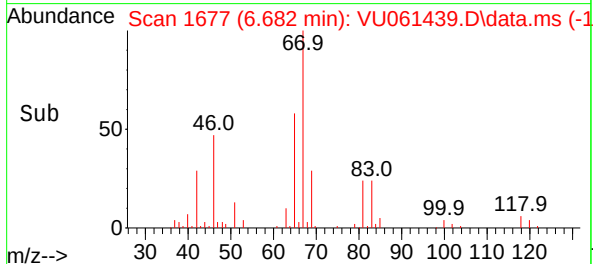
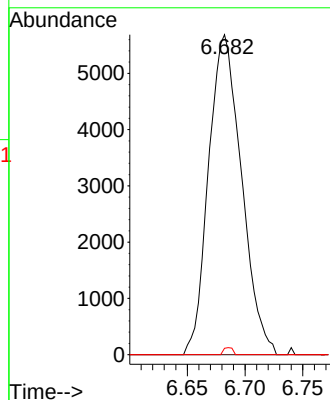
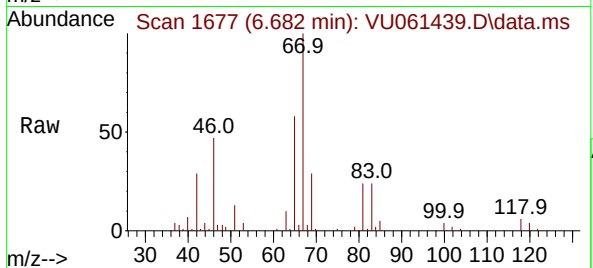
Tgt Ion: 83 Resp: 11293

Ion Ratio Lower Upper

83 100

55 0.0 55.9 83.9#

98 0.6 35.9 53.9#



#37

1,2-Dichloropropane

Concen: 0.446 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU061439.D

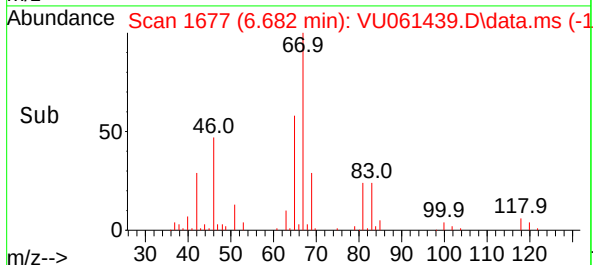
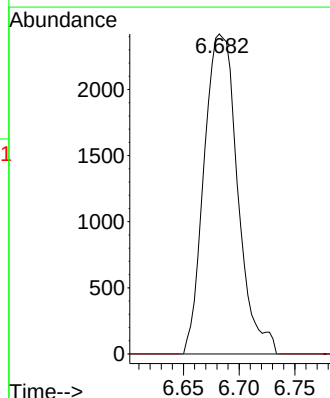
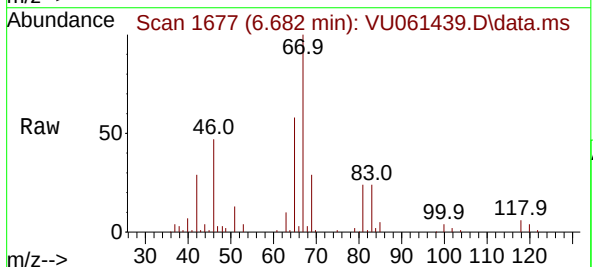
Acq: 05 Nov 2024 05:00

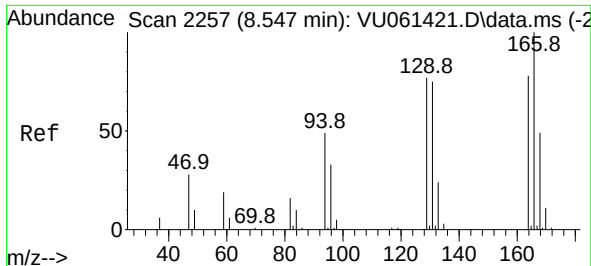
Tgt Ion: 63 Resp: 5084

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#47

Tetrachloroethene

Concen: 3.700 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.003 min

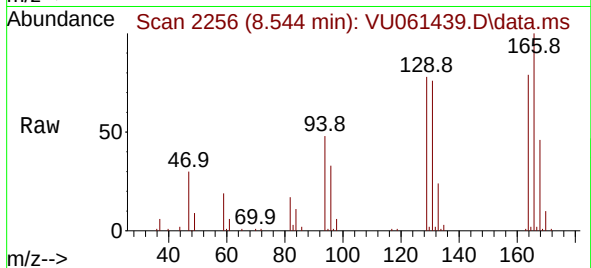
Lab File: VU061439.D

Acq: 05 Nov 2024 05:00

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 31617

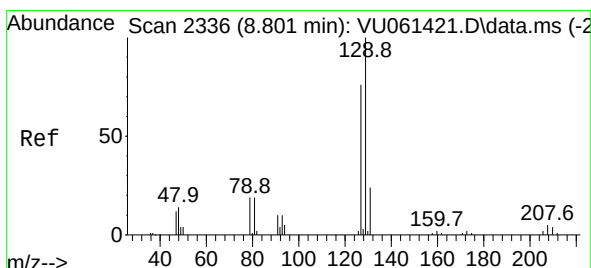
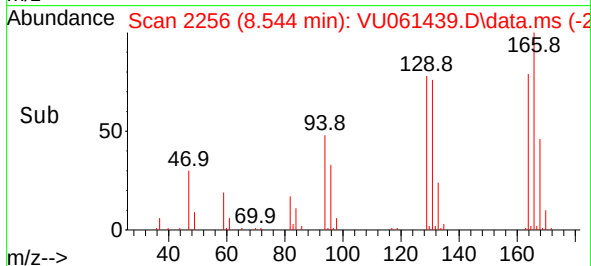
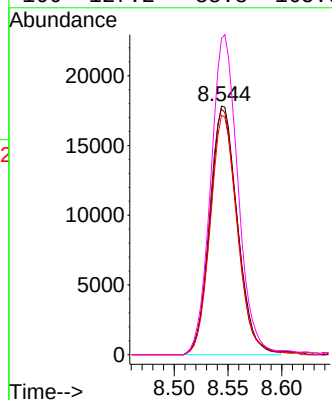
Ion Ratio Lower Upper

164 100

129 98.9 69.9 129.7

131 96.3 68.3 126.8

166 127.2 88.8 165.0



#49

Dibromochloromethane

Concen: 3.369 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.257 min

Lab File: VU061439.D

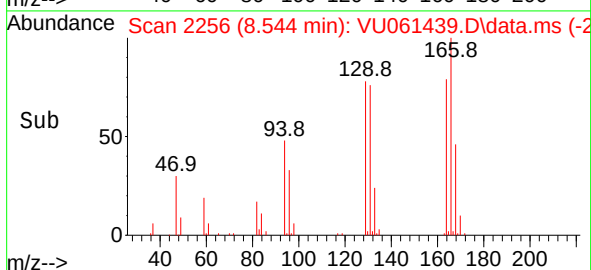
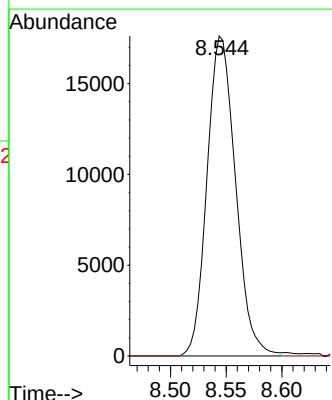
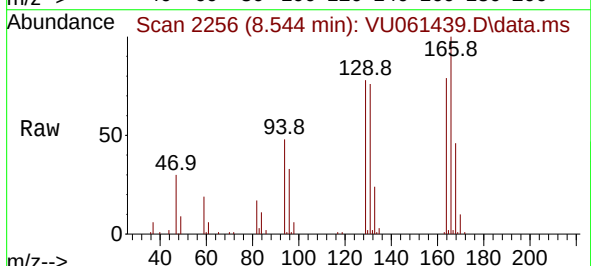
Acq: 05 Nov 2024 05:00

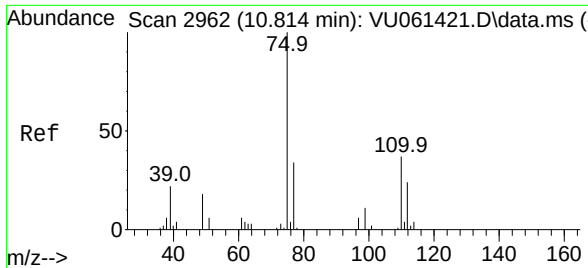
Tgt Ion:129 Resp: 31344

Ion Ratio Lower Upper

129 100

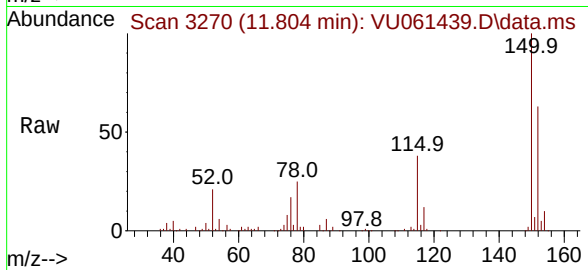
127 0.0 51.8 96.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.297 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU061439.D
 Acq: 05 Nov 2024 05:00

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	8087
Ion	Ratio	Lower	Upper
75	100		
110	0.2	28.8	43.2#
77	33.2	25.7	38.5

