

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110824\
 Data File : VU061573.D
 Acq On : 09 Nov 2024 02:36
 Operator : MD/SY
 Sample : P4748-17
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 11 00:11:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 09 01:40:03 2024
 Response via : Initial Calibration

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

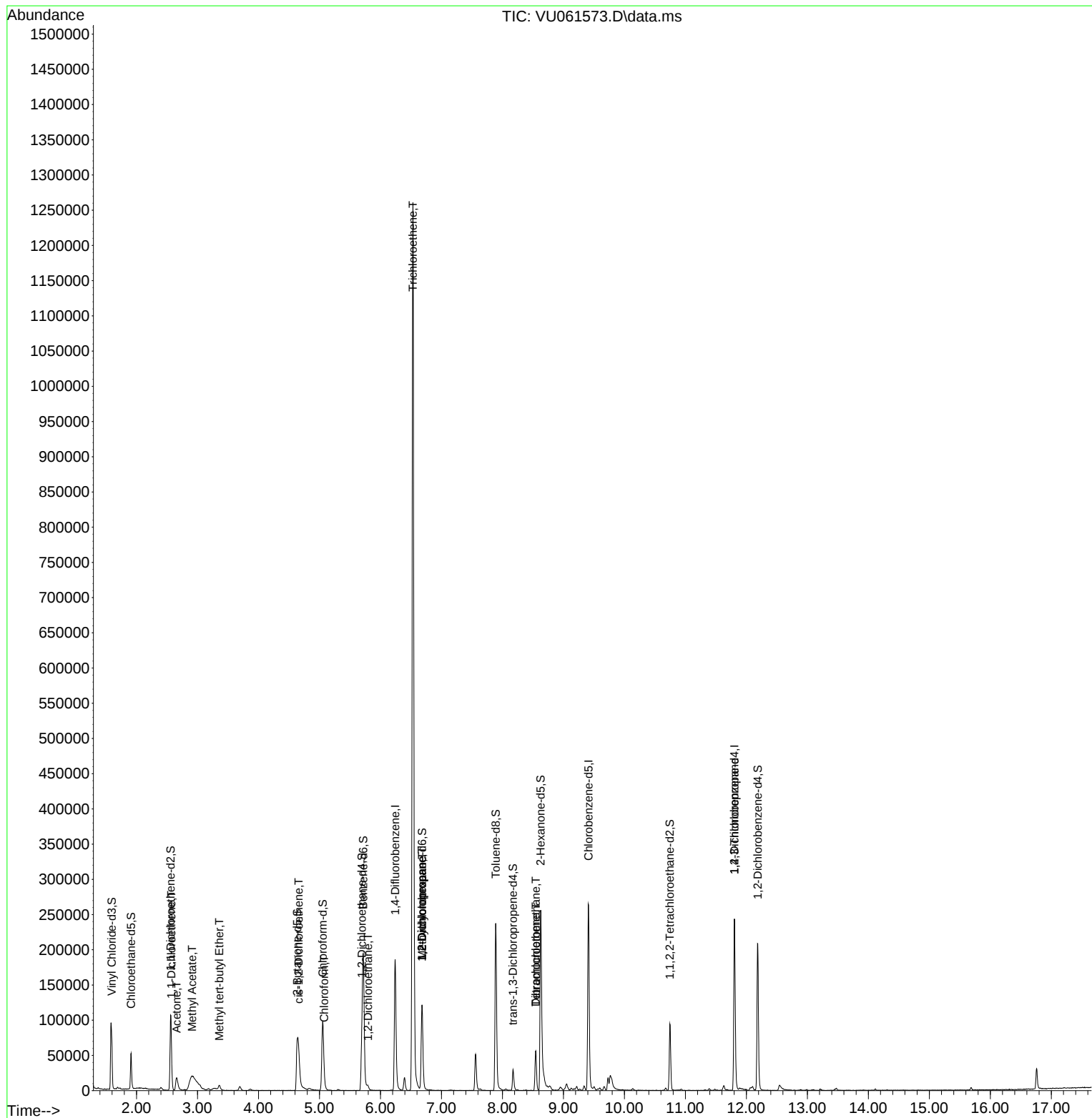
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	163611	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	152317	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	67266	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	39549	3.558	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.200%
7) Chloroethane-d5	1.911	69	37083	3.640	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.800%
11) 1,1-Dichloroethene-d2	2.560	65	18987	3.993	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.800%
20) 2-Butanone-d5	4.634	46	109933	48.718	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.440%
24) Chloroform-d	5.052	84	94128	4.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.695	65	48957	4.656	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.717	84	191894	4.471	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.682	67	61436	4.761	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.891	98	170861	4.258	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	8.174	79	17841	3.387	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.800%
46) 2-Hexanone-d5	8.627	63	93826	43.493	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.980%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	47030	4.820	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	57811	4.853	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	4939	0.511	ug/L #	1
13) Acetone	2.656	43	30220	21.145	ug/L	98
15) Methyl Acetate	2.914	43	10190	2.879	ug/L #	47
17) Methyl tert-butyl Ether	3.357	73	7128	0.272	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	15640	1.280	ug/L	96
25) Chloroform	5.078	83	4946	0.233	ug/L	91
27) 1,2-Dichloroethane	5.795	62	4095	0.305	ug/L	96
34) Trichloroethene	6.531	95	436576	34.070	ug/L	99
35) Methylcyclohexane	6.682	83	13490	0.661	ug/L #	21
37) 1,2-Dichloropropane	6.679	63	6134	0.514	ug/L #	89
47) Tetrachloroethene	8.547	164	12940	1.446	ug/L	99
49) Dibromochloromethane	8.547	129	12513	1.284	ug/L #	12
61) 1,2,3-Trichloropropane	11.804	75	8516	1.271	ug/L #	68

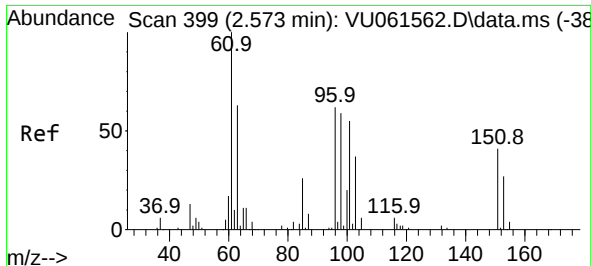
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.511 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.000 min

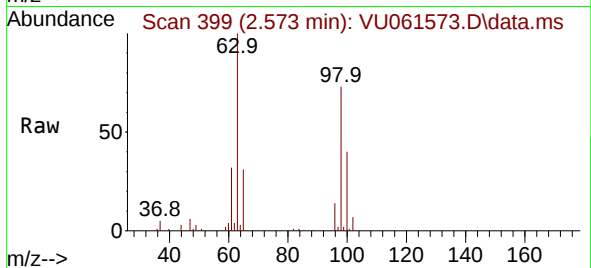
Lab File: VU061573.D

Acq: 09 Nov 2024 02:36

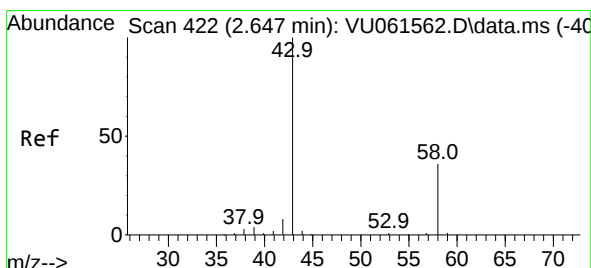
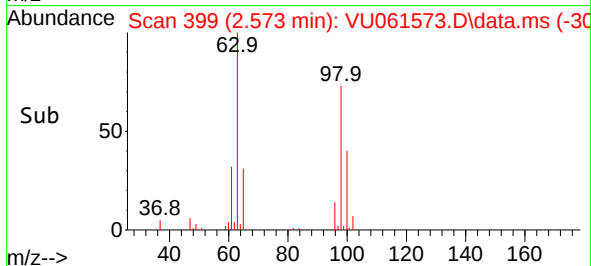
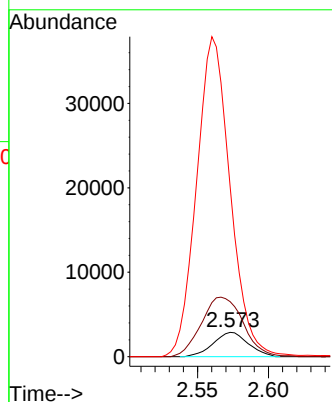
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	96	Resp:	4939
Ion	Ratio	Lower	Upper
96	100		
61	225.9	119.1	221.1#
63	699.3	89.4	166.0#



#13

Acetone

Concen: 21.145 ug/L

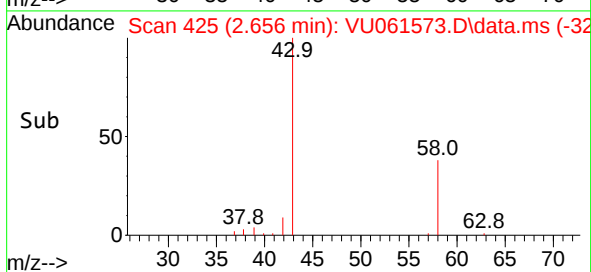
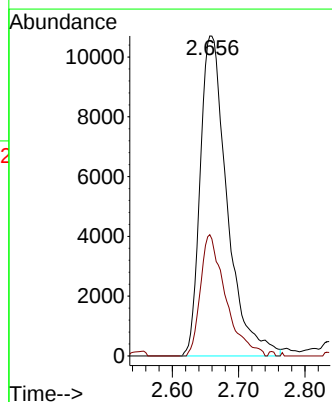
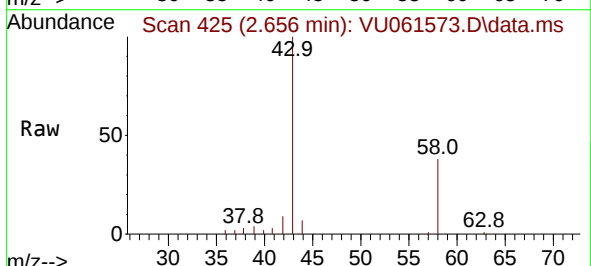
RT: 2.656 min Scan# 425

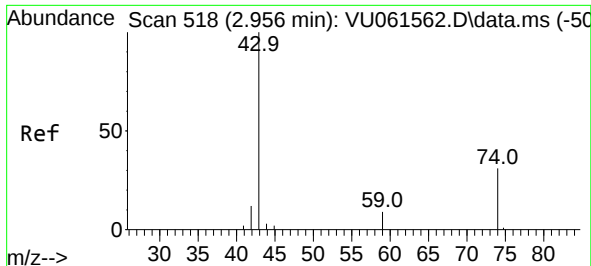
Delta R.T. 0.010 min

Lab File: VU061573.D

Acq: 09 Nov 2024 02:36

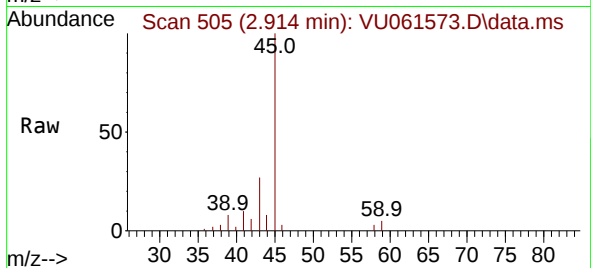
Tgt Ion:	43	Resp:	30220
Ion	Ratio	Lower	Upper
43	100		
58	35.4	0.0	73.2



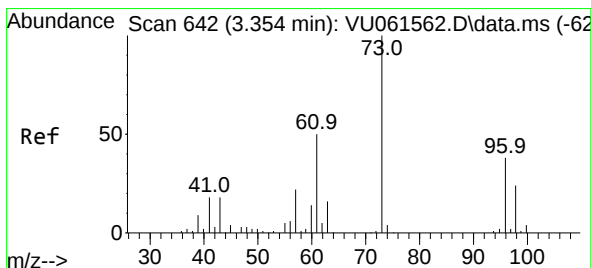
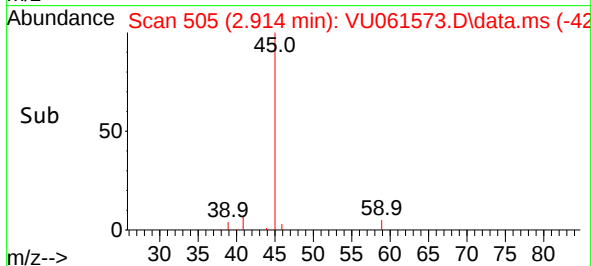
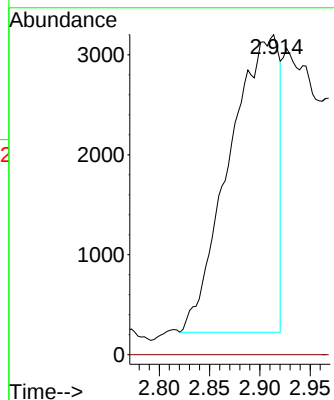


#15
Methyl Acetate
Concen: 2.879 ug/L
RT: 2.914 min Scan# 50
Delta R.T. -0.042 min
Lab File: VU061573.D
Acq: 09 Nov 2024 02:36

Instrument :
MSVOA_U
ClientSampleId :

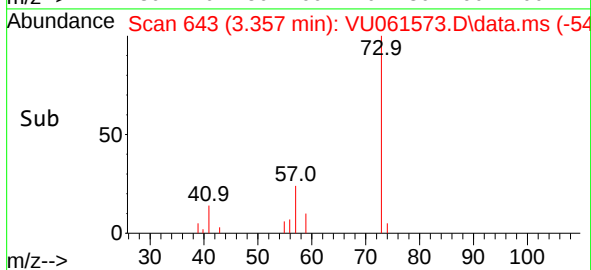
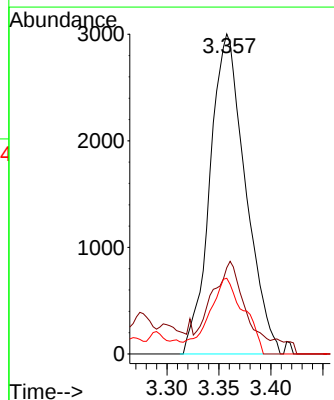
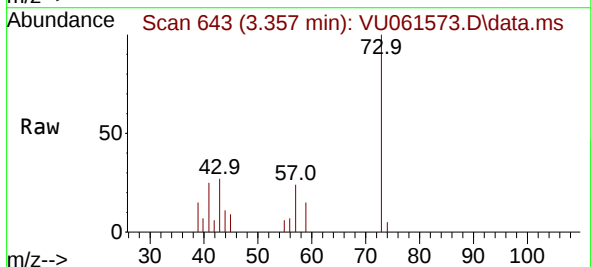


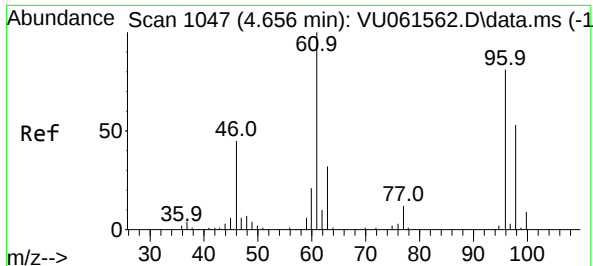
Tgt Ion: 43 Resp: 10190
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.4#



#17
Methyl tert-butyl Ether
Concen: 0.272 ug/L
RT: 3.357 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU061573.D
Acq: 09 Nov 2024 02:36

Tgt Ion: 73 Resp: 7128
Ion Ratio Lower Upper
73 100
43 21.3 15.0 22.4
57 23.5 17.0 25.6

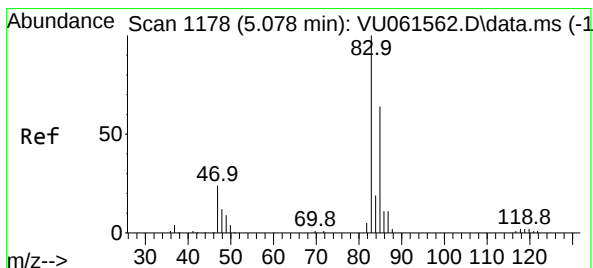
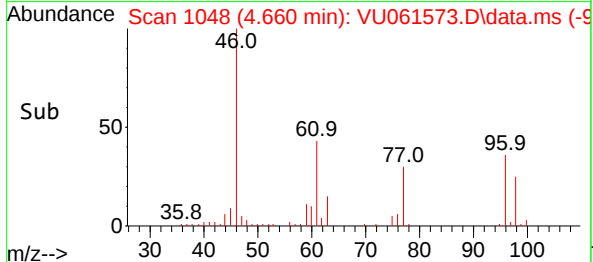
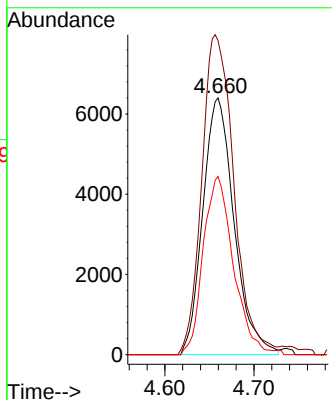
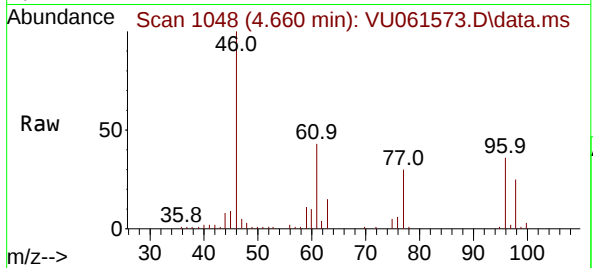




#22
 cis-1,2-Dichloroethene
 Concen: 1.280 ug/L
 RT: 4.660 min Scan# 1047
 Delta R.T. 0.003 min
 Lab File: VU061573.D
 Acq: 09 Nov 2024 02:36

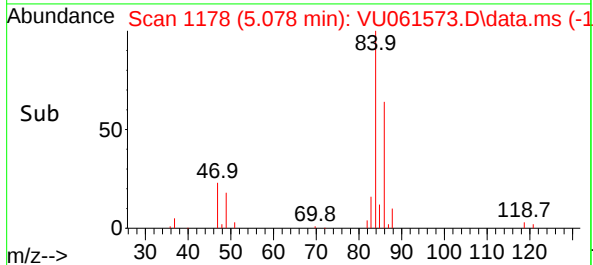
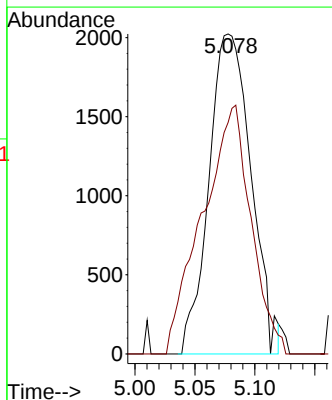
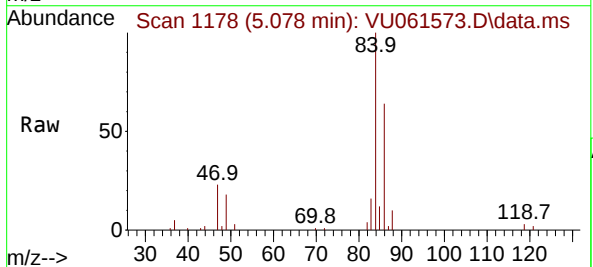
Instrument :
 MSVOA_U
 ClientSampleId :

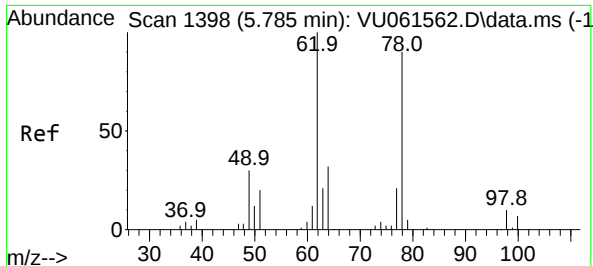
Tgt Ion: 96 Resp: 15640
 Ion Ratio Lower Upper
 96 100
 61 122.3 88.1 163.5
 98 69.4 45.0 83.6



#25
 Chloroform
 Concen: 0.233 ug/L
 RT: 5.078 min Scan# 1178
 Delta R.T. -0.000 min
 Lab File: VU061573.D
 Acq: 09 Nov 2024 02:36

Tgt Ion: 83 Resp: 4946
 Ion Ratio Lower Upper
 83 100
 85 72.4 45.6 84.6

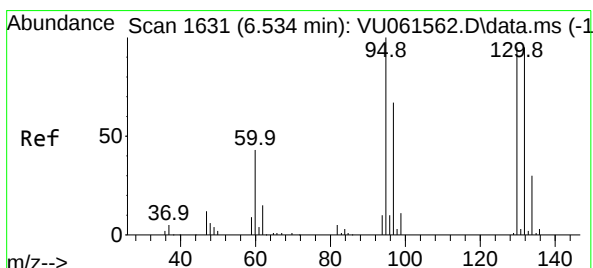
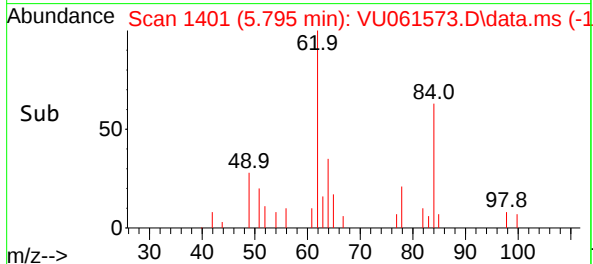
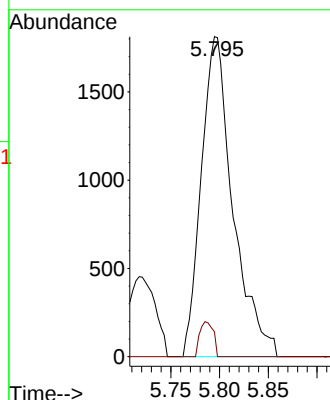
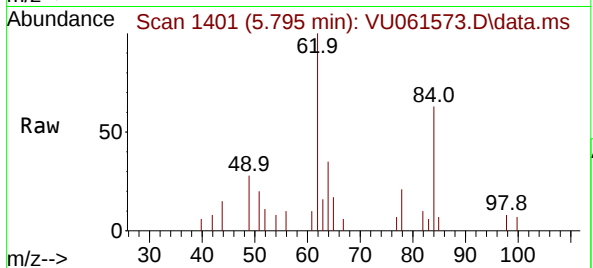




#27
1,2-Dichloroethane
Concen: 0.305 ug/L
RT: 5.795 min Scan# 14
Delta R.T. 0.010 min
Lab File: VU061573.D
Acq: 09 Nov 2024 02:36

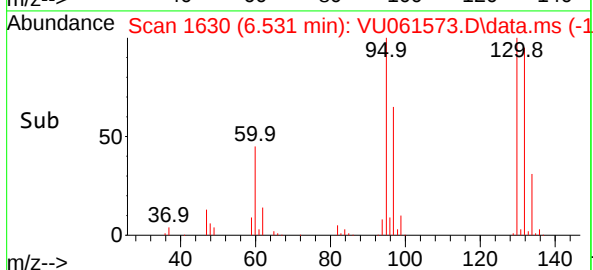
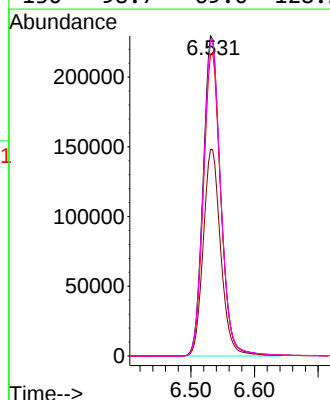
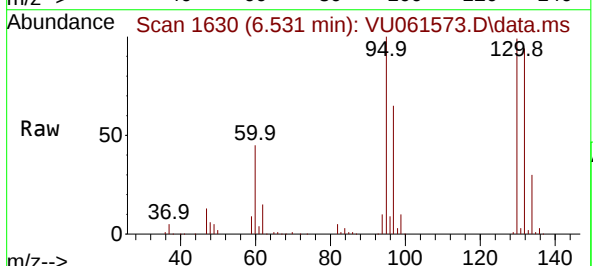
Instrument :
MSVOA_U
ClientSampleId :

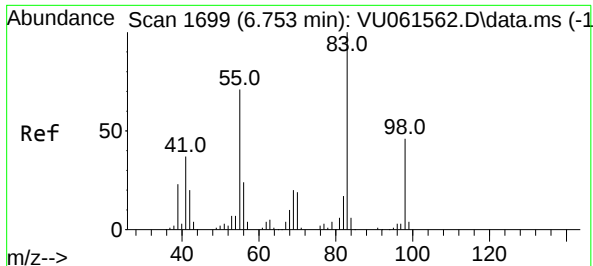
Tgt Ion: 62 Resp: 4095
Ion Ratio Lower Upper
62 100
98 7.8 7.4 11.0



#34
Trichloroethene
Concen: 34.070 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.003 min
Lab File: VU061573.D
Acq: 09 Nov 2024 02:36

Tgt Ion: 95 Resp: 436576
Ion Ratio Lower Upper
95 100
97 64.6 46.1 85.7
132 94.2 66.1 122.7
130 98.7 69.0 128.2





#35

Methylcyclohexane

Concen: 0.661 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU061573.D

Acq: 09 Nov 2024 02:36

Instrument :

MSVOA_U

ClientSampleId :

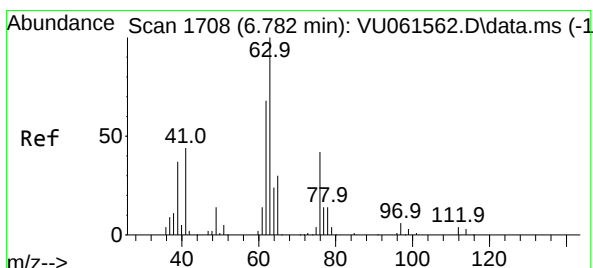
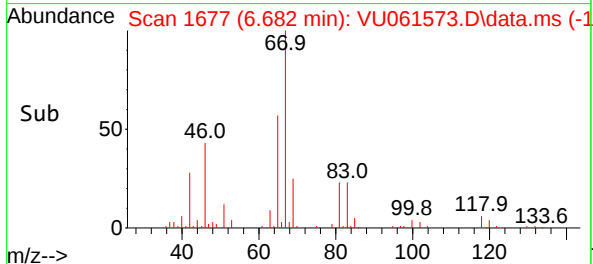
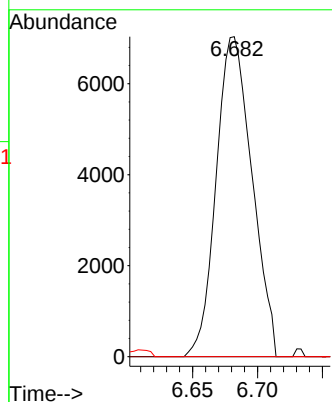
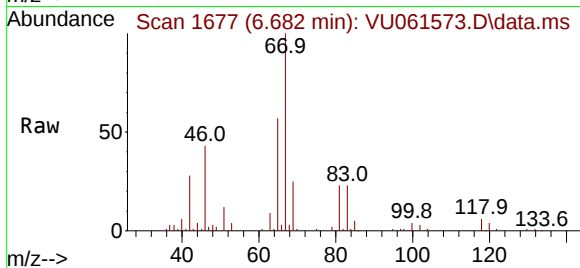
Tgt Ion: 83 Resp: 13490

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: 0.514 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.103 min

Lab File: VU061573.D

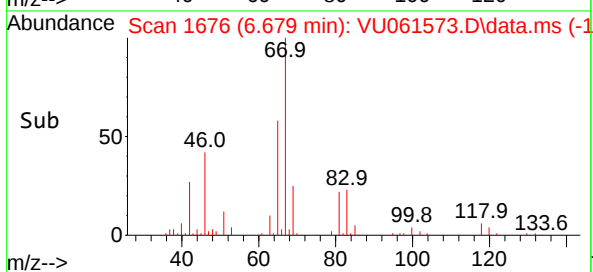
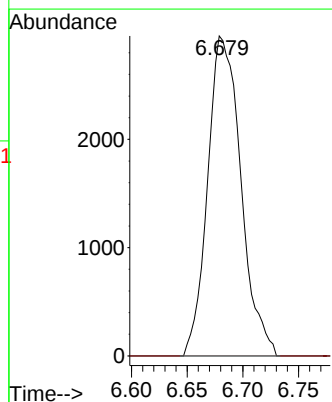
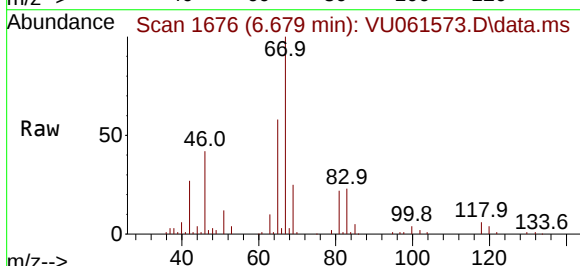
Acq: 09 Nov 2024 02:36

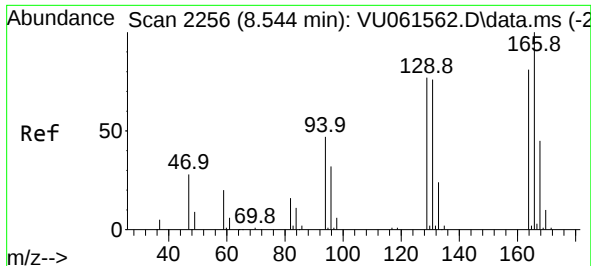
Tgt Ion: 63 Resp: 6134

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#47

Tetrachloroethene

Concen: 1.446 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.003 min

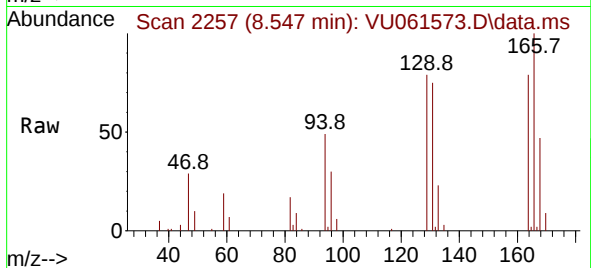
Lab File: VU061573.D

Acq: 09 Nov 2024 02:36

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 12940

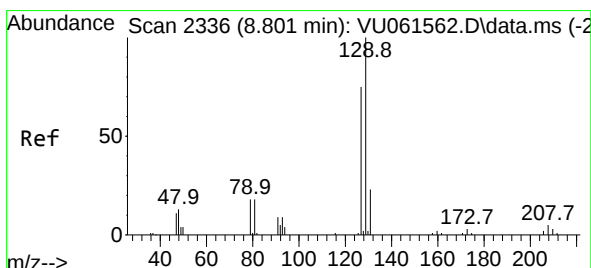
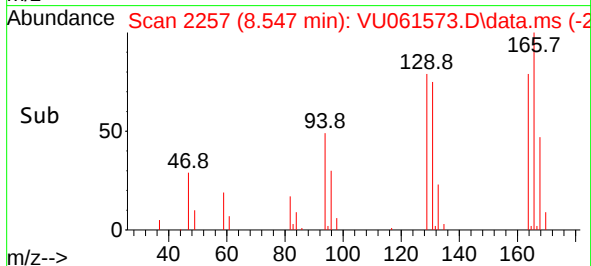
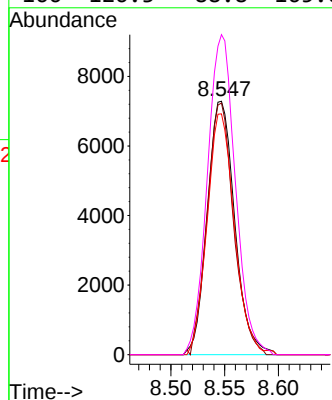
Ion Ratio Lower Upper

164 100

129 99.3 69.9 129.7

131 95.0 68.3 126.8

166 126.3 88.8 165.0



#49

Dibromochloromethane

Concen: 1.284 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU061573.D

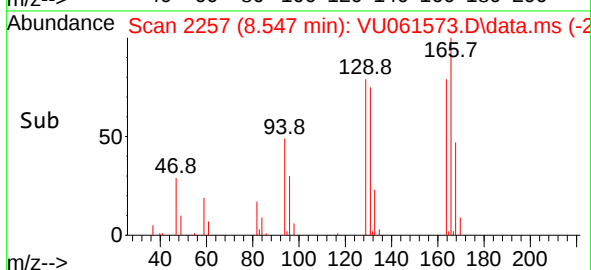
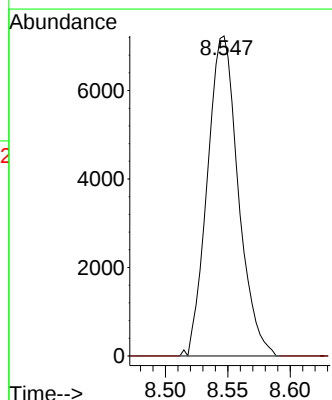
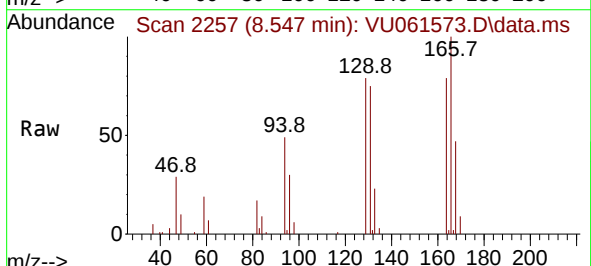
Acq: 09 Nov 2024 02:36

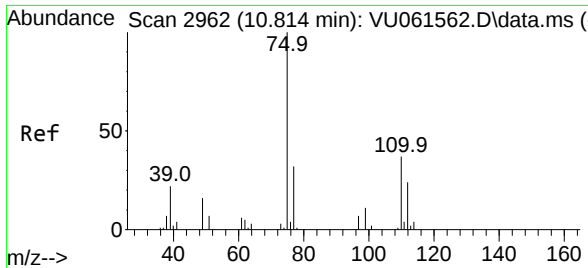
Tgt Ion:129 Resp: 12513

Ion Ratio Lower Upper

129 100

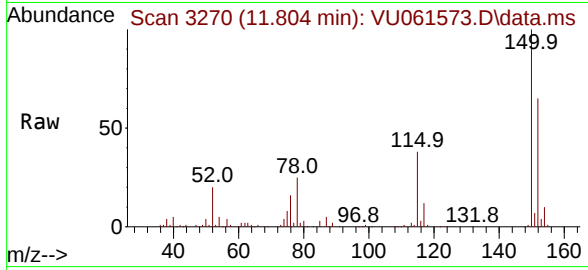
127 0.0 51.8 96.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.271 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU061573.D
 Acq: 09 Nov 2024 02:36

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 8516
 Ion Ratio Lower Upper
 75 100
 110 1.3 28.8 43.2#
 77 32.8 25.7 38.5

