

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110824\
 Data File : VU061565.D
 Acq On : 08 Nov 2024 23:20
 Operator : MD/SY
 Sample : P4748-22
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 11 00:08:34 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

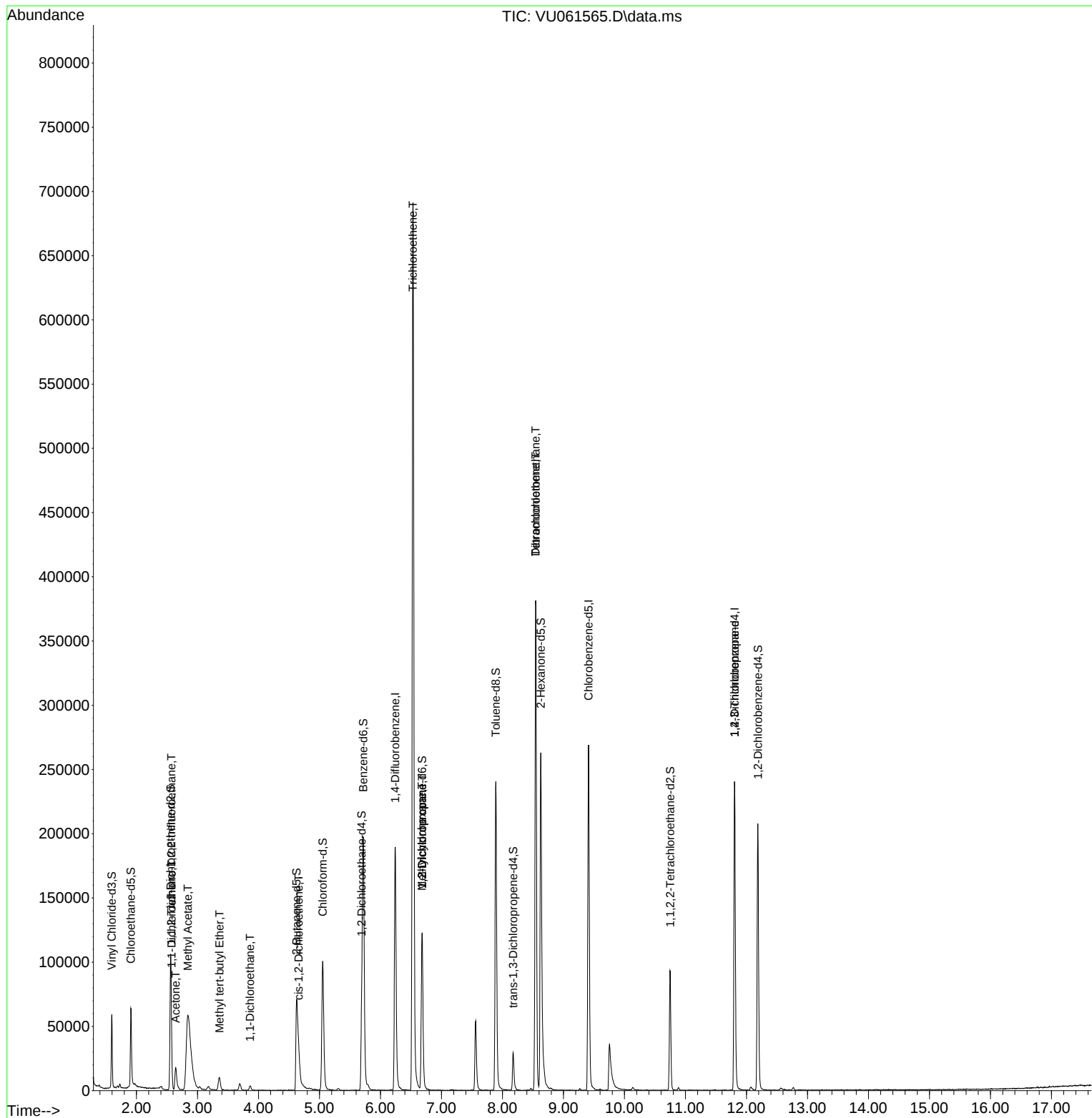
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	164427	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	158611	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	66861	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	38855	3.479	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.908	69	43567	4.255	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.560	65	18926	3.960	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	4.624	46	112087	49.426	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.860%
24) Chloroform-d	5.052	84	96115	4.533	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.692	65	50142	4.745	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.718	84	192788	4.314	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.682	67	60984	4.539	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.891	98	170474	4.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	8.174	79	18094	3.299	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.000%
46) 2-Hexanone-d5	8.627	63	97021	43.189	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.380%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	46731	4.599	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	57993	4.898	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	2007	0.196	ug/L #	72
12) 1,1-Dichloroethene	2.573	96	2292	0.236	ug/L #	1
13) Acetone	2.641	43	23790	16.563	ug/L	99
15) Methyl Acetate	2.840	43	51007	14.341	ug/L #	47
17) Methyl tert-butyl Ether	3.361	73	11950	0.454	ug/L	96
19) 1,1-Dichloroethane	3.862	63	4397	0.217	ug/L #	86
22) cis-1,2-Dichloroethene	4.660	96	8334	0.679	ug/L	97
34) Trichloroethene	6.531	95	241544	18.102	ug/L	99
35) Methylcyclohexane	6.679	83	13977	0.658	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	6609	0.532	ug/L #	89
47) Tetrachloroethene	8.544	164	81920	8.790	ug/L	99
49) Dibromochloromethane	8.544	129	80967	7.978	ug/L #	12
61) 1,2,3-Trichloropropane	11.804	75	8846	1.328	ug/L #	67

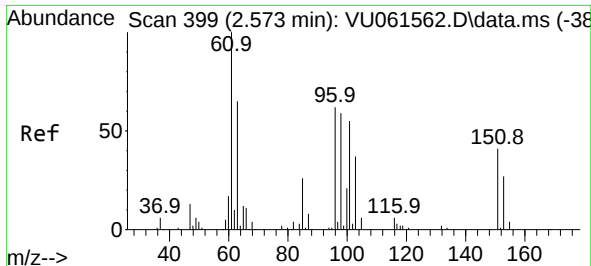
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.196 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.003 min

Lab File: VU061565.D

Acq: 08 Nov 2024 23:20

Instrument :

MSVOA_U

ClientSampleId :

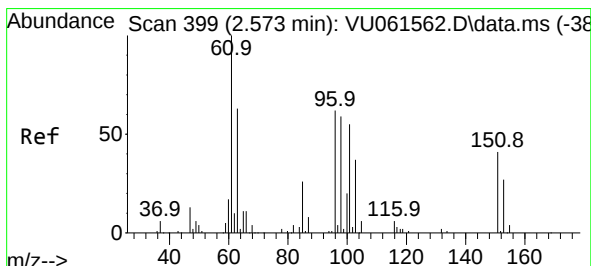
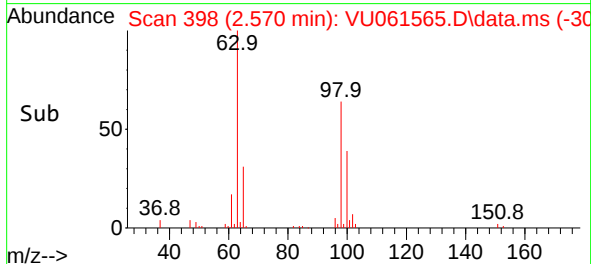
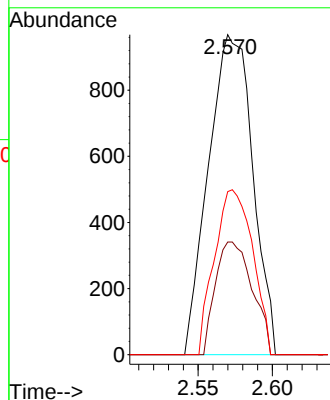
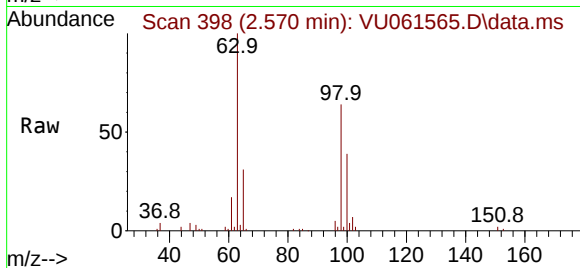
Tgt Ion:101 Resp: 2007

Ion Ratio Lower Upper

101 100

85 29.3 35.6 53.4#

151 44.5 55.9 83.9#



#12

1,1-Dichloroethene

Concen: 0.236 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU061565.D

Acq: 08 Nov 2024 23:20

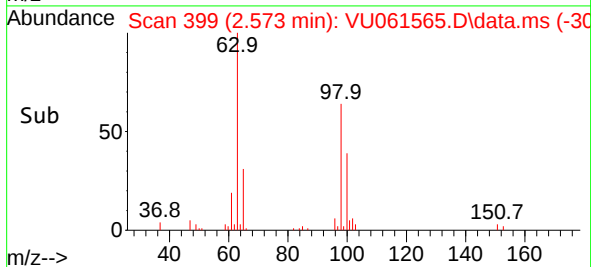
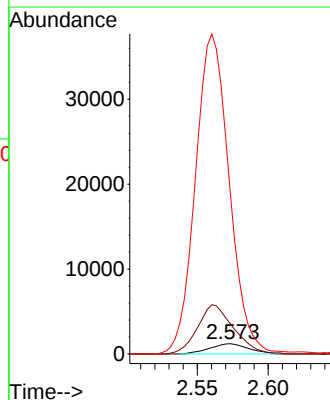
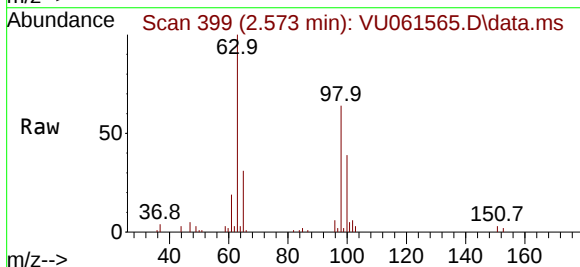
Tgt Ion: 96 Resp: 2292

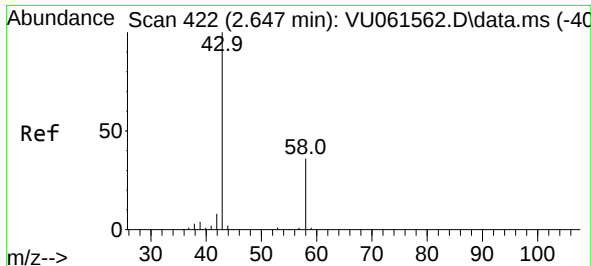
Ion Ratio Lower Upper

96 100

61 296.8 119.1 221.1#

63 1597.3 89.4 166.0#





#13

Acetone

Concen: 16.563 ug/L

RT: 2.641 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU061565.D

Acq: 08 Nov 2024 23:20

Instrument :

MSVOA_U

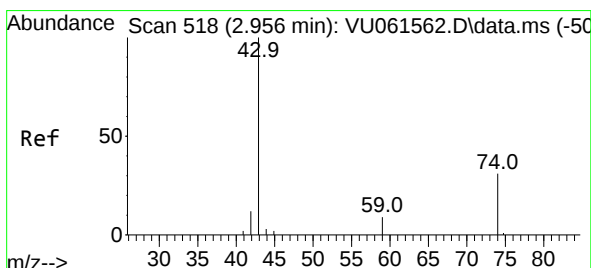
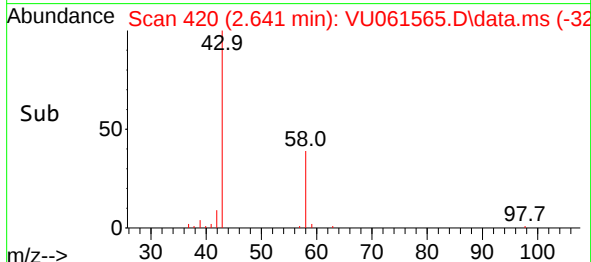
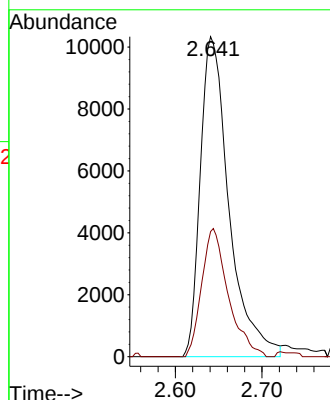
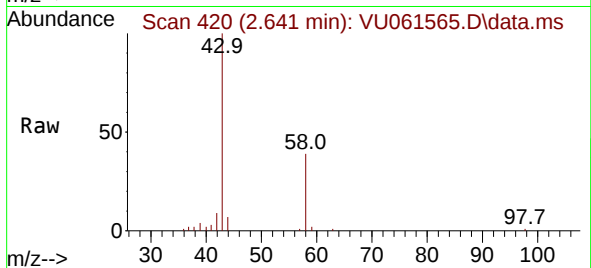
ClientSampleId :

Tgt Ion: 43 Resp: 23790

Ion Ratio Lower Upper

43 100

58 37.2 0.0 73.2



#15

Methyl Acetate

Concen: 14.341 ug/L

RT: 2.840 min Scan# 482

Delta R.T. -0.116 min

Lab File: VU061565.D

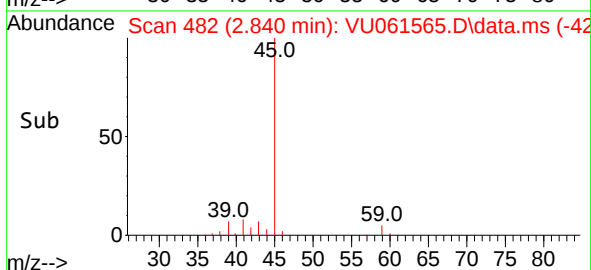
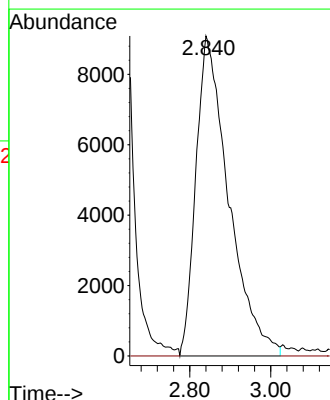
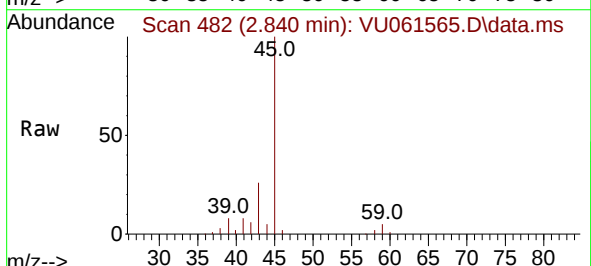
Acq: 08 Nov 2024 23:20

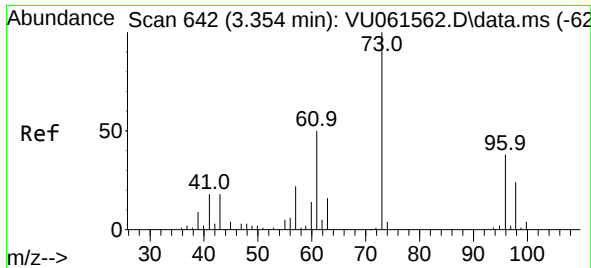
Tgt Ion: 43 Resp: 51007

Ion Ratio Lower Upper

43 100

74 0.0 22.2 33.4#

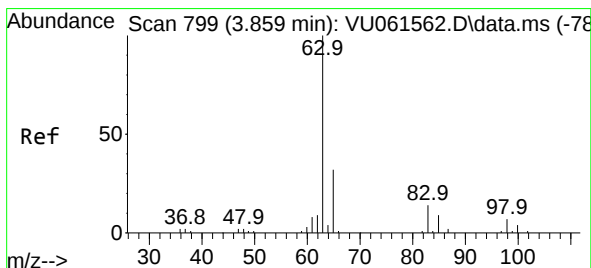
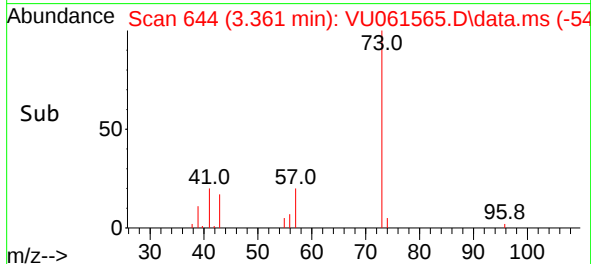
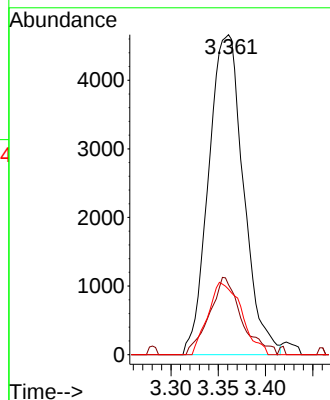
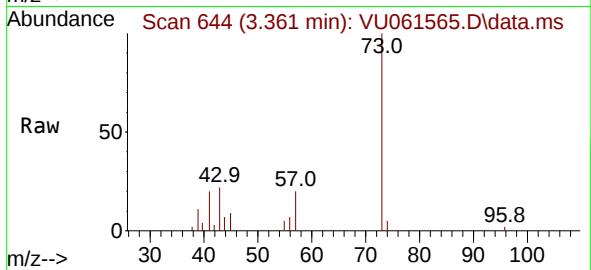




#17
Methyl tert-butyl Ether
Concen: 0.454 ug/L
RT: 3.361 min Scan# 64
Delta R.T. 0.007 min
Lab File: VU061565.D
Acq: 08 Nov 2024 23:20

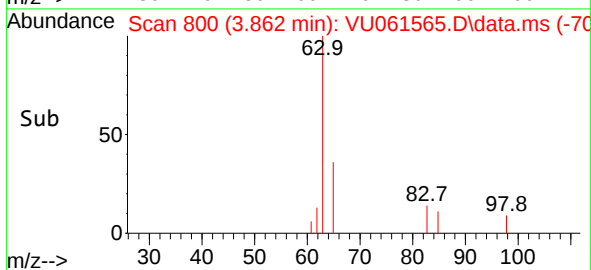
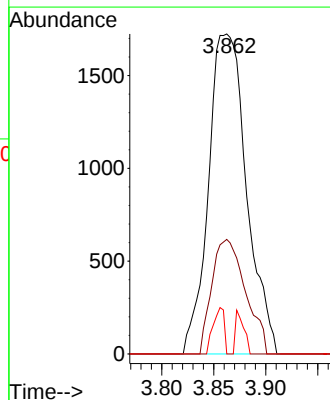
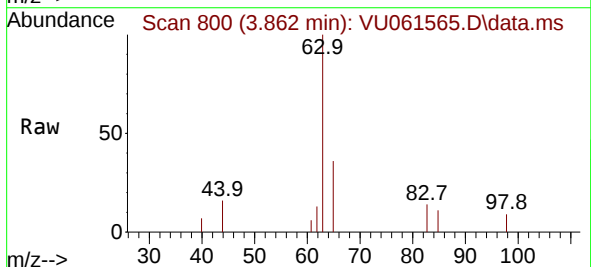
Instrument :
MSVOA_U
ClientSampleId :

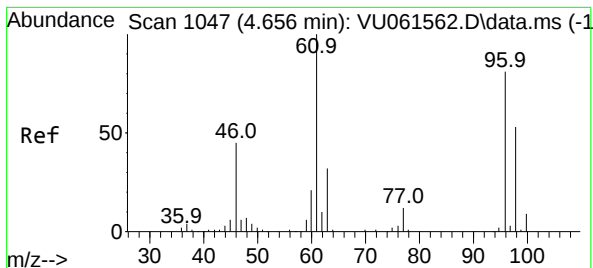
Tgt Ion: 73	Resp:	11950
Ion	Ratio	Lower Upper
73	100	
43	22.3	15.0 22.4
57	21.8	17.0 25.6



#19
1,1-Dichloroethane
Concen: 0.217 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU061565.D
Acq: 08 Nov 2024 23:20

Tgt Ion: 63	Resp:	4397
Ion	Ratio	Lower Upper
63	100	
65	35.8	23.0 42.6
83	0.0	9.7 17.9





#22

cis-1,2-Dichloroethene

Concen: 0.679 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU061565.D

Acq: 08 Nov 2024 23:20

Instrument :

MSVOA_U

ClientSampleId :

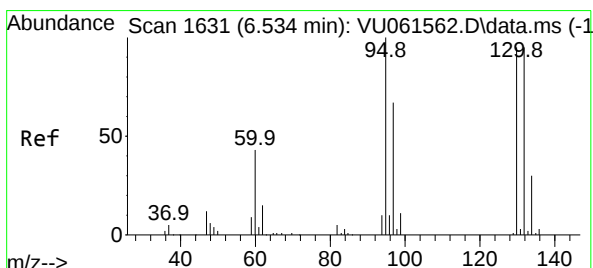
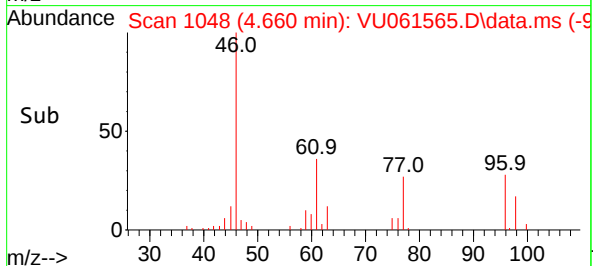
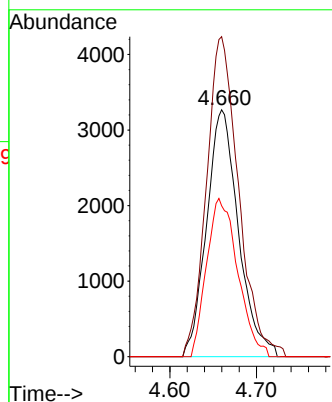
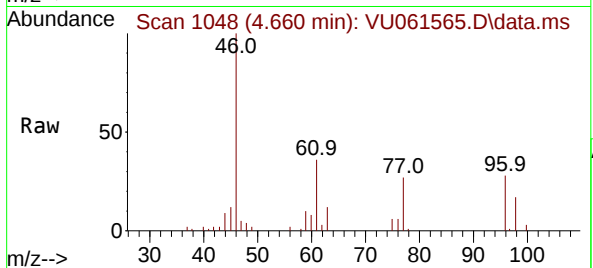
Tgt Ion: 96 Resp: 8334

Ion Ratio Lower Upper

96 100

61 124.2 88.1 163.5

98 58.6 45.0 83.6



#34

Trichloroethene

Concen: 18.102 ug/L

RT: 6.531 min Scan# 1630

Delta R.T. -0.003 min

Lab File: VU061565.D

Acq: 08 Nov 2024 23:20

Tgt Ion: 95 Resp: 241544

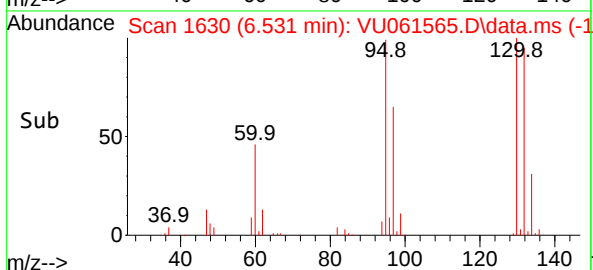
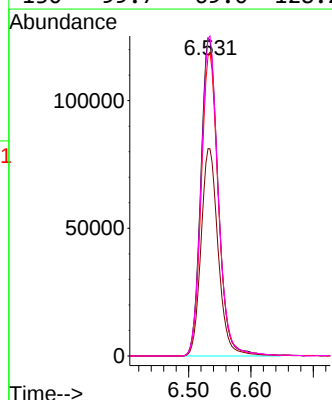
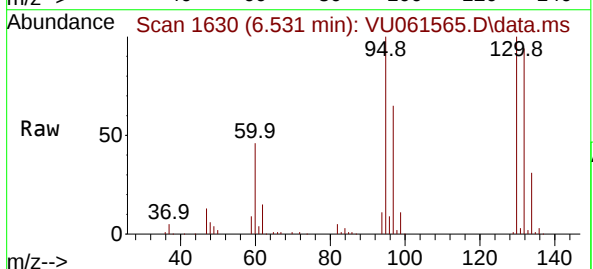
Ion Ratio Lower Upper

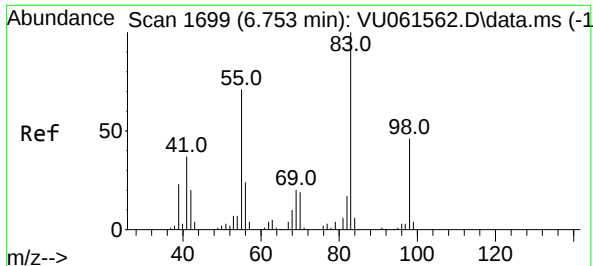
95 100

97 65.2 46.1 85.7

132 94.3 66.1 122.7

130 99.7 69.0 128.2





#35

Methylcyclohexane

Concen: 0.658 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU061565.D

Acq: 08 Nov 2024 23:20

Instrument :

MSVOA_U

ClientSampleId :

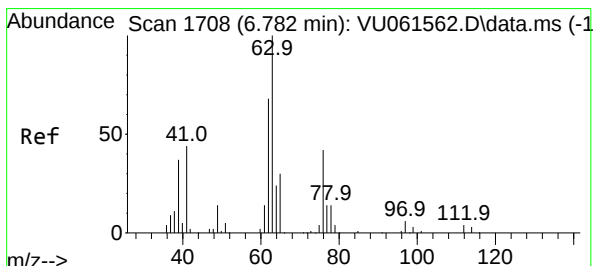
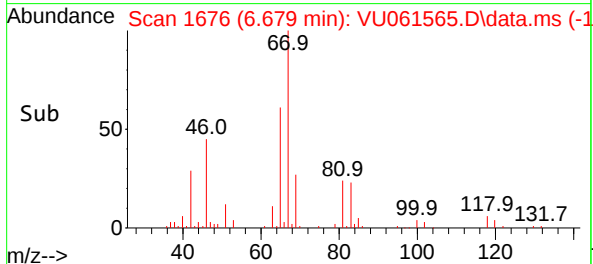
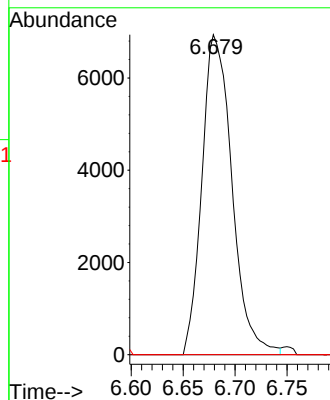
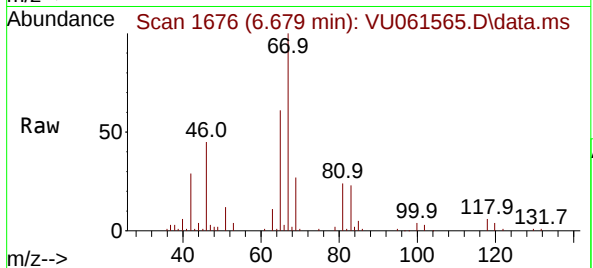
Tgt Ion: 83 Resp: 13977

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: 0.532 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU061565.D

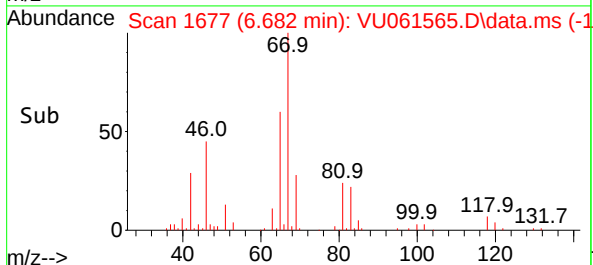
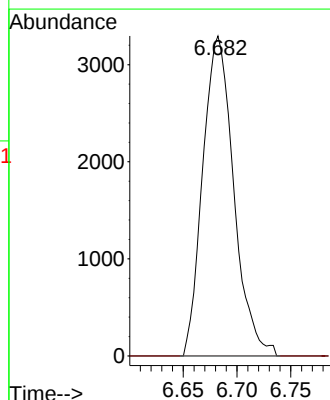
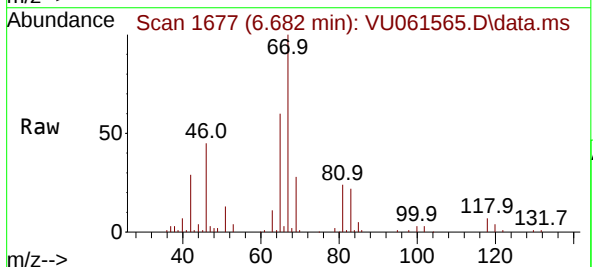
Acq: 08 Nov 2024 23:20

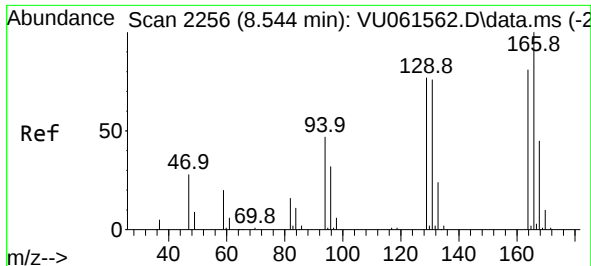
Tgt Ion: 63 Resp: 6609

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#47

Tetrachloroethene

Concen: 8.790 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

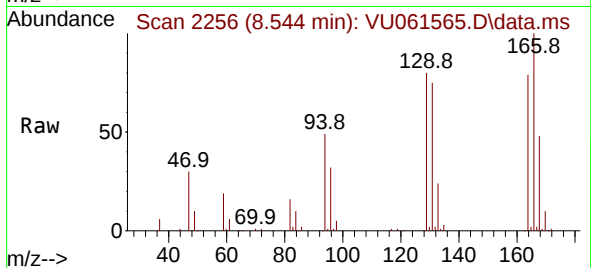
Lab File: VU061565.D

Acq: 08 Nov 2024 23:20

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 81920

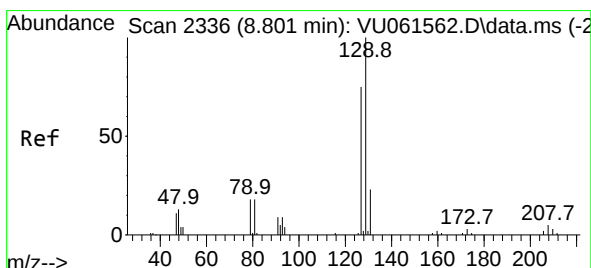
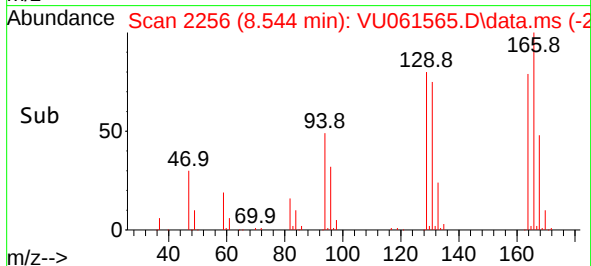
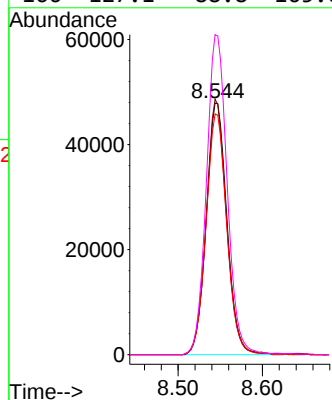
Ion Ratio Lower Upper

164 100

129 101.5 69.9 129.7

131 95.7 68.3 126.8

166 127.1 88.8 165.0



#49

Dibromochloromethane

Concen: 7.978 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.257 min

Lab File: VU061565.D

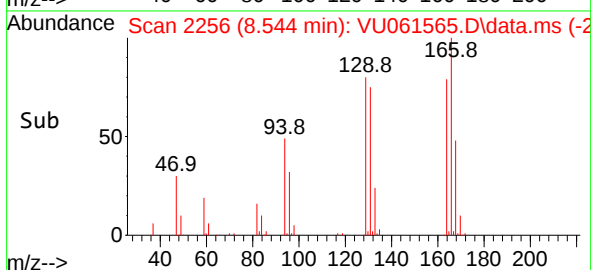
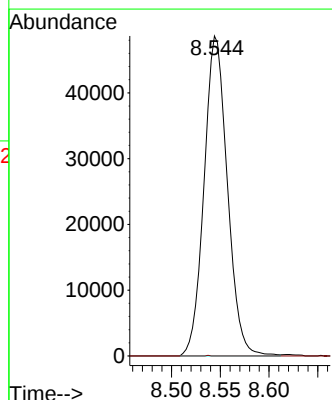
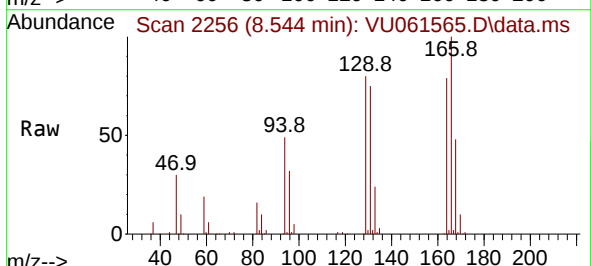
Acq: 08 Nov 2024 23:20

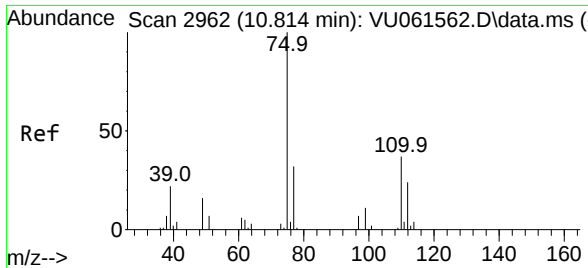
Tgt Ion:129 Resp: 80967

Ion Ratio Lower Upper

129 100

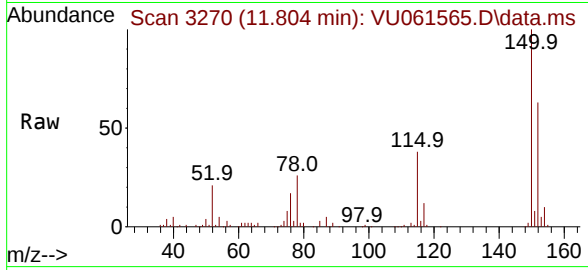
127 0.0 51.8 96.2#





#61
1,2,3-Trichloropropane
Concen: 1.328 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU061565.D
Acq: 08 Nov 2024 23:20

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 8846
Ion Ratio Lower Upper
75 100
110 1.0 28.8 43.2#
77 29.8 25.7 38.5

