

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110824\
 Data File : VU061566.D
 Acq On : 08 Nov 2024 23:44
 Operator : MD/SY
 Sample : P4748-09
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 11 00:08:57 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)

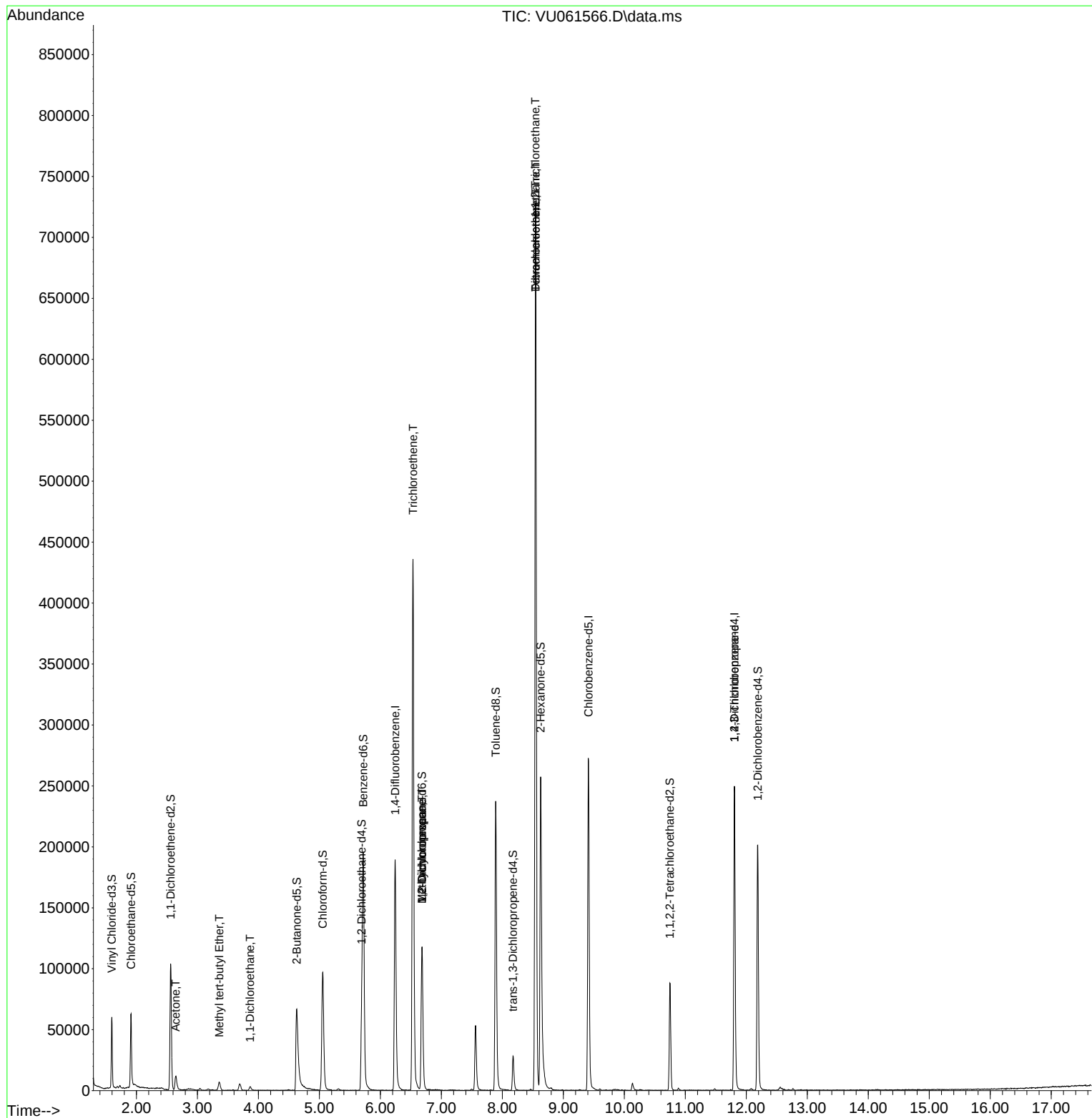
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	166229	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	158409	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	68310	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	39680	3.514	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.200%
7) Chloroethane-d5	1.911	69	42571	4.112	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.560	65	19034	3.940	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	4.628	46	107452	46.869	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.740%
24) Chloroform-d	5.052	84	92977	4.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.692	65	48757	4.564	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	5.718	84	191839	4.298	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.679	67	59702	4.449	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.891	98	167307	4.009	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	8.174	79	17782	3.246	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.000%
46) 2-Hexanone-d5	8.627	63	96308	42.927	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.860%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	45088	4.443	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	55628	4.599	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
13) Acetone	2.644	43	15477	10.659	ug/L	98
17) Methyl tert-butyl Ether	3.358	73	8502	0.319	ug/L	96
19) 1,1-Dichloroethane	3.862	63	3810	0.186	ug/L #	92
34) Trichloroethene	6.534	95	148938	11.176	ug/L	98
35) Methylcyclohexane	6.679	83	13867	0.654	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	6330	0.510	ug/L #	89
45) 1,1,2-Trichloroethane	8.541	97	1364	0.153	ug/L #	1
47) Tetrachloroethene	8.544	164	156810	16.848	ug/L	98
49) Dibromochloromethane	8.544	129	155846	15.376	ug/L #	12
61) 1,2,3-Trichloropropane	11.804	75	8546	1.256	ug/L #	68

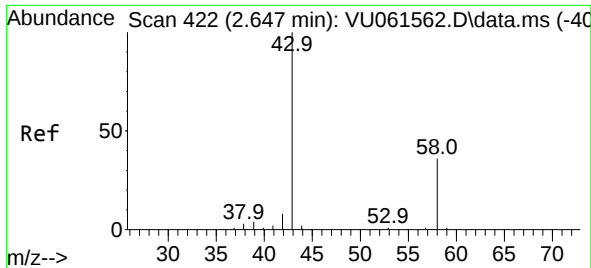
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.659 ug/L

RT: 2.644 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU061566.D

Acq: 08 Nov 2024 23:44

Instrument :

MSVOA_U

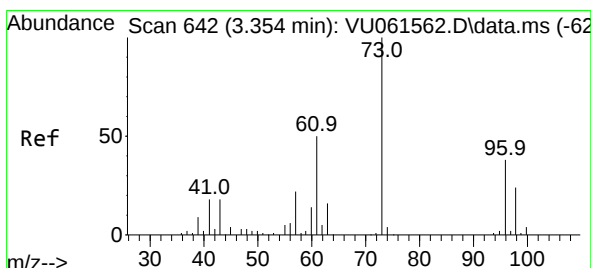
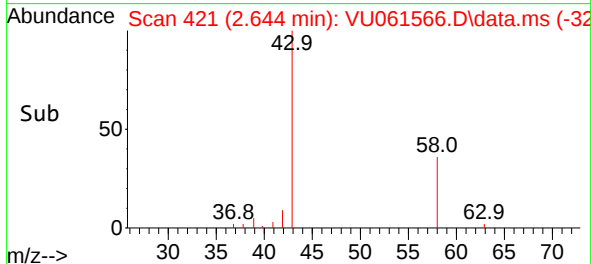
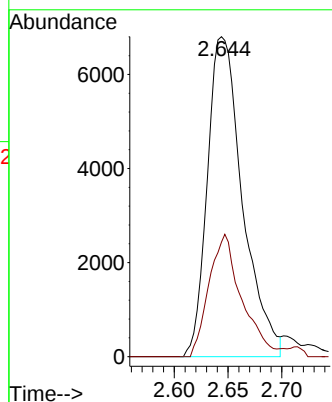
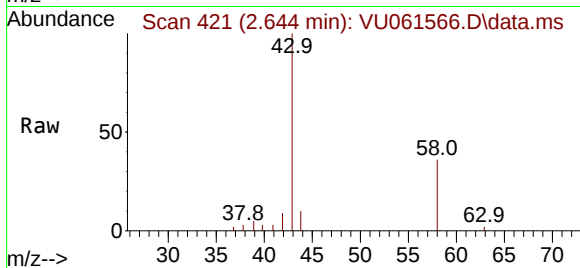
ClientSampleId :

Tgt Ion: 43 Resp: 15477

Ion Ratio Lower Upper

43 100

58 35.5 0.0 73.2



#17

Methyl tert-butyl Ether

Concen: 0.319 ug/L

RT: 3.358 min Scan# 643

Delta R.T. 0.003 min

Lab File: VU061566.D

Acq: 08 Nov 2024 23:44

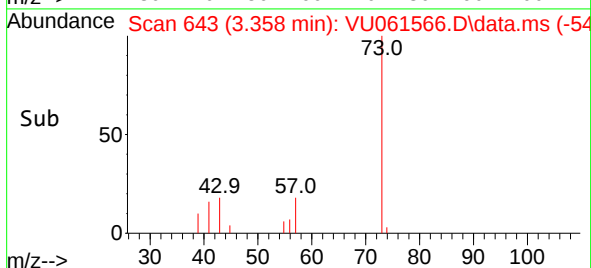
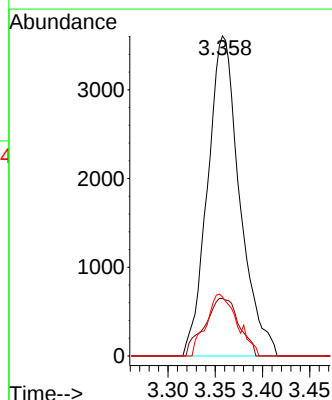
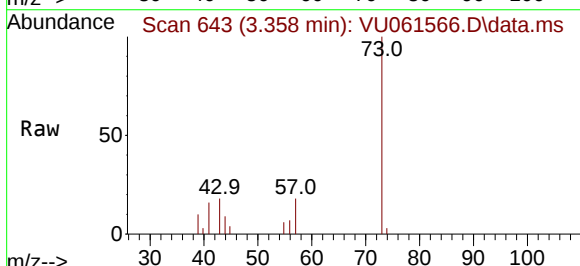
Tgt Ion: 73 Resp: 8502

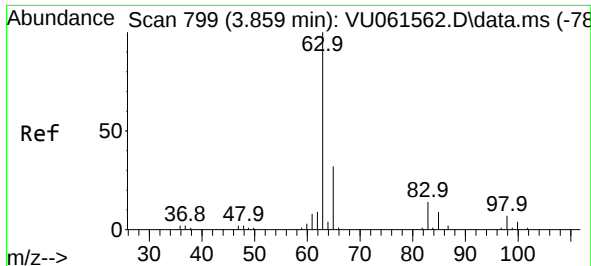
Ion Ratio Lower Upper

73 100

43 19.4 15.0 22.4

57 18.6 17.0 25.6





#19

1,1-Dichloroethane

Concen: 0.186 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU061566.D

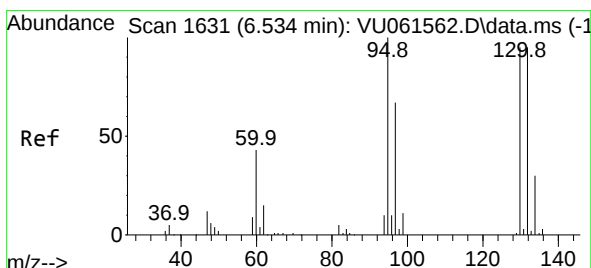
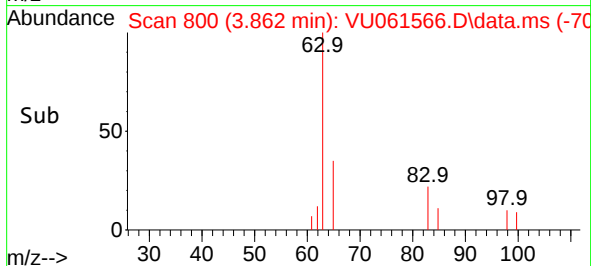
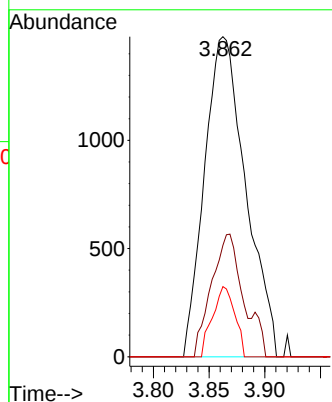
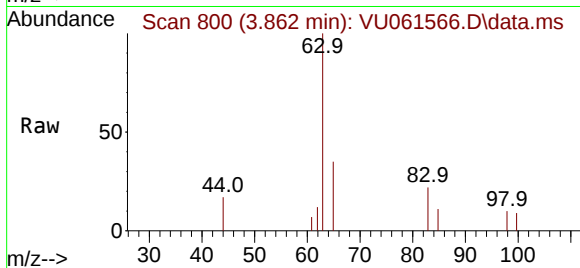
Acq: 08 Nov 2024 23:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	3810
Ion	Ratio	Lower	Upper
63	100		
65	34.8	23.0	42.6
83	21.9	9.7	17.9



#34

Trichloroethene

Concen: 11.176 ug/L

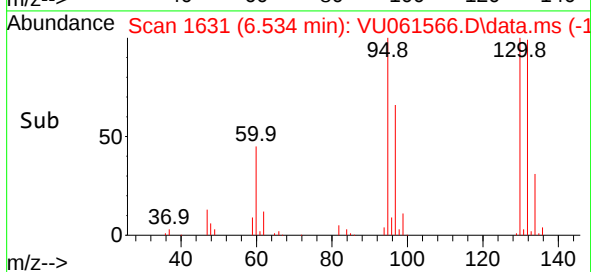
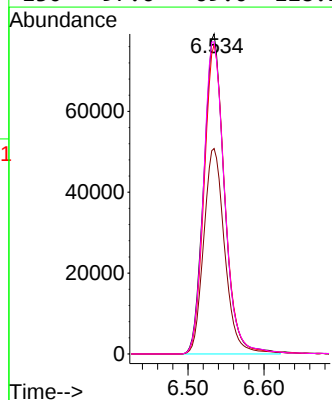
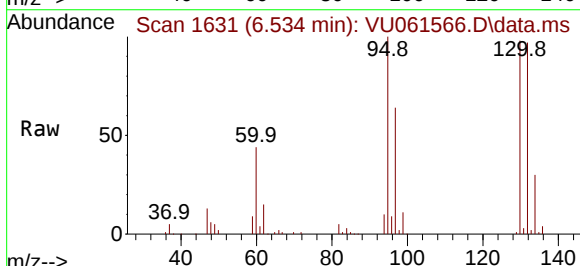
RT: 6.534 min Scan# 1631

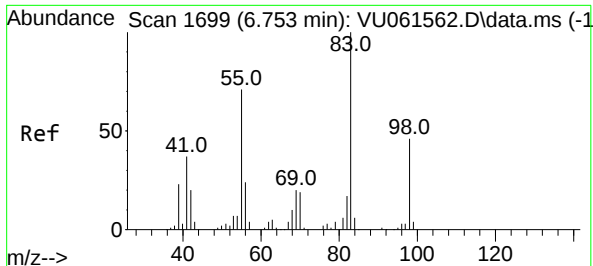
Delta R.T. 0.000 min

Lab File: VU061566.D

Acq: 08 Nov 2024 23:44

Tgt Ion:	95	Resp:	148938
Ion	Ratio	Lower	Upper
95	100		
97	64.2	46.1	85.7
132	96.6	66.1	122.7
130	97.6	69.0	128.2





#35

Methylcyclohexane

Concen: 0.654 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU061566.D

Acq: 08 Nov 2024 23:44

Instrument :

MSVOA_U

ClientSampleId :

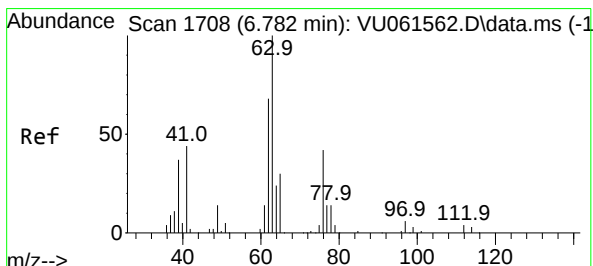
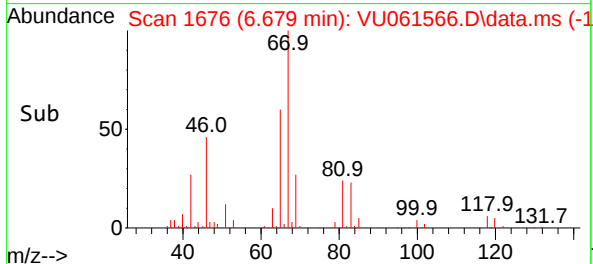
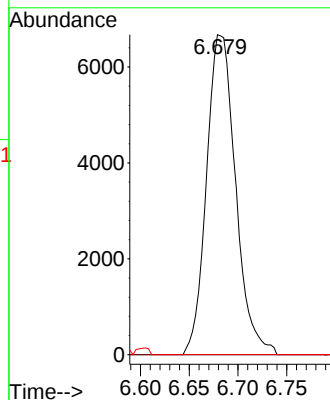
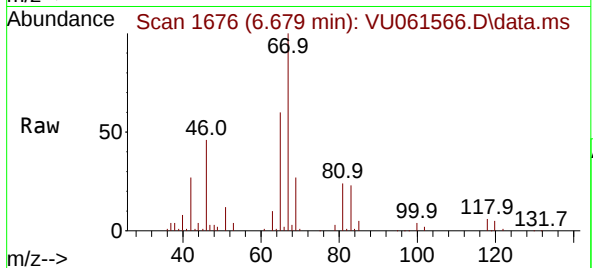
Tgt Ion: 83 Resp: 13867

Ion Ratio Lower Upper

83 100

55 0.1 55.9 83.9#

98 0.0 35.9 53.9#



#37

1,2-Dichloropropane

Concen: 0.510 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU061566.D

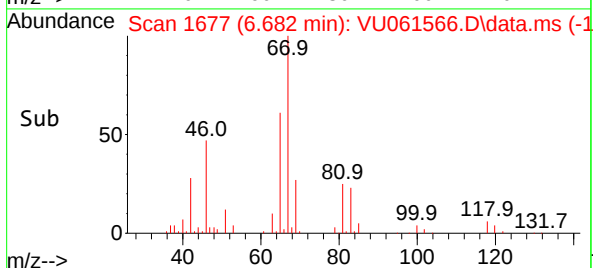
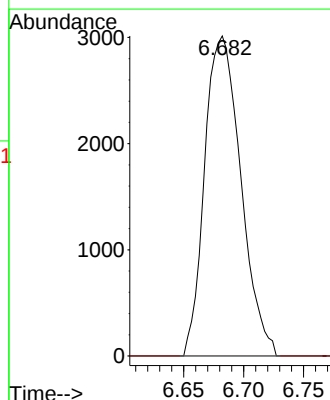
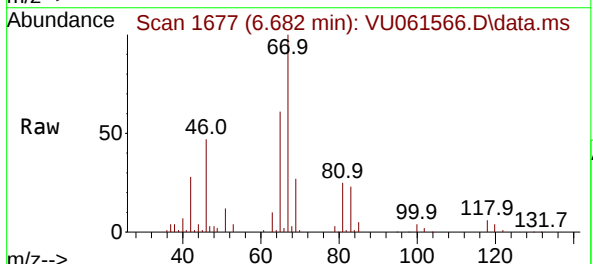
Acq: 08 Nov 2024 23:44

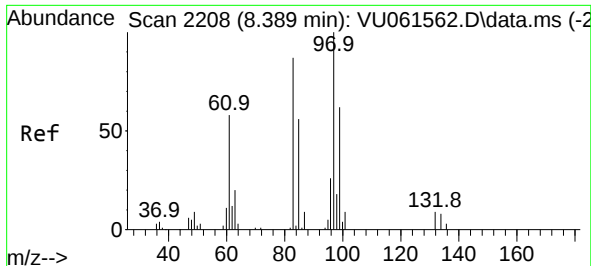
Tgt Ion: 63 Resp: 6330

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#45

1,1,2-Trichloroethane

Concen: 0.153 ug/L

RT: 8.541 min Scan# 2208

Delta R.T. 0.151 min

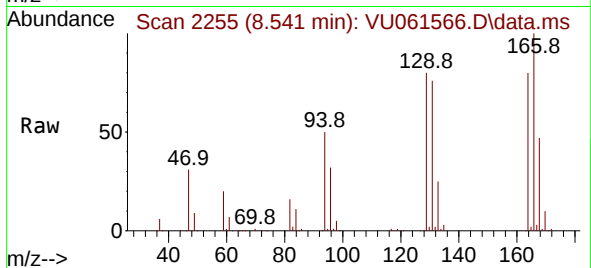
Lab File: VU061566.D

Acq: 08 Nov 2024 23:44

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 97 Resp: 1364

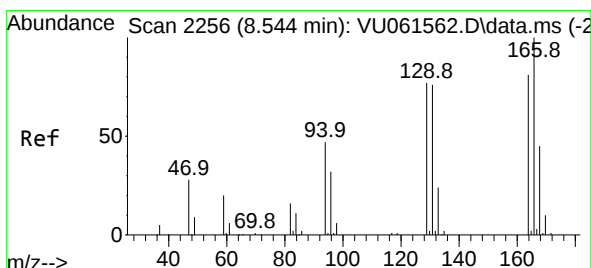
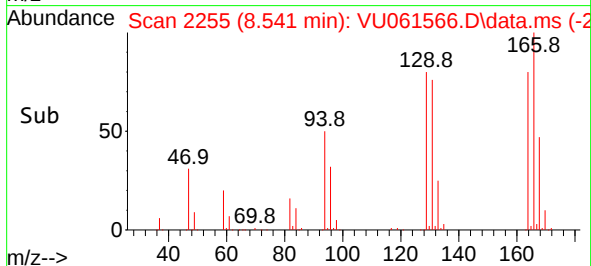
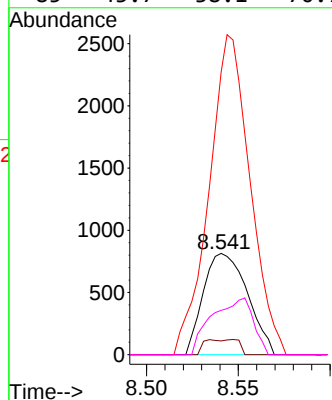
Ion Ratio Lower Upper

97 100

99 13.6 44.1 81.9#

83 279.1 61.2 113.6#

85 43.7 38.1 70.7



#47

Tetrachloroethene

Concen: 16.848 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VU061566.D

Acq: 08 Nov 2024 23:44

Tgt Ion:164 Resp: 156810

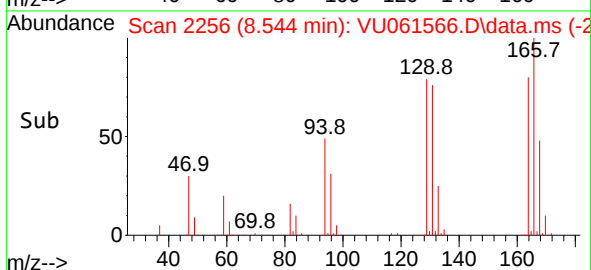
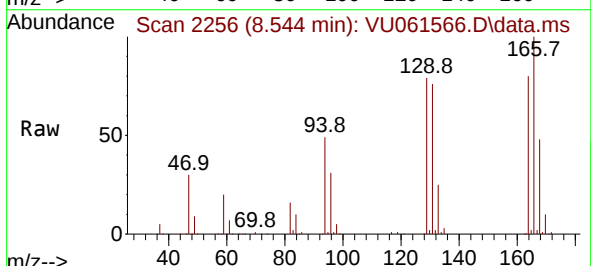
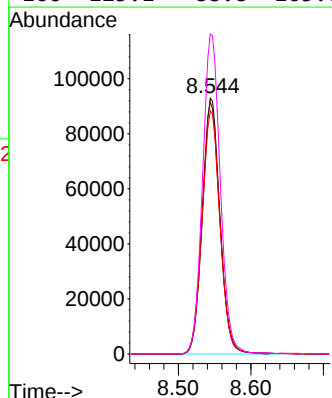
Ion Ratio Lower Upper

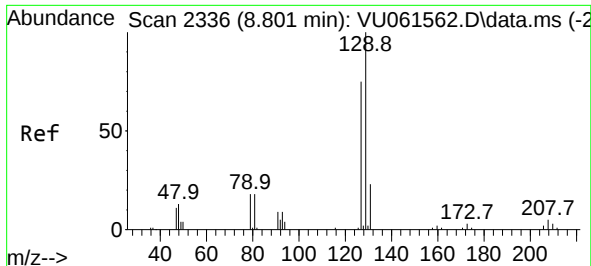
164 100

129 98.6 69.9 129.7

131 95.0 68.3 126.8

166 125.1 88.8 165.0





#49

Dibromochloromethane

Concen: 15.376 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU061566.D

Acq: 08 Nov 2024 23:44

Instrument :

MSVOA_U

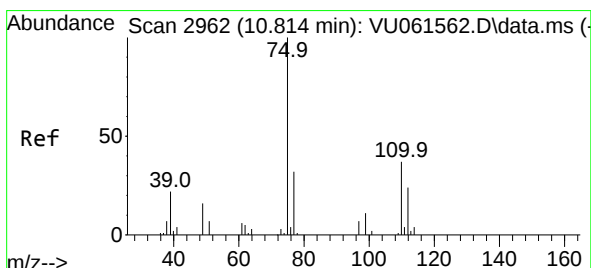
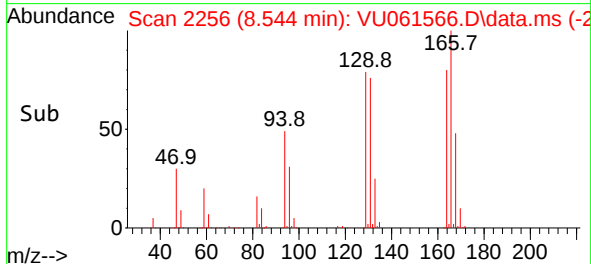
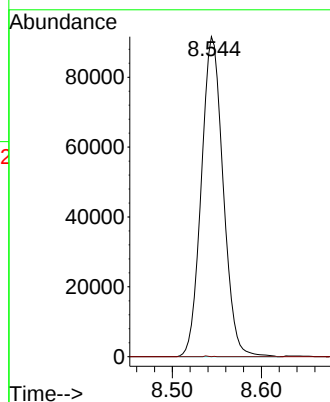
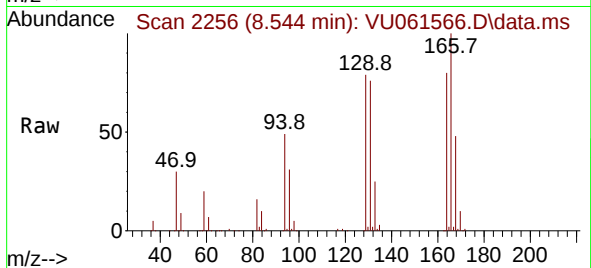
ClientSampleId :

Tgt Ion:129 Resp: 155846

Ion Ratio Lower Upper

129 100

127 0.0 51.8 96.2#



#61

1,2,3-Trichloropropane

Concen: 1.256 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU061566.D

Acq: 08 Nov 2024 23:44

Tgt Ion: 75 Resp: 8546

Ion Ratio Lower Upper

75 100

110 0.5 28.8 43.2#

77 32.1 25.7 38.5

