

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061936.D
 Acq On : 21 Nov 2024 23:36
 Operator : MD/SY
 Sample : P4903-14
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 22 00:09:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 00:07:48 2024
 Response via : Initial Calibration

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

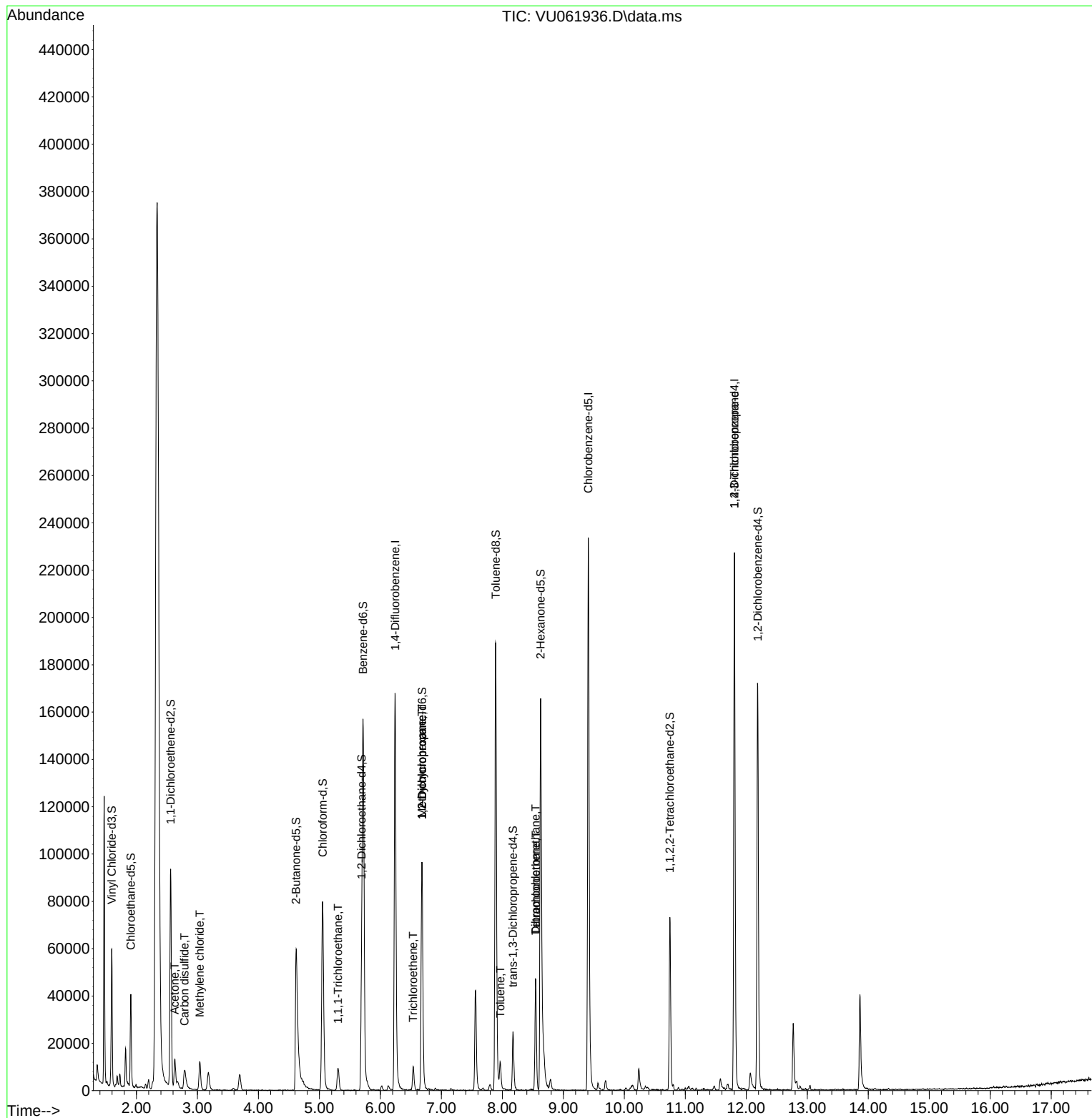
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	141060	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	136292	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.805	152	61816	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	38076	5.503	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.000%
7) Chloroethane-d5	1.908	69	29710	4.854	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.561	65	18169	6.573	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	131.400%#
20) 2-Butanone-d5	4.618	46	88042	40.520	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.040%
24) Chloroform-d	5.052	84	77846	4.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.692	65	39566	4.554	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	5.715	84	156112	5.879	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.600%
36) 1,2-Dichloropropane-d6	6.683	67	49530	5.489	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.800%
41) Toluene-d8	7.892	98	135311	6.109	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.200%
43) trans-1,3-Dichloroprop...	8.174	79	15728	4.708	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.625	63	58790	38.559	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.120%
56) 1,1,2,2-Tetrachloroeth...	10.747	84	37226	4.129	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	46770	5.117	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
13) Acetone	2.628	43	14140	9.426	ug/L	89
14) Carbon disulfide	2.786	76	4186	0.139	ug/L #	91
16) Methylene chloride	3.036	84	6079	0.535	ug/L	94
29) 1,1,1-Trichloroethane	5.303	97	7313	0.466	ug/L	97
34) Trichloroethene	6.538	95	3898	0.355	ug/L	89
35) Methylcyclohexane	6.679	83	11249	0.669	ug/L #	20
37) 1,2-Dichloropropane	6.683	63	5007	0.468	ug/L #	87
42) Toluene	7.965	91	9078	0.210	ug/L	89
47) Tetrachloroethene	8.547	164	10597	1.326	ug/L	95
49) Dibromochloromethane	8.544	129	10828	1.301	ug/L #	13
61) 1,2,3-Trichloropropane	11.805	75	7304	1.022	ug/L #	66

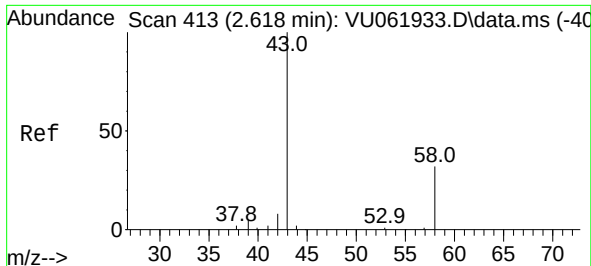
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
Data File : VU061936.D
Acq On : 21 Nov 2024 23:36
Operator : MD/SY
Sample : P4903-14
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 22 00:09:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 22 00:07:48 2024
Response via : Initial Calibration





#13

Acetone

Concen: 9.426 ug/L

RT: 2.628 min Scan# 413

Delta R.T. 0.010 min

Lab File: VU061936.D

Acq: 21 Nov 2024 23:36

Instrument :

MSVOA_U

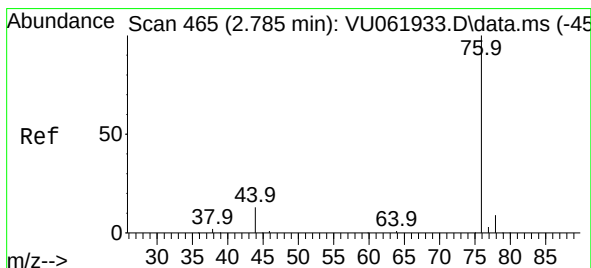
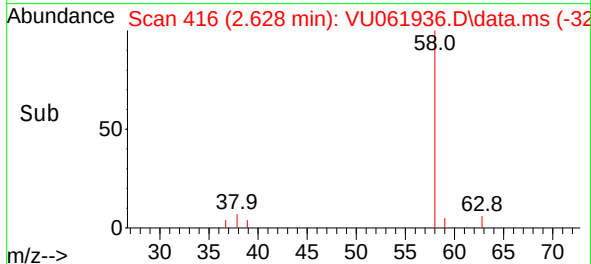
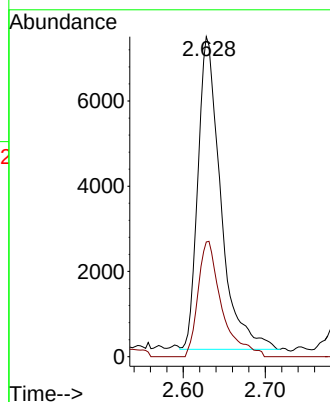
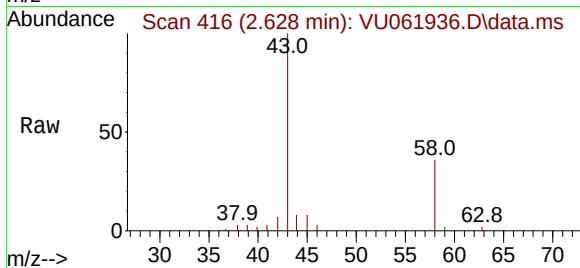
ClientSampleId :

Tgt Ion: 43 Resp: 14140

Ion Ratio Lower Upper

43 100

58 38.2 0.0 64.0



#14

Carbon disulfide

Concen: 0.139 ug/L

RT: 2.786 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU061936.D

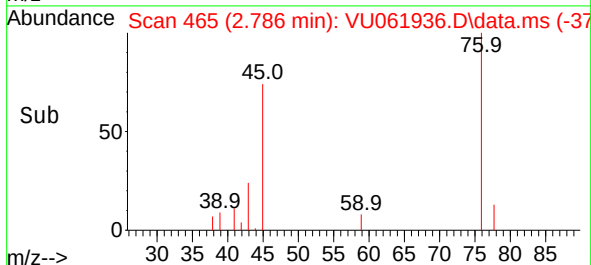
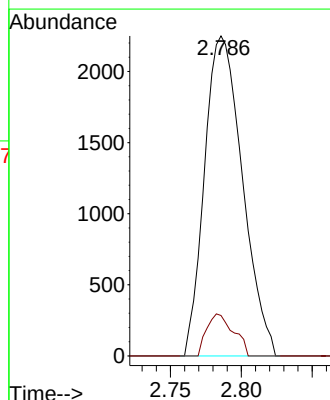
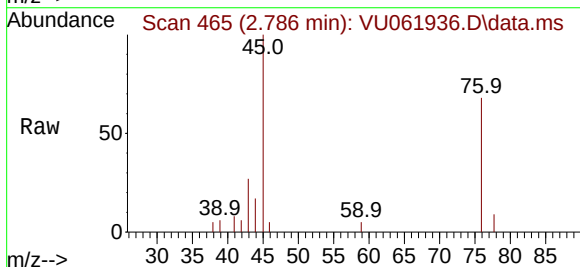
Acq: 21 Nov 2024 23:36

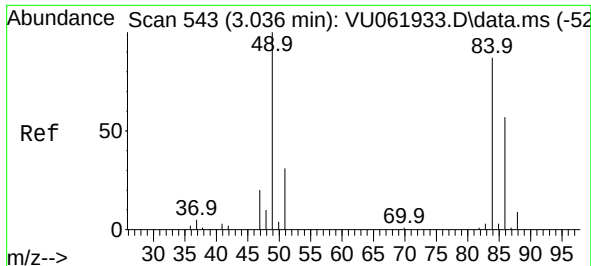
Tgt Ion: 76 Resp: 4186

Ion Ratio Lower Upper

76 100

78 12.6 7.5 11.3#





#16

Methylene chloride

Concen: 0.535 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

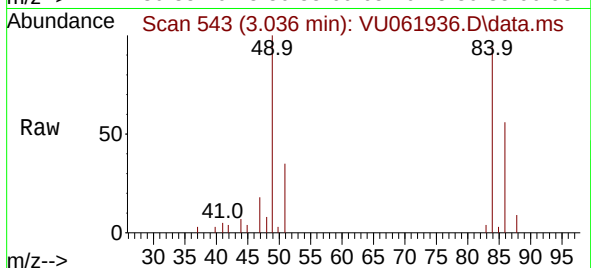
Lab File: VU061936.D

Acq: 21 Nov 2024 23:36

Instrument :

MSVOA_U

ClientSampleId :



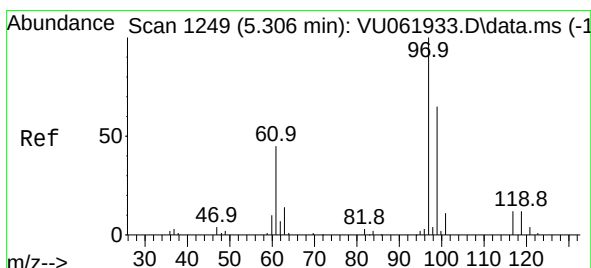
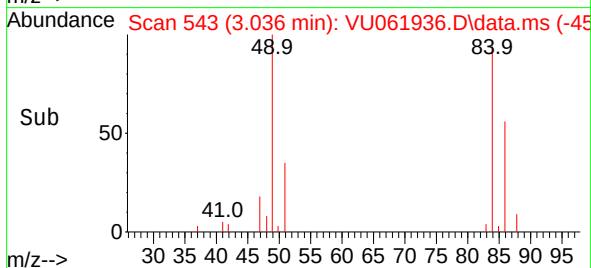
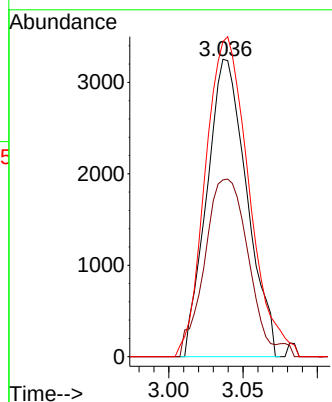
Tgt Ion: 84 Resp: 6079

Ion Ratio Lower Upper

84 100

86 59.5 43.5 80.7

49 109.2 81.9 152.1



#29

1,1,1-Trichloroethane

Concen: 0.466 ug/L

RT: 5.303 min Scan# 1248

Delta R.T. -0.003 min

Lab File: VU061936.D

Acq: 21 Nov 2024 23:36

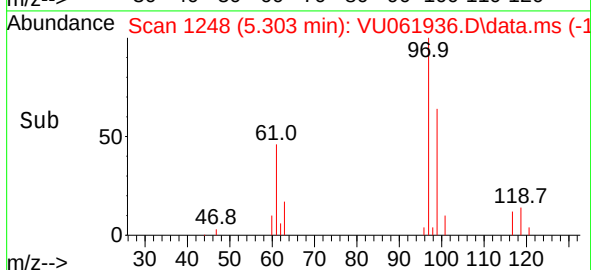
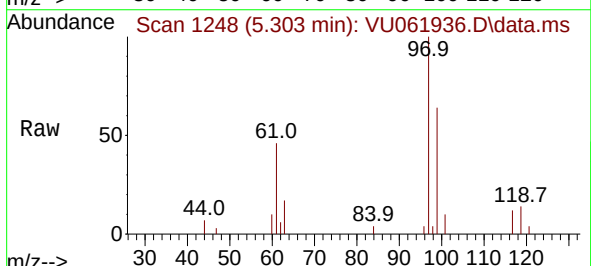
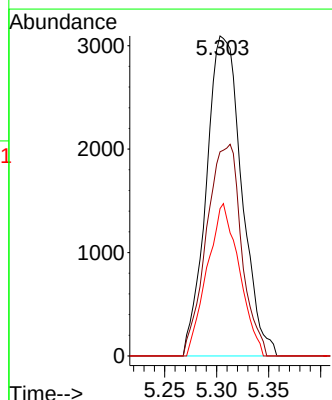
Tgt Ion: 97 Resp: 7313

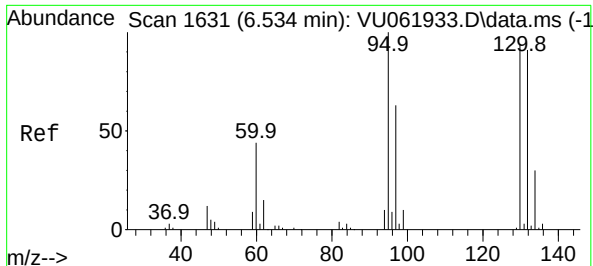
Ion Ratio Lower Upper

97 100

99 65.4 51.4 77.2

61 43.3 37.8 56.6





#34

Trichloroethene

Concen: 0.355 ug/L

RT: 6.538 min Scan# 1

Delta R.T. 0.004 min

Lab File: VU061936.D

Acq: 21 Nov 2024 23:36

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 3898

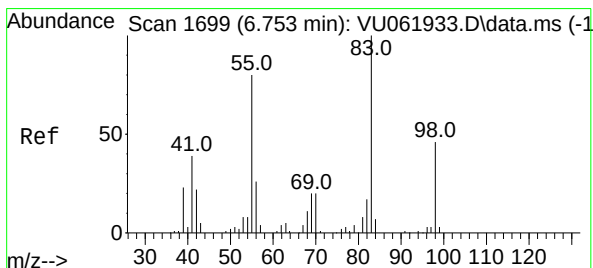
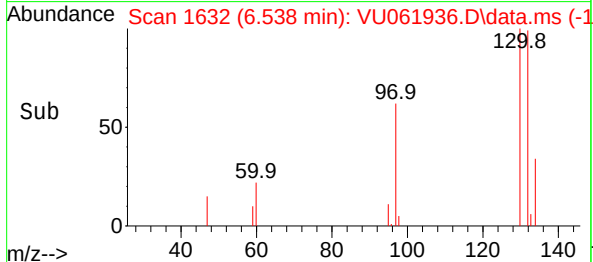
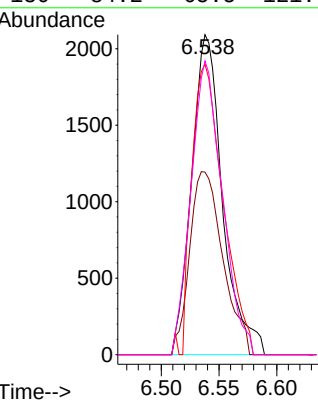
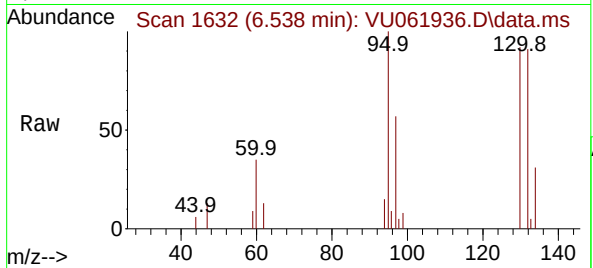
Ion Ratio Lower Upper

95 100

97 52.3 45.9 85.3

132 83.3 63.8 118.4

130 84.2 65.5 121.7



#35

Methylcyclohexane

Concen: 0.669 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.073 min

Lab File: VU061936.D

Acq: 21 Nov 2024 23:36

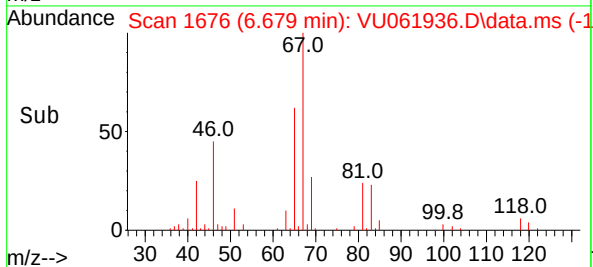
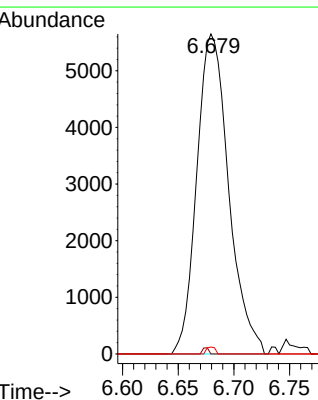
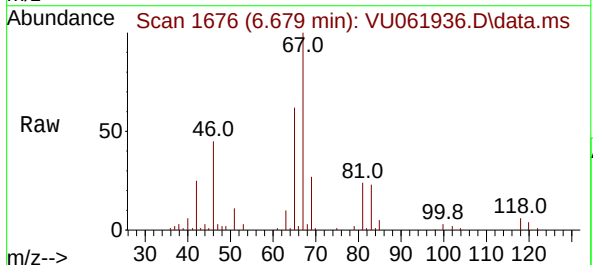
Tgt Ion: 83 Resp: 11249

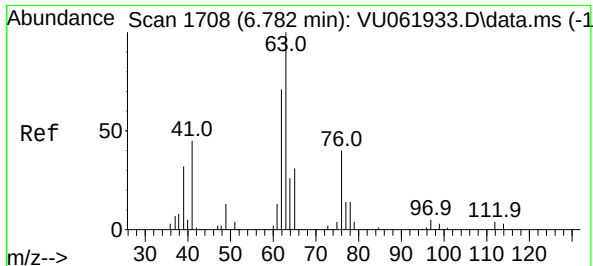
Ion Ratio Lower Upper

83 100

55 0.4 60.7 91.1#

98 0.6 34.8 52.2#

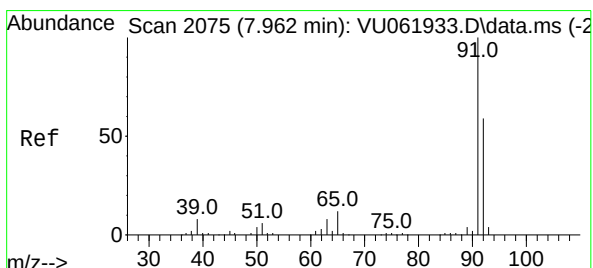
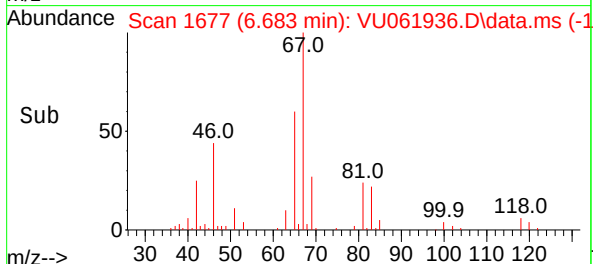
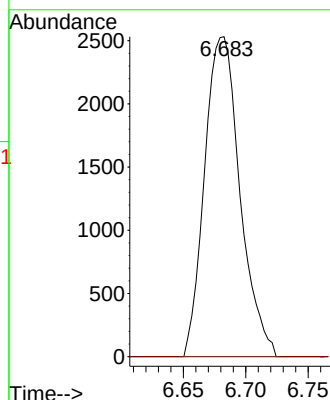
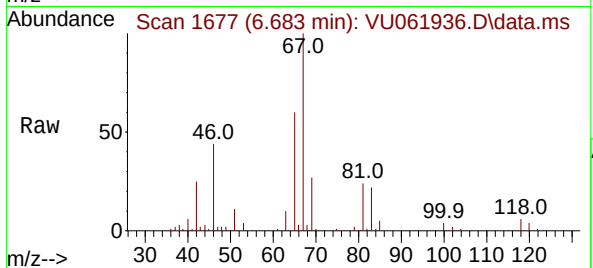




#37
1,2-Dichloropropane
Concen: 0.468 ug/L
RT: 6.683 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU061936.D
Acq: 21 Nov 2024 23:36

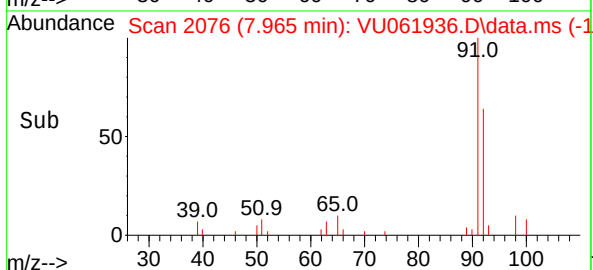
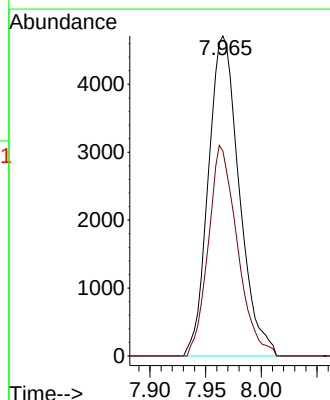
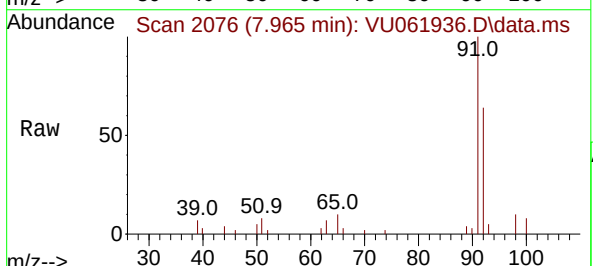
Instrument :
MSVOA_U
ClientSampleId :

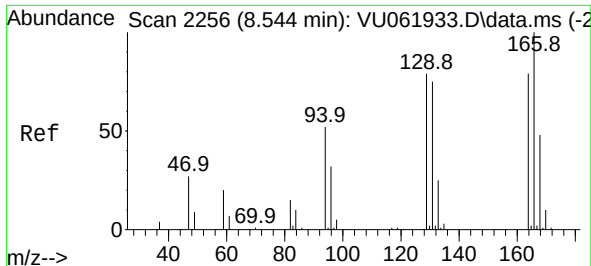
Tgt Ion: 63 Resp: 5007
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#42
Toluene
Concen: 0.210 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.004 min
Lab File: VU061936.D
Acq: 21 Nov 2024 23:36

Tgt Ion: 91 Resp: 9078
Ion Ratio Lower Upper
91 100
92 64.0 39.0 72.4





#47

Tetrachloroethene

Concen: 1.326 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.004 min

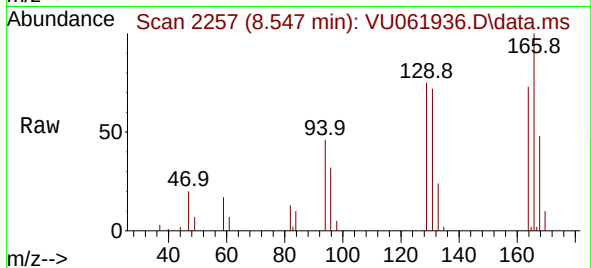
Lab File: VU061936.D

Acq: 21 Nov 2024 23:36

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 10597

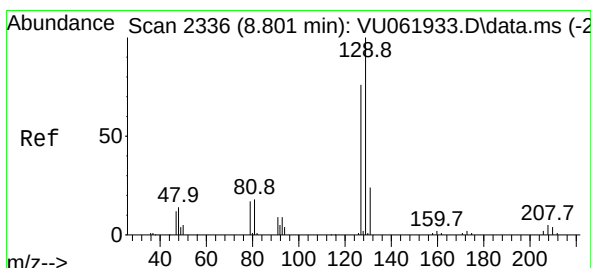
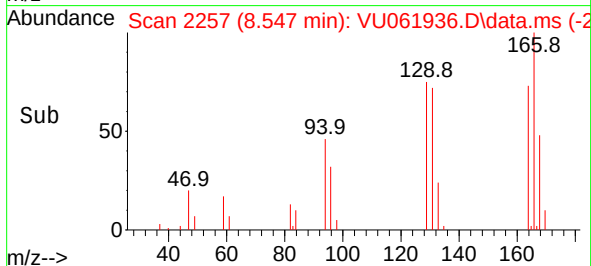
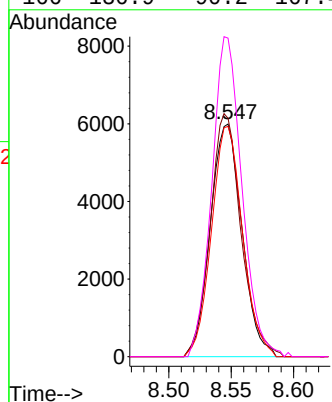
Ion Ratio Lower Upper

164 100

129 102.4 73.2 136.0

131 99.0 72.3 134.3

166 136.9 90.2 167.4



#49

Dibromochloromethane

Concen: 1.301 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.257 min

Lab File: VU061936.D

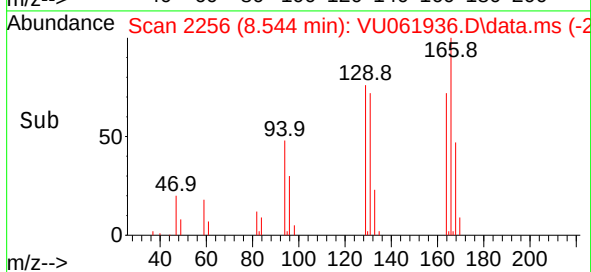
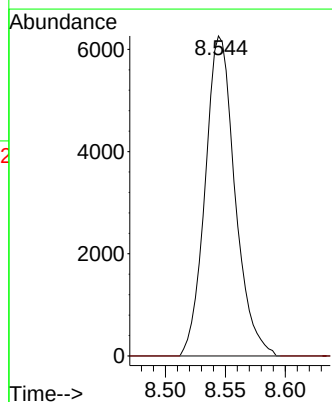
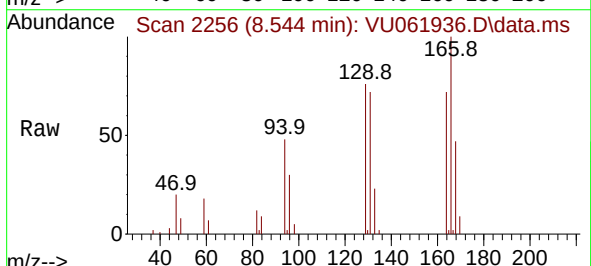
Acq: 21 Nov 2024 23:36

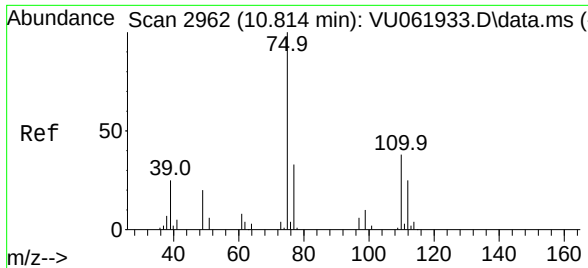
Tgt Ion:129 Resp: 10828

Ion Ratio Lower Upper

129 100

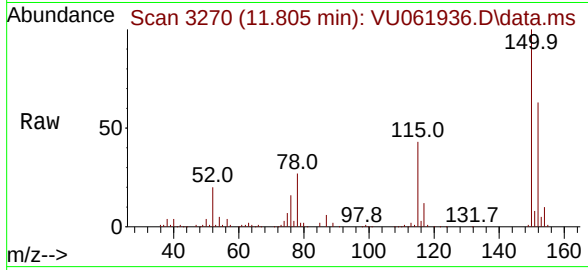
127 0.0 51.1 94.9#





#61
1,2,3-Trichloropropane
Concen: 1.022 ug/L
RT: 11.805 min Scan# 31
Delta R.T. 0.991 min
Lab File: VU061936.D
Acq: 21 Nov 2024 23:36

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 7304
Ion Ratio Lower Upper
75 100
110 0.7 28.9 43.3#
77 36.5 26.5 39.7

