

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110524\
 Data File : VU061461.D
 Acq On : 05 Nov 2024 18:38
 Operator : MD/SY
 Sample : P4689-13
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 06 00:05:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 05 23:59:28 2024
 Response via : Initial Calibration

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

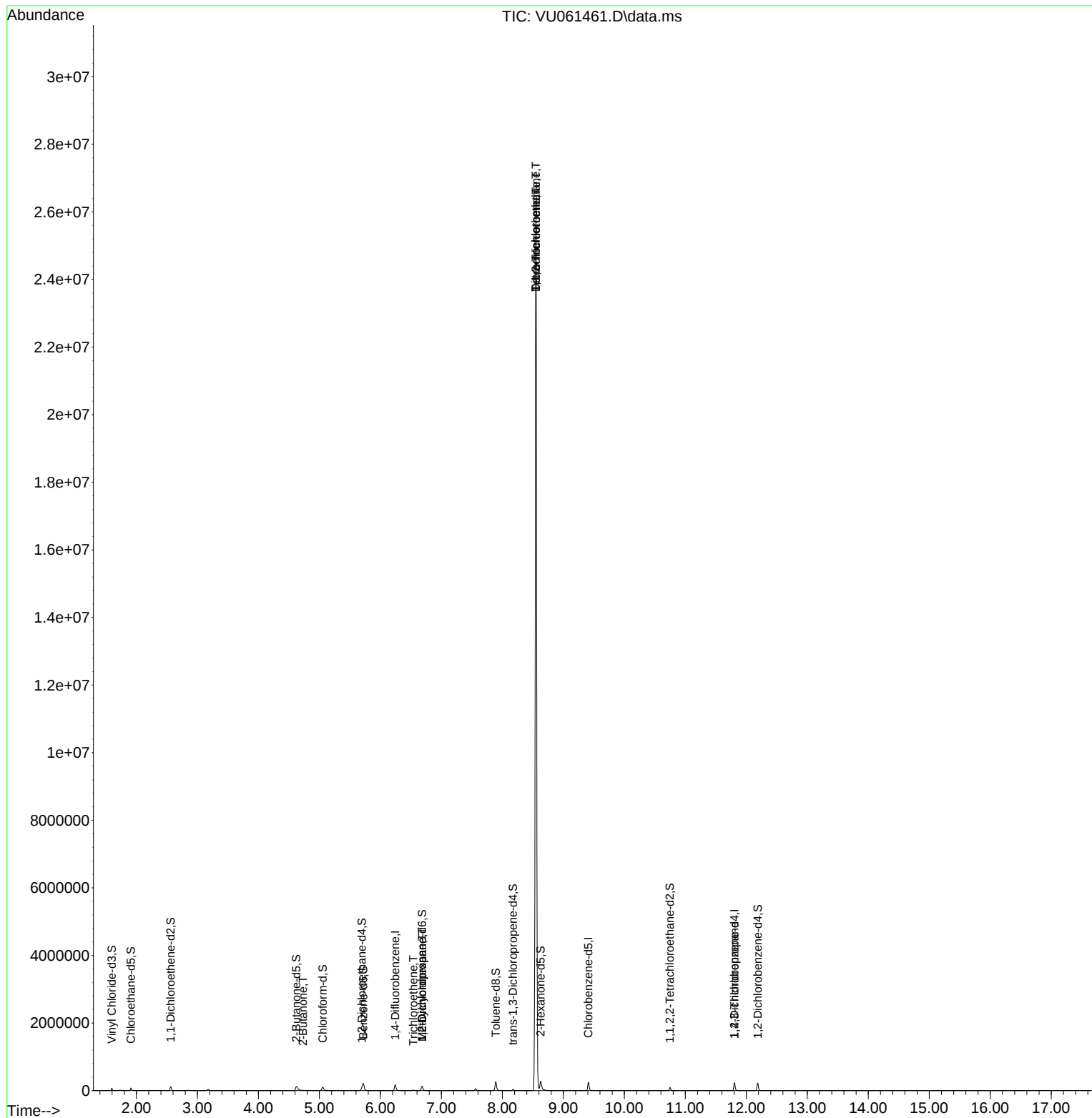
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	149943	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	142082	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	63385	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	48694	4.781	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.908	69	50573	5.416	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.400%
11) 1,1-Dichloroethene-d2	2.560	65	21920	5.030	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.600%
20) 2-Butanone-d5	4.621	46	110621	53.492	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.980%
24) Chloroform-d	5.055	84	99415	5.142	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	5.695	65	51757	5.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	5.718	84	208202	5.201	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
36) 1,2-Dichloropropane-d6	6.682	67	62284	5.175	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.891	98	186759	4.989	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
43) trans-1,3-Dichloroprop...	8.174	79	20554	4.183	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.628	63	95618	47.517	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.040%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	47002	5.164	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	59681	5.317	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						Qvalue
21) 2-Butanone	4.731	43	7821	3.767	ug/L	74
34) Trichloroethene	6.541	95	6258	0.524	ug/L	95
35) Methylcyclohexane	6.682	83	14635	0.769	ug/L #	22
37) 1,2-Dichloropropane	6.682	63	7028	0.631	ug/L #	89
45) 1,1,2-Trichloroethane	8.550	97	47836	5.968	ug/L #	1
47) Tetrachloroethene	8.550	164	5246965	628.509	ug/L	99
49) Dibromochloromethane	8.550	129	5284852	581.330	ug/L #	12
61) 1,2,3-Trichloropropane	11.804	75	7638	1.210	ug/L #	66

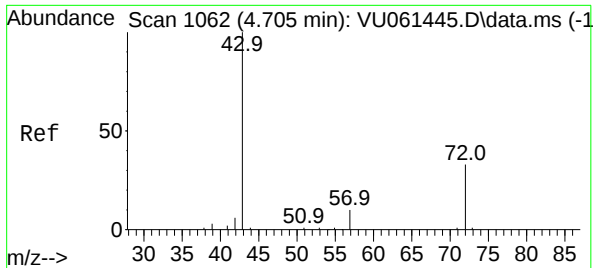
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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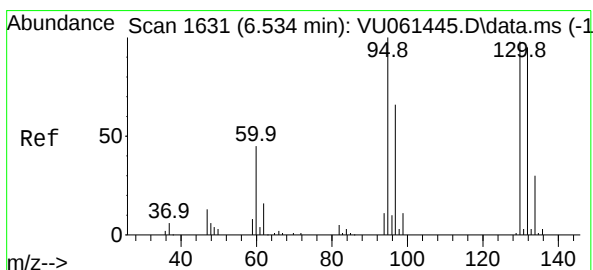
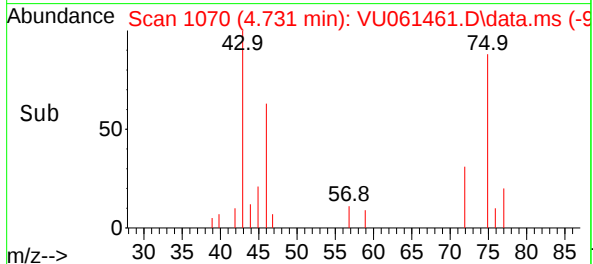
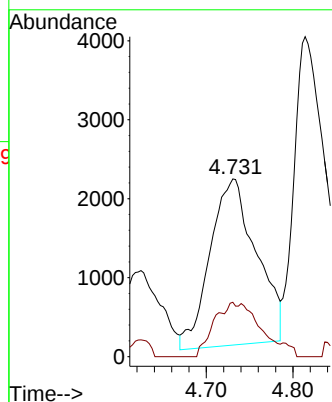
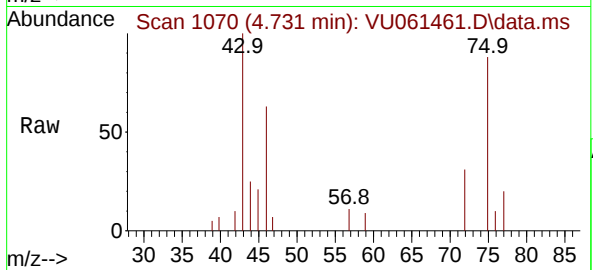




#21
2-Butanone
Concen: 3.767 ug/L
RT: 4.731 min Scan# 1062
Delta R.T. 0.026 min
Lab File: VU061461.D
Acq: 05 Nov 2024 18:38

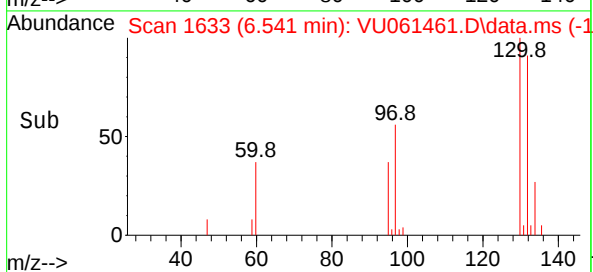
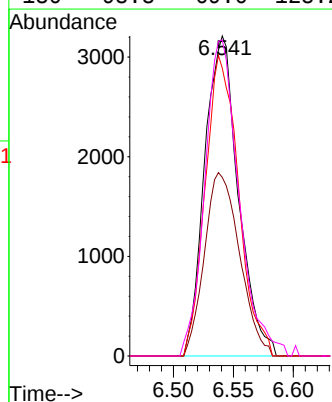
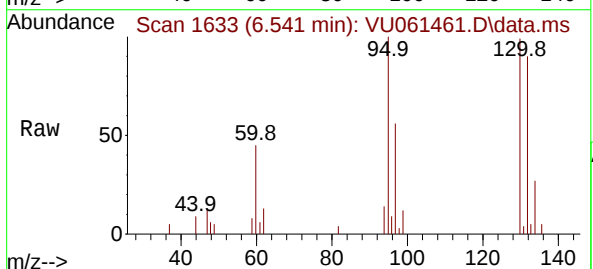
Instrument :
MSVOA_U
ClientSampleId :

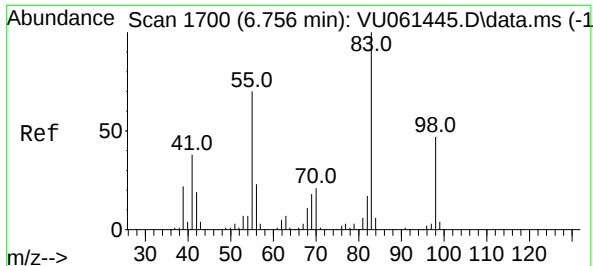
Tgt Ion: 43 Resp: 7821
Ion Ratio Lower Upper
43 100
72 17.1 15.9 47.6



#34
Trichloroethene
Concen: 0.524 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.007 min
Lab File: VU061461.D
Acq: 05 Nov 2024 18:38

Tgt Ion: 95 Resp: 6258
Ion Ratio Lower Upper
95 100
97 55.8 46.1 85.7
132 89.9 66.1 122.7
130 98.8 69.0 128.2

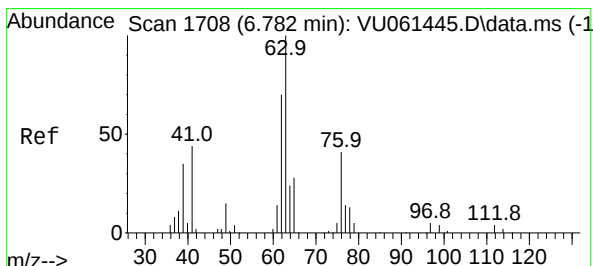
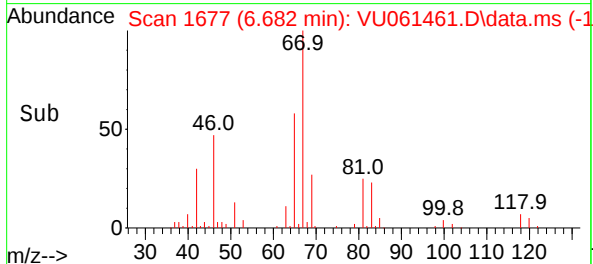
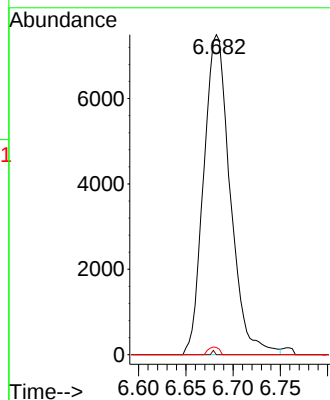
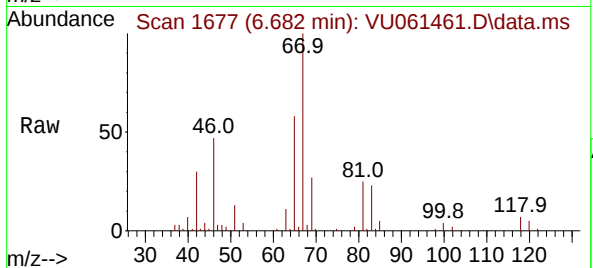




#35
Methylcyclohexane
Concen: 0.769 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU061461.D
Acq: 05 Nov 2024 18:38

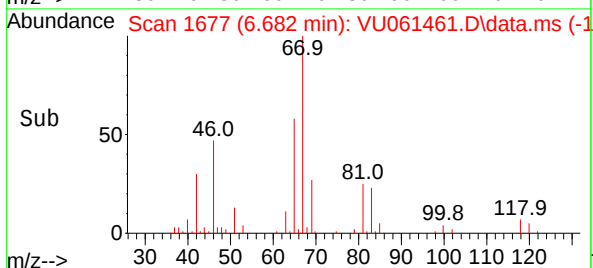
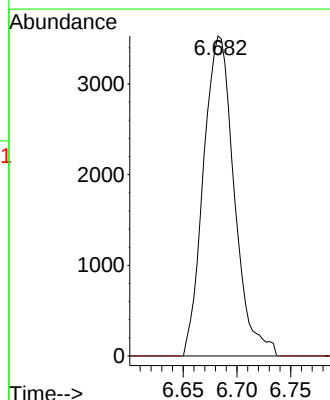
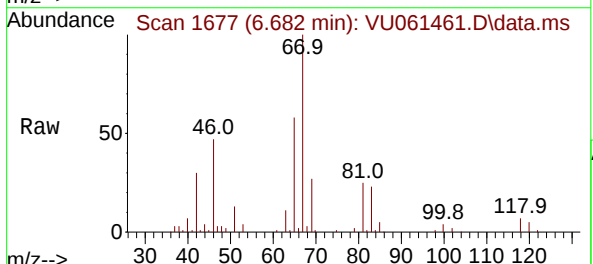
Instrument :
MSVOA_U
ClientSampleId :

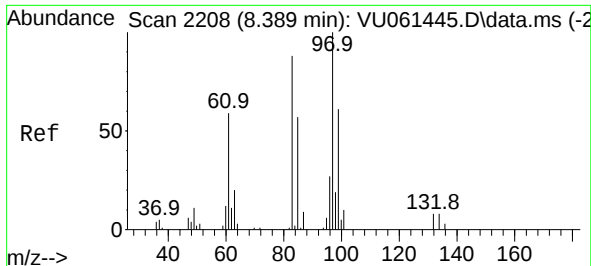
Tgt Ion: 83 Resp: 14635
Ion Ratio Lower Upper
83 100
55 0.1 55.9 83.9#
98 1.0 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.631 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU061461.D
Acq: 05 Nov 2024 18:38

Tgt Ion: 63 Resp: 7028
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#

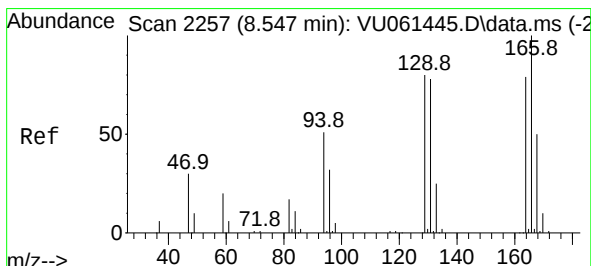
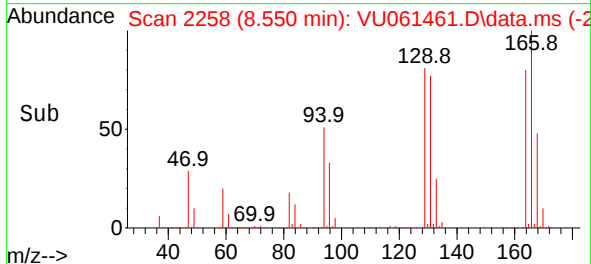
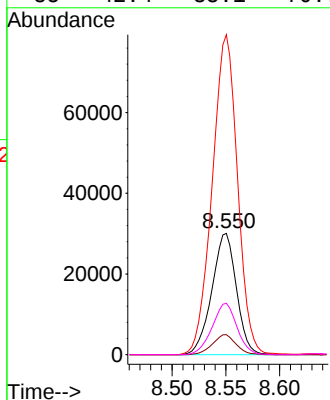
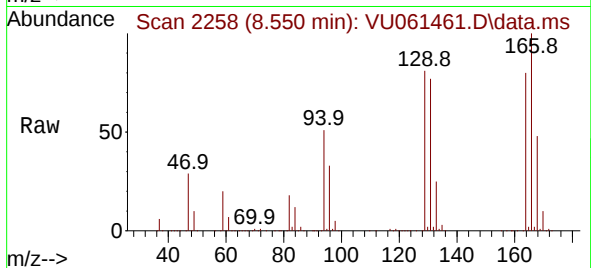




#45
1,1,2-Trichloroethane
Concen: 5.968 ug/L
RT: 8.550 min Scan# 2208
Delta R.T. 0.161 min
Lab File: VU061461.D
Acq: 05 Nov 2024 18:38

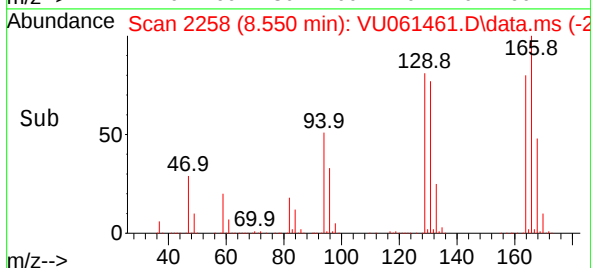
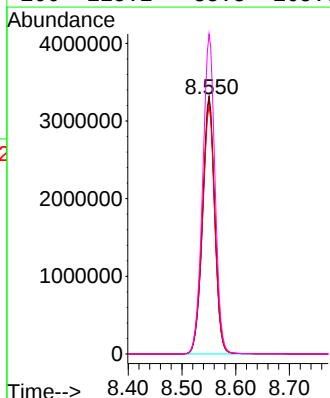
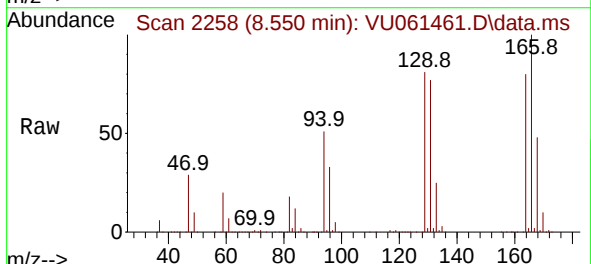
Instrument :
MSVOA_U
ClientSampleId :

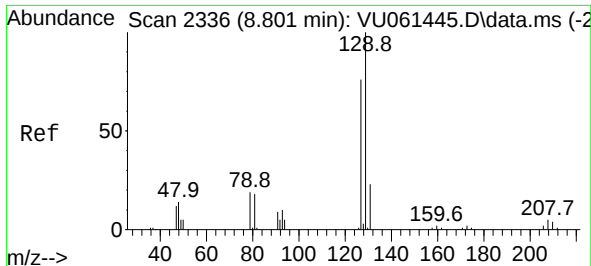
Tgt Ion: 97 Resp: 47836
Ion Ratio Lower Upper
97 100
99 16.5 44.1 81.9#
83 263.8 61.2 113.6#
85 42.4 38.1 70.7



#47
Tetrachloroethene
Concen: 628.509 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU061461.D
Acq: 05 Nov 2024 18:38

Tgt Ion:164 Resp: 5246965
Ion Ratio Lower Upper
164 100
129 100.9 69.9 129.7
131 97.0 68.3 126.8
166 125.2 88.8 165.0





#49

Dibromochloromethane

Concen: 581.330 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.251 min MSVOA_U

Lab File: VU061461.D

Acq: 05 Nov 2024 18:38

Instrument :

MSVOA_U

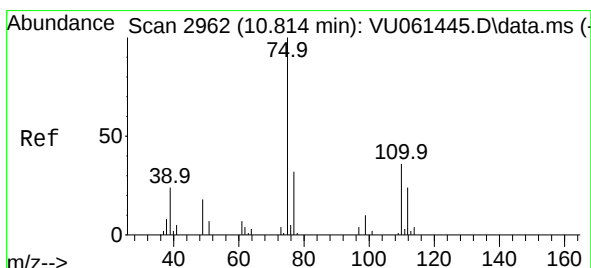
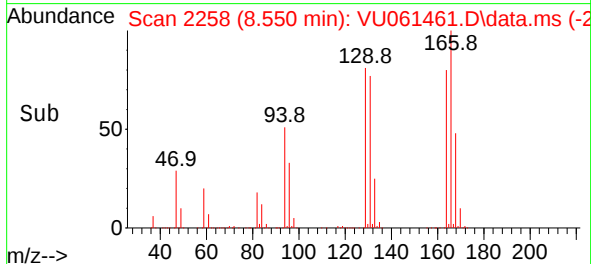
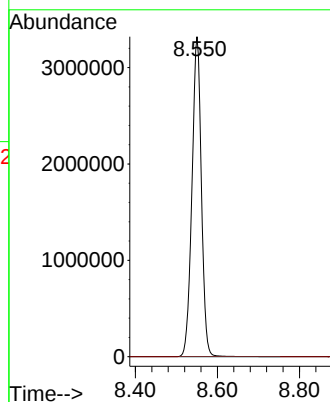
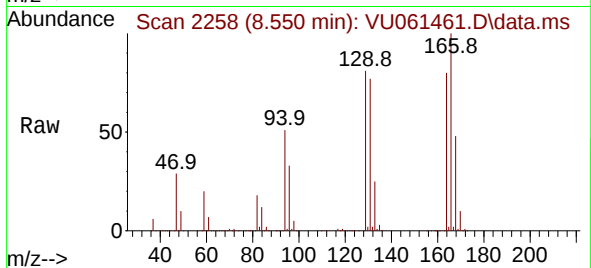
ClientSampleId :

Tgt Ion:129 Resp: 5284852

Ion Ratio Lower Upper

129 100

127 0.0 51.8 96.2#



#61

1,2,3-Trichloropropane

Concen: 1.210 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU061461.D

Acq: 05 Nov 2024 18:38

Tgt Ion: 75 Resp: 7638

Ion Ratio Lower Upper

75 100

110 0.9 28.8 43.2#

77 35.4 25.7 38.5

