

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061935.D
 Acq On : 21 Nov 2024 23:12
 Operator : MD/SY
 Sample : P4903-13
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 22 00:09:15 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)

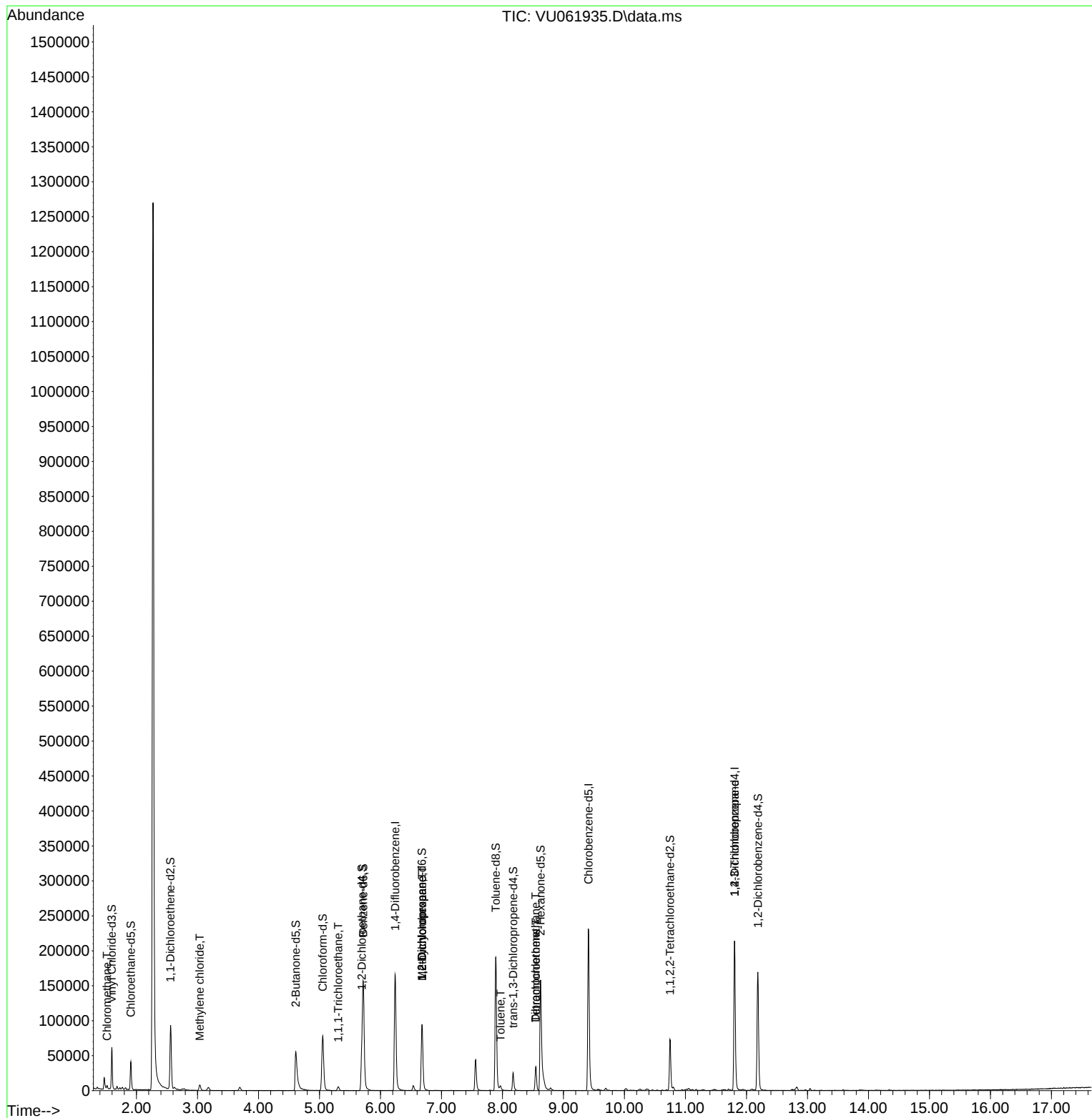
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	141148	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	132306	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	59808	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	39868	5.758	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	115.200%	
7) Chloroethane-d5	1.908	69	29819	4.869	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.400%	
11) 1,1-Dichloroethene-d2	2.557	65	17716	6.405	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	128.000%#	
20) 2-Butanone-d5	4.612	46	86975	40.004	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	80.000%	
24) Chloroform-d	5.052	84	77237	4.573	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.400%	
26) 1,2-Dichloroethane-d4	5.695	65	39289	4.520	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.400%	
32) Benzene-d6	5.718	84	153624	5.960	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	119.200%	
36) 1,2-Dichloropropane-d6	6.679	67	49129	5.609	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	112.200%	
41) Toluene-d8	7.891	98	136629	6.355	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	127.000%	
43) trans-1,3-Dichloroprop...	8.174	79	15664	4.831	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.600%	
46) 2-Hexanone-d5	8.624	63	55827	37.719	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	75.440%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	37406	4.274	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	45564	5.152	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.000%	
Target Compounds						Qvalue
3) Chloromethane	1.519	50	3060	0.240	ug/L	100
16) Methylene chloride	3.036	84	4300	0.378	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	4381	0.287	ug/L	89
35) Methylcyclohexane	6.682	83	11005	0.675	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	5082	0.490	ug/L #	87
42) Toluene	7.968	91	5388	0.128	ug/L	94
47) Tetrachloroethene	8.547	164	8269	1.066	ug/L	89
49) Dibromochloromethane	8.544	129	7726	0.956	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	7176	1.038	ug/L #	67

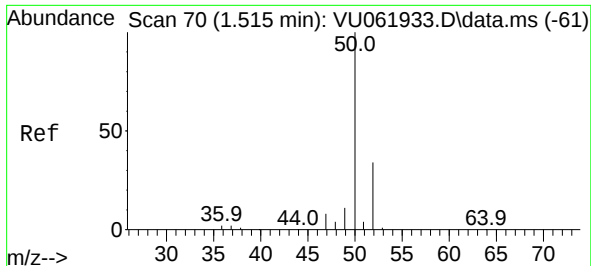
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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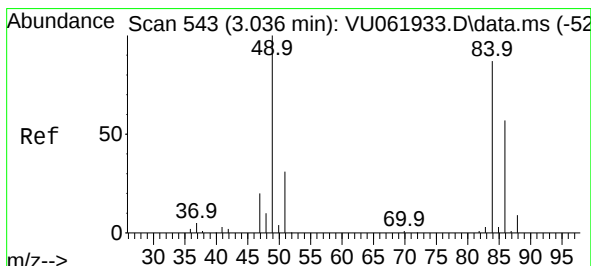
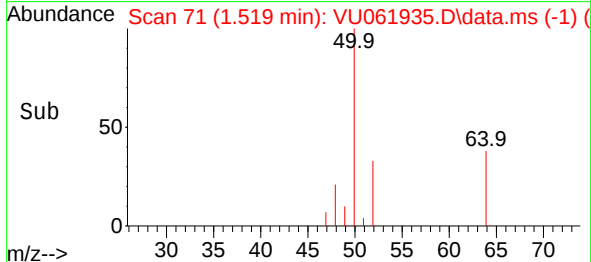
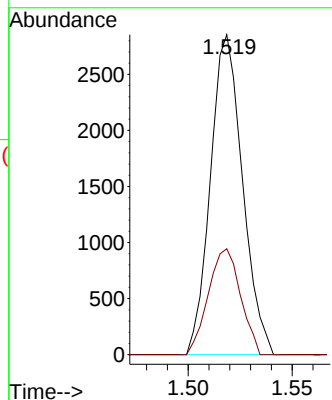
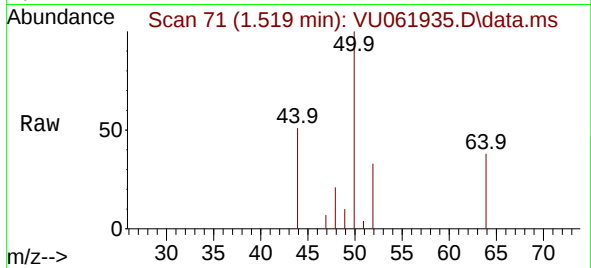




#3
Chloromethane
Concen: 0.240 ug/L
RT: 1.519 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU061935.D
Acq: 21 Nov 2024 23:12

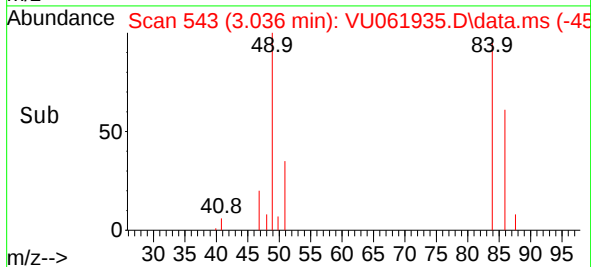
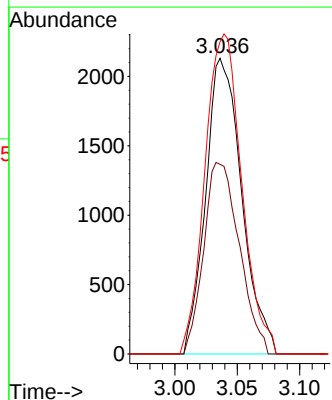
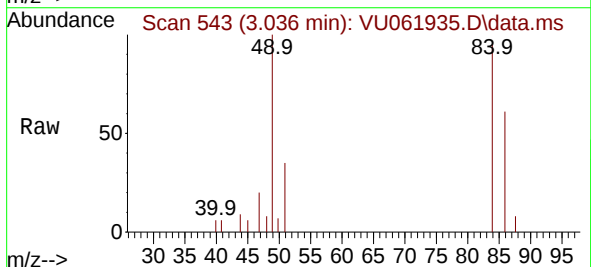
Instrument :
MSVOA_U
ClientSampleId :

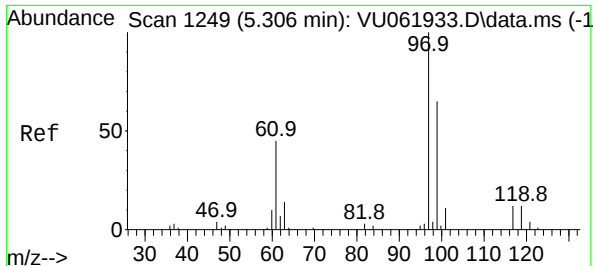
Tgt Ion: 50 Resp: 3060
Ion Ratio Lower Upper
50 100
52 33.1 23.1 42.9



#16
Methylene chloride
Concen: 0.378 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU061935.D
Acq: 21 Nov 2024 23:12

Tgt Ion: 84 Resp: 4300
Ion Ratio Lower Upper
84 100
86 64.1 43.5 80.7
49 113.0 81.9 152.1

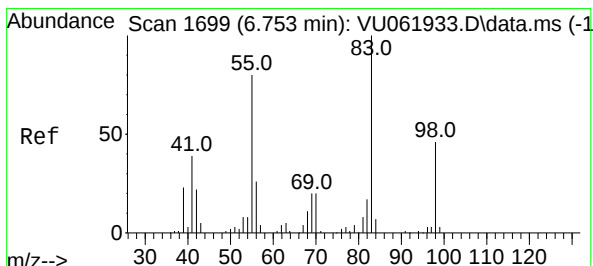
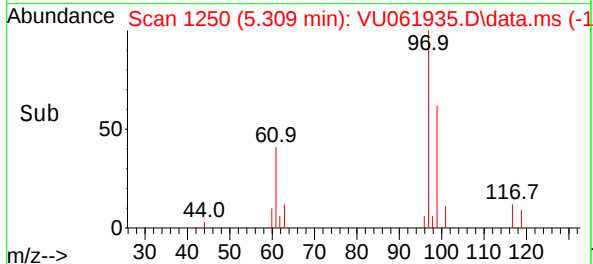
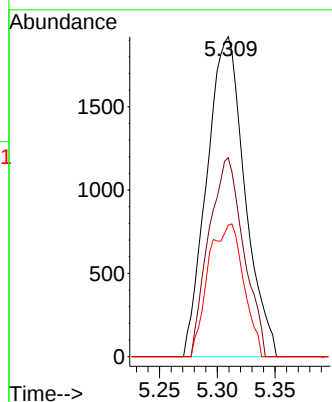
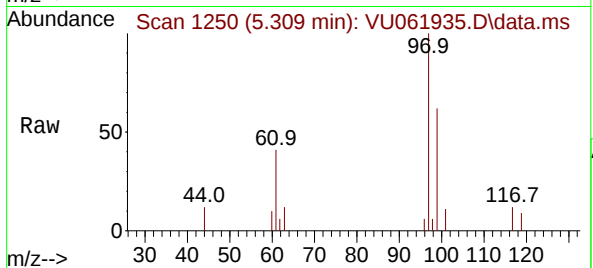




#29
1,1,1-Trichloroethane
Concen: 0.287 ug/L
RT: 5.309 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU061935.D
Acq: 21 Nov 2024 23:12

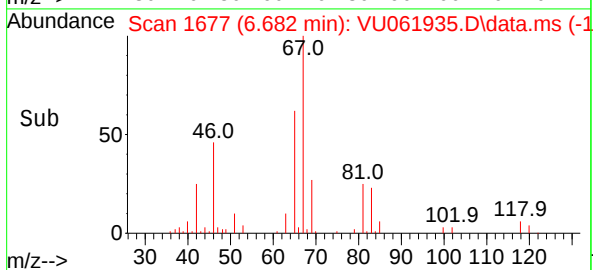
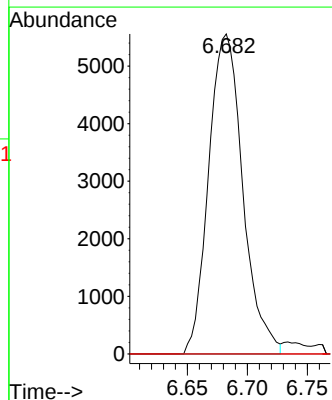
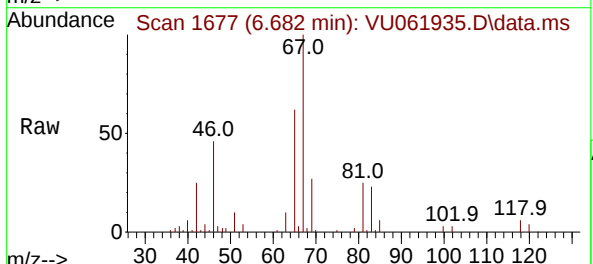
Instrument :
MSVOA_U
ClientSampleId :

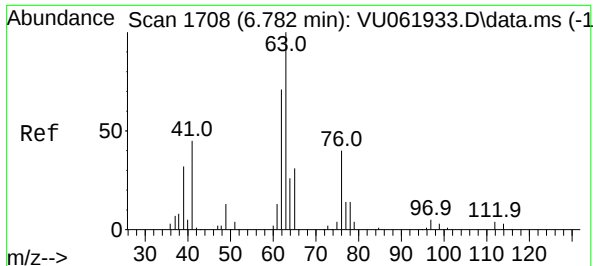
Tgt Ion: 97 Resp: 4381
Ion Ratio Lower Upper
97 100
99 57.0 51.4 77.2
61 38.6 37.8 56.6



#35
Methylcyclohexane
Concen: 0.675 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU061935.D
Acq: 21 Nov 2024 23:12

Tgt Ion: 83 Resp: 11005
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 1.9 34.8 52.2#

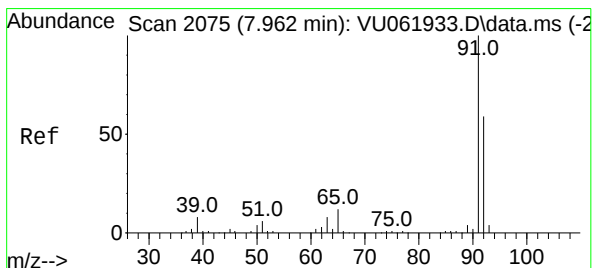
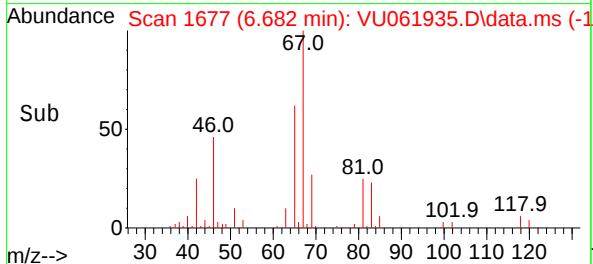
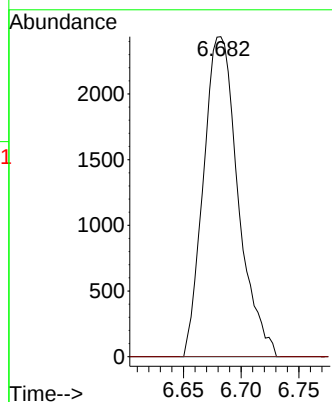
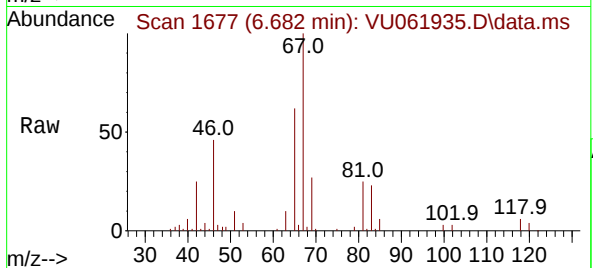




#37
1,2-Dichloropropane
Concen: 0.490 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU061935.D
Acq: 21 Nov 2024 23:12

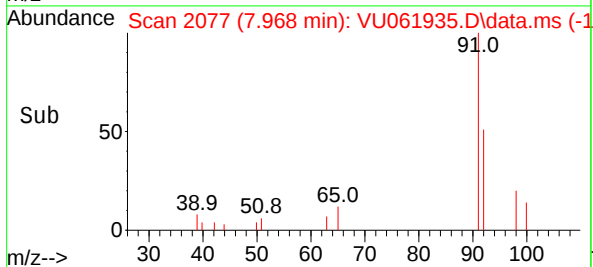
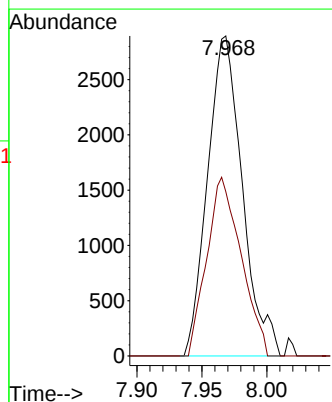
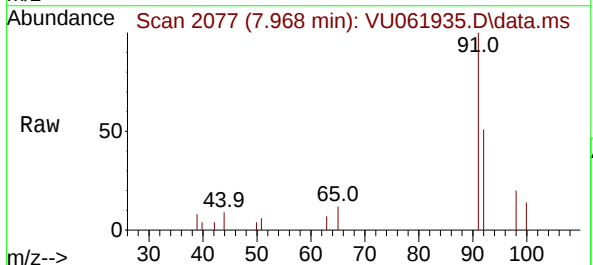
Instrument :
MSVOA_U
ClientSampleId :

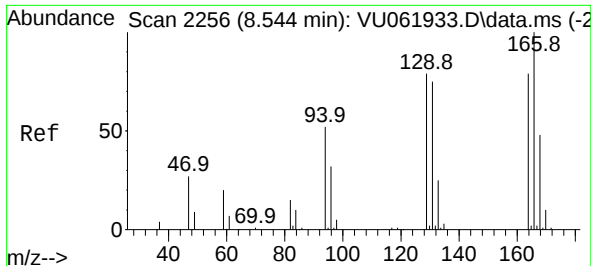
Tgt Ion: 63 Resp: 5082
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#42
Toluene
Concen: 0.128 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.007 min
Lab File: VU061935.D
Acq: 21 Nov 2024 23:12

Tgt Ion: 91 Resp: 5388
Ion Ratio Lower Upper
91 100
92 51.3 39.0 72.4





#47

Tetrachloroethene

Concen: 1.066 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.003 min

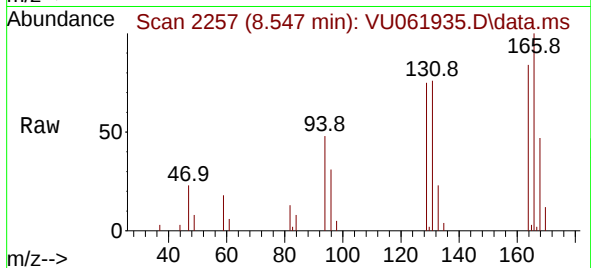
Lab File: VU061935.D

Acq: 21 Nov 2024 23:12

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 8269

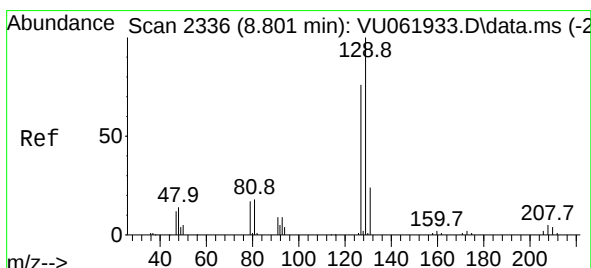
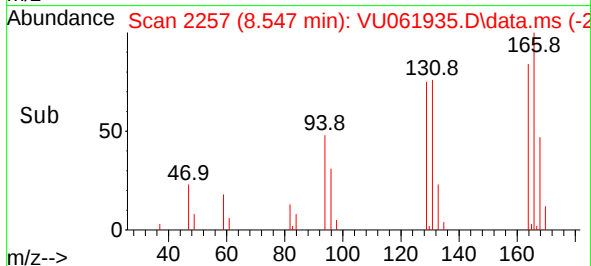
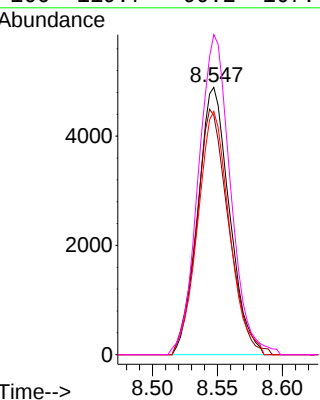
Ion Ratio Lower Upper

164 100

129 89.5 73.2 136.0

131 91.0 72.3 134.3

166 119.7 90.2 167.4



#49

Dibromochloromethane

Concen: 0.956 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.257 min

Lab File: VU061935.D

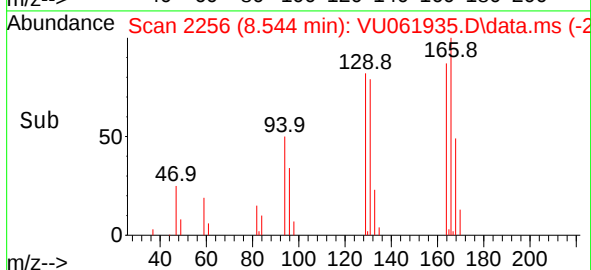
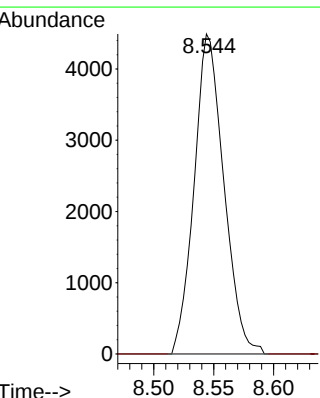
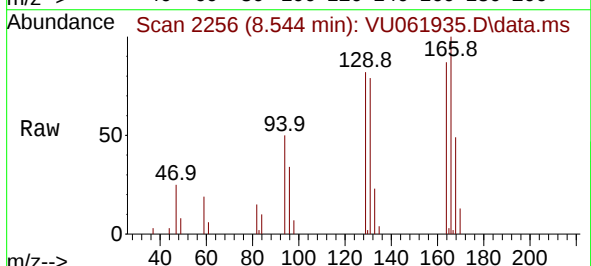
Acq: 21 Nov 2024 23:12

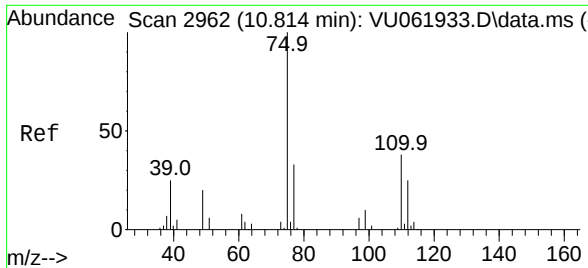
Tgt Ion:129 Resp: 7726

Ion Ratio Lower Upper

129 100

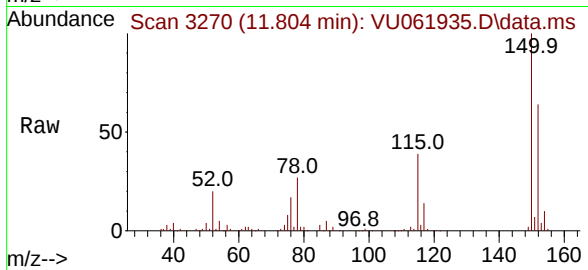
127 0.0 51.1 94.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.038 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.991 min
 Lab File: VU061935.D
 Acq: 21 Nov 2024 23:12

Instrument :
 MSVOA_U
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Tgt Ion: 75 Resp: 7176
 Ion Ratio Lower Upper
 75 100
 110 1.4 28.9 43.3#
 77 30.3 26.5 39.7

