

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
 Data File : VU061662.D
 Acq On : 14 Nov 2024 11:07
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 00:43:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 00:40:52 2024
 Response via : Initial Calibration

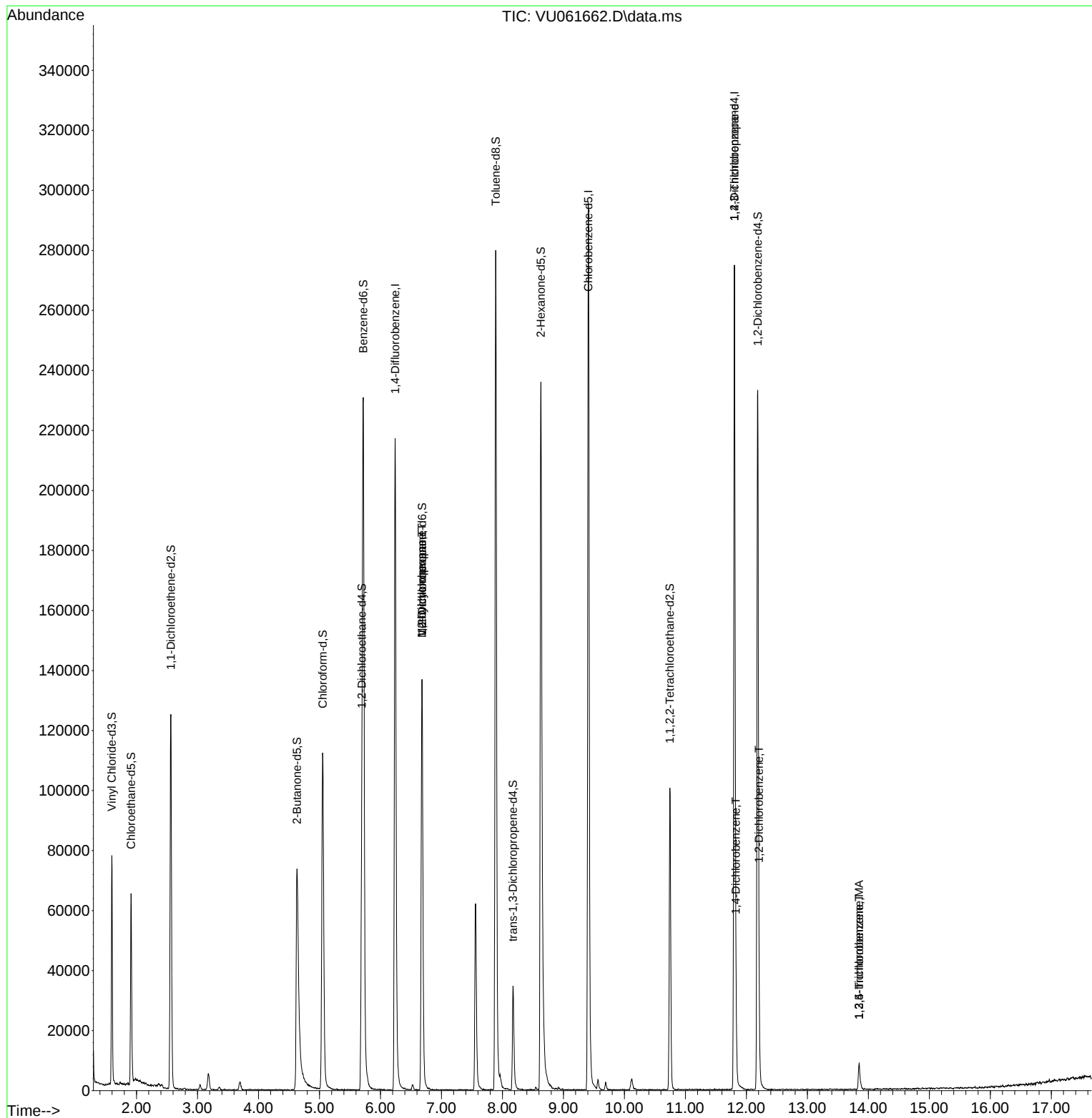
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	189956	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	177348	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	77452	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	52868	4.308	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.200%	
7) Chloroethane-d5	1.911	69	46816	4.468	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.400%	
11) 1,1-Dichloroethene-d2	2.563	65	23488	4.265	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	85.400%	
20) 2-Butanone-d5	4.631	46	118066	45.322	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	90.640%	
24) Chloroform-d	5.052	84	107928	4.424	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.400%	
26) 1,2-Dichloroethane-d4	5.695	65	54994	4.697	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.000%	
32) Benzene-d6	5.718	84	227548	4.638	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.800%	
36) 1,2-Dichloropropane-d6	6.682	67	68736	4.750	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.000%	
41) Toluene-d8	7.891	98	202176	4.421	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.400%	
43) trans-1,3-Dichloroprop...	8.174	79	22334	4.190	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.800%	
46) 2-Hexanone-d5	8.631	63	97139	46.119	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.240%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	50493	4.426	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	67191	4.871	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.400%	
Target Compounds						
35) Methylcyclohexane	6.679	83	16204	0.741	ug/L #	21
37) 1,2-Dichloropropane	6.679	63	7095	0.521	ug/L #	89
61) 1,2,3-Trichloropropane	11.804	75	10658	1.461	ug/L #	63
65) 1,4-Dichlorobenzene	11.830	146	5219	0.209	ug/L	92
67) 1,2-Dichlorobenzene	12.206	146	5312	0.232	ug/L	90
69) 1,3,5-Trichlorobenzene	13.849	180	4226	0.246	ug/L	97
70) 1,2,4-trichlorobenzene	13.849	180	4551	0.341	ug/L #	91

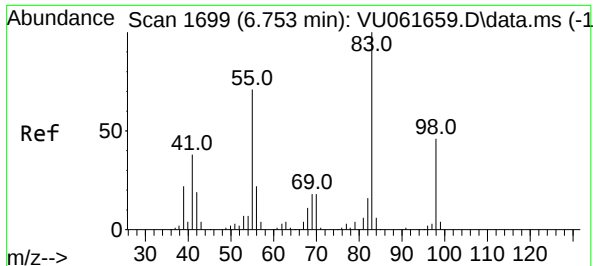
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

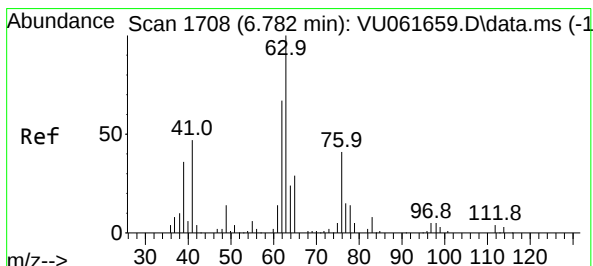
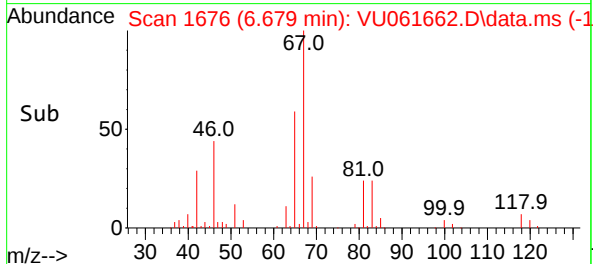
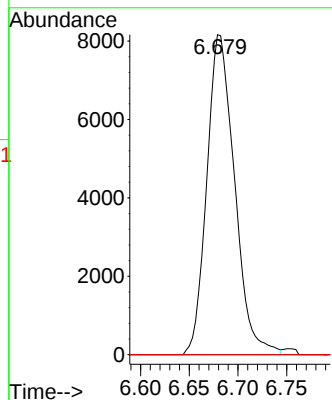
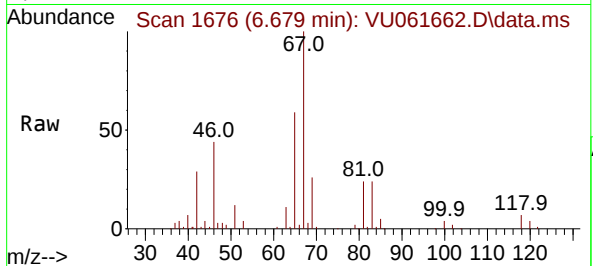




#35
Methylcyclohexane
Concen: 0.741 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU061662.D
Acq: 14 Nov 2024 11:07

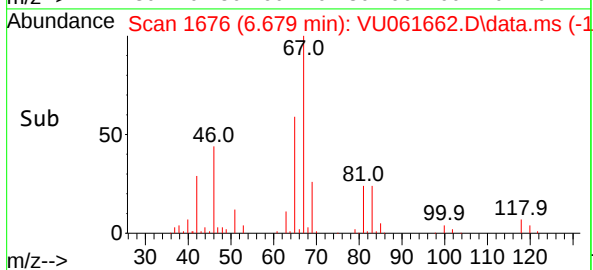
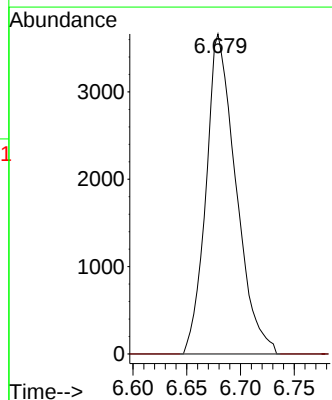
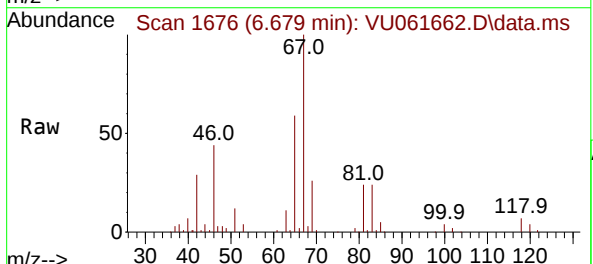
Instrument :
MSVOA_U
ClientSampleId :

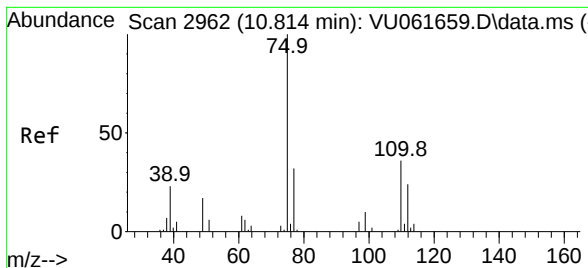
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	56.4	84.6#
98	0.5	37.7	56.5#



#37
1,2-Dichloropropane
Concen: 0.521 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.103 min
Lab File: VU061662.D
Acq: 14 Nov 2024 11:07

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





#61

1,2,3-Trichloropropane

Concen: 1.461 ug/L

RT: 11.804 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU061662.D

Acq: 14 Nov 2024 11:07

Instrument :

MSVOA_U

ClientSampleId :

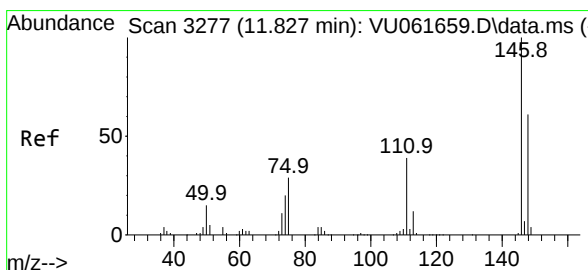
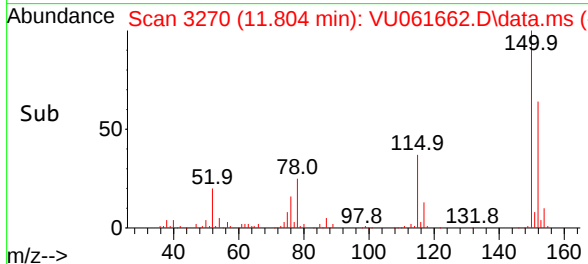
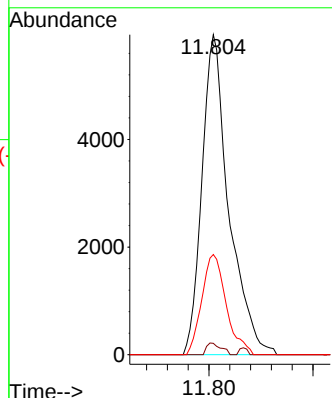
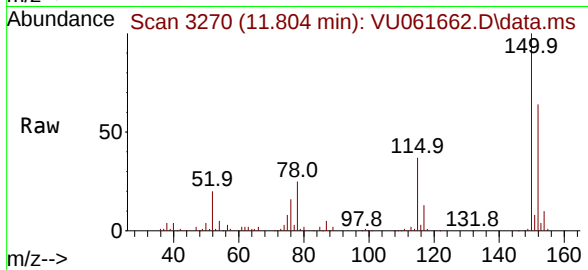
Tgt Ion: 75 Resp: 10658

Ion Ratio Lower Upper

75 100

110 2.0 31.3 46.9#

77 28.4 26.0 39.0



#65

1,4-Dichlorobenzene

Concen: 0.209 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VU061662.D

Acq: 14 Nov 2024 11:07

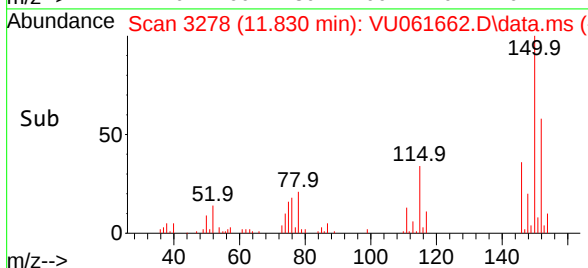
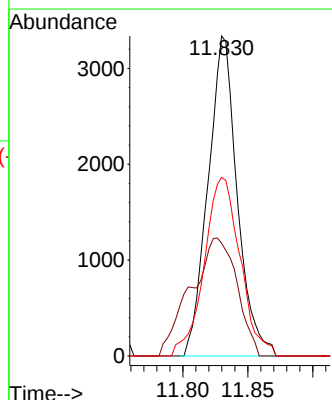
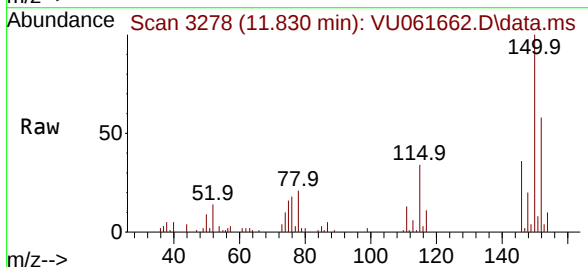
Tgt Ion:146 Resp: 5219

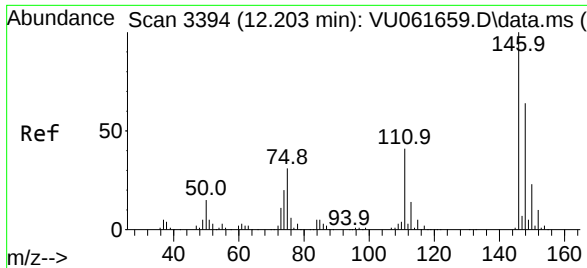
Ion Ratio Lower Upper

146 100

111 38.7 28.8 53.4

148 55.8 44.7 83.1

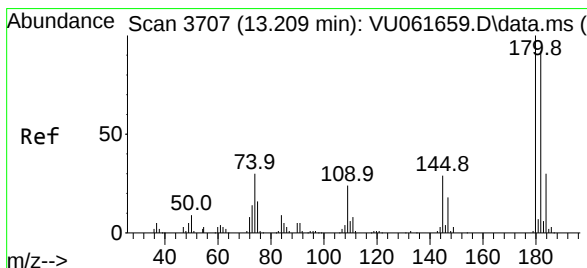
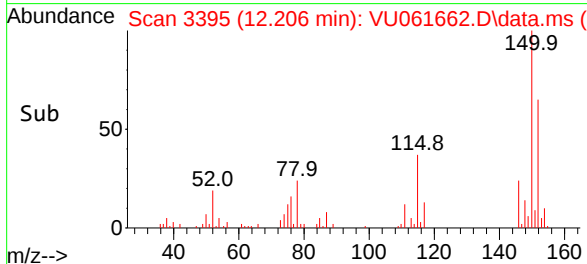
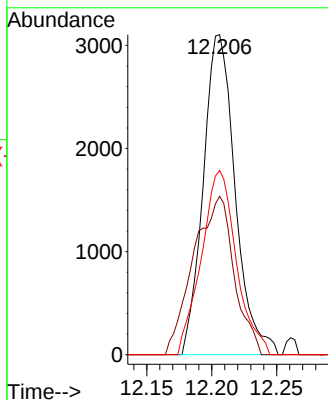
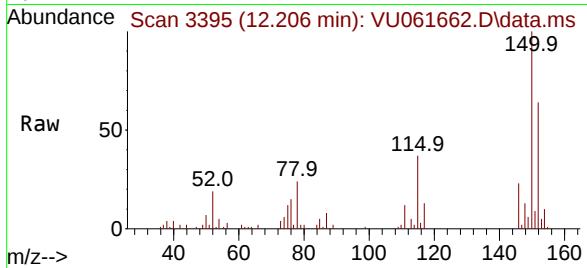




#67
 1,2-Dichlorobenzene
 Concen: 0.232 ug/L
 RT: 12.206 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU061662.D
 Acq: 14 Nov 2024 11:07

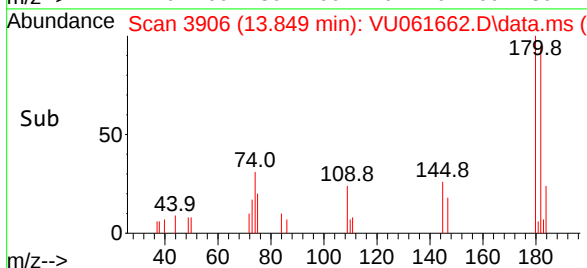
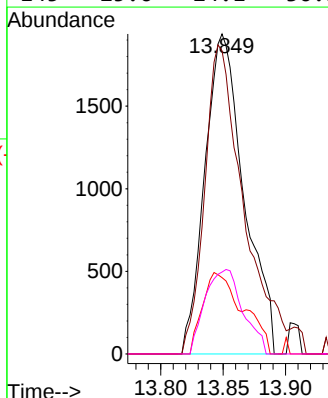
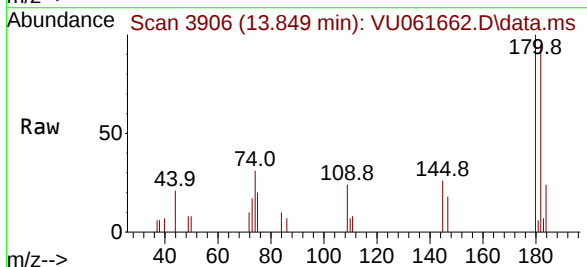
Instrument :
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 ClientSampleId :

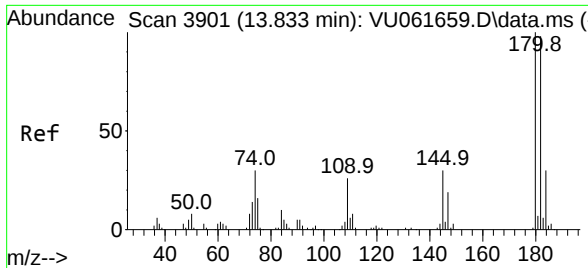
Tgt Ion:146 Resp: 5312
 Ion Ratio Lower Upper
 146 100
 111 49.5 35.2 52.8
 148 57.5 52.6 79.0



#69
 1,3,5-Trichlorobenzene
 Concen: 0.246 ug/L
 RT: 13.849 min Scan# 3906
 Delta R.T. 0.640 min
 Lab File: VU061662.D
 Acq: 14 Nov 2024 11:07

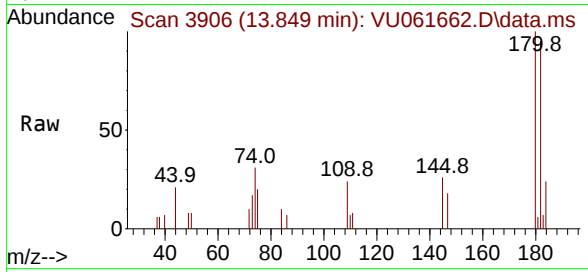
Tgt Ion:180 Resp: 4226
 Ion Ratio Lower Upper
 180 100
 182 96.4 77.1 115.7
 184 26.4 24.7 37.1
 145 25.6 24.1 36.1





#70
 1,2,4-trichlorobenzene
 Concen: 0.341 ug/L
 RT: 13.849 min Scan# 3906
 Delta R.T. 0.016 min
 Lab File: VU061662.D
 Acq: 14 Nov 2024 11:07

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	4551
Ion Ratio	Lower	Upper	
180	100		
182	89.5	77.4	116.0
145	23.8	24.5	36.7#

