

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058421.D
 Acq On : 05 Apr 2024 16:00
 Operator : MD/SY
 Sample : P1925-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 05 23:36:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 05 23:33:02 2024
 Response via : Initial Calibration

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

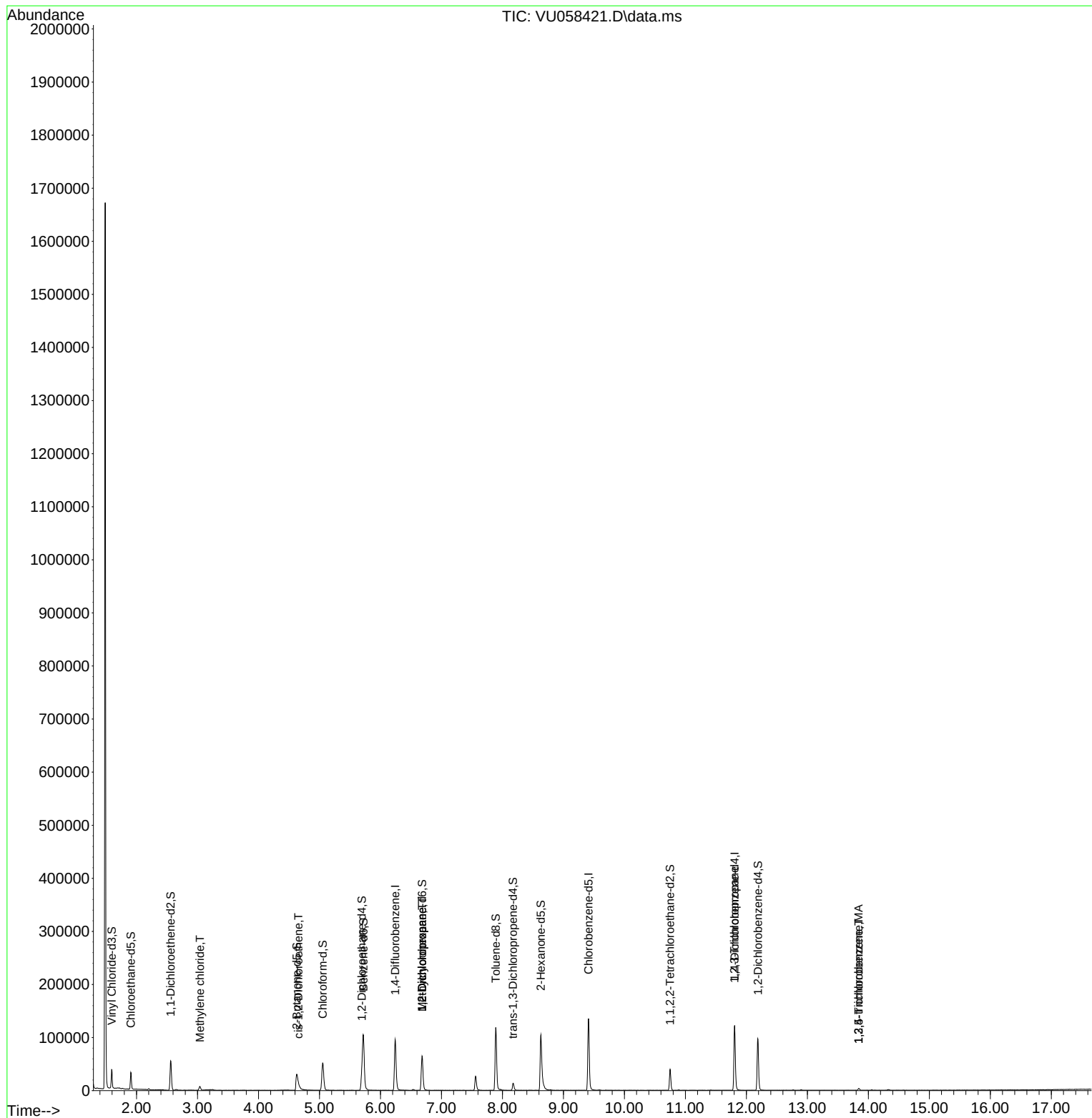
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	75882	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	74876	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	33005	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23553	4.688	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.800%
7) Chloroethane-d5	1.907	69	21454	4.914	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.560	65	10471	4.605	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.000%
20) 2-Butanone-d5	4.627	46	52935	49.999	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.000%
24) Chloroform-d	5.055	84	48632	4.849	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.695	65	24114	5.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.721	84	97226	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.682	67	31181	4.932	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.891	98	81389	4.553	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	8.174	79	8915	4.543	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.630	63	37283	46.063	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.120%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19598	4.391	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	25387	4.567	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	3351	0.470	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	791	0.125	ug/L	94
35) Methylcyclohexane	6.682	83	6834	0.663	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3311	0.464	ug/L #	90
61) 1,2,3-Trichloropropane	11.804	75	4661	1.384	ug/L #	70
69) 1,3,5-Trichlorobenzene	13.842	180	1533	0.177	ug/L #	90
70) 1,2,4-trichlorobenzene	13.842	180	1533	0.229	ug/L	97

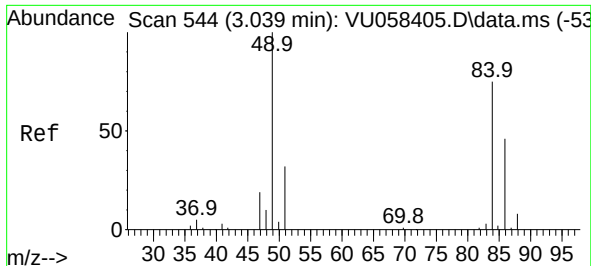
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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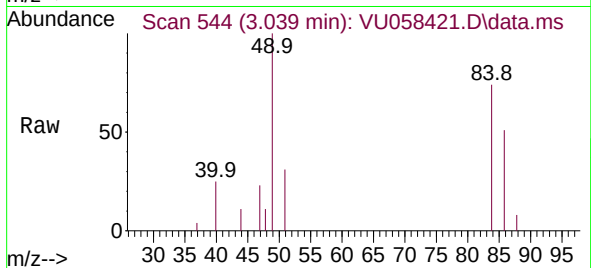
Quant Time: Apr 05 23:36:57 2024
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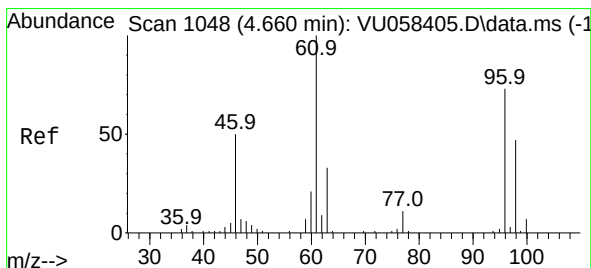
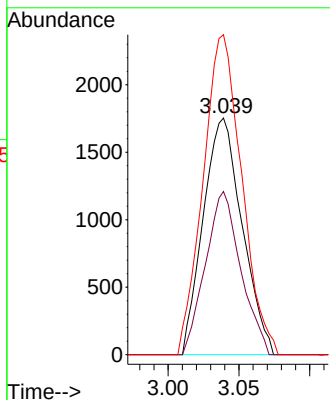
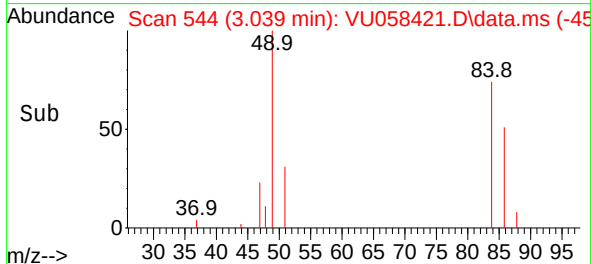


#16
Methylene chloride
Concen: 0.470 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU058421.D
Acq: 05 Apr 2024 16:00

Instrument :
MSVOA_U
ClientSampleId :

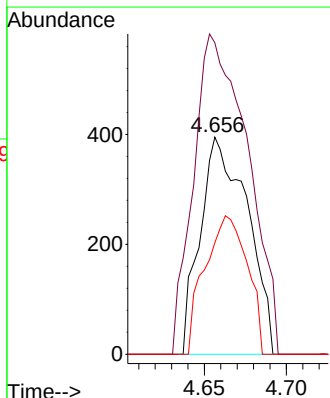
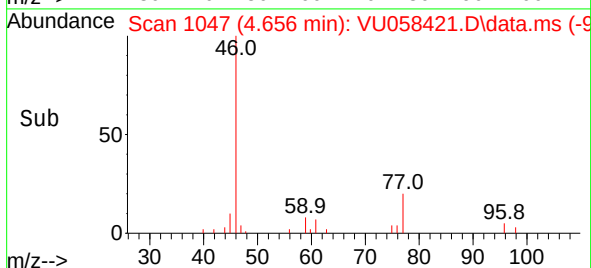
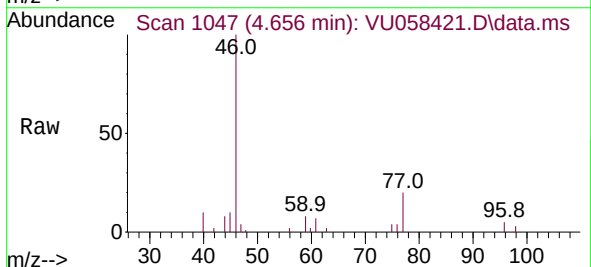


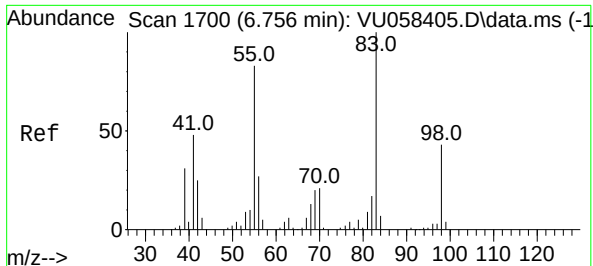
Tgt Ion: 84 Resp: 3351
Ion Ratio Lower Upper
84 100
86 68.9 44.3 82.3
49 135.2 96.0 178.2



#22
cis-1,2-Dichloroethene
Concen: 0.125 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU058421.D
Acq: 05 Apr 2024 16:00

Tgt Ion: 96 Resp: 791
Ion Ratio Lower Upper
96 100
61 143.5 98.1 182.3
98 51.4 43.6 81.0

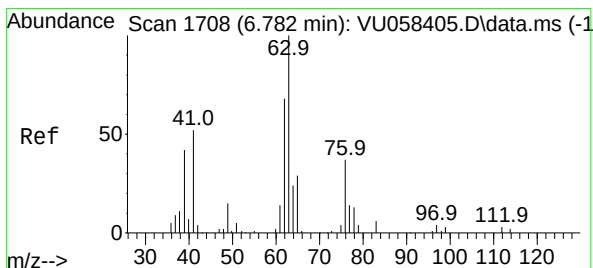
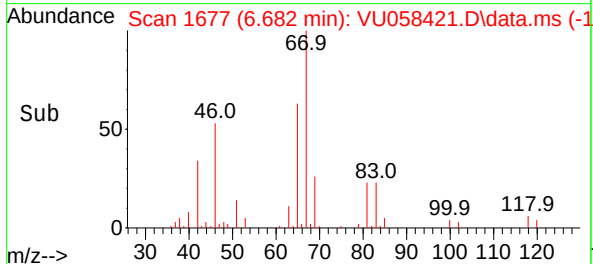
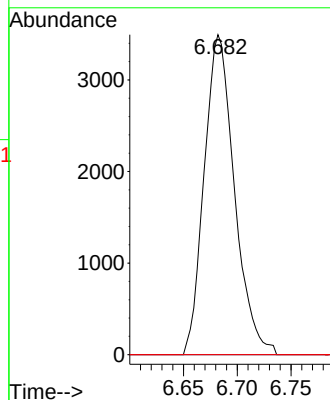
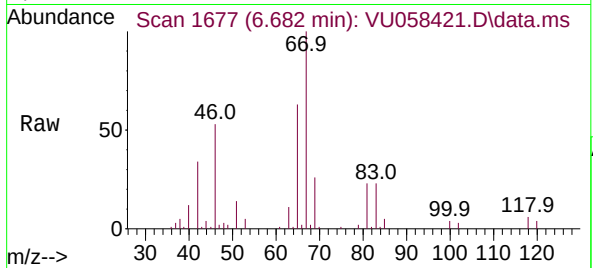




#35
Methylcyclohexane
Concen: 0.663 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058421.D
Acq: 05 Apr 2024 16:00

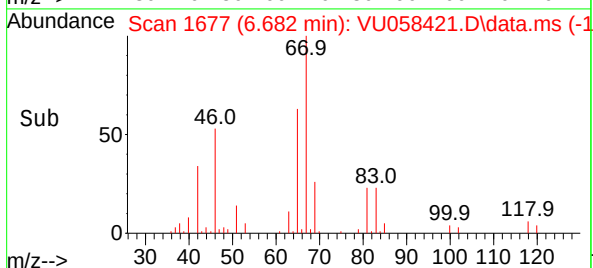
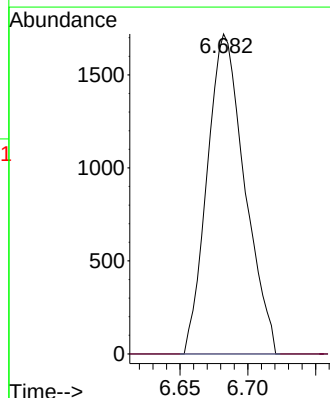
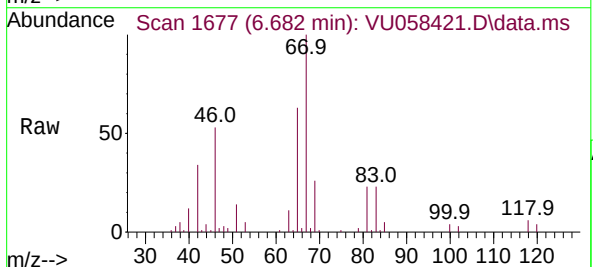
Instrument :
MSVOA_U
ClientSampleId :

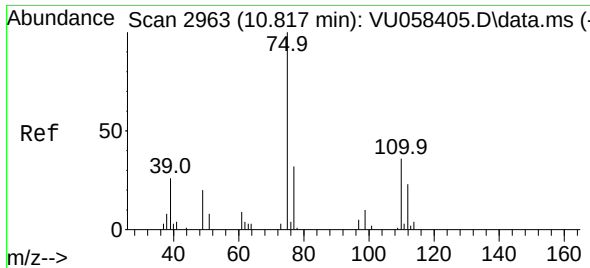
Tgt Ion: 83 Resp: 6834
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 0.0 34.6 52.0#



#37
1,2-Dichloropropane
Concen: 0.464 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU058421.D
Acq: 05 Apr 2024 16:00

Tgt Ion: 63 Resp: 3311
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#

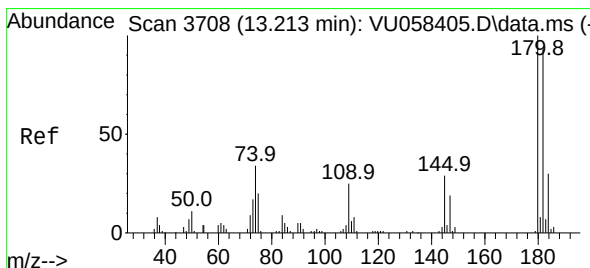
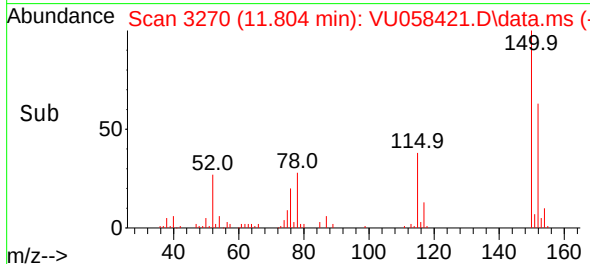
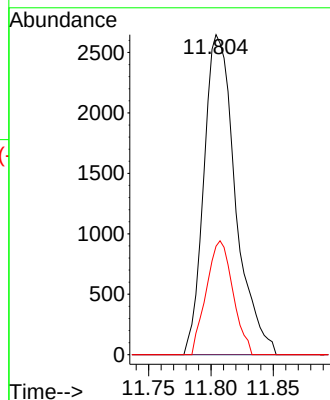
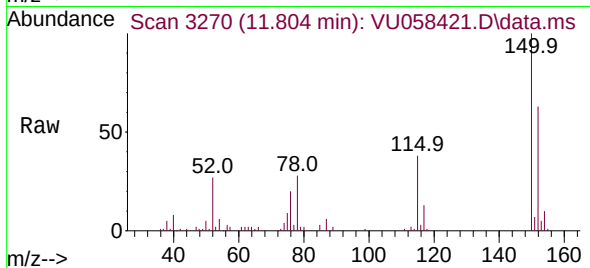




#61
1,2,3-Trichloropropane
Concen: 1.384 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU058421.D
Acq: 05 Apr 2024 16:00

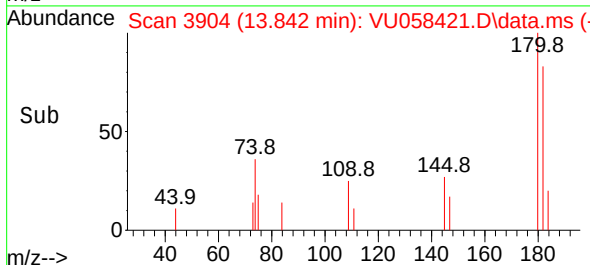
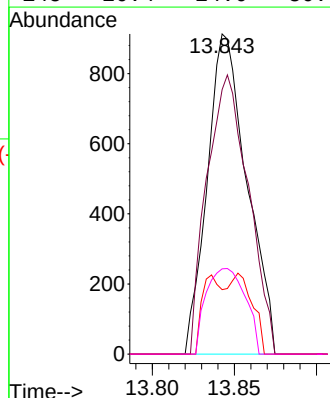
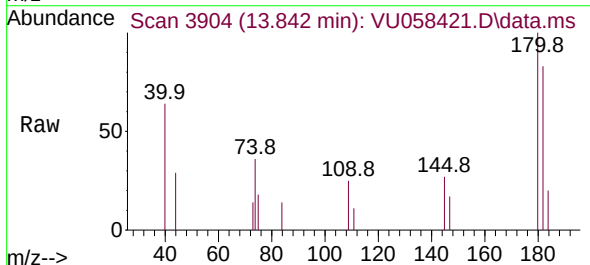
Instrument :
MSVOA_U
ClientSampleId :

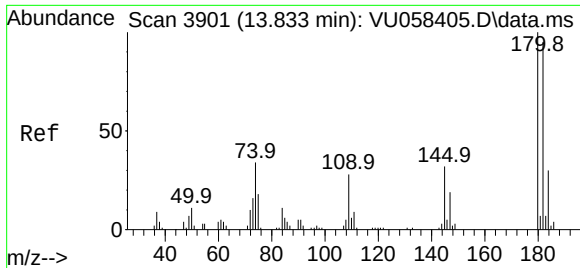
Tgt Ion: 75 Resp: 4661
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 29.9 25.1 37.7



#69
1,3,5-Trichlorobenzene
Concen: 0.177 ug/L
RT: 13.842 min Scan# 3904
Delta R.T. 0.630 min
Lab File: VU058421.D
Acq: 05 Apr 2024 16:00

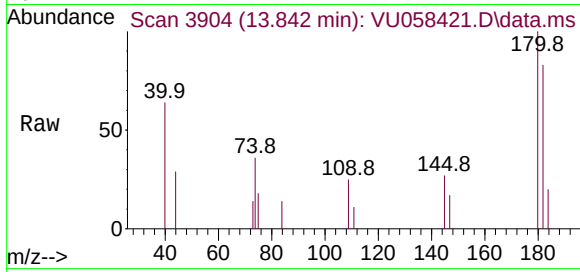
Tgt Ion:180 Resp: 1533
Ion Ratio Lower Upper
180 100
182 91.0 75.7 113.5
184 13.4 24.3 36.5#
145 26.4 24.0 36.0





#70
 1,2,4-trichlorobenzene
 Concen: 0.229 ug/L
 RT: 13.842 min Scan# 3904
 Delta R.T. 0.009 min
 Lab File: VU058421.D
 Acq: 05 Apr 2024 16:00

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	1533
Ion	Ratio	Lower	Upper
180	100		
182	91.0	74.4	111.6
145	26.4	24.1	36.1

