

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058387.D
 Acq On : 04 Apr 2024 23:57
 Operator : MD/SY
 Sample : P1925-19 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 05 00:33:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 05 00:02:56 2024
 Response via : Initial Calibration

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

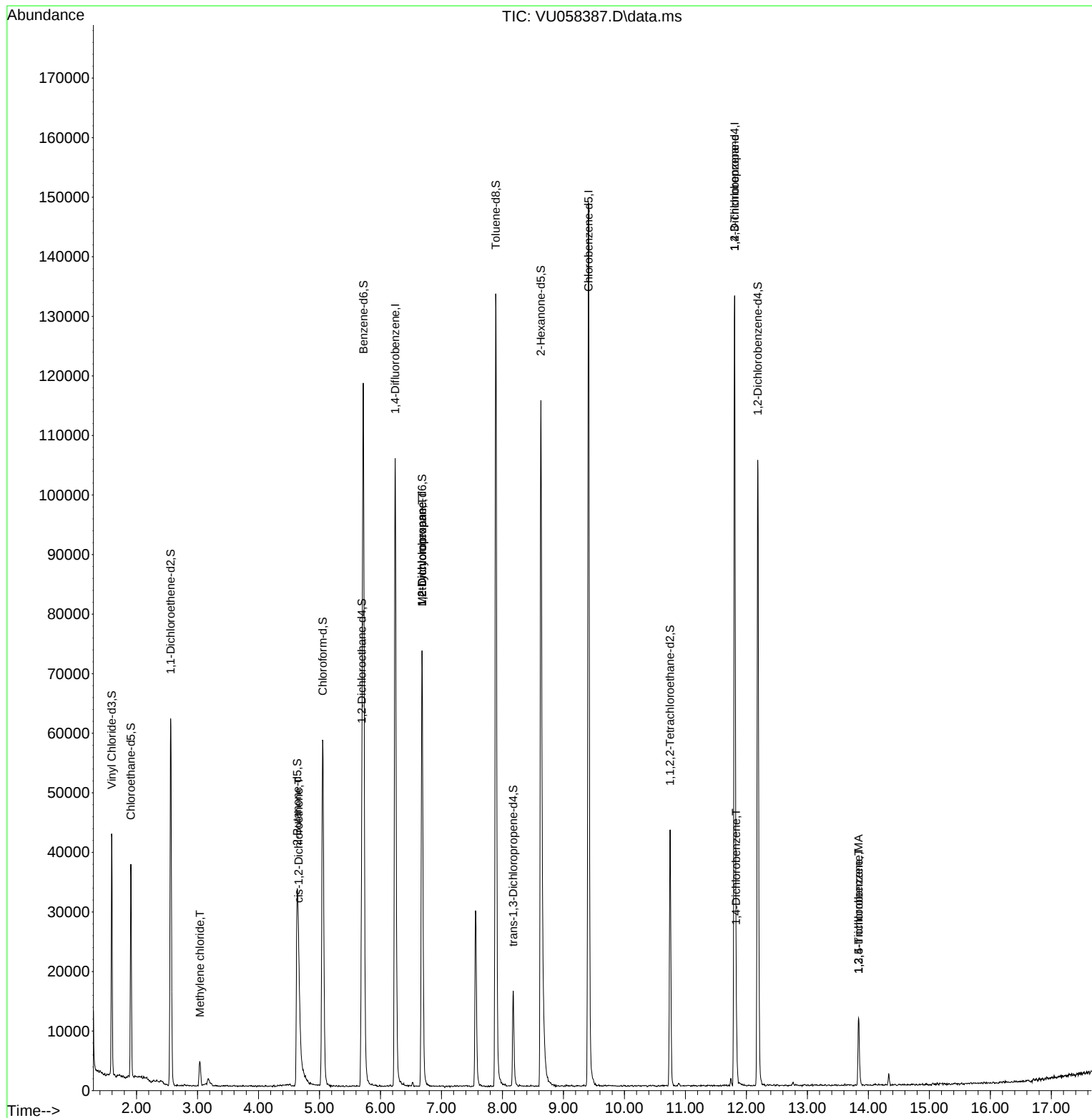
Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	84457	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	80643	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	34744	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	28090	5.024	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.400%
7) Chloroethane-d5	1.907	69	23824	4.903	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.560	65	12233	4.834	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.600%
20) 2-Butanone-d5	4.634	46	62134	52.729	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.460%
24) Chloroform-d	5.052	84	54820	4.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.695	65	27275	5.236	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.721	84	109596	5.048	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.682	67	34574	5.078	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.891	98	89819	4.665	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	8.177	79	9684	4.582	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.630	63	40539	46.504	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.000%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	22125	4.603	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	27808	4.752	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						
16) Methylene chloride	3.039	84	1922	0.242	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	2369	0.336	ug/L	98
35) Methylcyclohexane	6.682	83	7084	0.638	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	4052	0.527	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	5666	1.598	ug/L #	66
65) 1,4-Dichlorobenzene	11.833	146	3055	0.254	ug/L	99
69) 1,3,5-Trichlorobenzene	13.839	180	4458	0.488	ug/L	96
70) 1,2,4-trichlorobenzene	13.839	180	4438	0.630	ug/L	95

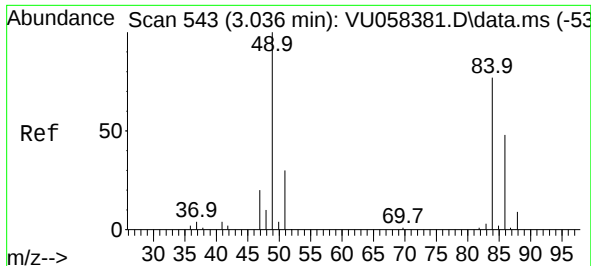
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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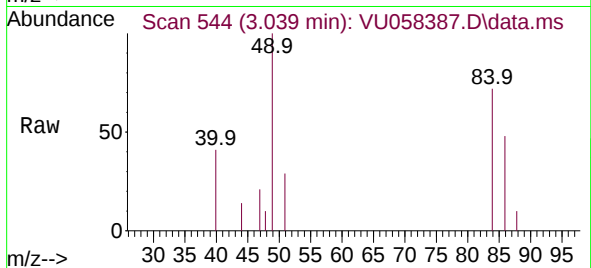
Quant Time: Apr 05 00:33:58 2024
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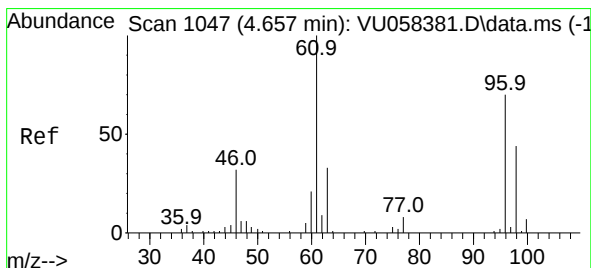
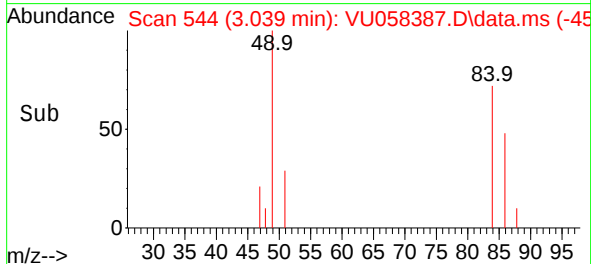
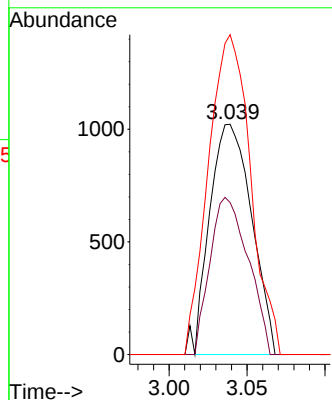
#16
Methylene chloride
Concen: 0.242 ug/L
RT: 3.039 min Scan# 543
Delta R.T. 0.003 min
Lab File: VU058387.D
Acq: 04 Apr 2024 23:57

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 1922

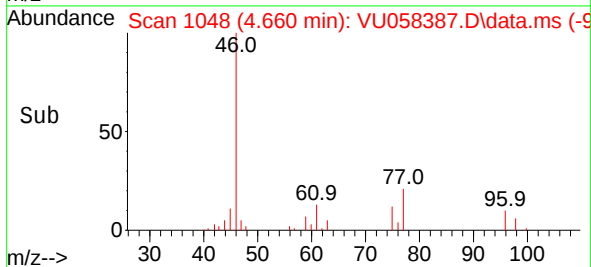
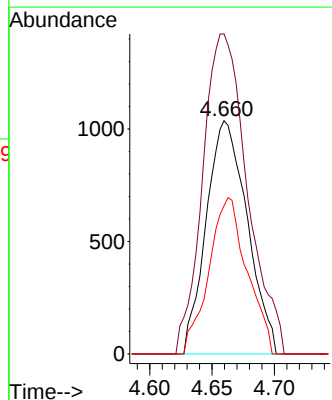
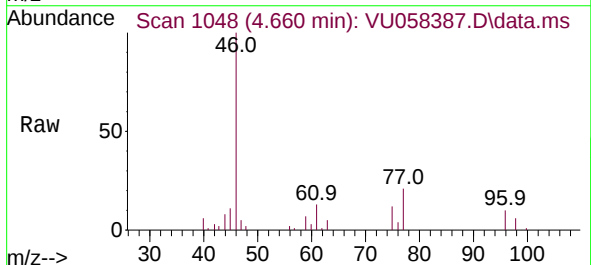
Ion	Ratio	Lower	Upper
84	100		
86	66.0	44.3	82.3
49	138.9	96.0	178.2

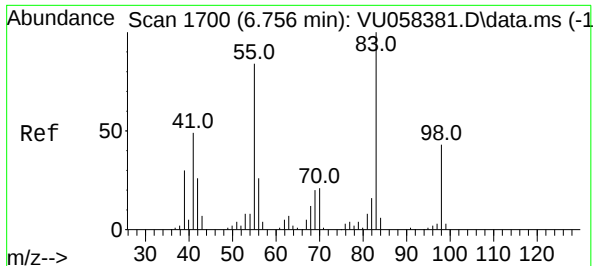


#22
cis-1,2-Dichloroethene
Concen: 0.336 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU058387.D
Acq: 04 Apr 2024 23:57

Tgt Ion: 96 Resp: 2369

Ion	Ratio	Lower	Upper
96	100		
61	137.2	98.1	182.3
98	63.5	43.6	81.0





#35

Methylcyclohexane

Concen: 0.638 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058387.D

Acq: 04 Apr 2024 23:57

Instrument :

MSVOA_U

ClientSampleId :

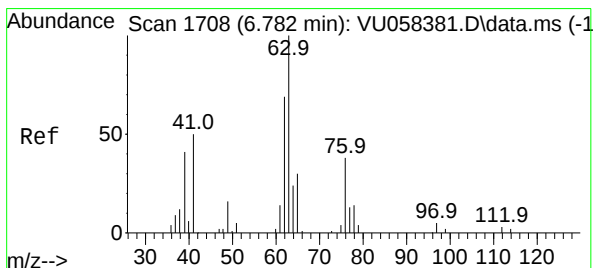
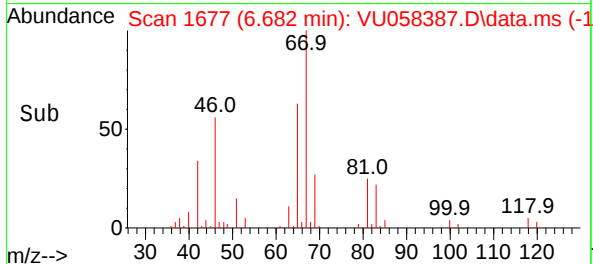
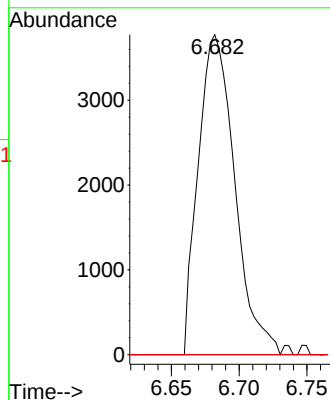
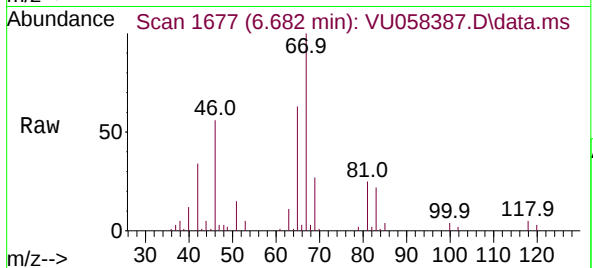
Tgt Ion: 83 Resp: 7084

Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 1.0 34.6 52.0#



#37

1,2-Dichloropropane

Concen: 0.527 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU058387.D

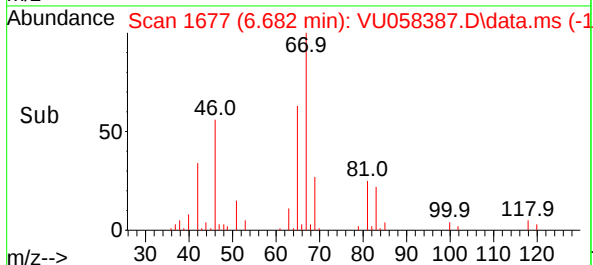
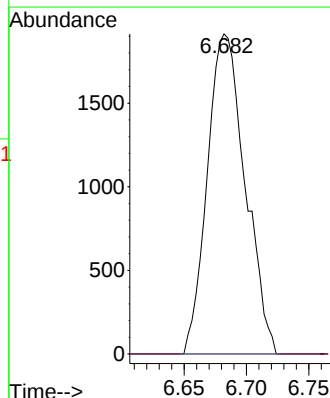
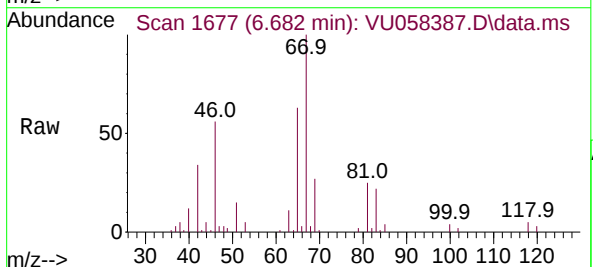
Acq: 04 Apr 2024 23:57

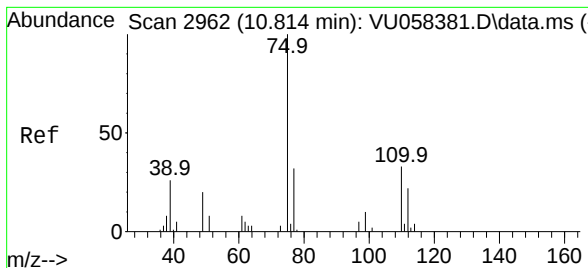
Tgt Ion: 63 Resp: 4052

Ion Ratio Lower Upper

63 100

112 0.0 2.6 4.0#





#61

1,2,3-Trichloropropane

Concen: 1.598 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.993 min

Lab File: VU058387.D

Acq: 04 Apr 2024 23:57

Instrument :

MSVOA_U

ClientSampleId :

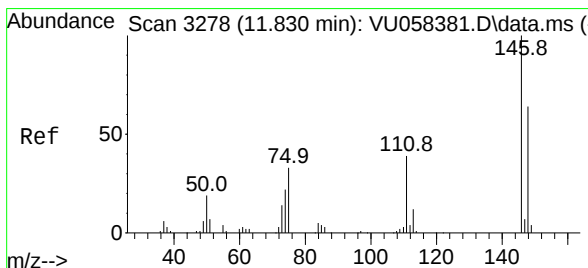
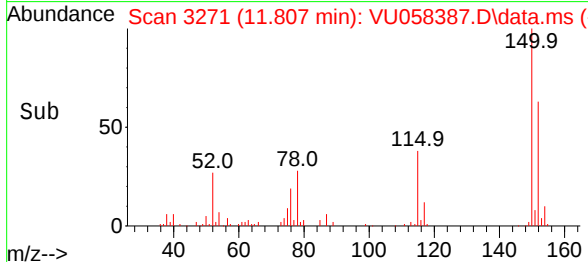
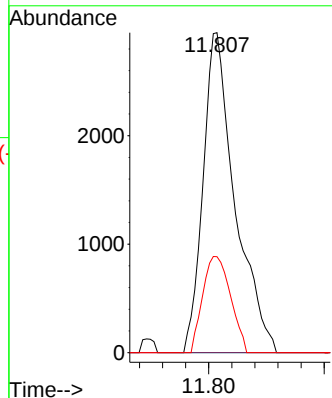
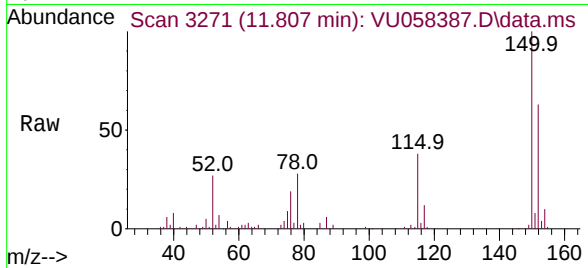
Tgt Ion: 75 Resp: 5666

Ion Ratio Lower Upper

75 100

110 0.0 25.8 38.6#

77 26.1 25.1 37.7



#65

1,4-Dichlorobenzene

Concen: 0.254 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VU058387.D

Acq: 04 Apr 2024 23:57

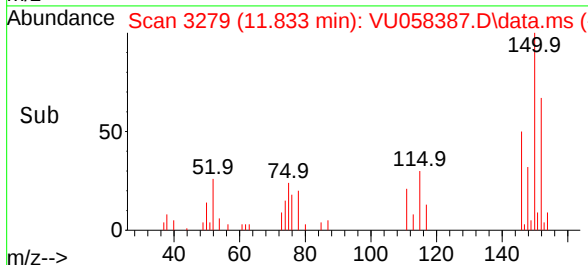
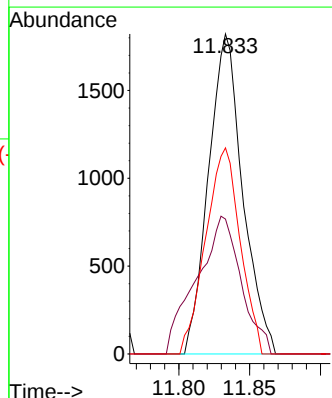
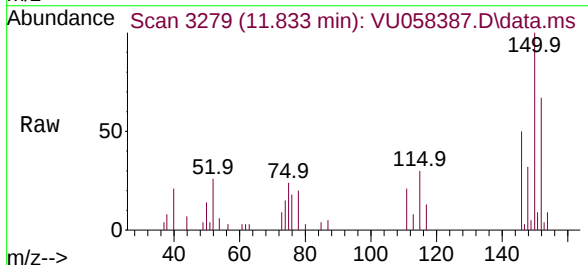
Tgt Ion:146 Resp: 3055

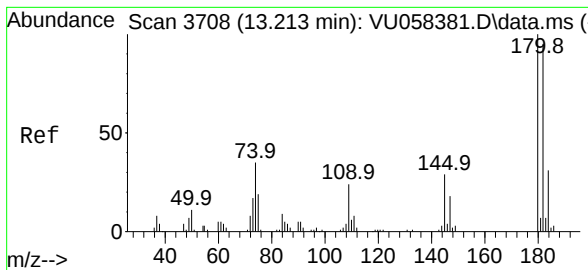
Ion Ratio Lower Upper

146 100

111 42.2 28.8 53.6

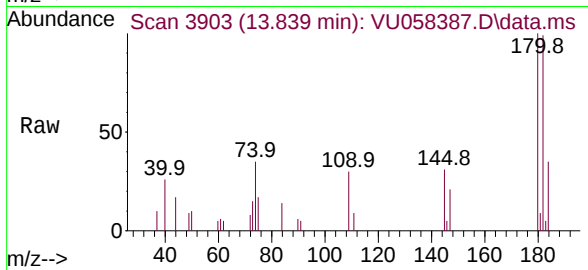
148 64.4 45.3 84.1



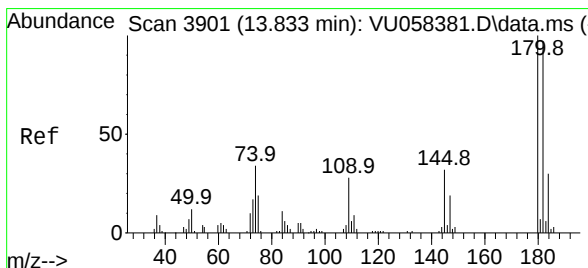
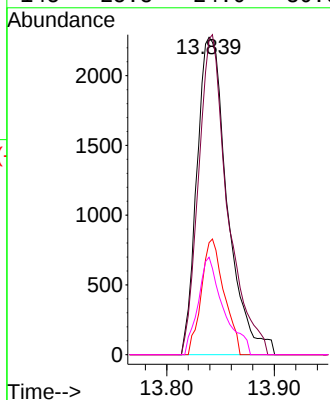
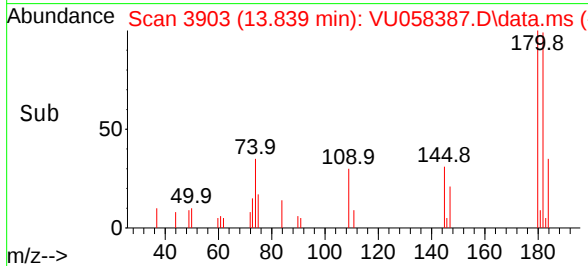


#69
 1,3,5-Trichlorobenzene
 Concen: 0.488 ug/L
 RT: 13.839 min Scan# 3903
 Delta R.T. 0.627 min
 Lab File: VU058387.D
 Acq: 04 Apr 2024 23:57

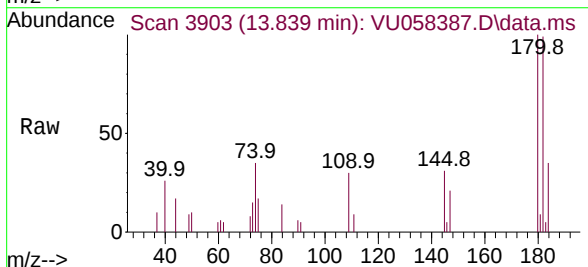
Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 4458
 Ion Ratio Lower Upper
 180 100
 182 96.0 75.7 113.5
 184 27.2 24.3 36.5
 145 25.8 24.0 36.0



#70
 1,2,4-trichlorobenzene
 Concen: 0.630 ug/L
 RT: 13.839 min Scan# 3903
 Delta R.T. 0.006 min
 Lab File: VU058387.D
 Acq: 04 Apr 2024 23:57



Tgt Ion:180 Resp: 4438
 Ion Ratio Lower Upper
 180 100
 182 96.4 74.4 111.6
 145 25.9 24.1 36.1

