

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092024\
 Data File : VU060939.D
 Acq On : 20 Sep 2024 13:40
 Operator : MD/SY
 Sample : P3952-19DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 21 01:40:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 21 01:39:49 2024
 Response via : Initial Calibration

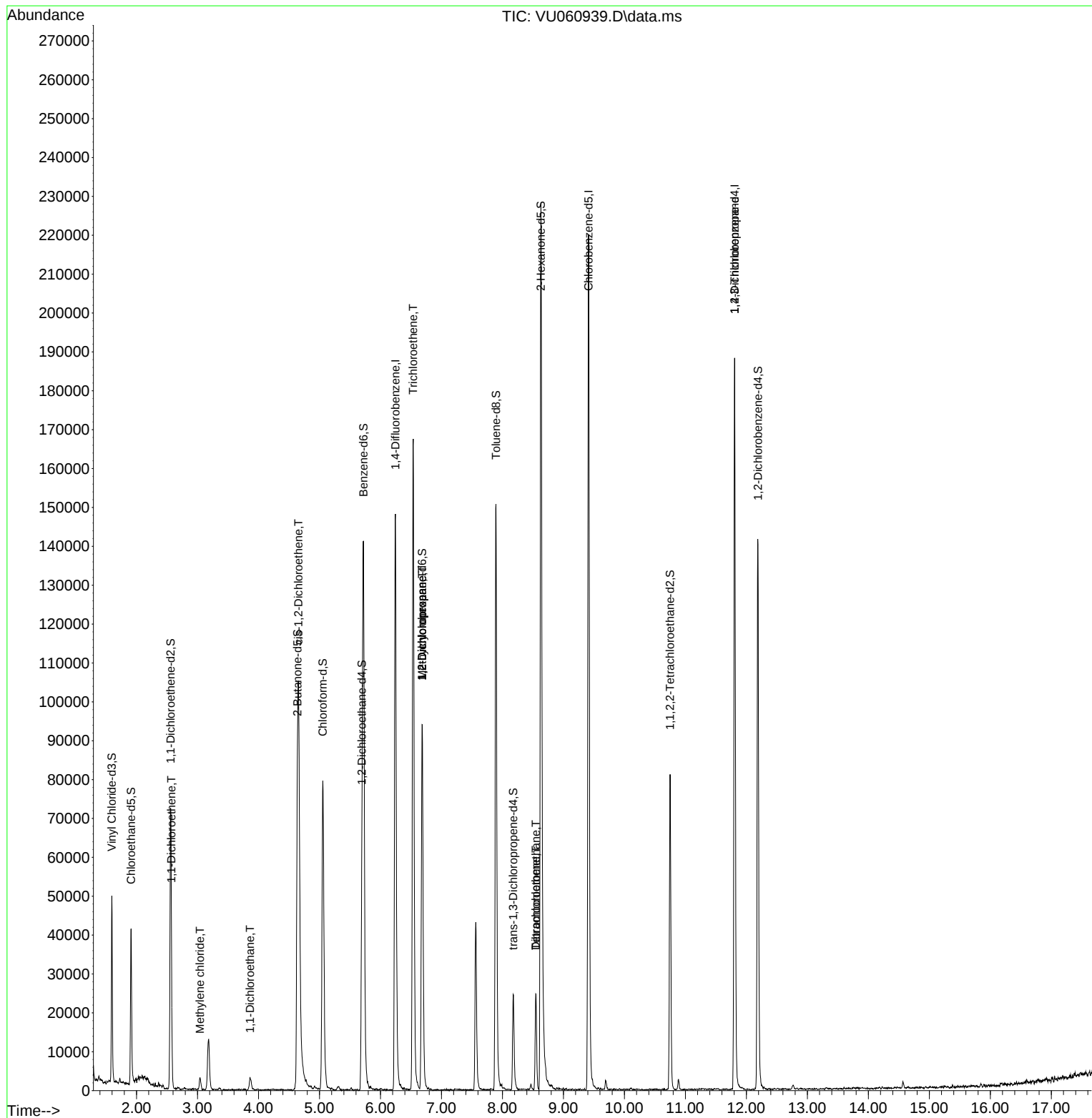
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	127555	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	133798	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	54008	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	32278	2.813	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.200%
7) Chloroethane-d5	1.910	69	30247	3.703	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.000%
11) 1,1-Dichloroethene-d2	2.560	65	13712	3.372	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.400%
20) 2-Butanone-d5	4.637	46	106764	57.967	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.940%
24) Chloroform-d	5.055	84	77037	4.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.695	65	39919	4.762	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.721	84	135758	3.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.800%
36) 1,2-Dichloropropane-d6	6.685	67	49982	4.505	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.894	98	105881	3.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.800%#
43) trans-1,3-Dichloroprop...	8.177	79	16942	4.242	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.630	63	84221	53.457	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.920%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	42077	4.841	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	40719	4.487	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	2322	0.289	ug/L #	1
16) Methylene chloride	3.039	84	1366	0.147	ug/L	91
19) 1,1-Dichloroethane	3.862	63	4283	0.257	ug/L #	85
22) cis-1,2-Dichloroethene	4.656	96	33484	3.639	ug/L	98
34) Trichloroethene	6.537	95	60285	6.251	ug/L	97
35) Methylcyclohexane	6.682	83	11380	0.860	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	4899	0.483	ug/L #	93
47) Tetrachloroethene	8.550	164	5618	0.733	ug/L	96
49) Dibromochloromethane	8.550	129	5556	0.667	ug/L #	9
61) 1,2,3-Trichloropropane	11.807	75	6549	1.300	ug/L #	68

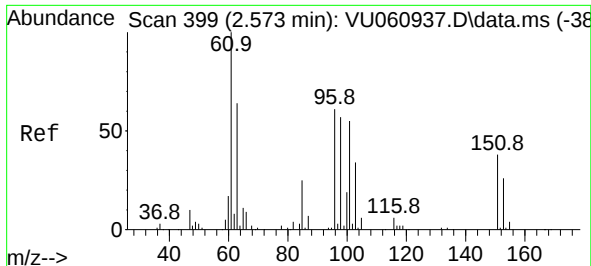
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.289 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.000 min

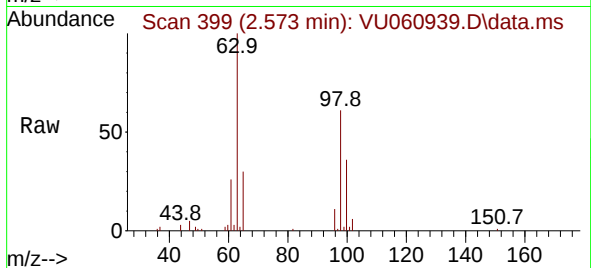
Lab File: VU060939.D

Acq: 20 Sep 2024 13:40

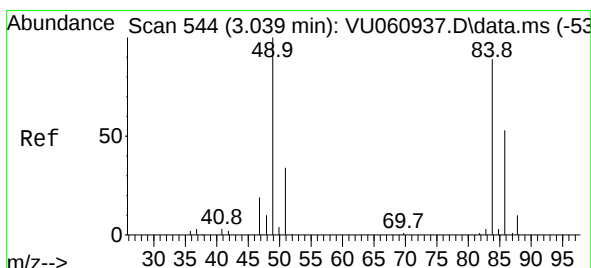
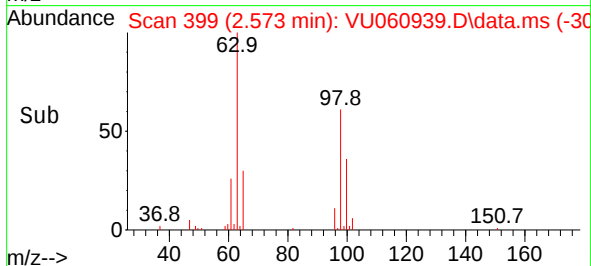
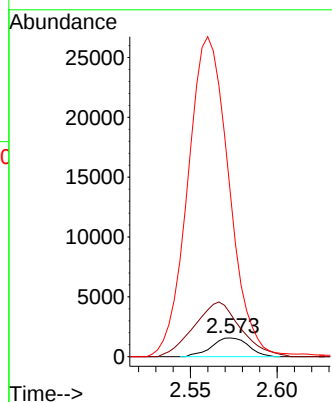
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	96	Resp:	2322
Ion	Ratio	Lower	Upper
96	100		
61	232.5	120.7	224.1#
63	885.9	90.0	167.2#



#16

Methylene chloride

Concen: 0.147 ug/L

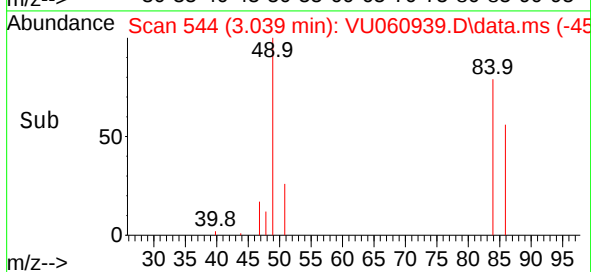
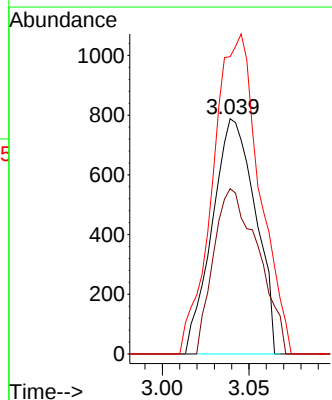
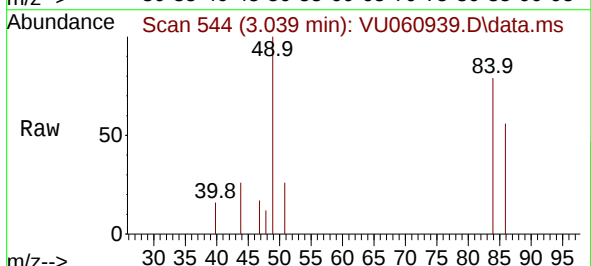
RT: 3.039 min Scan# 544

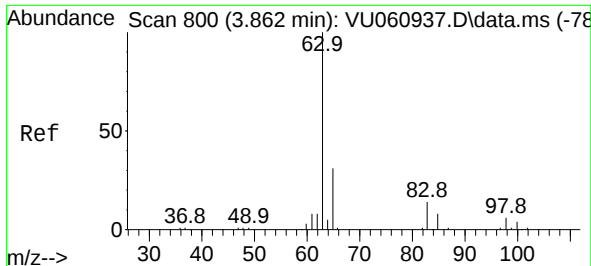
Delta R.T. -0.000 min

Lab File: VU060939.D

Acq: 20 Sep 2024 13:40

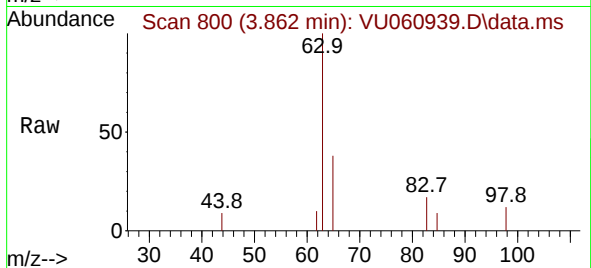
Tgt Ion:	84	Resp:	1366
Ion	Ratio	Lower	Upper
84	100		
86	70.3	47.3	87.8
49	126.4	78.7	146.1



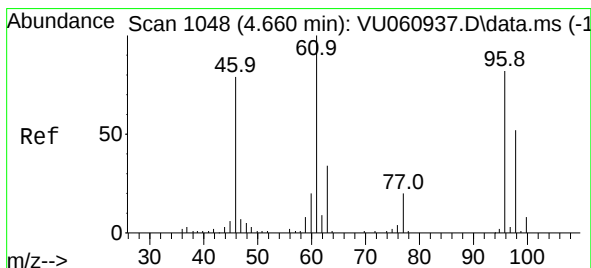
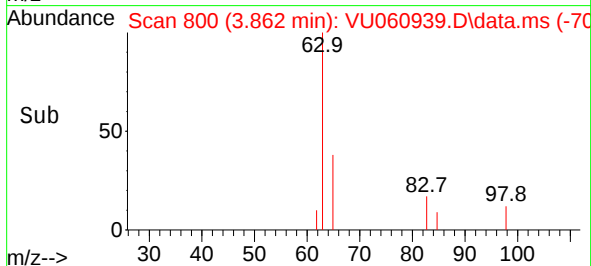
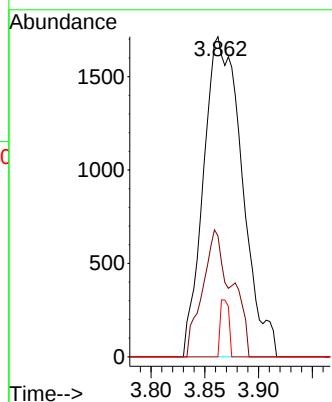


#19
1,1-Dichloroethane
Concen: 0.257 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU060939.D
Acq: 20 Sep 2024 13:40

Instrument :
MSVOA_U
ClientSampleId :

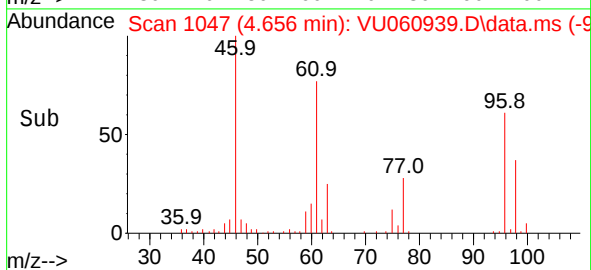
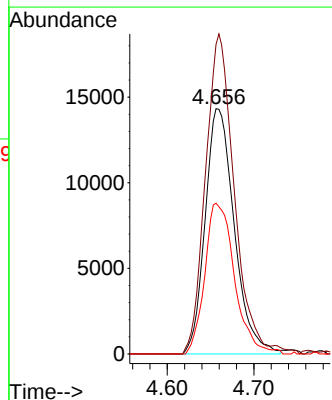
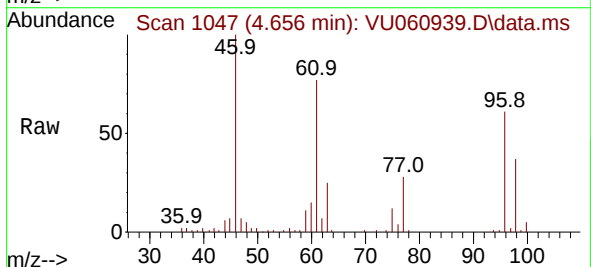


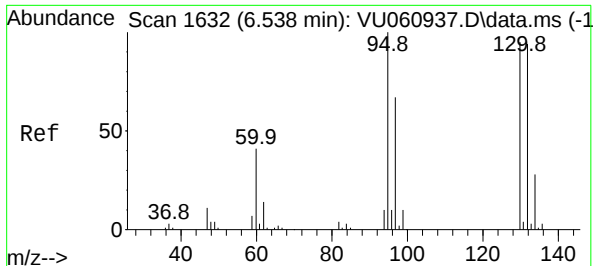
Tgt Ion: 63 Resp: 4283
Ion Ratio Lower Upper
63 100
65 37.7 23.0 42.8
83 0.0 9.0 16.6#



#22
cis-1,2-Dichloroethene
Concen: 3.639 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU060939.D
Acq: 20 Sep 2024 13:40

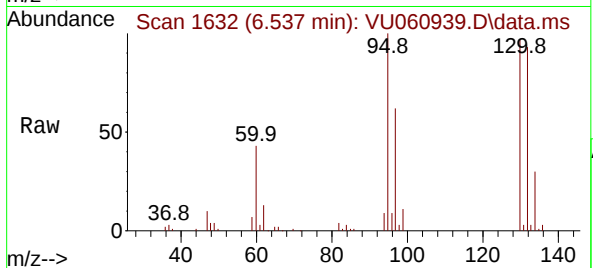
Tgt Ion: 96 Resp: 33484
Ion Ratio Lower Upper
96 100
61 126.2 89.7 166.5
98 61.5 45.1 83.9



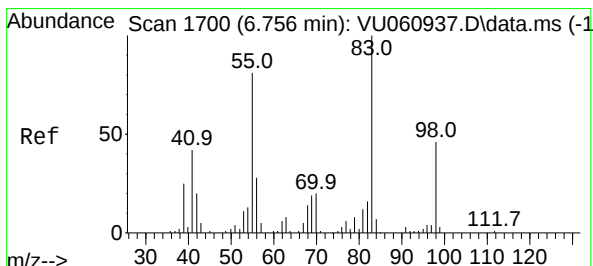
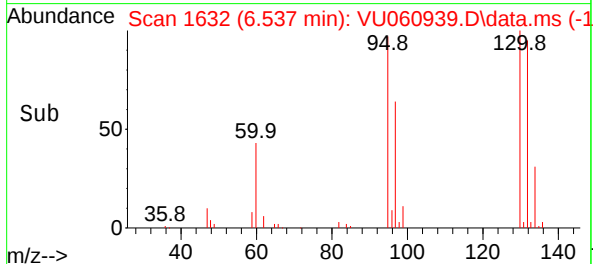
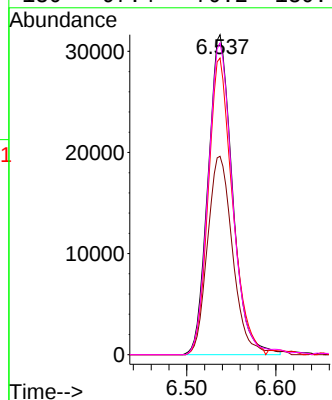


#34
Trichloroethene
Concen: 6.251 ug/L
RT: 6.537 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VU060939.D
Acq: 20 Sep 2024 13:40

Instrument :
MSVOA_U
ClientSampleId :

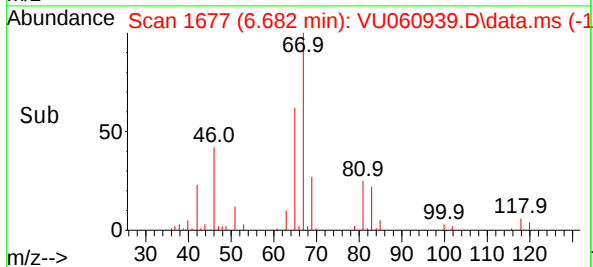
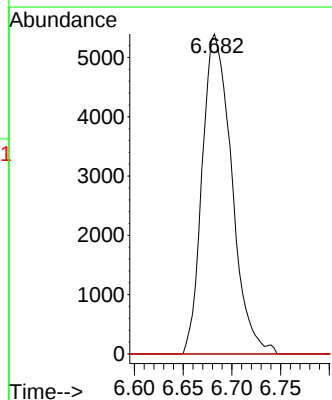
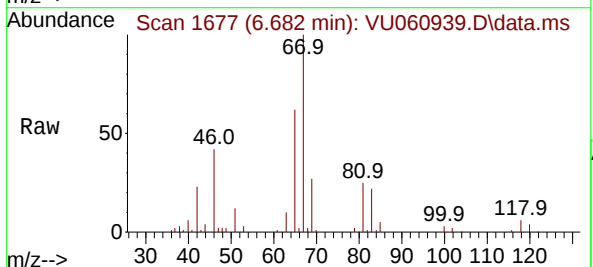


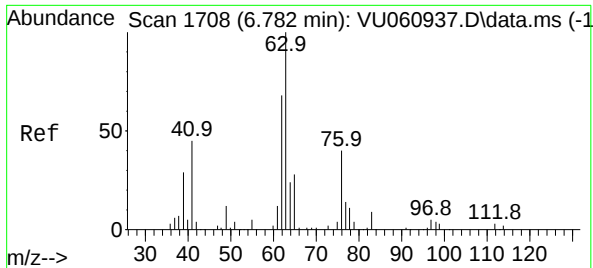
Tgt Ion: 95 Resp: 60285
Ion Ratio Lower Upper
95 100
97 62.0 44.9 83.5
132 92.7 63.5 117.9
130 97.4 70.2 130.4



#35
Methylcyclohexane
Concen: 0.860 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU060939.D
Acq: 20 Sep 2024 13:40

Tgt Ion: 83 Resp: 11380
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.0 37.6 56.4#

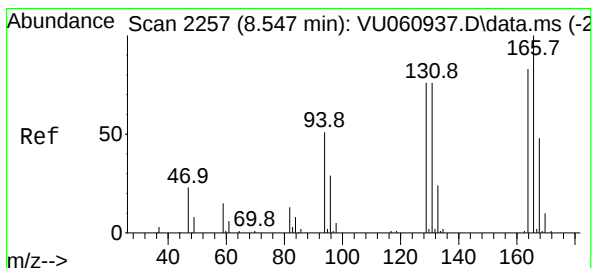
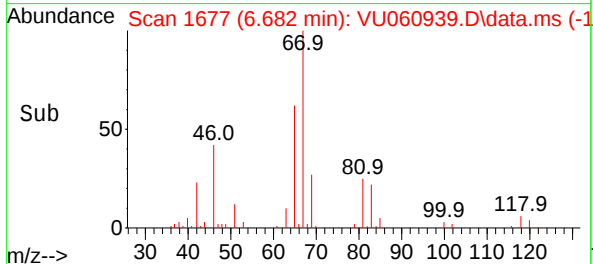
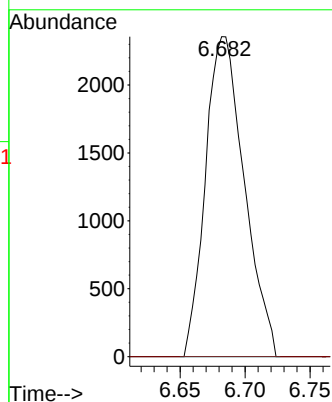
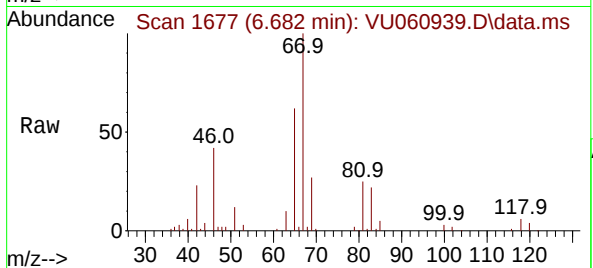




#37
1,2-Dichloropropane
Concen: 0.483 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU060939.D
Acq: 20 Sep 2024 13:40

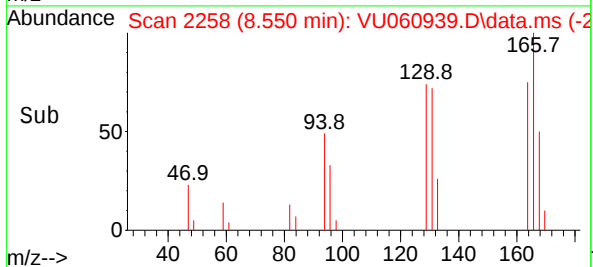
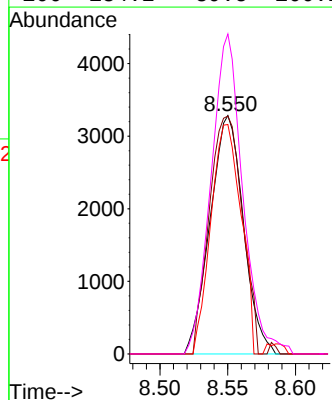
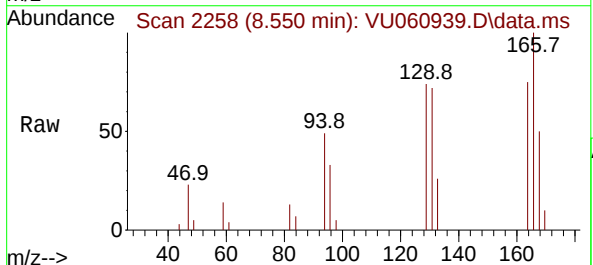
Instrument :
MSVOA_U
ClientSampleId :

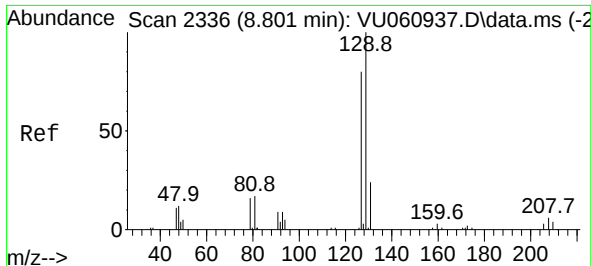
Tgt Ion: 63 Resp: 4899
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#



#47
Tetrachloroethene
Concen: 0.733 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU060939.D
Acq: 20 Sep 2024 13:40

Tgt Ion:164 Resp: 5618
Ion Ratio Lower Upper
164 100
129 99.8 67.3 124.9
131 96.2 65.4 121.4
166 134.2 89.5 166.1





#49

Dibromochloromethane

Concen: 0.667 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.251 min

Lab File: VU060939.D

Acq: 20 Sep 2024 13:40

Instrument :

MSVOA_U

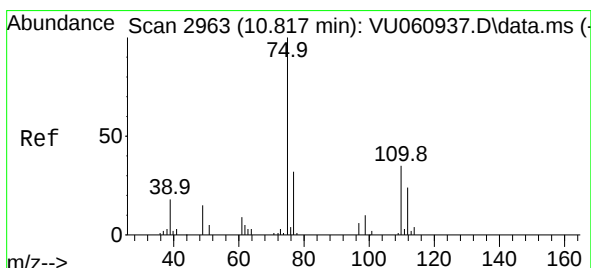
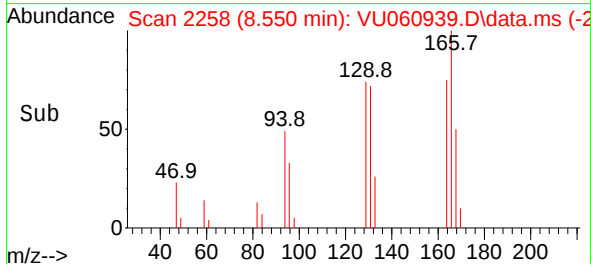
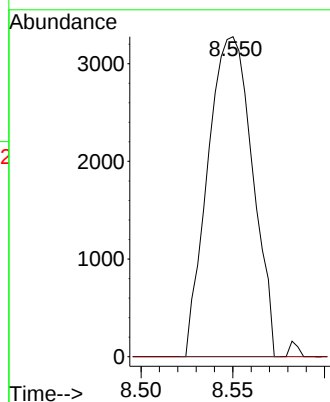
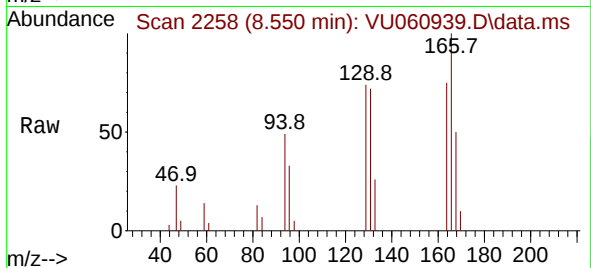
ClientSampleId :

Tgt Ion:129 Resp: 5556

Ion Ratio Lower Upper

129 100

127 0.0 56.1 104.1#



#61

1,2,3-Trichloropropane

Concen: 1.300 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU060939.D

Acq: 20 Sep 2024 13:40

Tgt Ion: 75 Resp: 6549

Ion Ratio Lower Upper

75 100

110 2.0 28.6 43.0#

77 30.6 26.3 39.5

