

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092024\
 Data File : VU060957.D
 Acq On : 20 Sep 2024 21:18
 Operator : MD/SY
 Sample : P4092-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 21 01:45:33 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)

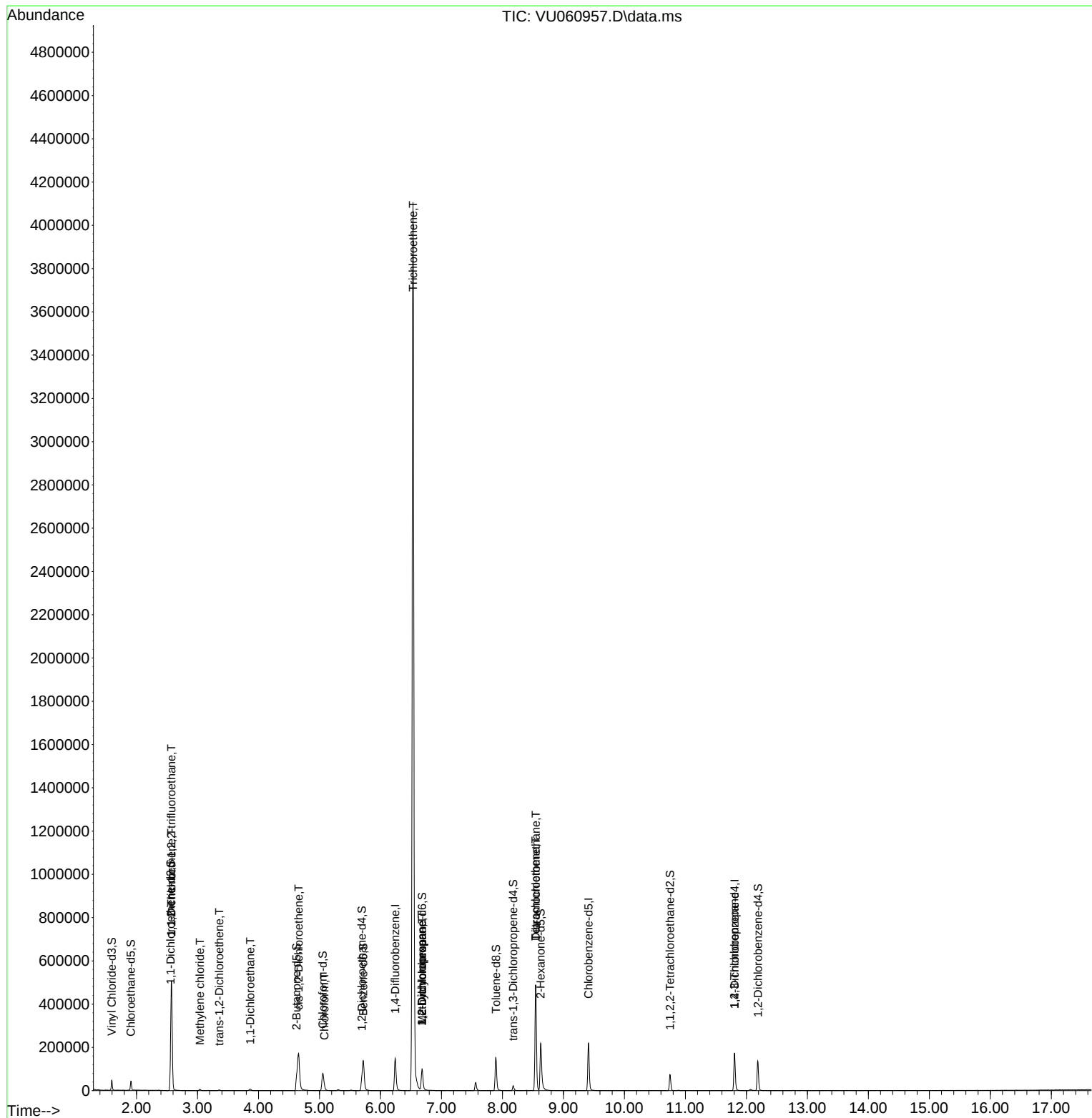
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	127739	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	131125	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	52089	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	32775	2.853	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.000%
7) Chloroethane-d5	1.907	69	31880	3.897	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.000%
11) 1,1-Dichloroethene-d2	2.560	65	12847	3.155	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.000%
20) 2-Butanone-d5	4.624	46	98422	53.361	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.720%
24) Chloroform-d	5.055	84	74157	4.222	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.695	65	39163	4.665	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.717	84	133219	3.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.800%
36) 1,2-Dichloropropane-d6	6.682	67	50983	4.689	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.894	98	110897	3.461	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.200%#
43) trans-1,3-Dichloroprop...	8.177	79	14011	3.580	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.600%
46) 2-Hexanone-d5	8.627	63	78583	50.895	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.800%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	40508	4.755	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	39997	4.570	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	60632	6.891	ug/L	98
12) 1,1-Dichloroethene	2.573	96	114645	14.268	ug/L #	77
16) Methylene chloride	3.039	84	2759	0.297	ug/L	95
18) trans-1,2-Dichloroethene	3.357	96	851	0.102	ug/L #	72
19) 1,1-Dichloroethane	3.865	63	8769	0.525	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	83188	9.028	ug/L	98
25) Chloroform	5.081	83	11206	0.643	ug/L	95
34) Trichloroethene	6.534	95	1456120	154.060	ug/L	97
35) Methylcyclohexane	6.685	83	11490	0.886	ug/L #	17
37) 1,2-Dichloropropane	6.679	63	5271	0.531	ug/L #	93
47) Tetrachloroethene	8.544	164	111653	14.865	ug/L	98
49) Dibromochloromethane	8.547	129	109604	13.423	ug/L #	9
61) 1,2,3-Trichloropropane	11.804	75	5932	1.221	ug/L #	68

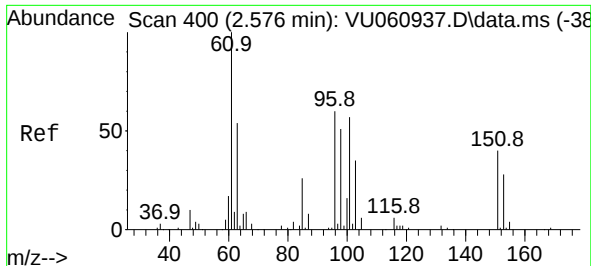
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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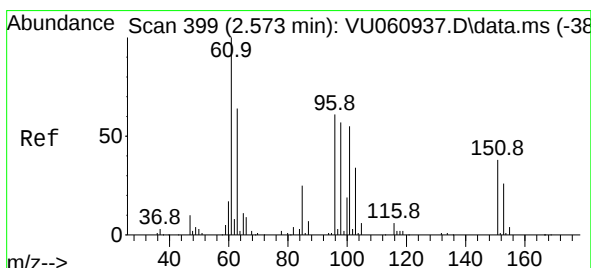
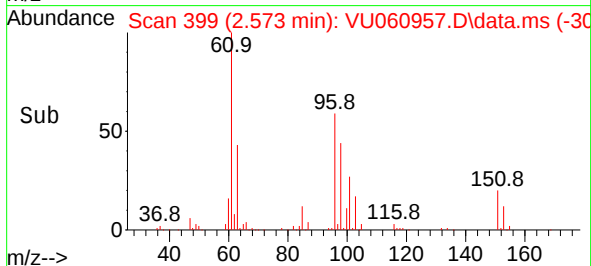
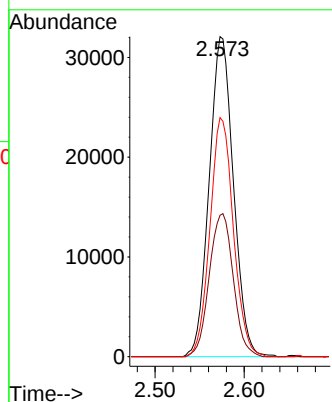
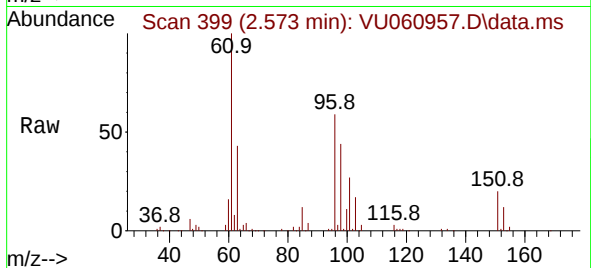




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 6.891 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU060957.D
Acq: 20 Sep 2024 21:18

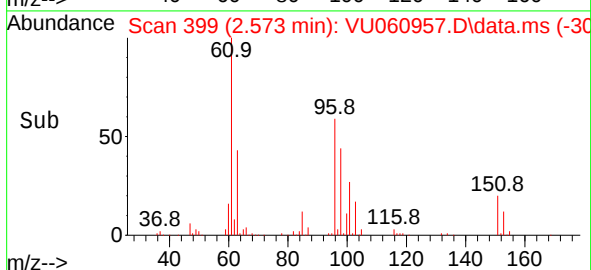
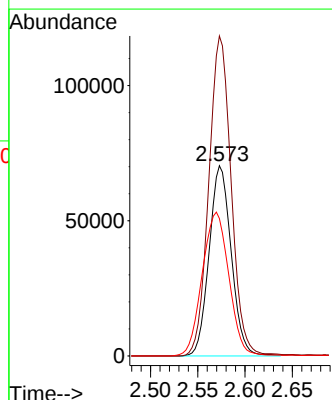
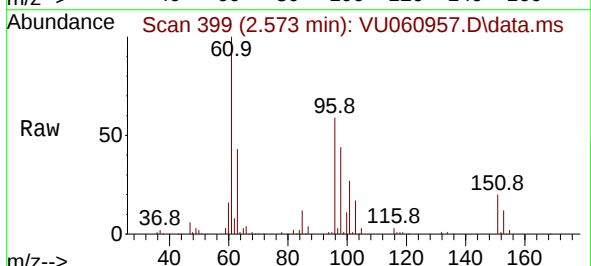
Instrument :
MSVOA_U
ClientSampleId :

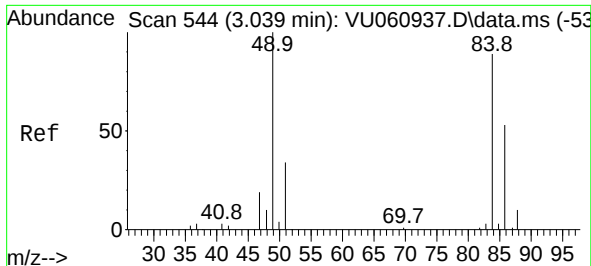
Tgt Ion:101 Resp: 60632
Ion Ratio Lower Upper
101 100
85 44.3 34.2 51.4
151 72.3 58.6 88.0



#12
1,1-Dichloroethene
Concen: 14.268 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060957.D
Acq: 20 Sep 2024 21:18

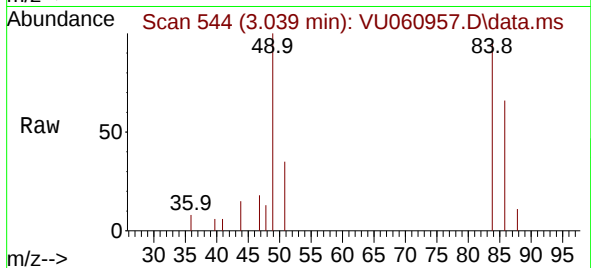
Tgt Ion: 96 Resp: 114645
Ion Ratio Lower Upper
96 100
61 168.1 120.7 224.1
63 72.3 90.0 167.2#



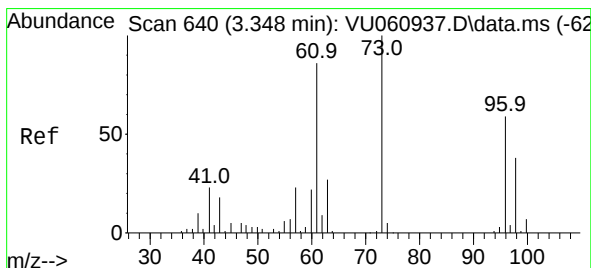
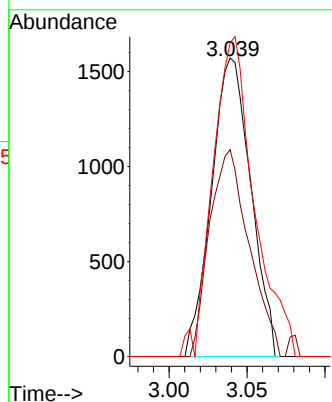
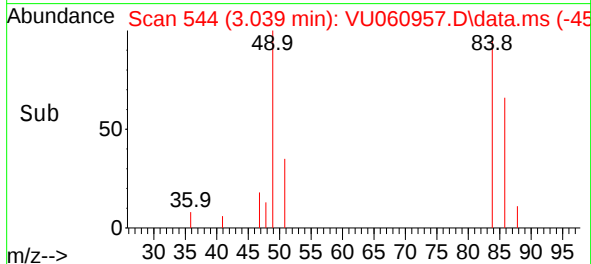


#16
Methylene chloride
Concen: 0.297 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU060957.D
Acq: 20 Sep 2024 21:18

Instrument :
MSVOA_U
ClientSampleId :

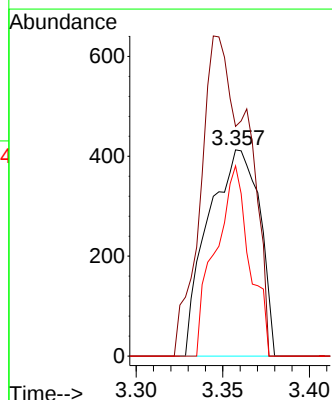
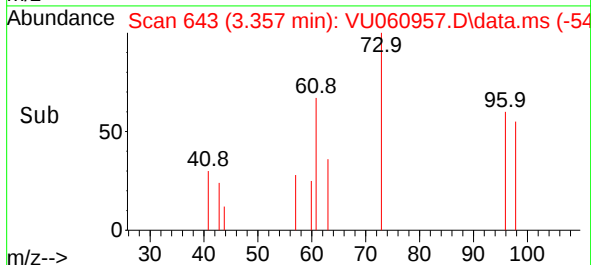
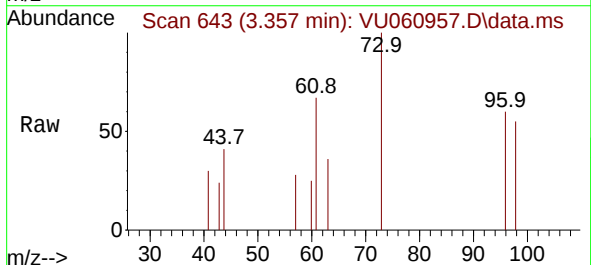


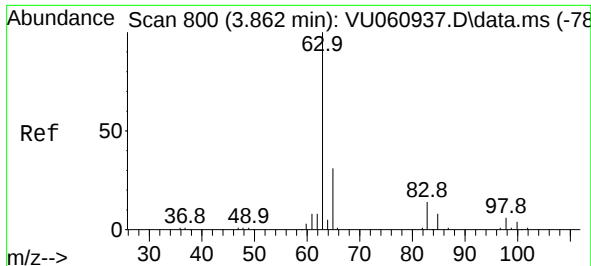
Tgt Ion: 84 Resp: 2759
Ion Ratio Lower Upper
84 100
86 69.3 47.3 87.8
49 105.1 78.7 146.1



#18
trans-1,2-Dichloroethene
Concen: 0.102 ug/L
RT: 3.357 min Scan# 643
Delta R.T. 0.009 min
Lab File: VU060957.D
Acq: 20 Sep 2024 21:18

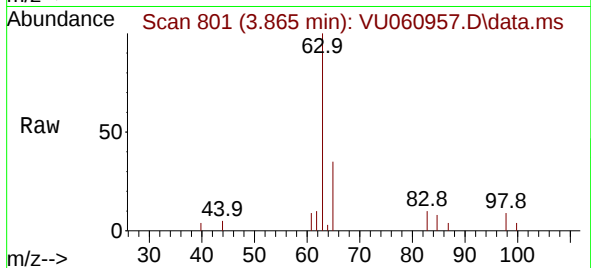
Tgt Ion: 96 Resp: 851
Ion Ratio Lower Upper
96 100
61 111.4 97.2 180.6
98 92.3 43.3 80.5#



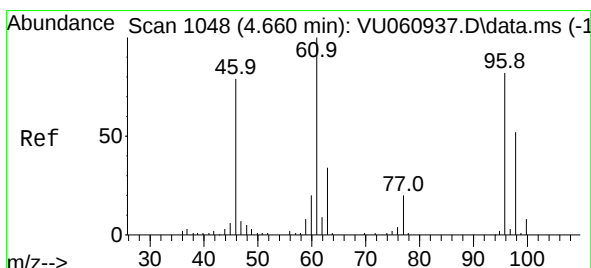
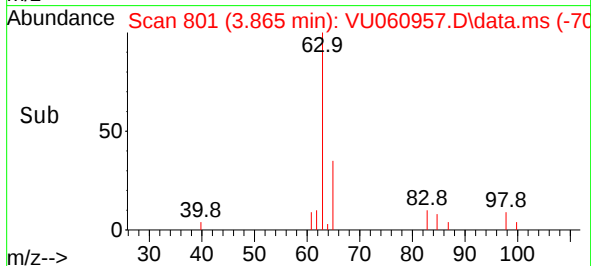
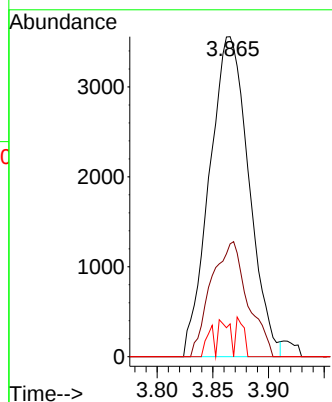


#19
1,1-Dichloroethane
Concen: 0.525 ug/L
RT: 3.865 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU060957.D
Acq: 20 Sep 2024 21:18

Instrument :
MSVOA_U
ClientSampleId :

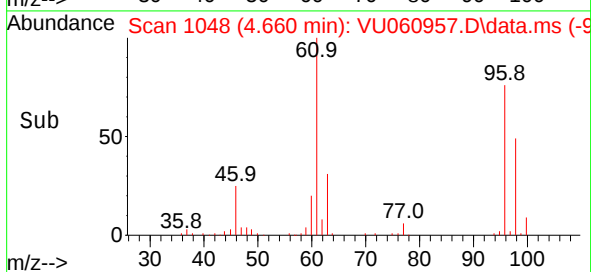
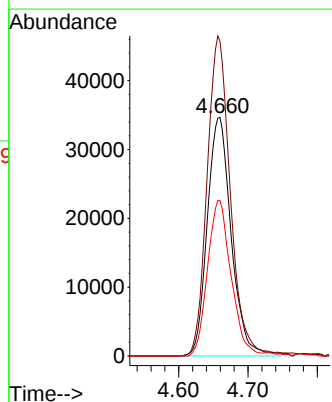
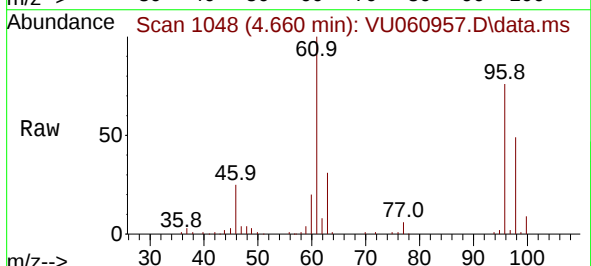


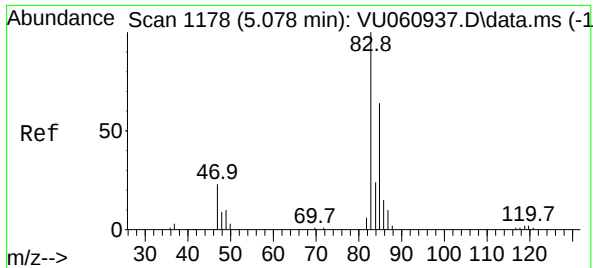
Tgt Ion:	63	Resp:	8769
Ion	Ratio	Lower	Upper
63	100		
65	35.3	23.0	42.8
83	10.3	9.0	16.6



#22
cis-1,2-Dichloroethene
Concen: 9.028 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU060957.D
Acq: 20 Sep 2024 21:18

Tgt Ion:	96	Resp:	83188
Ion	Ratio	Lower	Upper
96	100		
61	131.9	89.7	166.5
98	65.2	45.1	83.9





#25

Chloroform

Concen: 0.643 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU060957.D

Acq: 20 Sep 2024 21:18

Instrument :

MSVOA_U

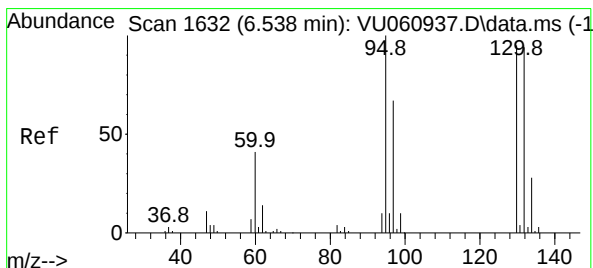
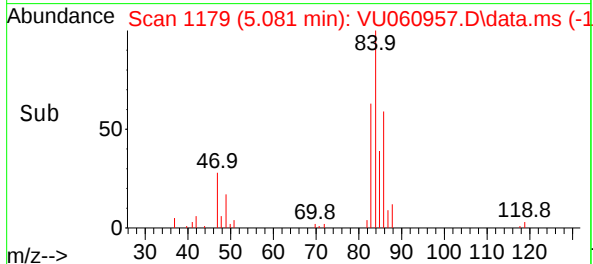
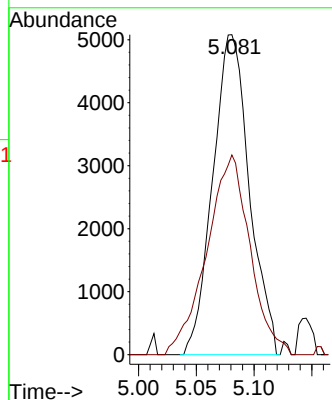
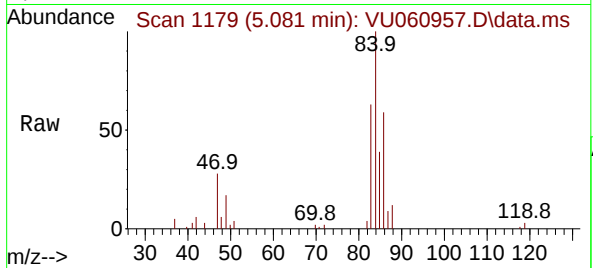
ClientSampleId :

Tgt Ion: 83 Resp: 11206

Ion Ratio Lower Upper

83 100

85 62.4 46.8 86.8



#34

Trichloroethene

Concen: 154.060 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. -0.003 min

Lab File: VU060957.D

Acq: 20 Sep 2024 21:18

Tgt Ion: 95 Resp: 1456120

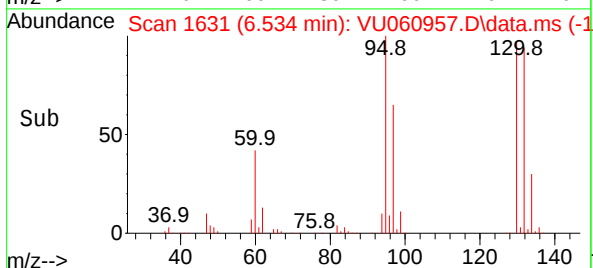
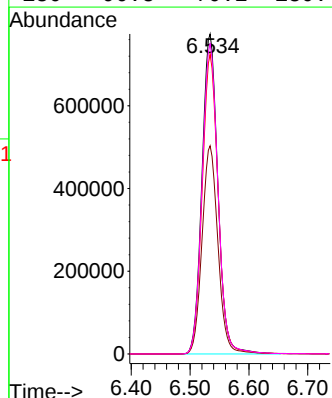
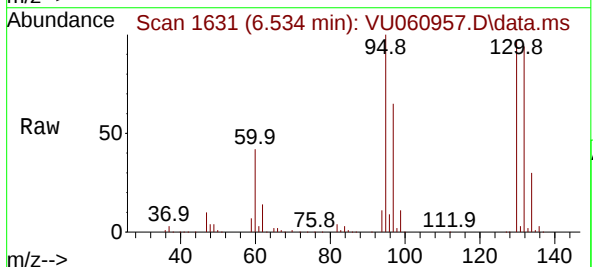
Ion Ratio Lower Upper

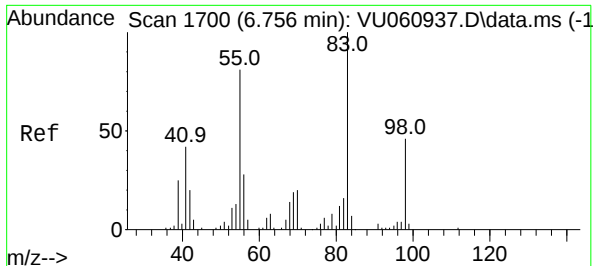
95 100

97 65.1 44.9 83.5

132 93.6 63.5 117.9

130 96.8 70.2 130.4





#35

Methylcyclohexane

Concen: 0.886 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU060957.D

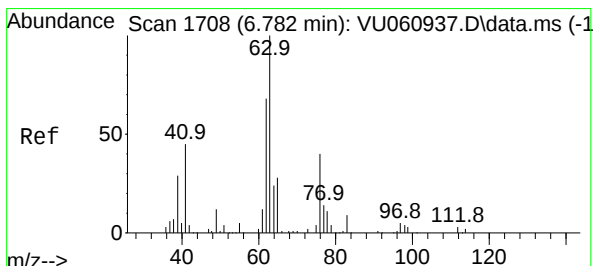
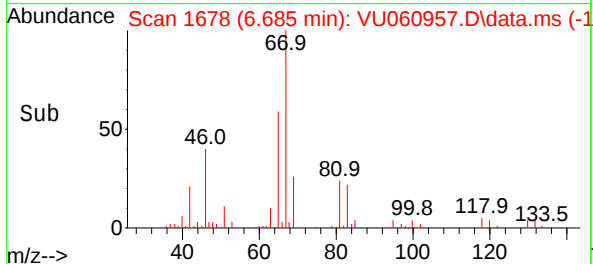
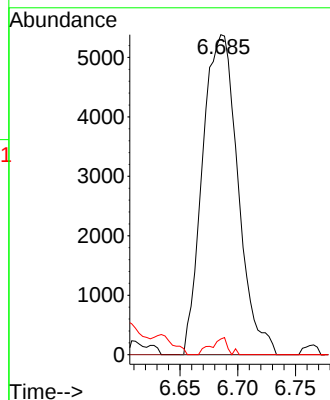
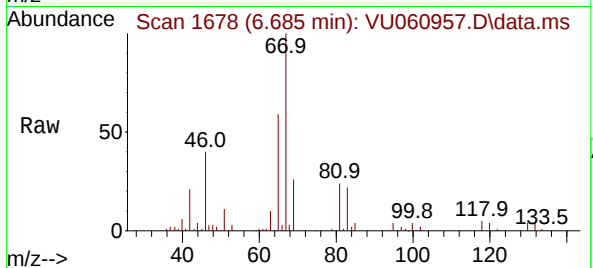
Acq: 20 Sep 2024 21:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 11490
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: 0.531 ug/L

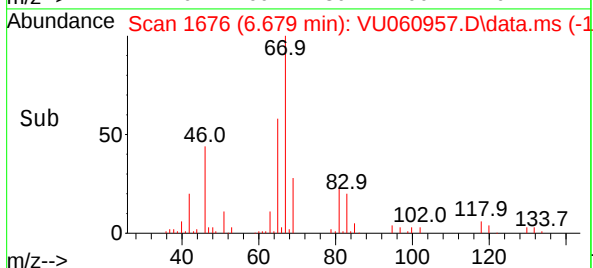
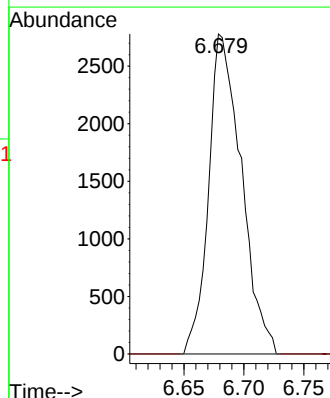
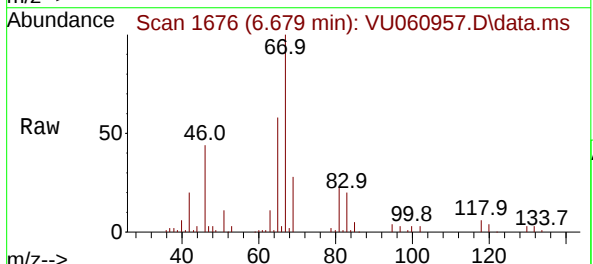
RT: 6.679 min Scan# 1676

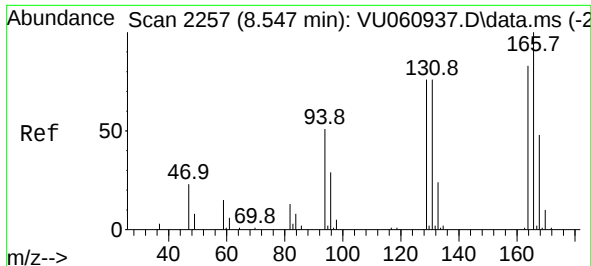
Delta R.T. -0.103 min

Lab File: VU060957.D

Acq: 20 Sep 2024 21:18

Tgt Ion: 63	Resp: 5271
Ion Ratio	Lower Upper
63 100	
112 0.0	2.0 3.0#





#47

Tetrachloroethene

Concen: 14.865 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.003 min

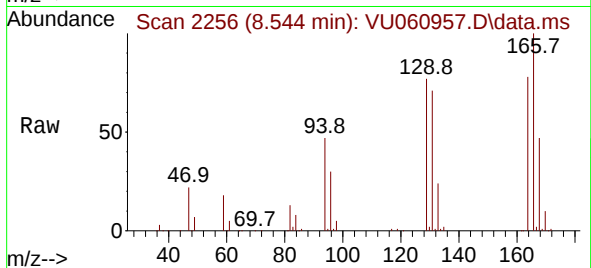
Lab File: VU060957.D

Acq: 20 Sep 2024 21:18

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 111653

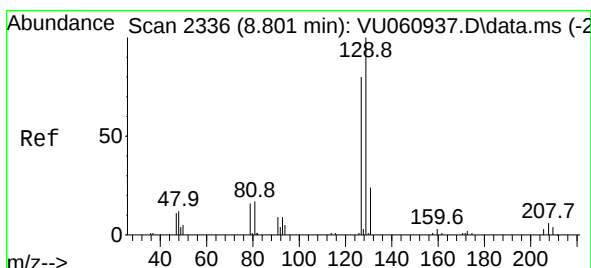
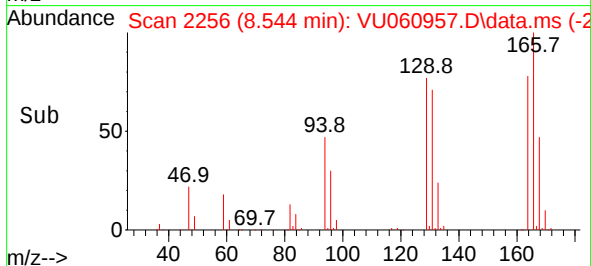
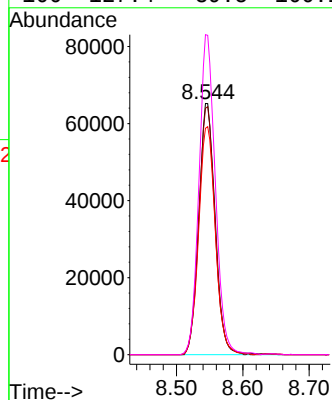
Ion Ratio Lower Upper

164 100

129 98.1 67.3 124.9

131 90.1 65.4 121.4

166 127.4 89.5 166.1



#49

Dibromochloromethane

Concen: 13.423 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU060957.D

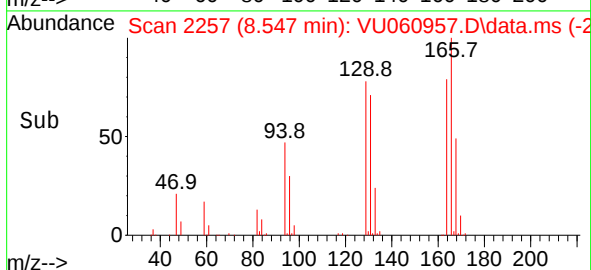
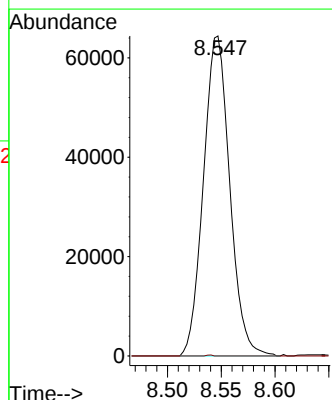
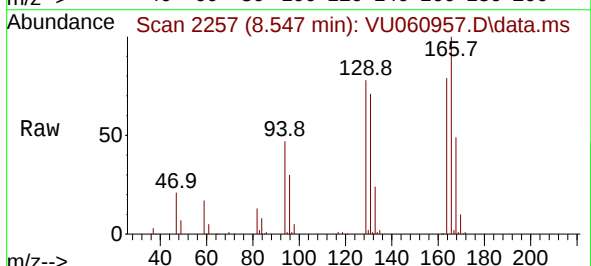
Acq: 20 Sep 2024 21:18

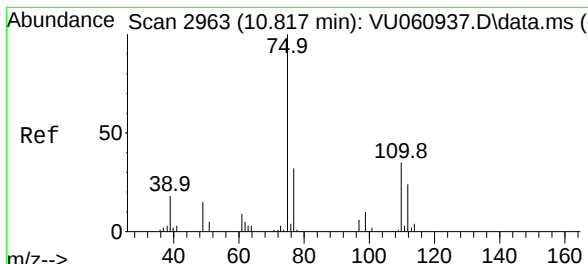
Tgt Ion:129 Resp: 109604

Ion Ratio Lower Upper

129 100

127 0.0 56.1 104.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.221 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU060957.D
 Acq: 20 Sep 2024 21:18

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:	75	Resp:	5932
Ion	Ratio	Lower	Upper
75	100		
110	1.9	28.6	43.0#
77	34.5	26.3	39.5

