

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092324\
 Data File : VU060970.D
 Acq On : 23 Sep 2024 12:22
 Operator : MD/SY
 Sample : P4092-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 06:08:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 24 06:06:45 2024
 Response via : Initial Calibration

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

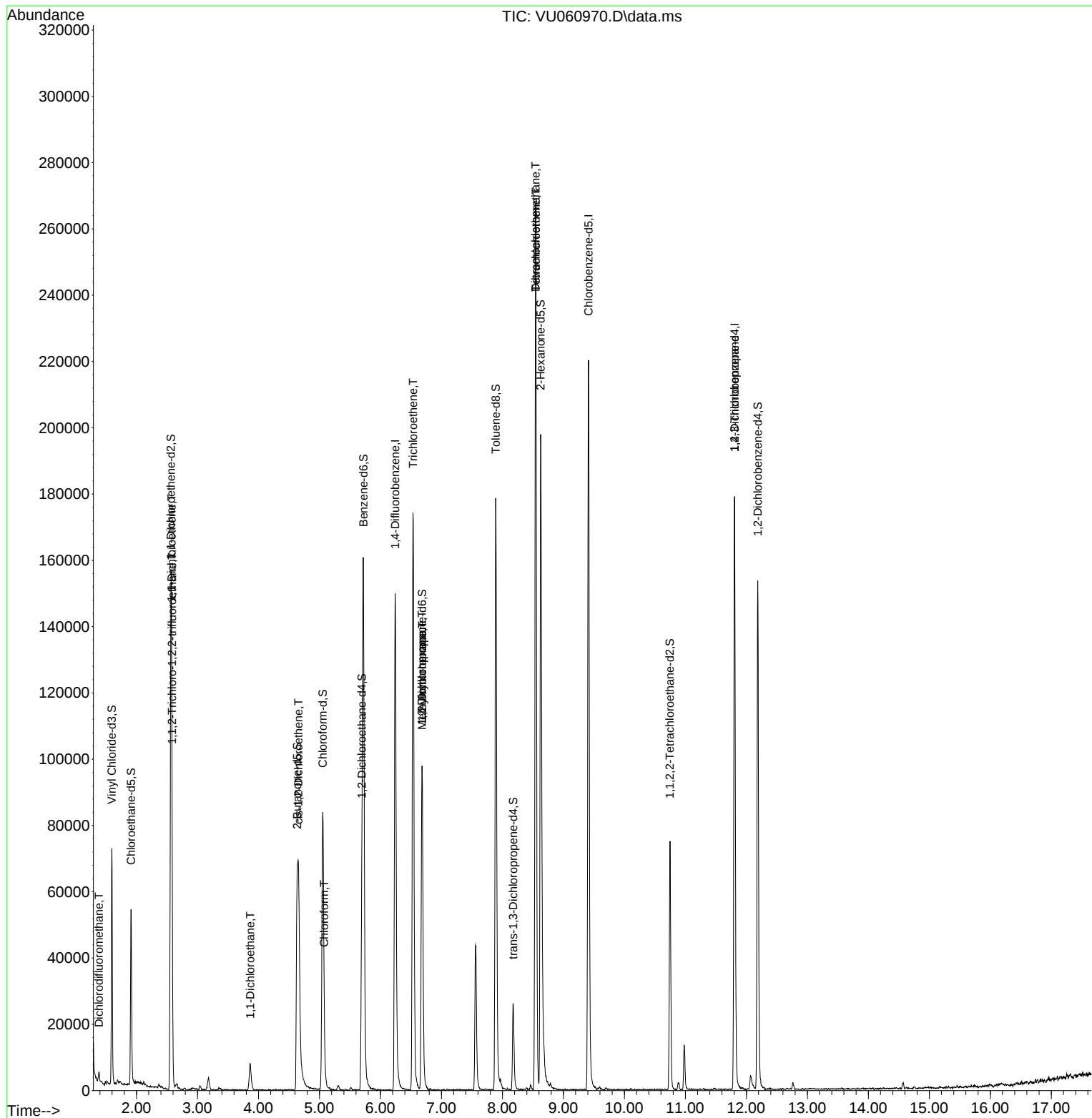
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	132784	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	138784	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	54342	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	49893	4.178	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.911	69	39925	4.695	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.563	65	18836	4.450	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	4.634	46	85826	44.764	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.520%
24) Chloroform-d	5.055	84	82347	4.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.695	65	40945	4.692	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.721	84	156955	4.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.682	67	54293	4.717	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.891	98	132532	3.908	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	8.177	79	17320	4.181	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.627	63	74287	45.458	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.920%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	40445	4.486	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	44518	4.875	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	1232	0.123	ug/L #	81
10) 1,1,2-Trichloro-1,2,2-...	2.583	101	3772	0.412	ug/L	97
12) 1,1-Dichloroethene	2.576	96	31407	3.760	ug/L	94
19) 1,1-Dichloroethane	3.865	63	10200	0.587	ug/L	93
22) cis-1,2-Dichloroethene	4.656	96	22579	2.357	ug/L	90
25) Chloroform	5.078	83	3210	0.177	ug/L	89
34) Trichloroethene	6.534	95	63892	6.387	ug/L	96
35) Methylcyclohexane	6.685	83	11773	0.858	ug/L #	18
37) 1,2-Dichloropropane	6.679	63	5342	0.508	ug/L #	93
47) Tetrachloroethene	8.547	164	63844	8.031	ug/L	98
49) Dibromochloromethane	8.544	129	61352	7.099	ug/L #	9
61) 1,2,3-Trichloropropane	11.807	75	6396	1.262	ug/L #	70

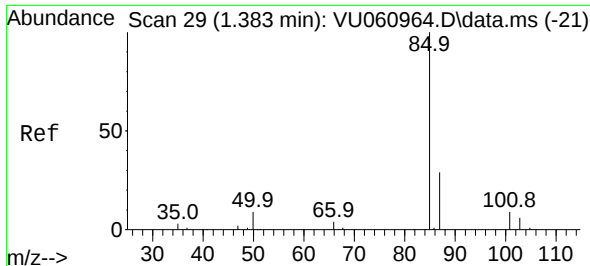
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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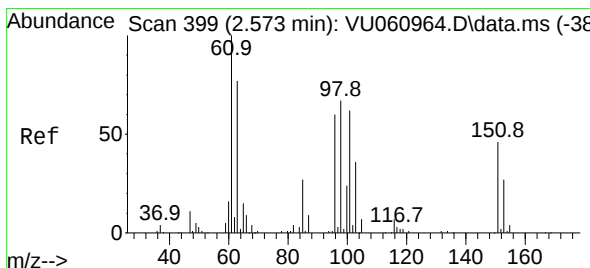
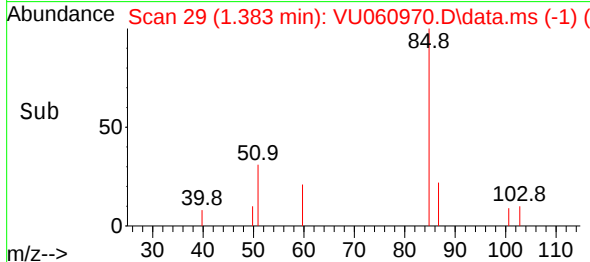
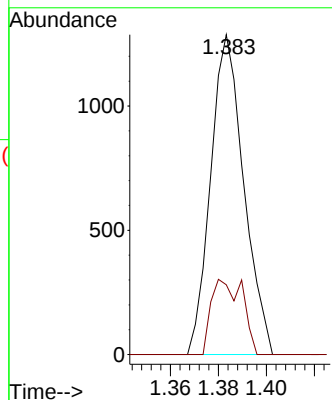
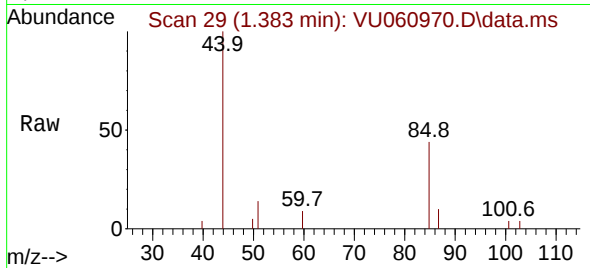




#2
 Dichlorodifluoromethane
 Concen: 0.123 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU060970.D
 Acq: 23 Sep 2024 12:22

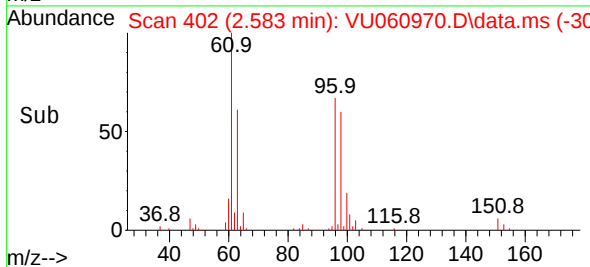
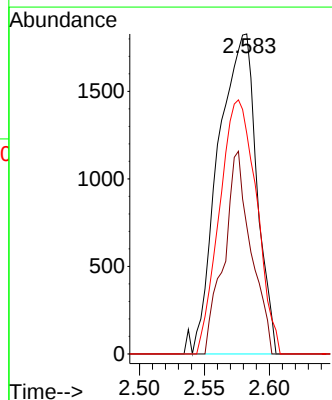
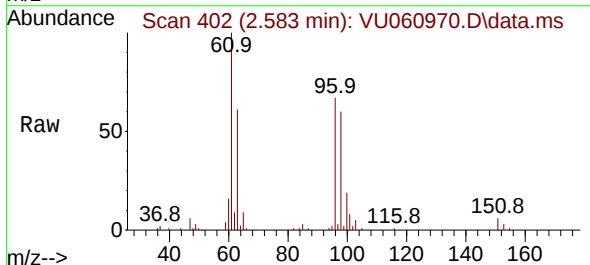
Instrument :
 MSVOA_U
 ClientSampleId :

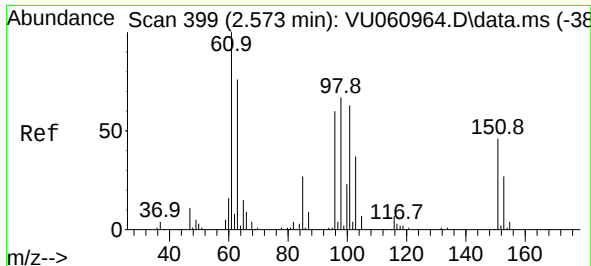
Tgt Ion: 85 Resp: 1232
 Ion Ratio Lower Upper
 85 100
 87 22.2 26.2 39.2#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.412 ug/L
 RT: 2.583 min Scan# 402
 Delta R.T. 0.009 min
 Lab File: VU060970.D
 Acq: 23 Sep 2024 12:22

Tgt Ion:101 Resp: 3772
 Ion Ratio Lower Upper
 101 100
 85 44.4 34.2 51.4
 151 76.3 58.6 88.0





#12

1,1-Dichloroethene

Concen: 3.760 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

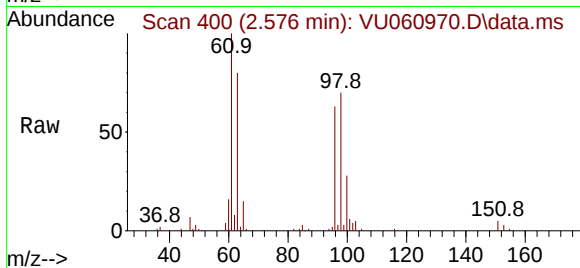
Lab File: VU060970.D

Acq: 23 Sep 2024 12:22

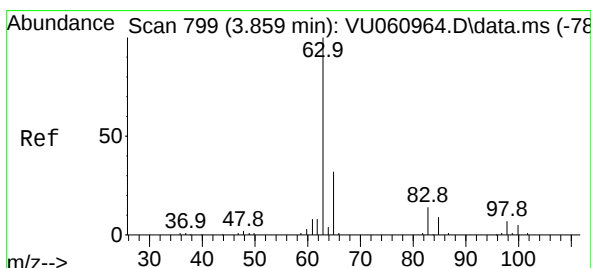
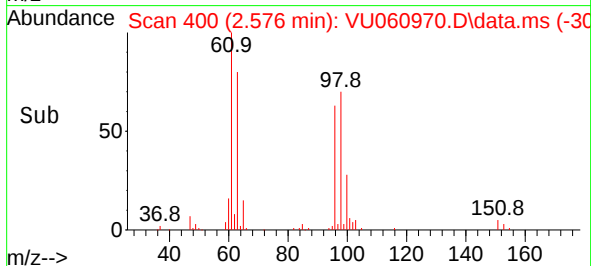
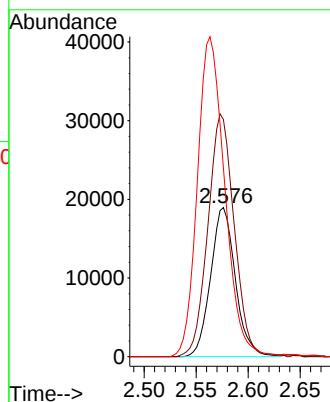
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	96	Resp:	31407
Ion	Ratio	Lower	Upper
96	100		
61	159.1	120.7	224.1
63	126.7	90.0	167.2



#19

1,1-Dichloroethane

Concen: 0.587 ug/L

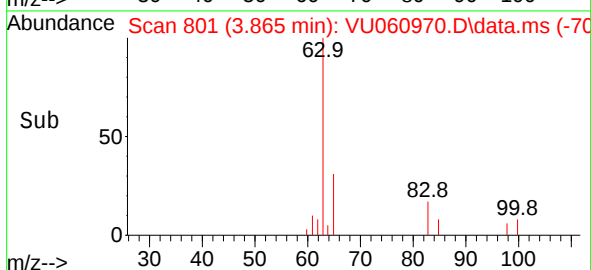
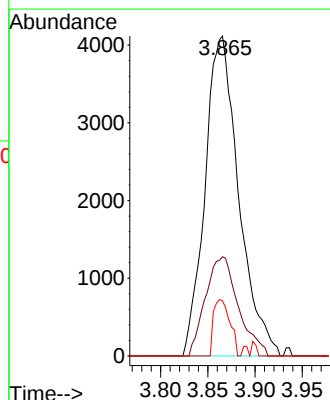
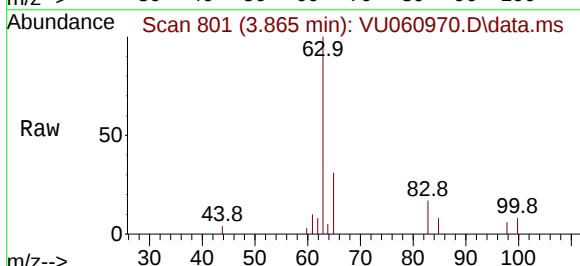
RT: 3.865 min Scan# 801

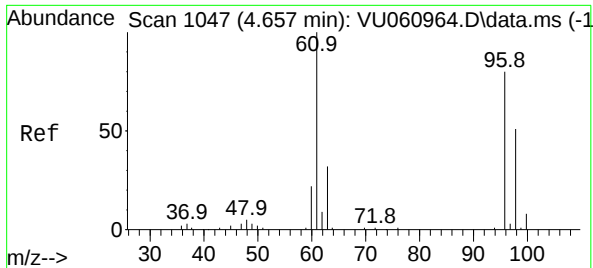
Delta R.T. 0.006 min

Lab File: VU060970.D

Acq: 23 Sep 2024 12:22

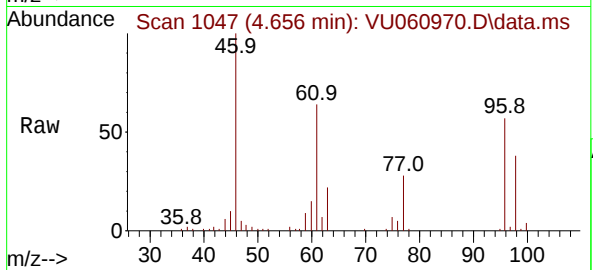
Tgt Ion:	63	Resp:	10200
Ion	Ratio	Lower	Upper
63	100		
65	29.6	23.0	42.8
83	16.5	9.0	16.6



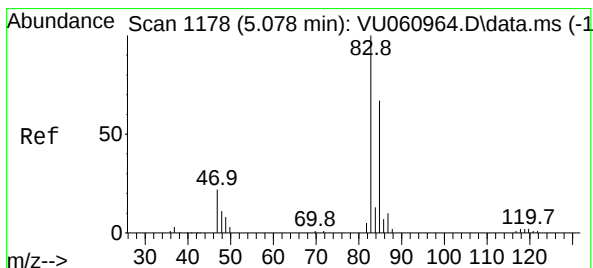
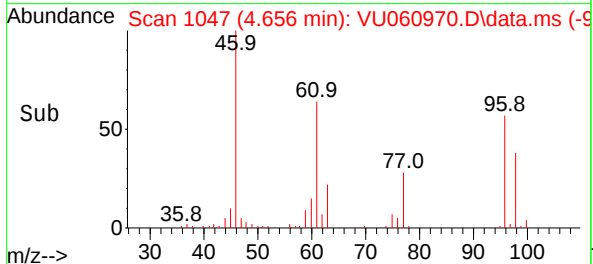
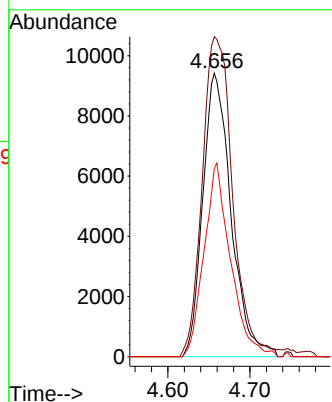


#22
 cis-1,2-Dichloroethene
 Concen: 2.357 ug/L
 RT: 4.656 min Scan# 1104
 Delta R.T. -0.000 min
 Lab File: VU060970.D
 Acq: 23 Sep 2024 12:22

Instrument :
 MSVOA_U
 ClientSampleId :

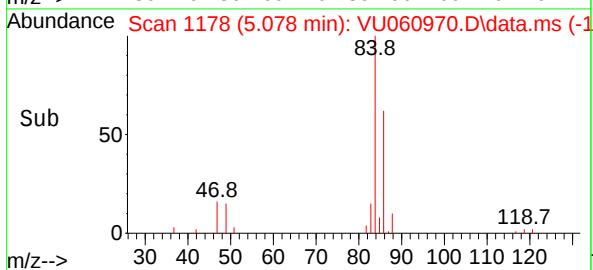
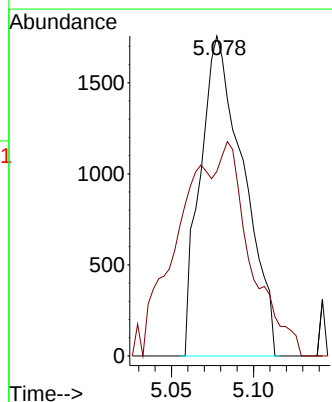
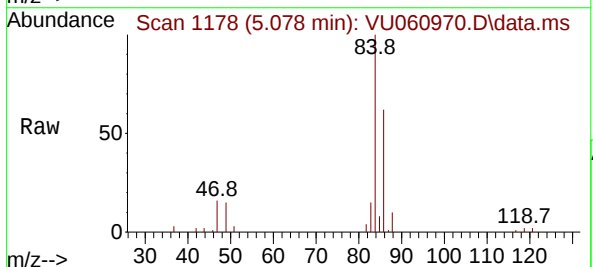


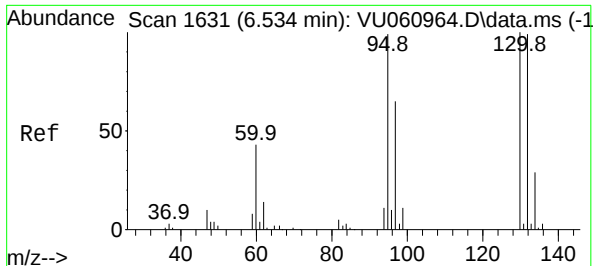
Tgt Ion:	96	Resp:	22579
Ion	Ratio	Lower	Upper
96	100		
61	112.9	89.7	166.5
98	66.4	45.1	83.9



#25
 Chloroform
 Concen: 0.177 ug/L
 RT: 5.078 min Scan# 1178
 Delta R.T. -0.000 min
 Lab File: VU060970.D
 Acq: 23 Sep 2024 12:22

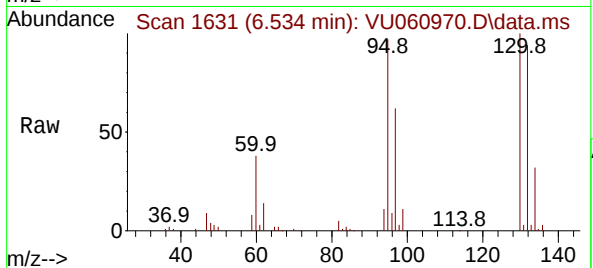
Tgt Ion:	83	Resp:	3210
Ion	Ratio	Lower	Upper
83	100		
85	57.7	46.8	86.8





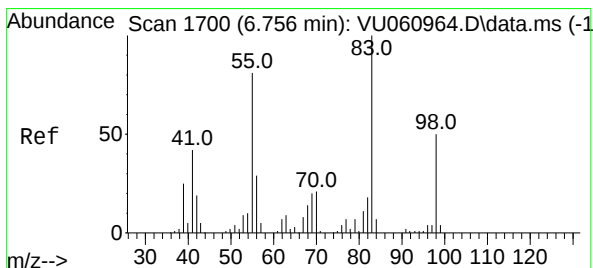
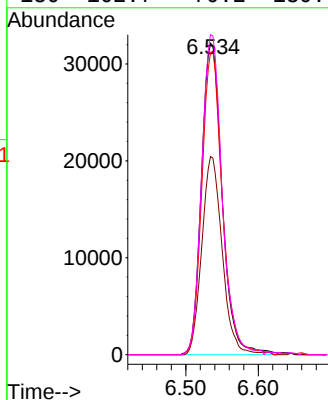
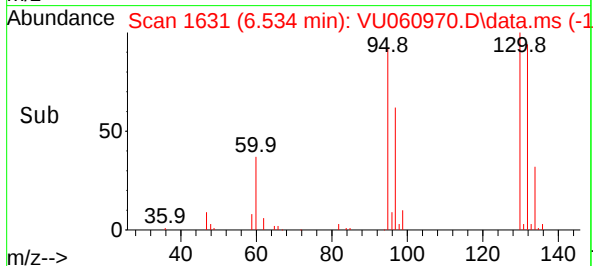
#34
Trichloroethene
Concen: 6.387 ug/L
RT: 6.534 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VU060970.D
Acq: 23 Sep 2024 12:22

Instrument :
MSVOA_U
ClientSampleId :

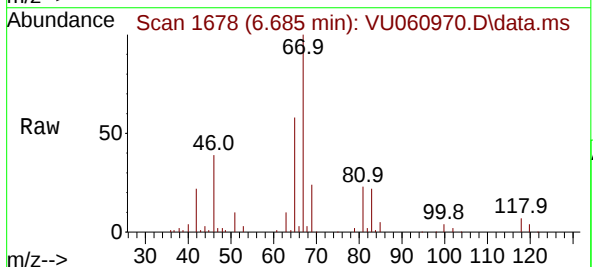


Tgt Ion: 95 Resp: 63892

Ion	Ratio	Lower	Upper
95	100		
97	63.6	44.9	83.5
132	97.0	63.5	117.9
130	102.7	70.2	130.4

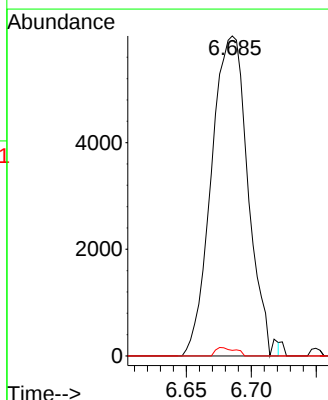
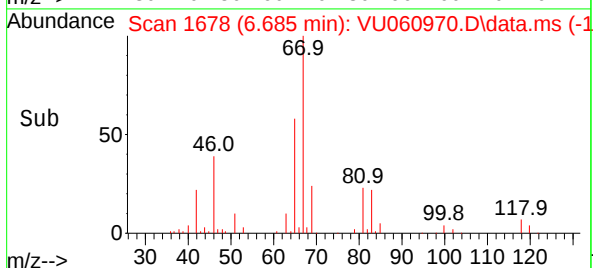


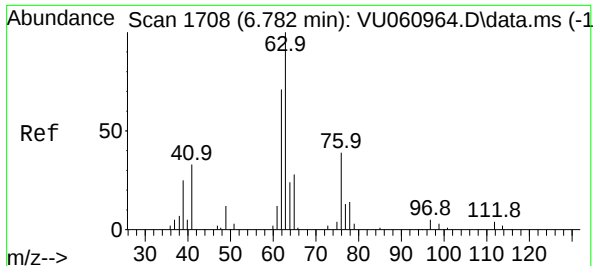
#35
Methylcyclohexane
Concen: 0.858 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU060970.D
Acq: 23 Sep 2024 12:22



Tgt Ion: 83 Resp: 11773

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	1.4	37.6	56.4#

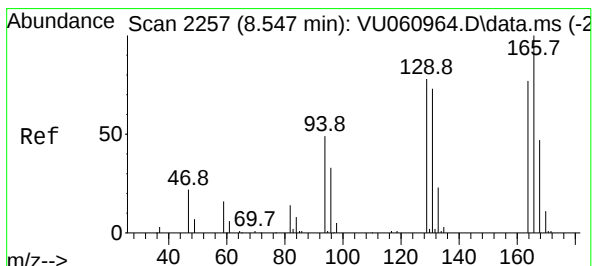
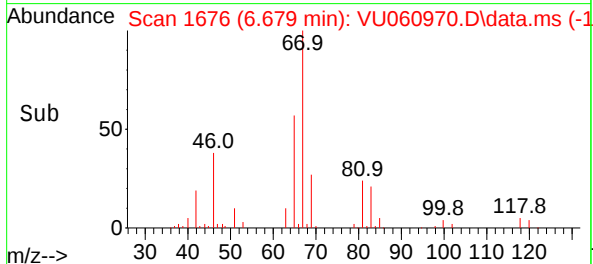
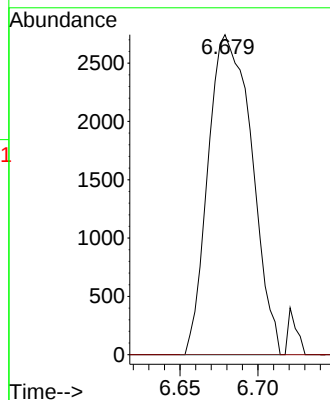
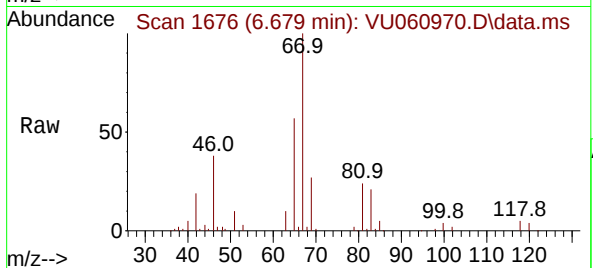




#37
1,2-Dichloropropane
Concen: 0.508 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU060970.D
Acq: 23 Sep 2024 12:22

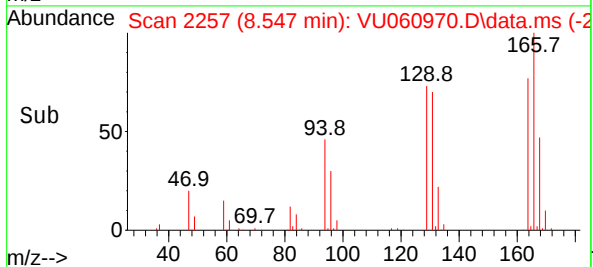
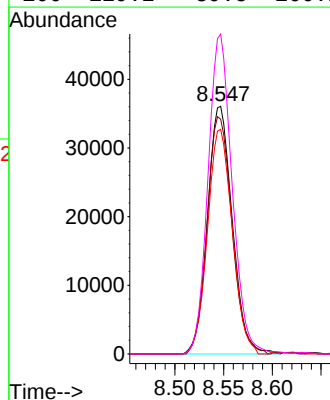
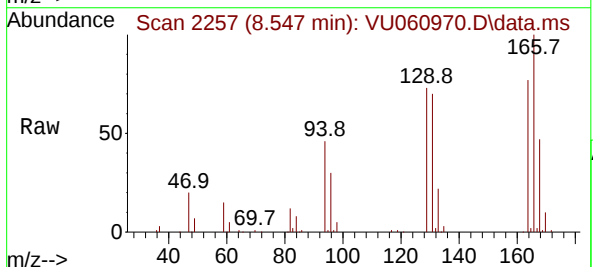
Instrument :
MSVOA_U
ClientSampleId :

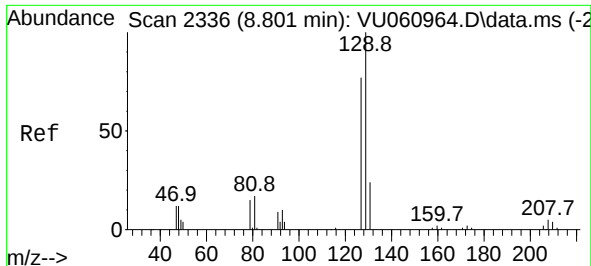
Tgt Ion: 63 Resp: 5342
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#



#47
Tetrachloroethene
Concen: 8.031 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060970.D
Acq: 23 Sep 2024 12:22

Tgt Ion:164 Resp: 63844
Ion Ratio Lower Upper
164 100
129 94.8 67.3 124.9
131 90.7 65.4 121.4
166 129.2 89.5 166.1





#49

Dibromochloromethane

Concen: 7.099 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU060970.D

Acq: 23 Sep 2024 12:22

Instrument :

MSVOA_U

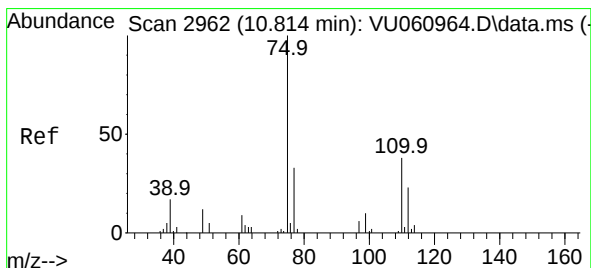
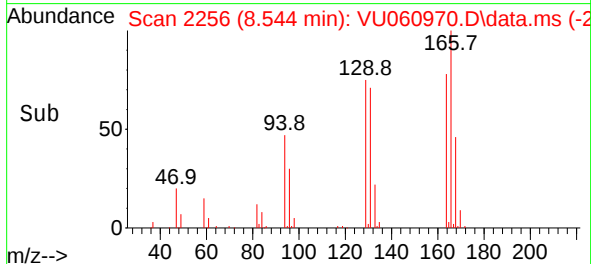
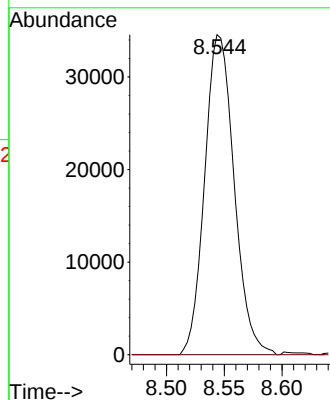
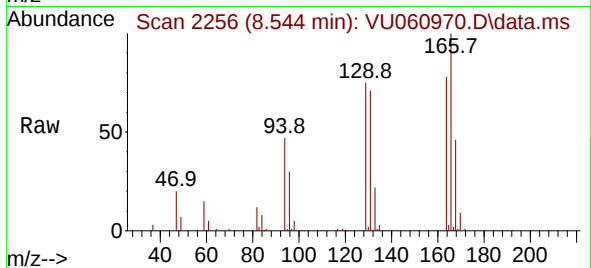
ClientSampleId :

Tgt Ion:129 Resp: 61352

Ion Ratio Lower Upper

129 100

127 0.0 56.1 104.1#



#61

1,2,3-Trichloropropane

Concen: 1.262 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.993 min

Lab File: VU060970.D

Acq: 23 Sep 2024 12:22

Tgt Ion: 75 Resp: 6396

Ion Ratio Lower Upper

75 100

110 2.9 28.6 43.0#

77 34.3 26.3 39.5

