

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092324\
 Data File : VU060967.D
 Acq On : 23 Sep 2024 11:11
 Operator : MD/SY
 Sample : P4092-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 06:07:51 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

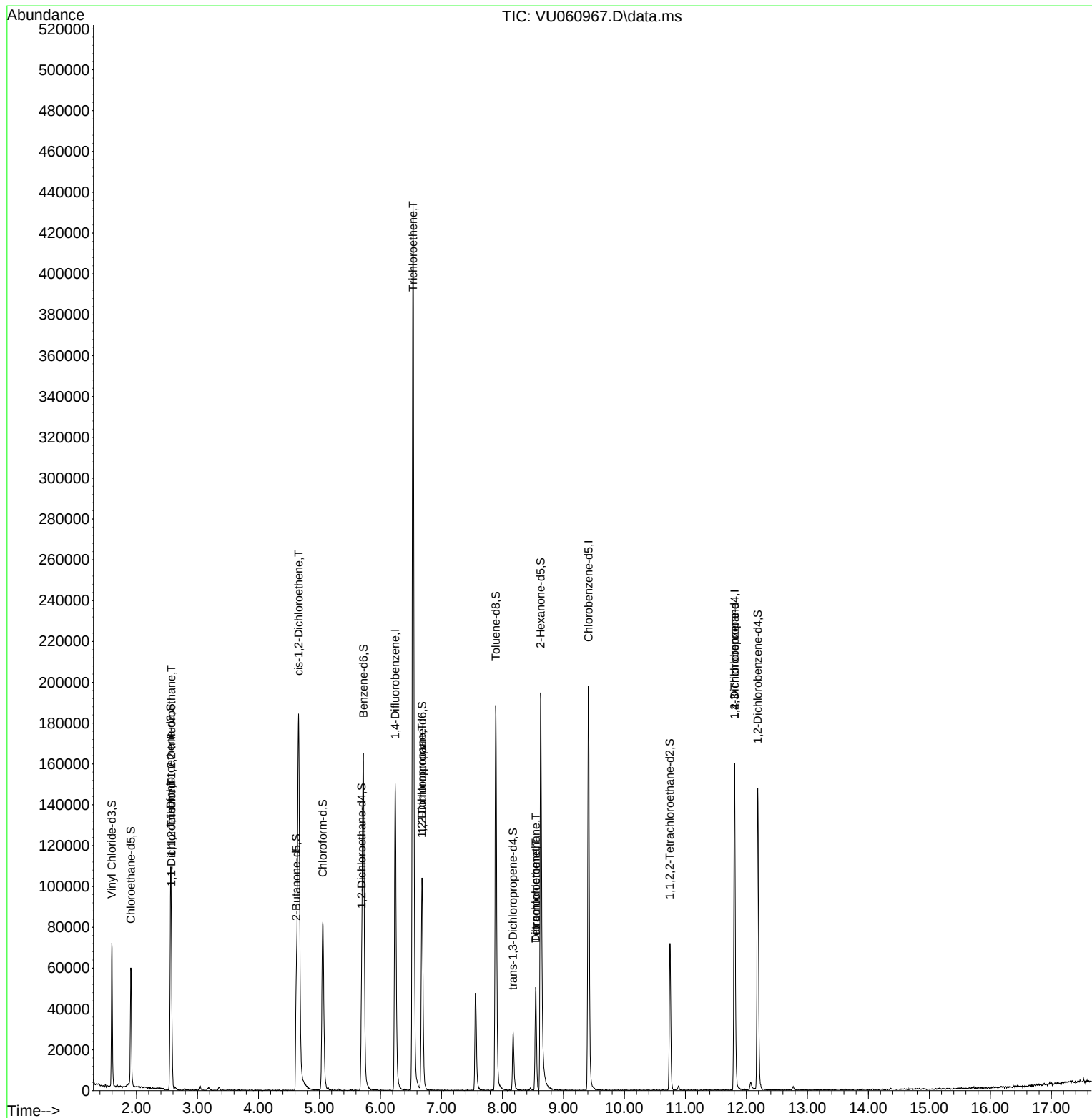
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	129795	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	121694	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	47118	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	49943	4.278	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	85.600%	
7) Chloroethane-d5	1.907	69	41888	5.040	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.800%	
11) 1,1-Dichloroethene-d2	2.560	65	18428	4.454	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.000%	
20) 2-Butanone-d5	4.621	46	83100	44.340	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	88.680%	
24) Chloroform-d	5.055	84	81332	4.557	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
26) 1,2-Dichloroethane-d4	5.692	65	42838	5.022	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.400%	
32) Benzene-d6	5.721	84	163476	5.012	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.200%	
36) 1,2-Dichloropropane-d6	6.682	67	54534	5.404	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.000%	
41) Toluene-d8	7.891	98	141284	4.751	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.000%	
43) trans-1,3-Dichloroprop...	8.174	79	18859	5.192	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	103.800%	
46) 2-Hexanone-d5	8.627	63	68445	47.765	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.520%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	39600	5.009	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	42768	5.402	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.000%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	2501	0.280	ug/L #	86
12) 1,1-Dichloroethene	2.573	96	6689	0.819	ug/L #	1
22) cis-1,2-Dichloroethene	4.660	96	92559	9.885	ug/L	100
34) Trichloroethene	6.534	95	156719	17.866	ug/L	98
37) 1,2-Dichloropropane	6.679	63	5797	0.629	ug/L #	93
47) Tetrachloroethene	8.547	164	11609	1.665	ug/L	98
49) Dibromochloromethane	8.547	129	11337	1.496	ug/L #	9
61) 1,2,3-Trichloropropane	11.807	75	5060	1.151	ug/L #	68

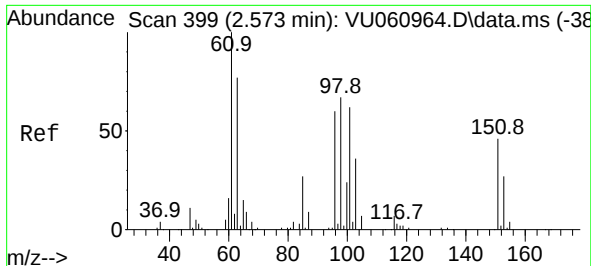
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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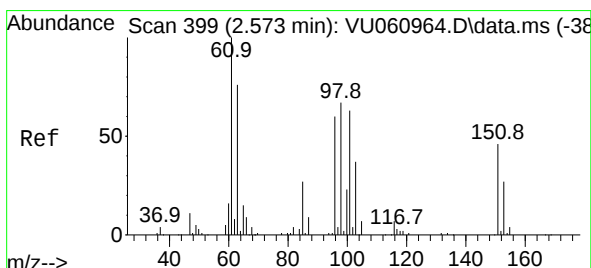
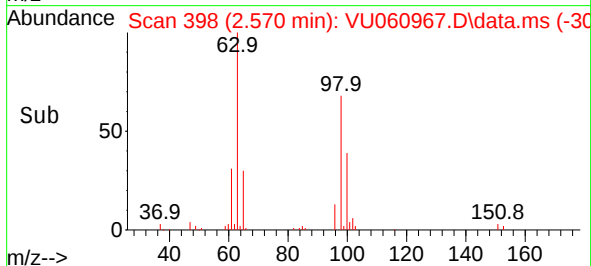
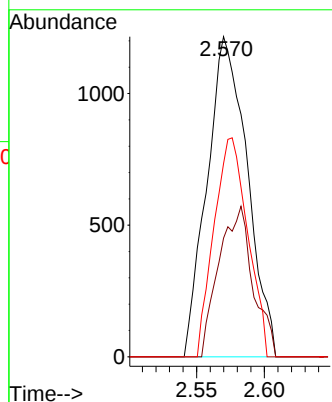
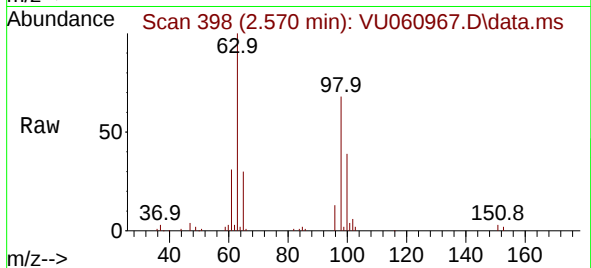




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.280 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU060967.D
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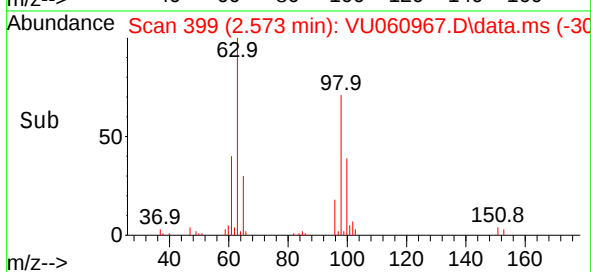
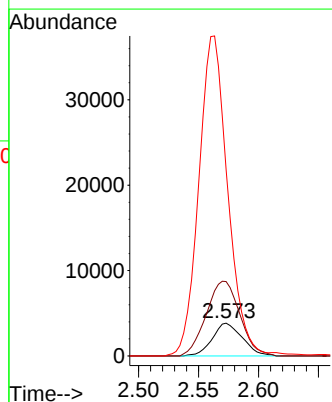
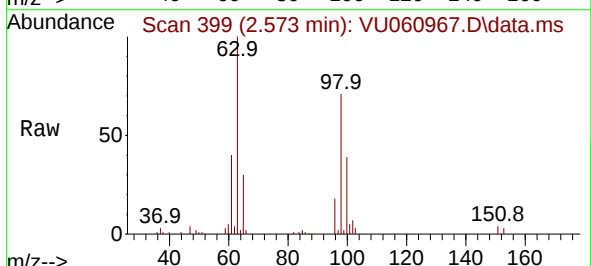
Instrument :
MSVOA_U
ClientSampleId :

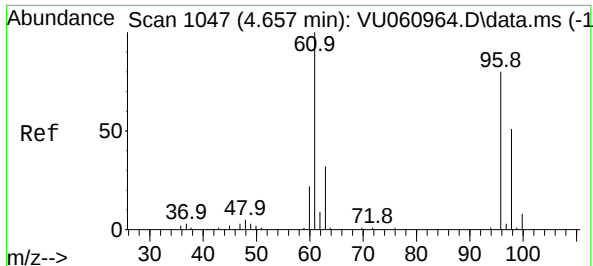
Tgt Ion:101 Resp: 2501
Ion Ratio Lower Upper
101 100
85 39.9 34.2 51.4
151 57.4 58.6 88.0#



#12
1,1-Dichloroethene
Concen: 0.819 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060967.D
Acq: 23 Sep 2024 11:11

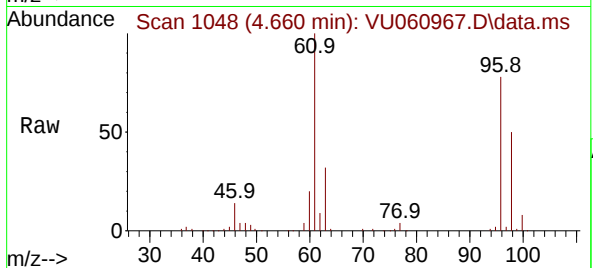
Tgt Ion: 96 Resp: 6689
Ion Ratio Lower Upper
96 100
61 226.2 120.7 224.1#
63 566.0 90.0 167.2#



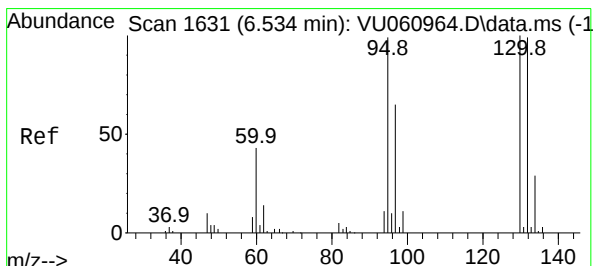
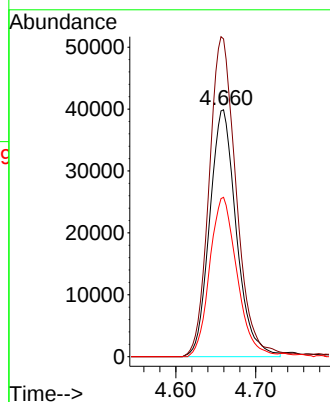
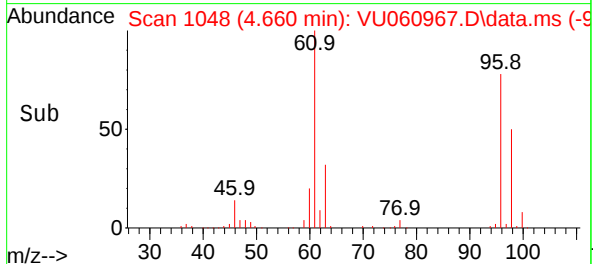


#22
cis-1,2-Dichloroethene
Concen: 9.885 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU060967.D
Acq: 23 Sep 2024 11:11

Instrument :
MSVOA_U
ClientSampleId :

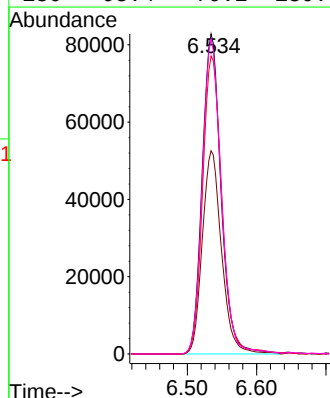
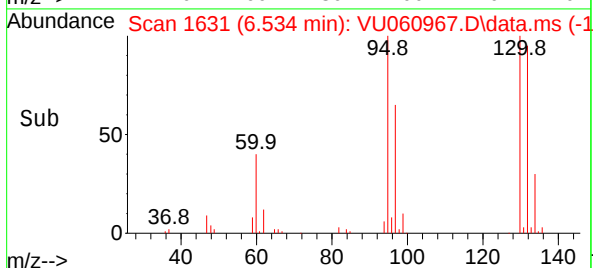
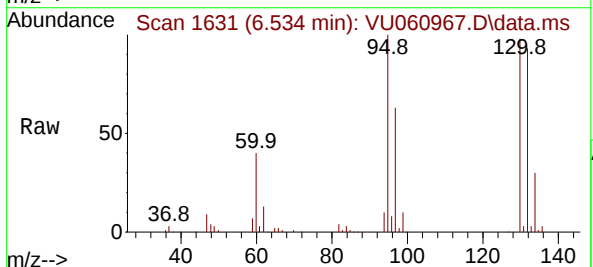


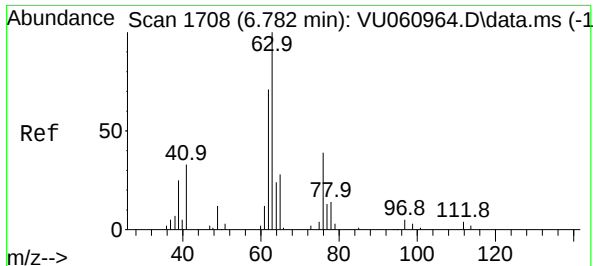
Tgt Ion: 96 Resp: 92559
Ion Ratio Lower Upper
96 100
61 128.7 89.7 166.5
98 64.6 45.1 83.9



#34
Trichloroethene
Concen: 17.866 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU060967.D
Acq: 23 Sep 2024 11:11

Tgt Ion: 95 Resp: 156719
Ion Ratio Lower Upper
95 100
97 63.5 44.9 83.5
132 93.1 63.5 117.9
130 98.4 70.2 130.4

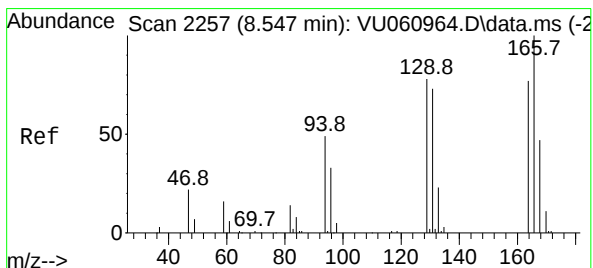
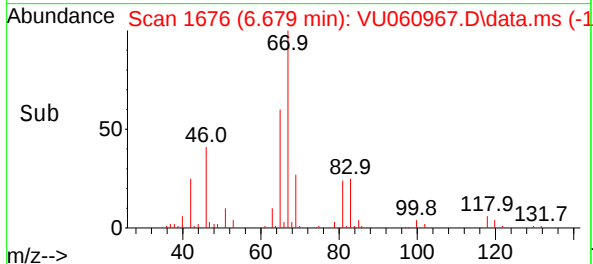
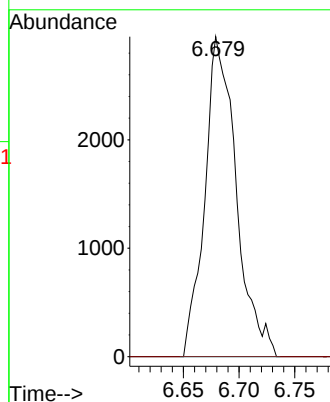
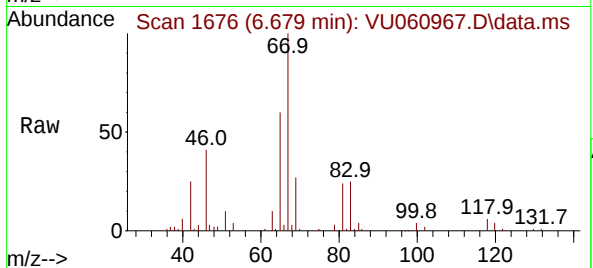




#37
1,2-Dichloropropane
Concen: 0.629 ug/L
RT: 6.679 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU060967.D
Acq: 23 Sep 2024 11:11

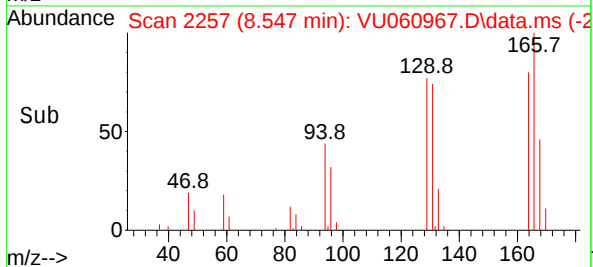
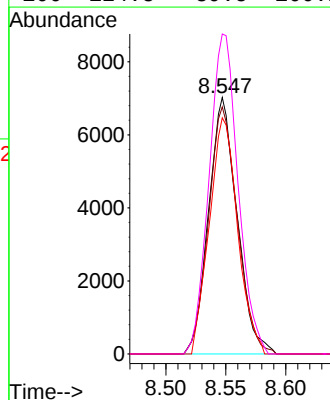
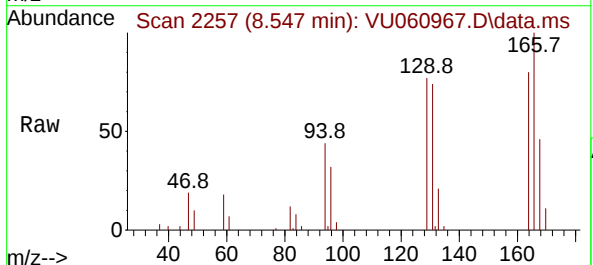
Instrument :
MSVOA_U
ClientSampleId :

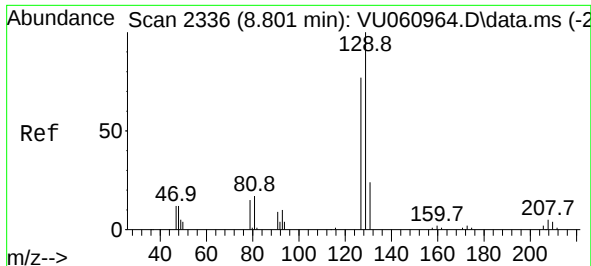
Tgt Ion: 63 Resp: 5797
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#



#47
Tetrachloroethene
Concen: 1.665 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060967.D
Acq: 23 Sep 2024 11:11

Tgt Ion:164 Resp: 11609
Ion Ratio Lower Upper
164 100
129 96.3 67.3 124.9
131 92.1 65.4 121.4
166 124.8 89.5 166.1





#49

Dibromochloromethane

Concen: 1.496 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU060967.D

Acq: 23 Sep 2024 11:11

Instrument :

MSVOA_U

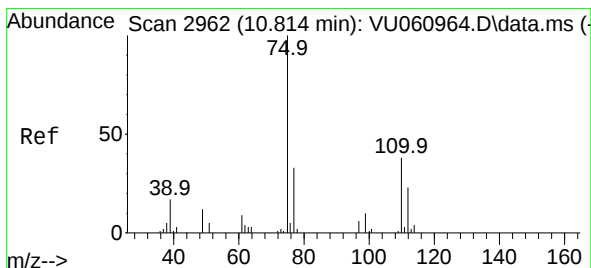
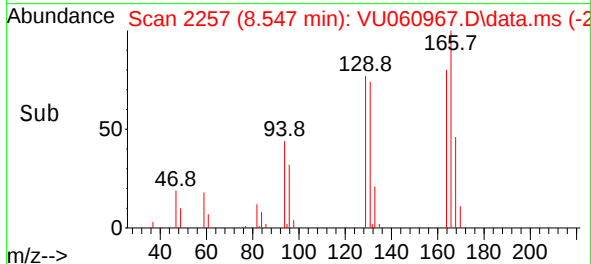
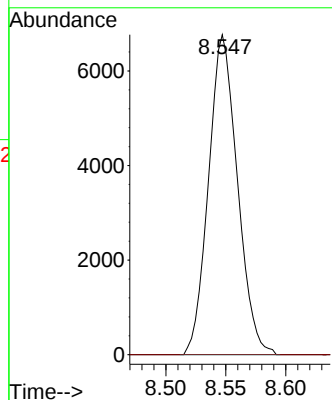
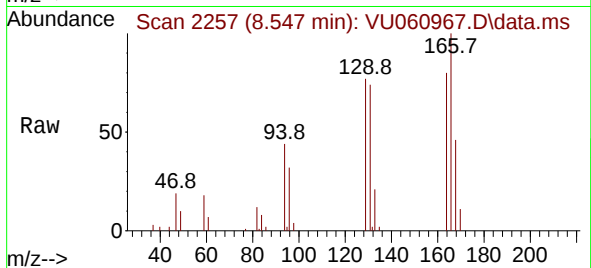
ClientSampleId :

Tgt Ion:129 Resp: 11337

Ion Ratio Lower Upper

129 100

127 0.0 56.1 104.1#



#61

1,2,3-Trichloropropane

Concen: 1.151 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.994 min

Lab File: VU060967.D

Acq: 23 Sep 2024 11:11

Tgt Ion: 75 Resp: 5060

Ion Ratio Lower Upper

75 100

110 1.4 28.6 43.0#

77 30.7 26.3 39.5

