

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092324\
 Data File : VU060969.D
 Acq On : 23 Sep 2024 11:59
 Operator : MD/SY
 Sample : P4092-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 06:08:25 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)

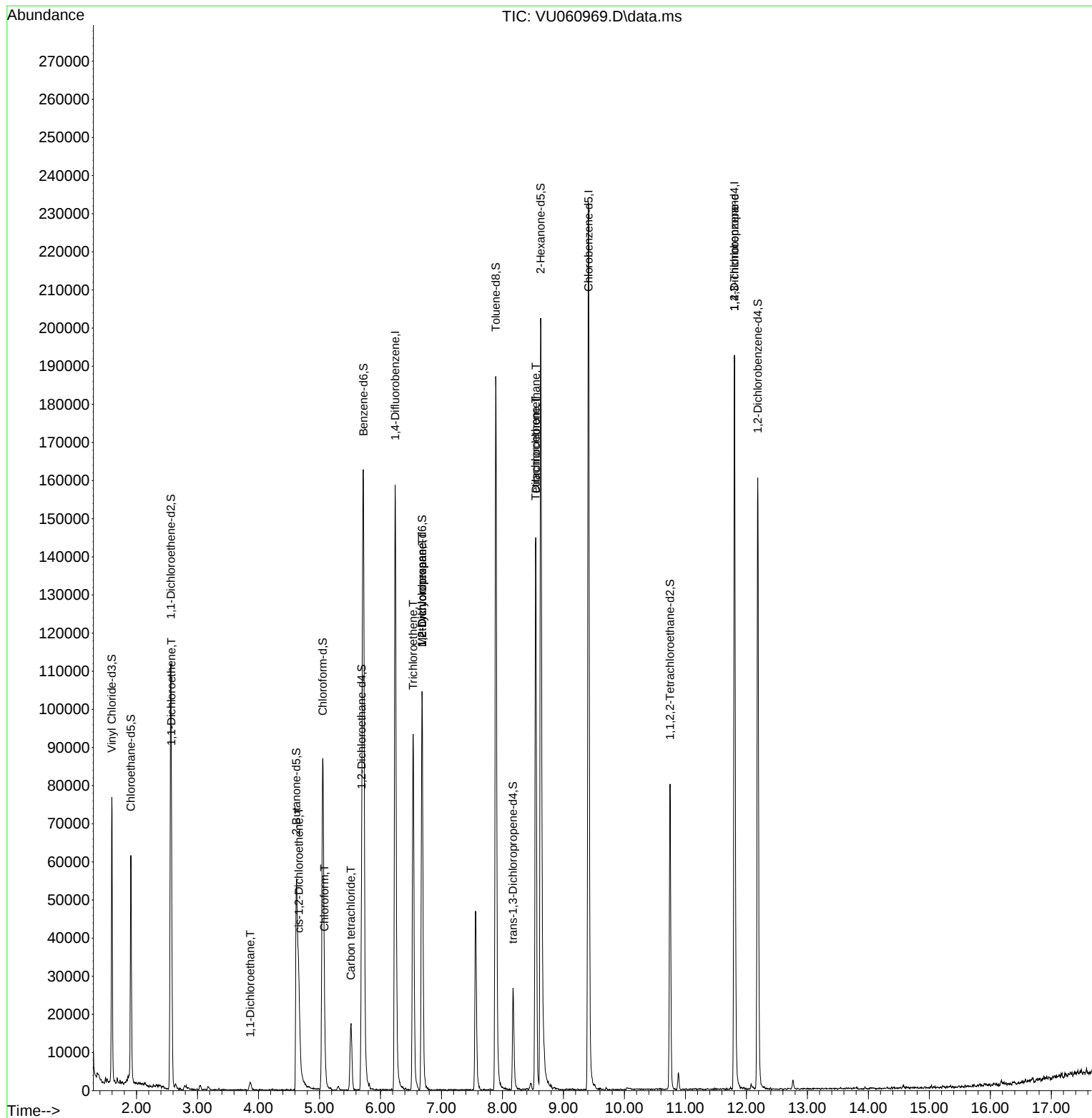
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	136665	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	145216	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	58461	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	52609	4.280	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.907	69	43115	4.926	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.563	65	19521	4.481	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	4.621	46	85681	43.419	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.840%
24) Chloroform-d	5.052	84	84852	4.515	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.692	65	42415	4.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.721	84	167736	4.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.682	67	54214	4.502	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.891	98	137861	3.885	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	8.174	79	17432	4.021	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.627	63	73266	42.847	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.700%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	41491	4.398	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	48135	4.900	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	7751	0.902	ug/L #	1
19) 1,1-Dichloroethane	3.865	63	3062	0.171	ug/L #	90
22) cis-1,2-Dichloroethene	4.663	96	9761	0.990	ug/L	88
25) Chloroform	5.081	83	9575	0.513	ug/L	94
31) Carbon tetrachloride	5.515	117	11911	0.858	ug/L	84
34) Trichloroethene	6.534	95	33865	3.235	ug/L	96
35) Methylcyclohexane	6.682	83	13104	0.912	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	5499	0.500	ug/L #	93
47) Tetrachloroethene	8.544	164	34936	4.200	ug/L	98
49) Dibromochloromethane	8.547	129	32627	3.608	ug/L #	9
61) 1,2,3-Trichloropropane	11.804	75	6368	1.168	ug/L #	70

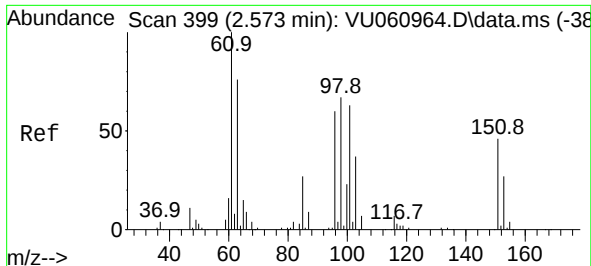
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.902 ug/L

RT: 2.573 min Scan# 30

Delta R.T. -0.000 min

Lab File: VU060969.D

Acq: 23 Sep 2024 11:59

Instrument :

MSVOA_U

ClientSampleId :

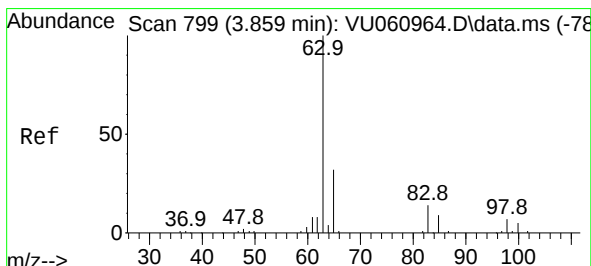
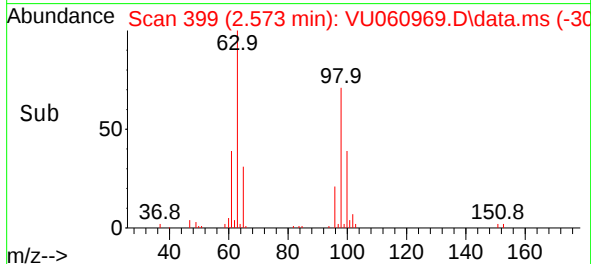
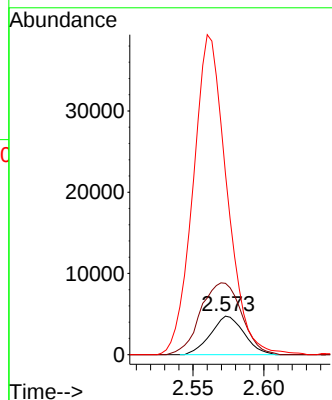
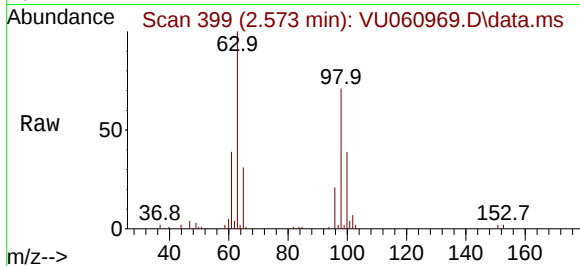
Tgt Ion: 96 Resp: 7751

Ion Ratio Lower Upper

96 100

61 184.9 120.7 224.1

63 468.6 90.0 167.2#



#19

1,1-Dichloroethane

Concen: 0.171 ug/L

RT: 3.865 min Scan# 801

Delta R.T. 0.006 min

Lab File: VU060969.D

Acq: 23 Sep 2024 11:59

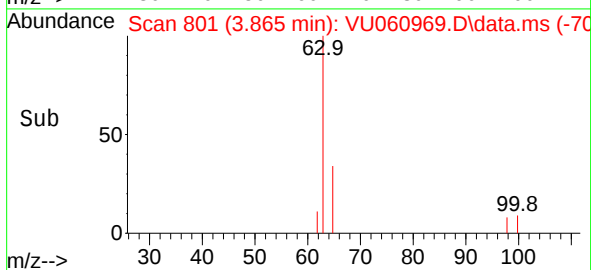
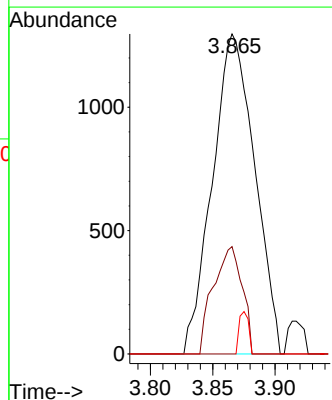
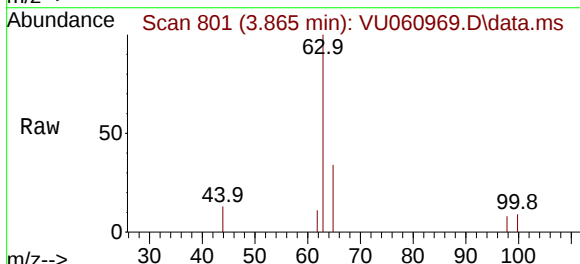
Tgt Ion: 63 Resp: 3062

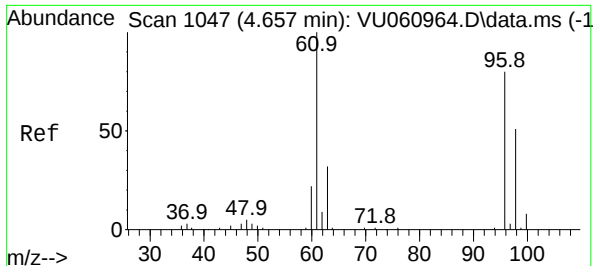
Ion Ratio Lower Upper

63 100

65 33.5 23.0 42.8

83 0.0 9.0 16.6#

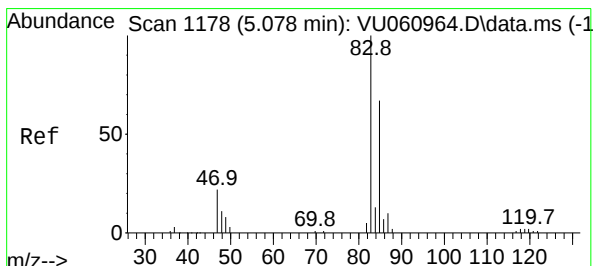
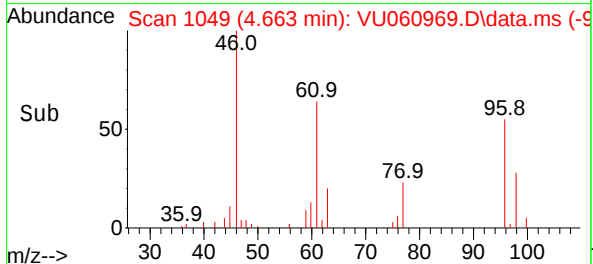
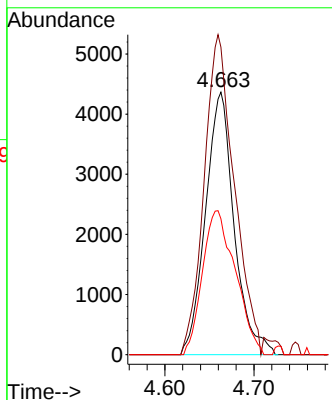
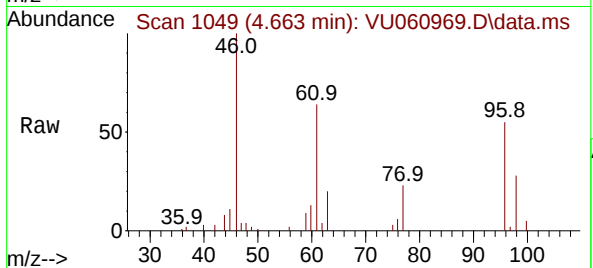




#22
 cis-1,2-Dichloroethene
 Concen: 0.990 ug/L
 RT: 4.663 min Scan# 1179
 Delta R.T. 0.006 min
 Lab File: VU060969.D
 Acq: 23 Sep 2024 11:59

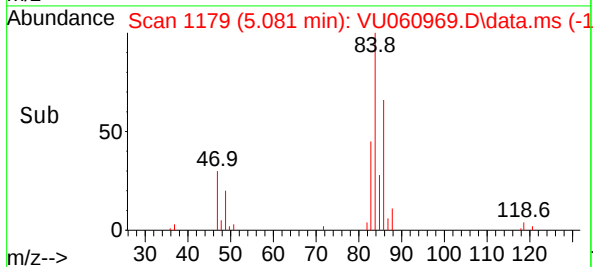
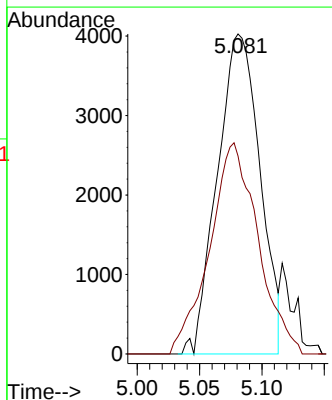
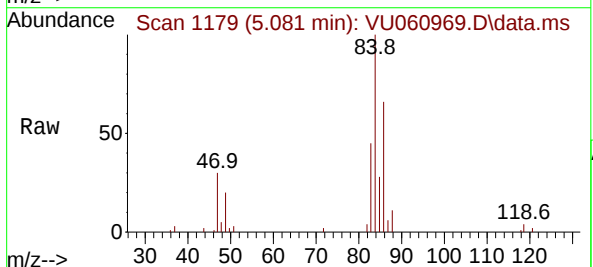
Instrument :
 MSVOA_U
 ClientSampleId :

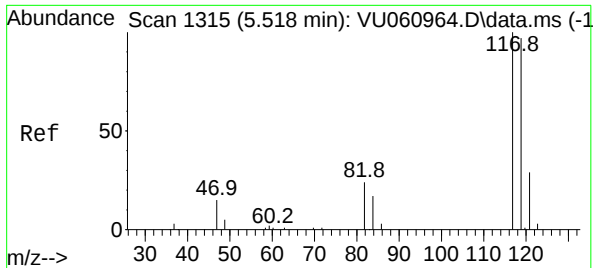
Tgt Ion: 96 Resp: 9761
 Ion Ratio Lower Upper
 96 100
 61 117.1 89.7 166.5
 98 51.7 45.1 83.9



#25
 Chloroform
 Concen: 0.513 ug/L
 RT: 5.081 min Scan# 1179
 Delta R.T. 0.003 min
 Lab File: VU060969.D
 Acq: 23 Sep 2024 11:59

Tgt Ion: 83 Resp: 9575
 Ion Ratio Lower Upper
 83 100
 85 61.9 46.8 86.8

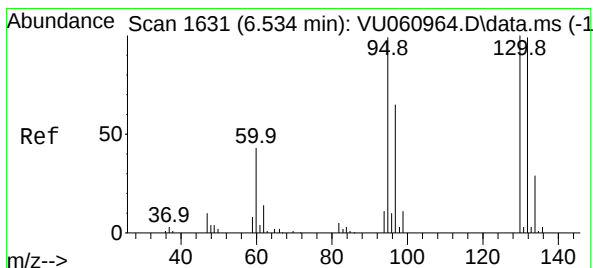
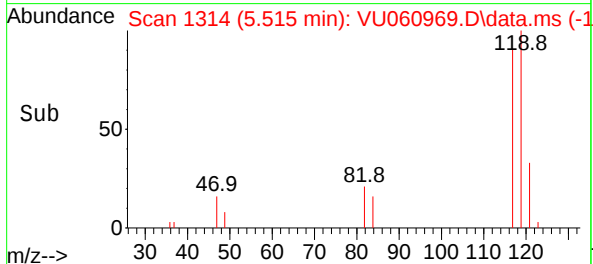
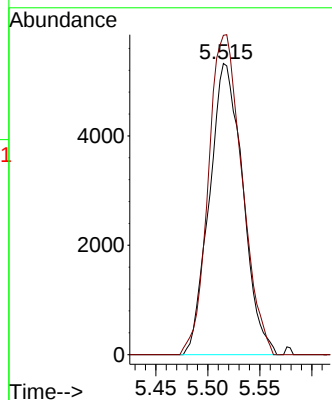
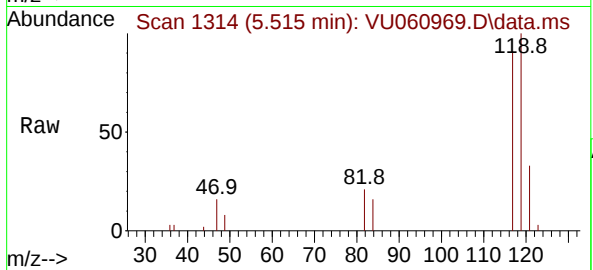




#31
Carbon tetrachloride
Concen: 0.858 ug/L
RT: 5.515 min Scan# 11911
Delta R.T. -0.003 min
Lab File: VU060969.D
Acq: 23 Sep 2024 11:59

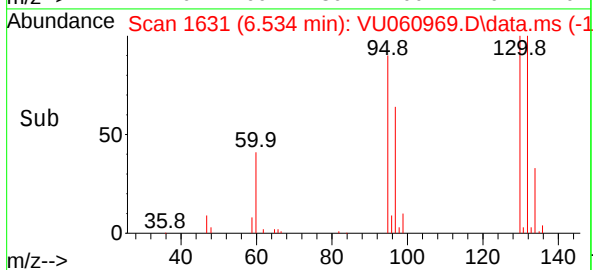
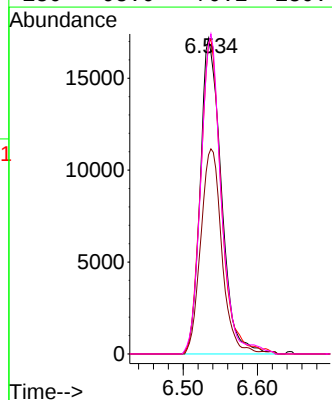
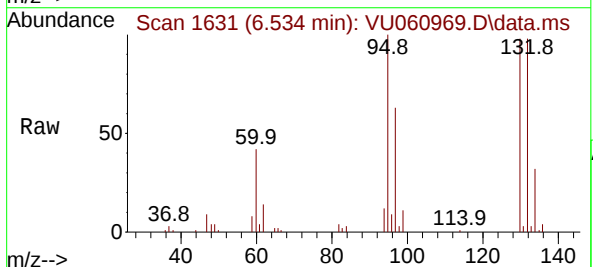
Instrument :
MSVOA_U
ClientSampleId :

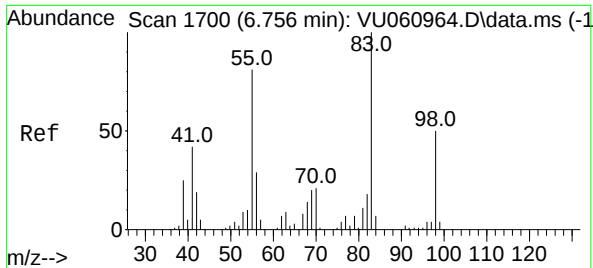
Tgt Ion:117 Resp: 11911
Ion Ratio Lower Upper
117 100
119 110.8 76.3 114.5



#34
Trichloroethene
Concen: 3.235 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU060969.D
Acq: 23 Sep 2024 11:59

Tgt Ion: 95 Resp: 33865
Ion Ratio Lower Upper
95 100
97 63.0 44.9 83.5
132 98.3 63.5 117.9
130 98.0 70.2 130.4

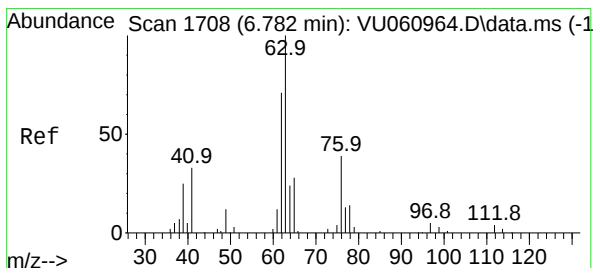
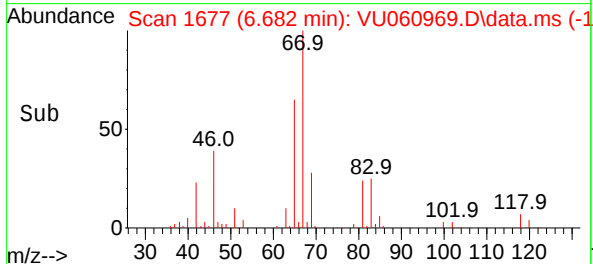
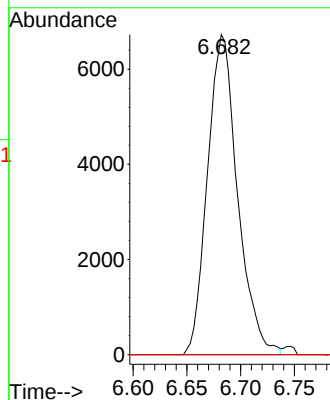
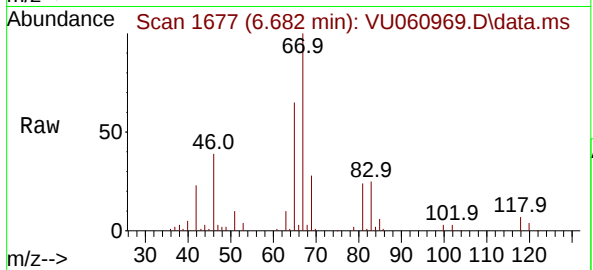




#35
Methylcyclohexane
Concen: 0.912 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU060969.D
Acq: 23 Sep 2024 11:59

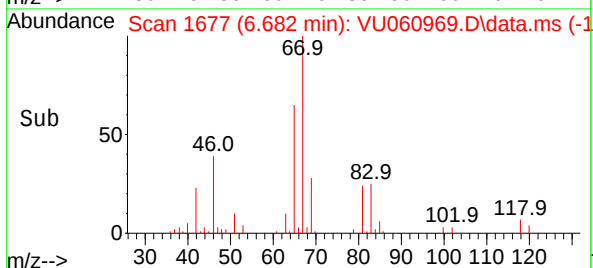
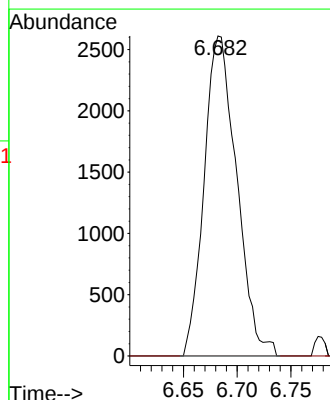
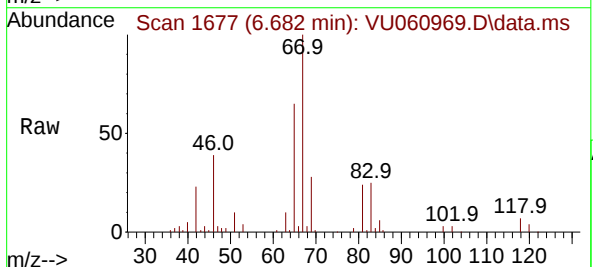
Instrument :
MSVOA_U
ClientSampleId :

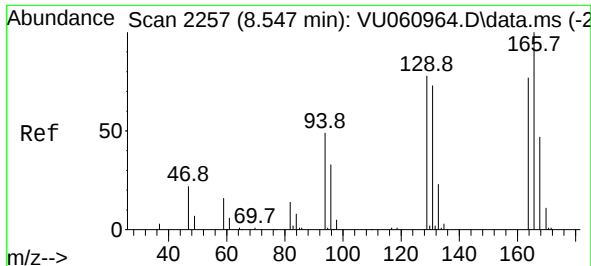
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	0.0	37.6	56.4#



#37
1,2-Dichloropropane
Concen: 0.500 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU060969.D
Acq: 23 Sep 2024 11:59

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





#47

Tetrachloroethene

Concen: 4.200 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU060969.D

Acq: 23 Sep 2024 11:59

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 34936

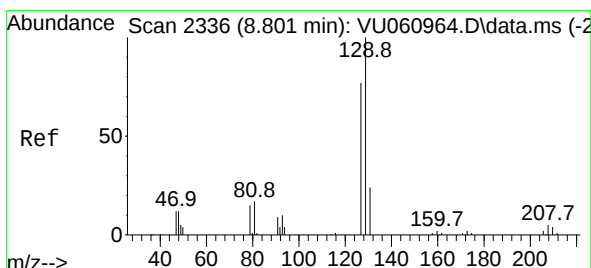
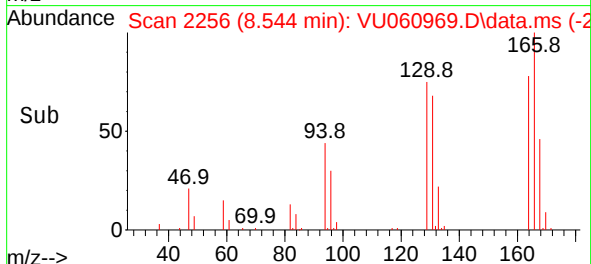
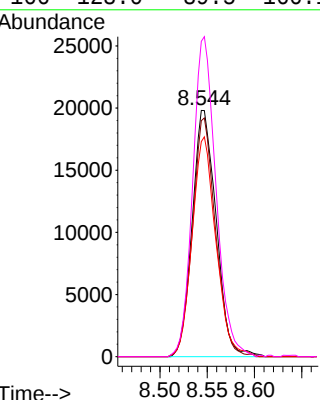
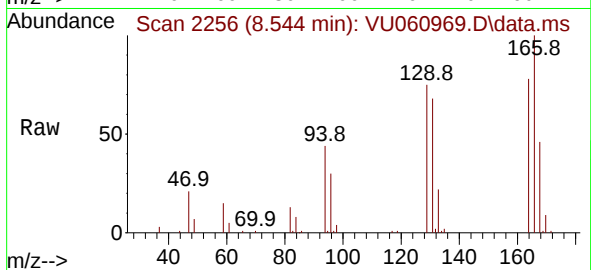
Ion Ratio Lower Upper

164 100

129 95.8 67.3 124.9

131 87.3 65.4 121.4

166 128.0 89.5 166.1



#49

Dibromochloromethane

Concen: 3.608 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU060969.D

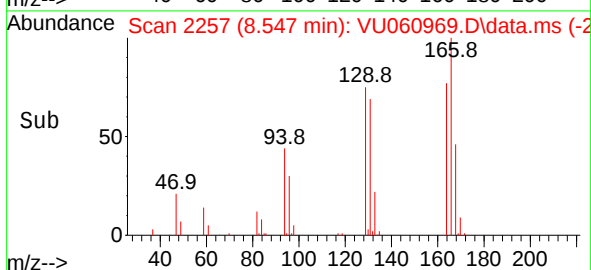
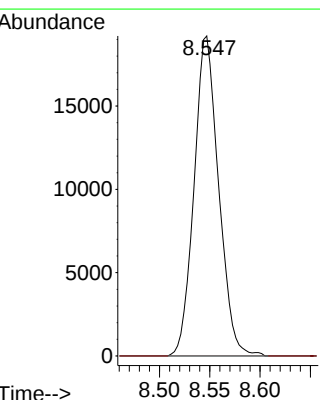
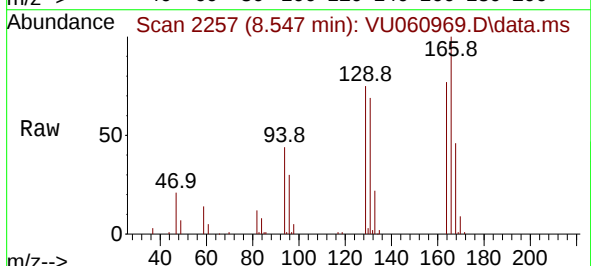
Acq: 23 Sep 2024 11:59

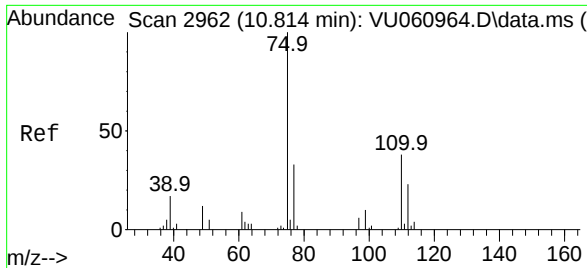
Tgt Ion:129 Resp: 32627

Ion Ratio Lower Upper

129 100

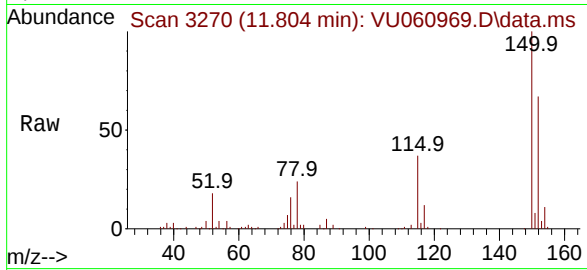
127 0.0 56.1 104.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.168 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU060969.D
 Acq: 23 Sep 2024 11:59

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 6368
 Ion Ratio Lower Upper
 75 100
 110 2.2 28.6 43.0#
 77 32.9 26.3 39.5

