

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092324\
 Data File : VU060971.D
 Acq On : 23 Sep 2024 12:47
 Operator : MD/SY
 Sample : P4092-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 06:08:56 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)

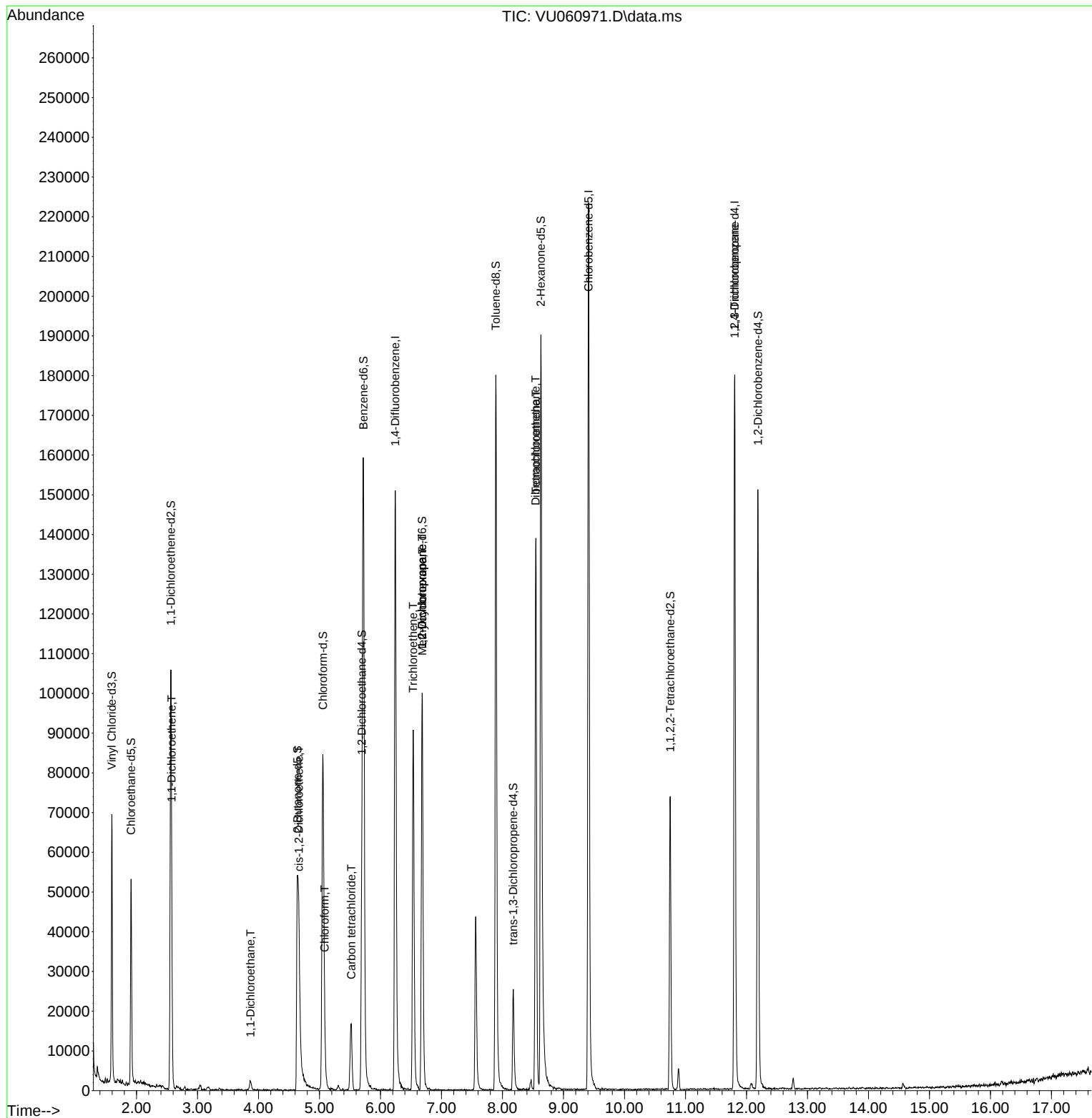
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	131078	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	140594	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	54025	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	46975	3.984	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.600%
7) Chloroethane-d5	1.911	69	38798	4.622	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.563	65	18642	4.461	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	4.637	46	86305	45.600	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.200%
24) Chloroform-d	5.055	84	82331	4.568	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.695	65	39485	4.583	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.721	84	156772	4.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.682	67	51735	4.437	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.891	98	128597	3.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	8.177	79	17422	4.151	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.627	63	69270	41.842	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.680%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	39957	4.374	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	44725	4.927	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	7292	0.884	ug/L #	13
19) 1,1-Dichloroethane	3.869	63	2931	0.171	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	9716	1.028	ug/L	93
25) Chloroform	5.084	83	8914	0.498	ug/L	96
31) Carbon tetrachloride	5.521	117	12425	0.925	ug/L	96
34) Trichloroethene	6.534	95	32940	3.250	ug/L	98
35) Methylcyclohexane	6.685	83	12279	0.883	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	5003	0.470	ug/L #	96
47) Tetrachloroethene	8.547	164	32971	4.094	ug/L	97
49) Dibromochloromethane	8.544	129	31456	3.593	ug/L #	9
61) 1,2,3-Trichloropropane	11.804	75	5990	1.189	ug/L #	65

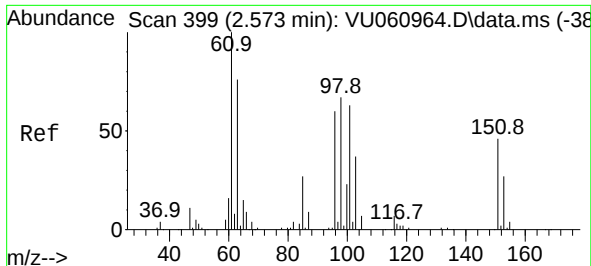
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092324\
Data File : VU060971.D
Acq On : 23 Sep 2024 12:47
Operator : MD/SY
Sample : P4092-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 24 06:08:56 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





#12

1,1-Dichloroethene

Concen: 0.884 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU060971.D

Acq: 23 Sep 2024 12:47

Instrument :

MSVOA_U

ClientSampleId :

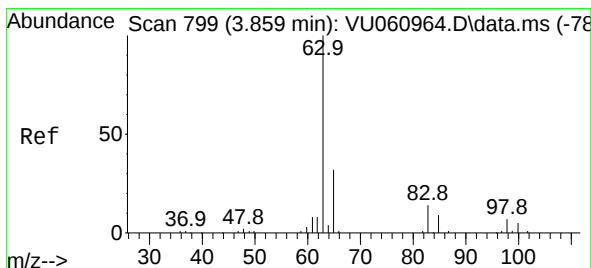
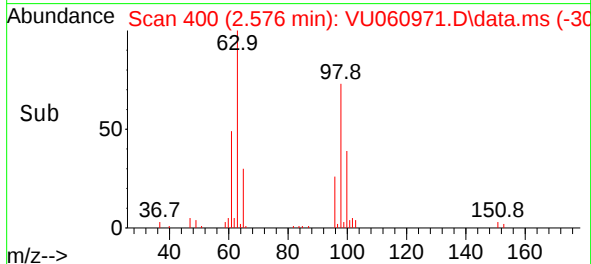
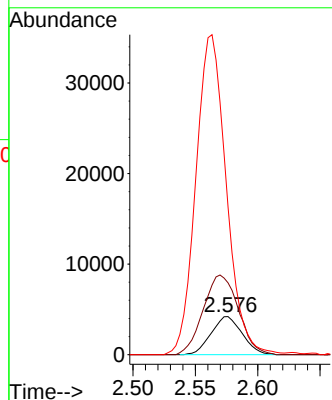
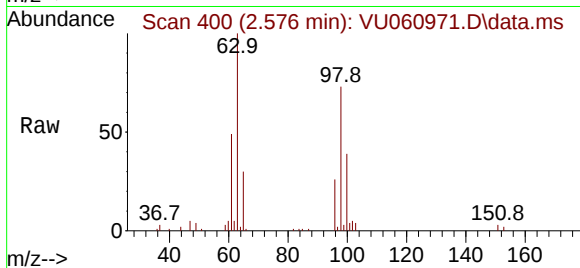
Tgt Ion: 96 Resp: 7292

Ion Ratio Lower Upper

96 100

61 175.2 120.7 224.1

63 360.2 90.0 167.2#



#19

1,1-Dichloroethane

Concen: 0.171 ug/L

RT: 3.869 min Scan# 802

Delta R.T. 0.010 min

Lab File: VU060971.D

Acq: 23 Sep 2024 12:47

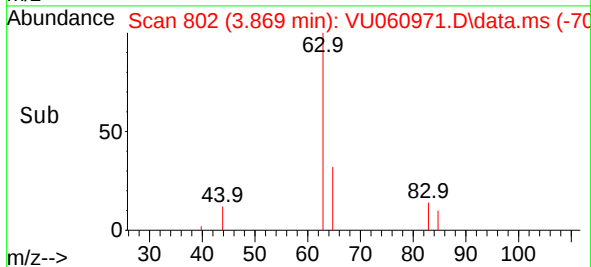
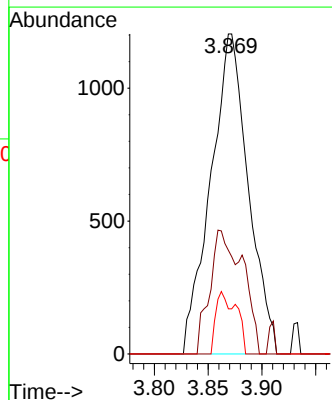
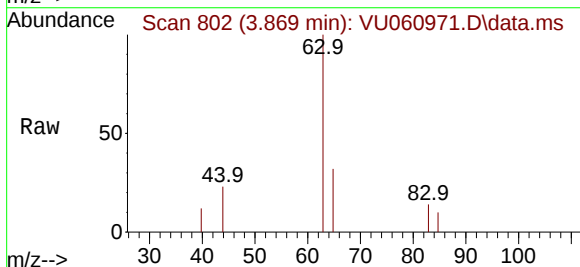
Tgt Ion: 63 Resp: 2931

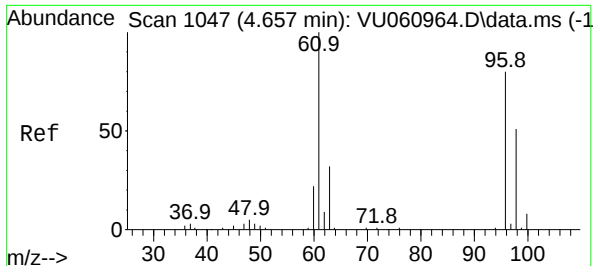
Ion Ratio Lower Upper

63 100

65 32.4 23.0 42.8

83 14.1 9.0 16.6





#22

cis-1,2-Dichloroethene

Concen: 1.028 ug/L

RT: 4.663 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU060971.D

Acq: 23 Sep 2024 12:47

Instrument :

MSVOA_U

ClientSampleId :

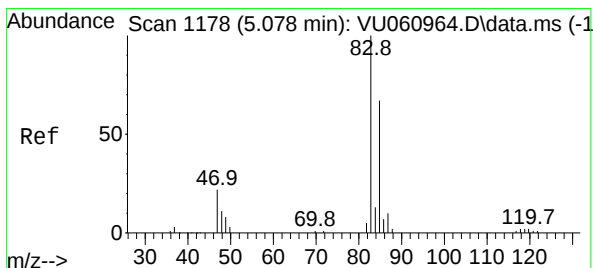
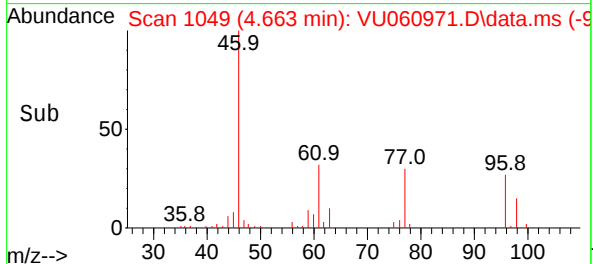
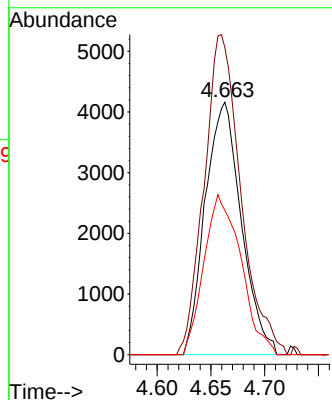
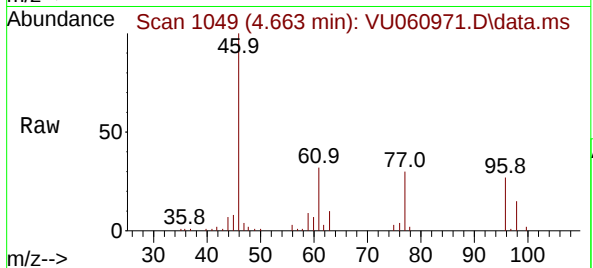
Tgt Ion: 96 Resp: 9716

Ion Ratio Lower Upper

96 100

61 121.7 89.7 166.5

98 57.2 45.1 83.9



#25

Chloroform

Concen: 0.498 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VU060971.D

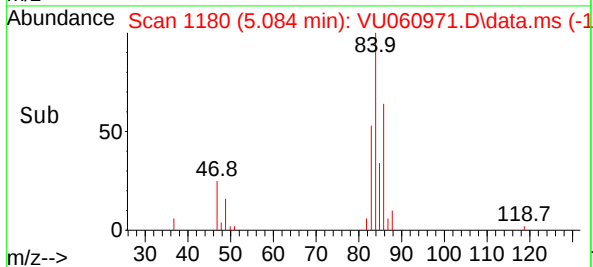
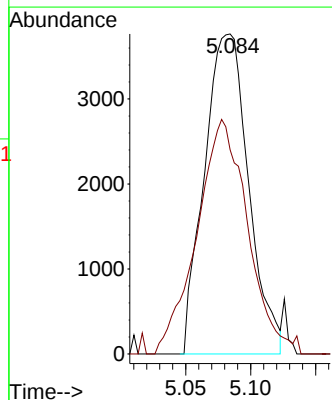
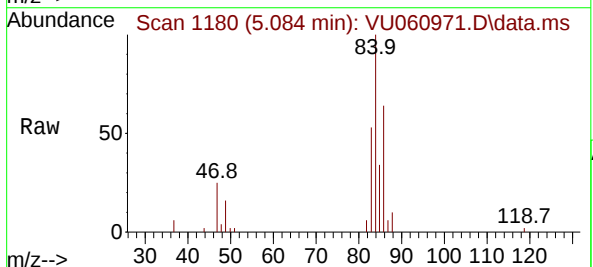
Acq: 23 Sep 2024 12:47

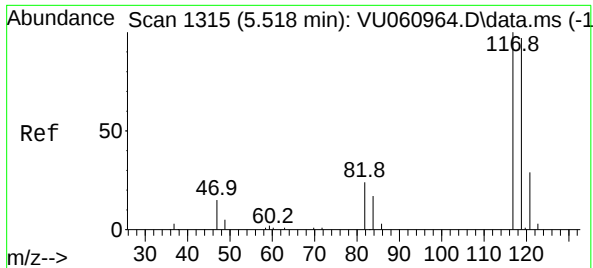
Tgt Ion: 83 Resp: 8914

Ion Ratio Lower Upper

83 100

85 63.8 46.8 86.8

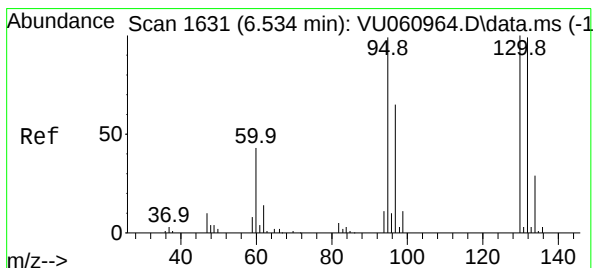
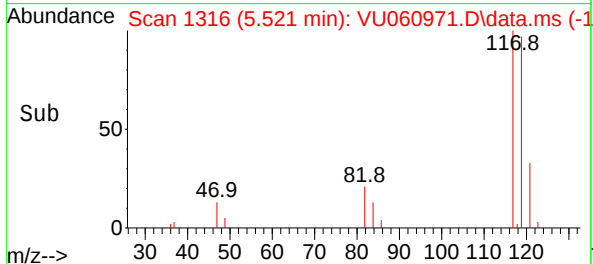
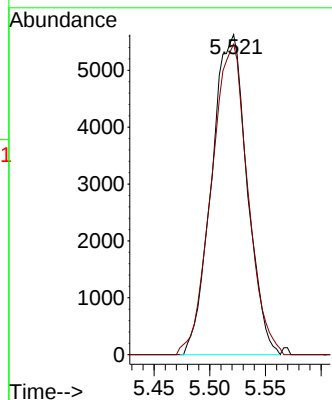
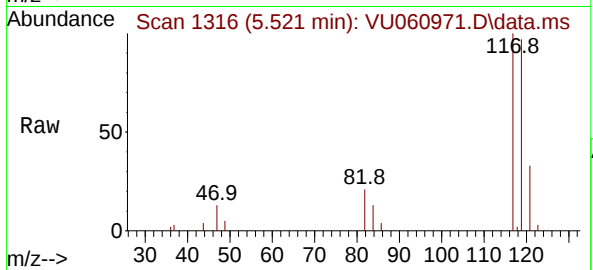




#31
Carbon tetrachloride
Concen: 0.925 ug/L
RT: 5.521 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU060971.D
Acq: 23 Sep 2024 12:47

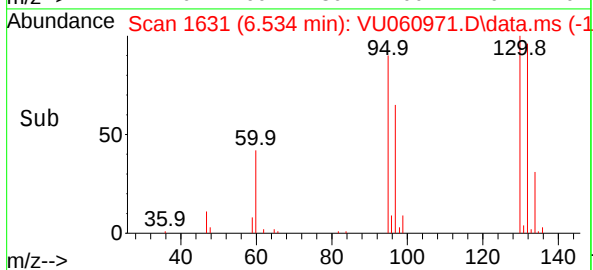
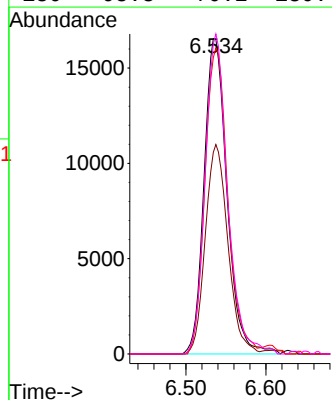
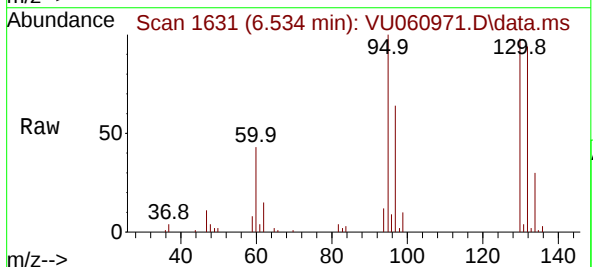
Instrument :
MSVOA_U
ClientSampleId :

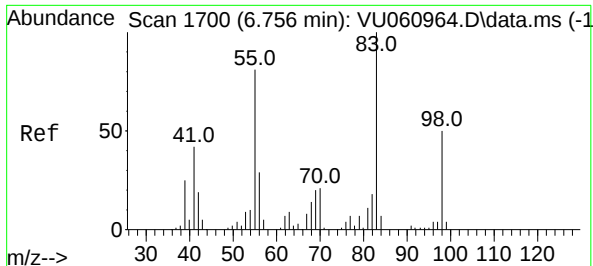
Tgt Ion:117 Resp: 12425
Ion Ratio Lower Upper
117 100
119 99.2 76.3 114.5



#34
Trichloroethene
Concen: 3.250 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU060971.D
Acq: 23 Sep 2024 12:47

Tgt Ion: 95 Resp: 32940
Ion Ratio Lower Upper
95 100
97 63.9 44.9 83.5
132 93.9 63.5 117.9
130 98.3 70.2 130.4





#35

Methylcyclohexane

Concen: 0.883 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU060971.D

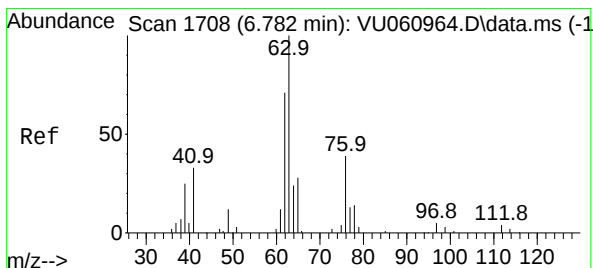
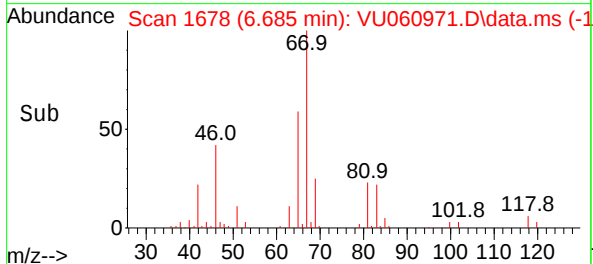
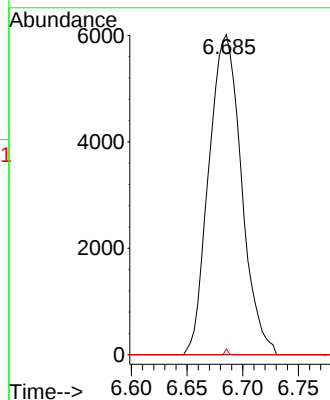
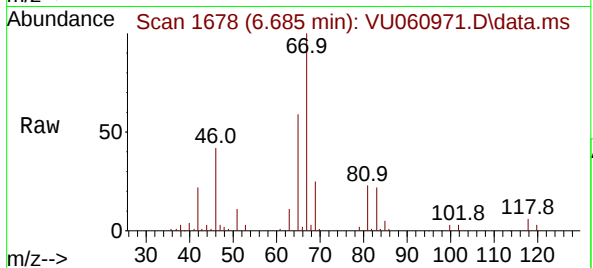
Acq: 23 Sep 2024 12:47

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 12279
Ion Ratio	Lower Upper
83	100
55	0.0 62.6 94.0#
98	0.9 37.6 56.4#



#37

1,2-Dichloropropane

Concen: 0.470 ug/L

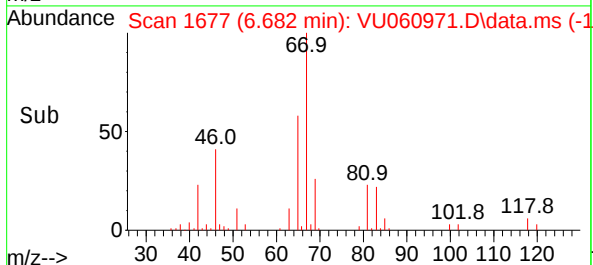
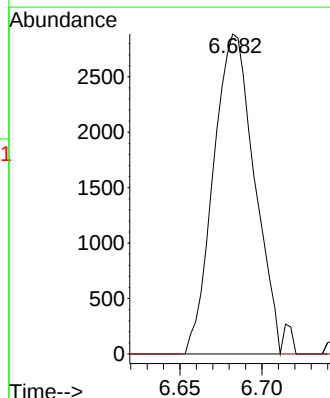
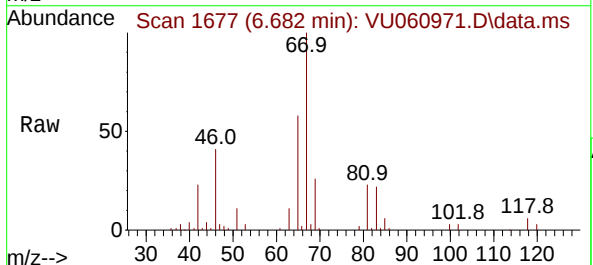
RT: 6.682 min Scan# 1677

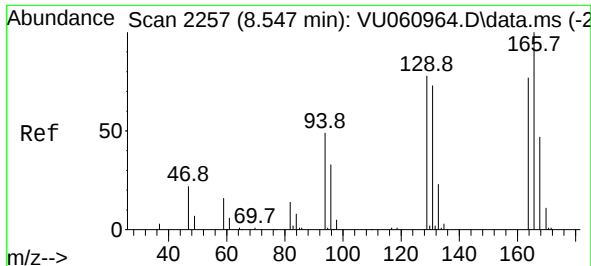
Delta R.T. -0.100 min

Lab File: VU060971.D

Acq: 23 Sep 2024 12:47

Tgt Ion: 63	Resp: 5003
Ion Ratio	Lower Upper
63	100
112	1.2 2.0 3.0#





#47

Tetrachloroethene

Concen: 4.094 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

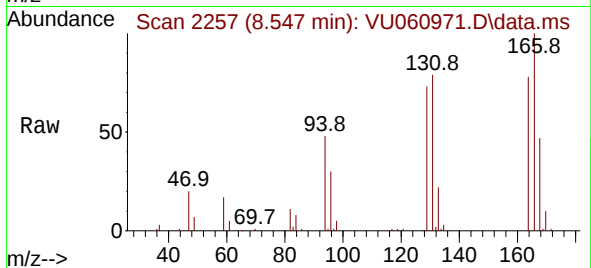
Lab File: VU060971.D

Acq: 23 Sep 2024 12:47

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 32971

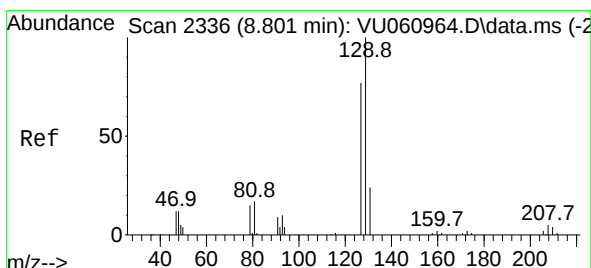
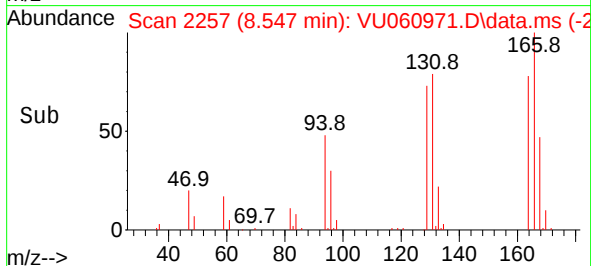
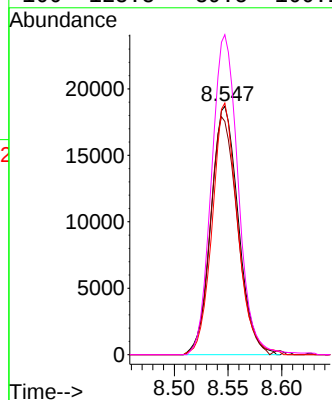
Ion Ratio Lower Upper

164 100

129 93.9 67.3 124.9

131 101.3 65.4 121.4

166 128.8 89.5 166.1



#49

Dibromochloromethane

Concen: 3.593 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.257 min

Lab File: VU060971.D

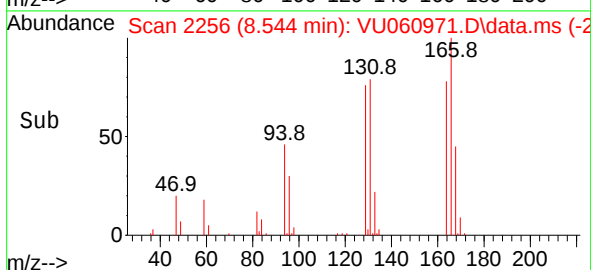
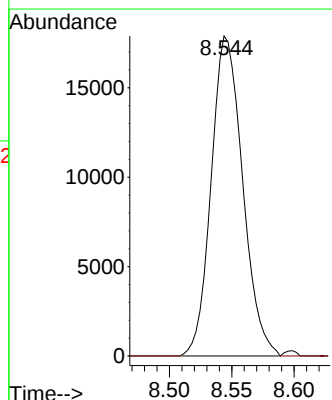
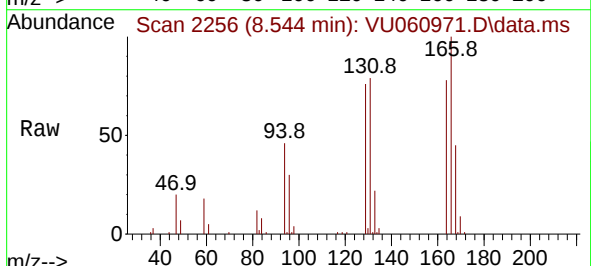
Acq: 23 Sep 2024 12:47

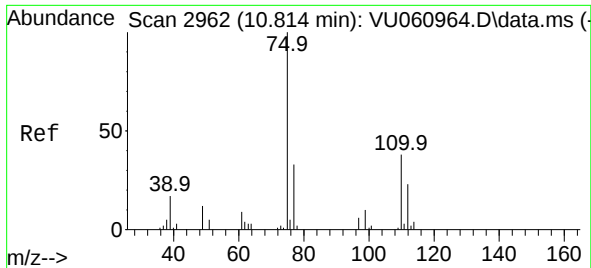
Tgt Ion:129 Resp: 31456

Ion Ratio Lower Upper

129 100

127 0.0 56.1 104.1#





#61

1,2,3-Trichloropropane

Concen: 1.189 ug/L

RT: 11.804 min Scan# 31

Delta R.T. 0.990 min

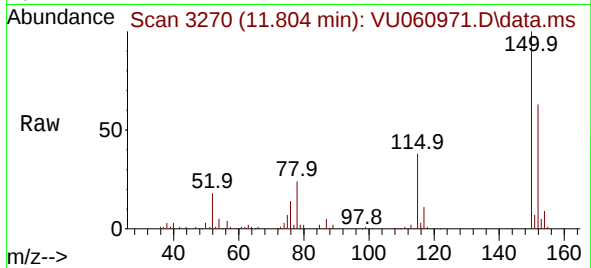
Lab File: VU060971.D

Acq: 23 Sep 2024 12:47

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	75	Resp:	5990
Ion	Ratio	Lower	Upper
75	100		
110	0.0	28.6	43.0#
77	29.7	26.3	39.5

