

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
 Data File : VU060800.D
 Acq On : 16 Sep 2024 23:28
 Operator : MD/SY
 Sample : P3967-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

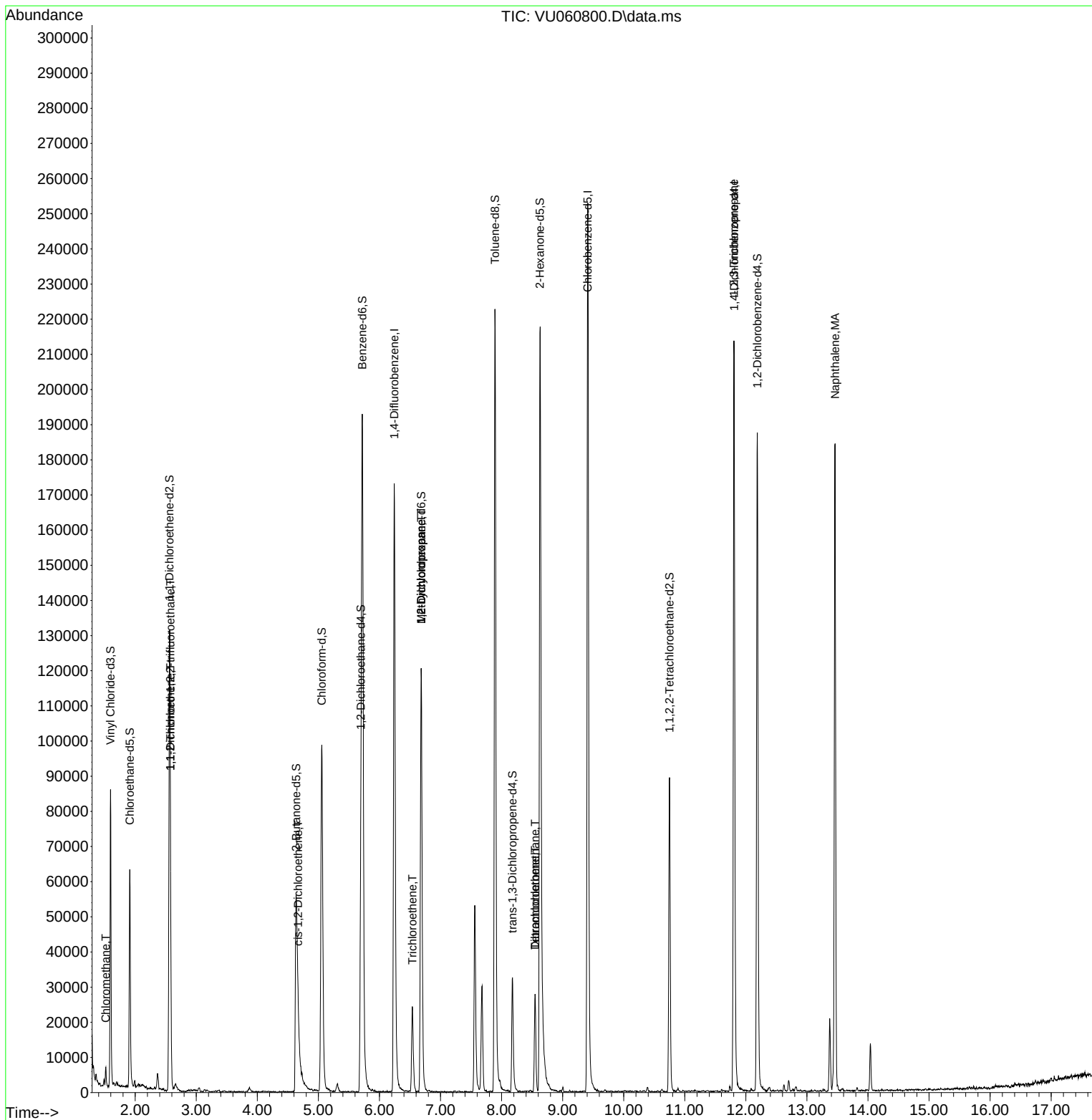
Quant Time: Sep 17 01:59:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 17 01:47:23 2024
 Response via : Initial Calibration

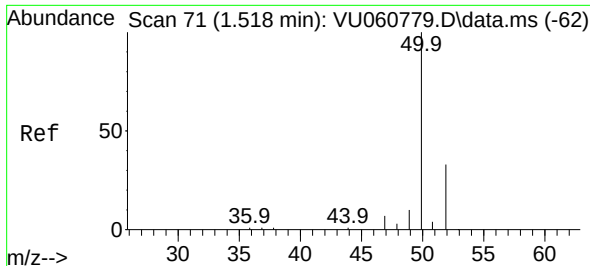
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	151402	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	161902	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	63993	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	58599	4.303	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.911	69	47057	4.853	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.560	65	22908	4.746	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	4.634	46	97438	44.571	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.140%
24) Chloroform-d	5.052	84	98492	4.731	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.695	65	47201	4.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.718	84	191543	4.414	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.682	67	63687	4.744	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.891	98	167201	4.226	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.177	79	20872	4.319	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.628	63	80017	41.972	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.940%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	48620	4.622	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	55569	5.168	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
3) Chloromethane	1.519	50	3870	0.321	ug/L	85
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	4125	0.396	ug/L #	64
12) 1,1-Dichloroethene	2.576	96	7797	0.819	ug/L #	2
22) cis-1,2-Dichloroethene	4.666	96	2723	0.249	ug/L	98
34) Trichloroethene	6.541	95	8909	0.763	ug/L	96
35) Methylcyclohexane	6.682	83	14599	0.912	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	6453	0.526	ug/L #	93
47) Tetrachloroethene	8.547	164	6473	0.698	ug/L	96
49) Dibromochloromethane	8.547	129	6214	0.616	ug/L #	9
61) 1,2,3-Trichloropropane	11.804	75	7358	1.233	ug/L #	66
71) Naphthalene	13.460	128	3478	0.262	ug/L #	1

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

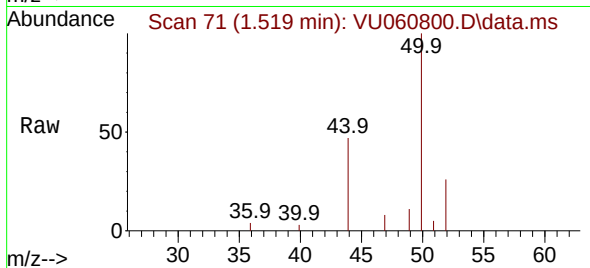
Quant Time: Sep 17 01:59:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Sep 17 01:47:23 2024
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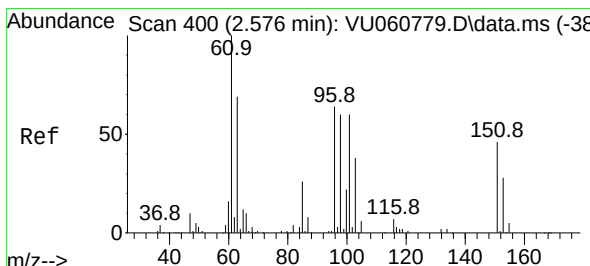
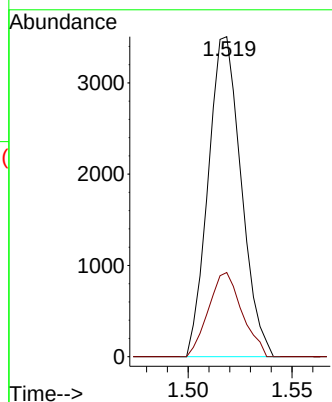
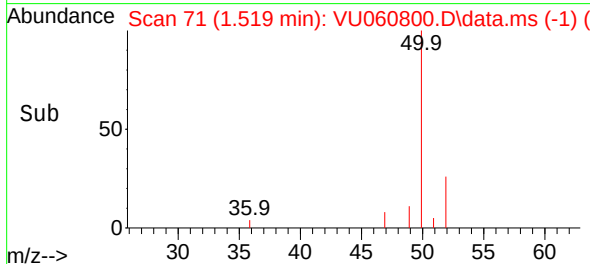


#3
Chloromethane
Concen: 0.321 ug/L
RT: 1.519 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU060800.D
Acq: 16 Sep 2024 23:28

Instrument :
MSVOA_U
ClientSampleId :

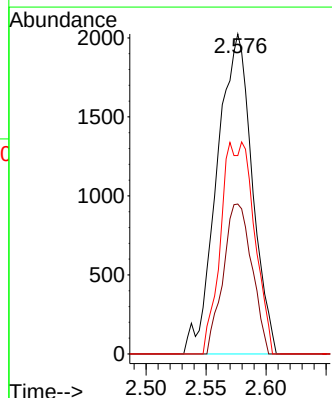
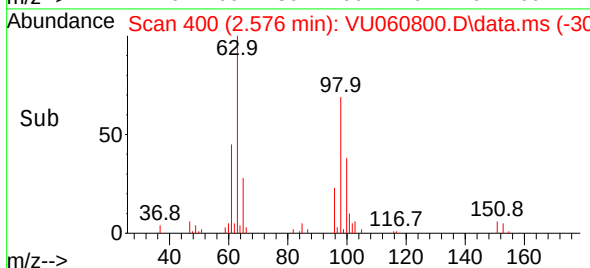
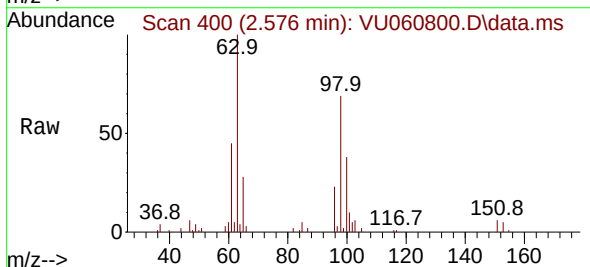


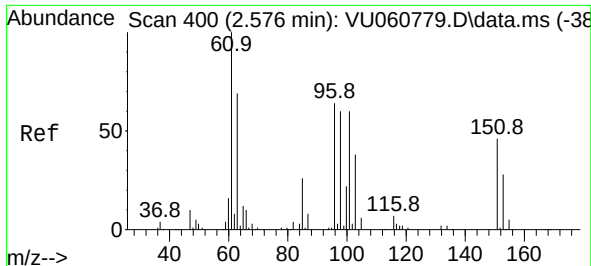
Tgt Ion: 50 Resp: 3870
Ion Ratio Lower Upper
50 100
52 26.3 24.4 45.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.396 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU060800.D
Acq: 16 Sep 2024 23:28

Tgt Ion: 101 Resp: 4125
Ion Ratio Lower Upper
101 100
85 38.2 34.2 51.4
151 28.3 58.6 88.0#





#12

1,1-Dichloroethene

Concen: 0.819 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU060800.D

Acq: 16 Sep 2024 23:28

Instrument :

MSVOA_U

ClientSampleId :

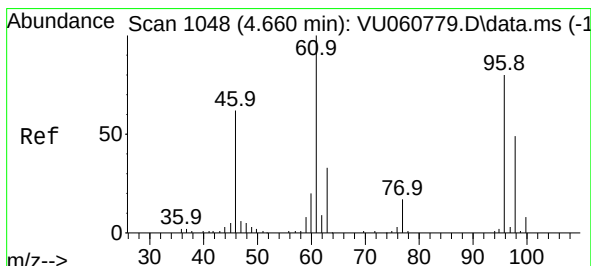
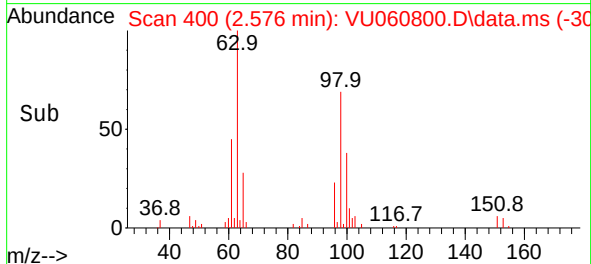
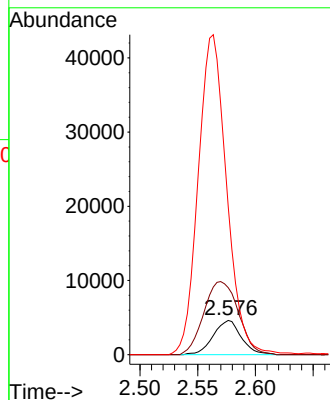
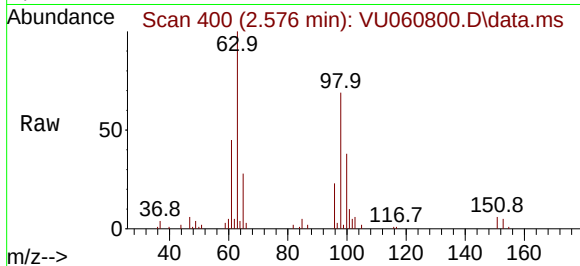
Tgt Ion: 96 Resp: 7797

Ion Ratio Lower Upper

96 100

61 176.6 120.7 224.1

63 390.6 90.0 167.2#



#22

cis-1,2-Dichloroethene

Concen: 0.249 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.007 min

Lab File: VU060800.D

Acq: 16 Sep 2024 23:28

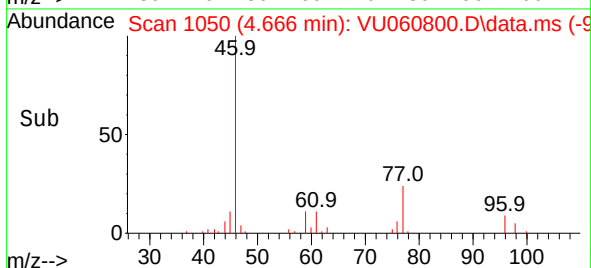
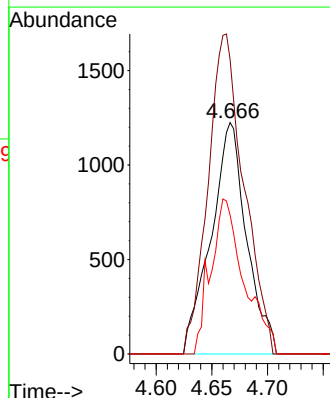
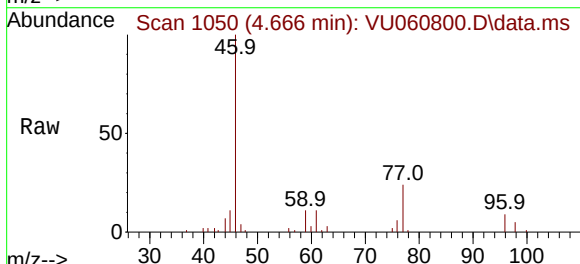
Tgt Ion: 96 Resp: 2723

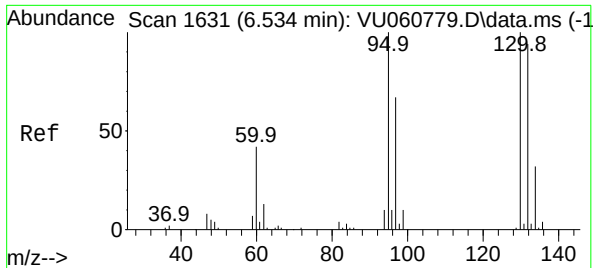
Ion Ratio Lower Upper

96 100

61 127.2 89.7 166.5

98 60.0 45.1 83.9

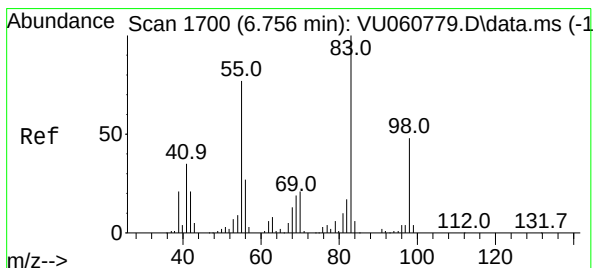
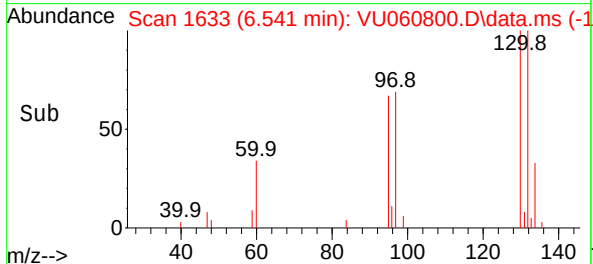
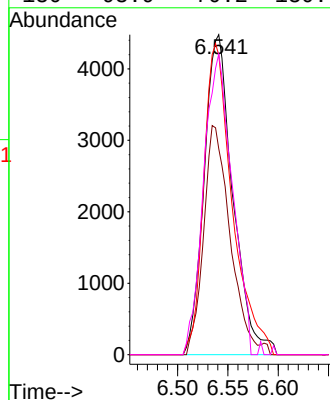
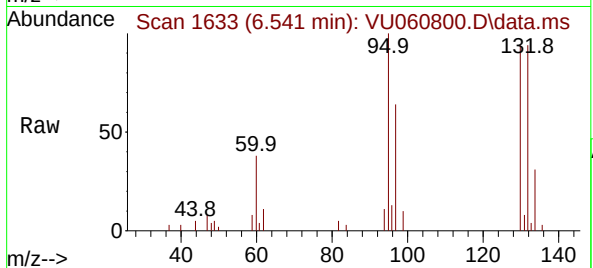




#34
Trichloroethene
Concen: 0.763 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.007 min
Lab File: VU060800.D
Acq: 16 Sep 2024 23:28

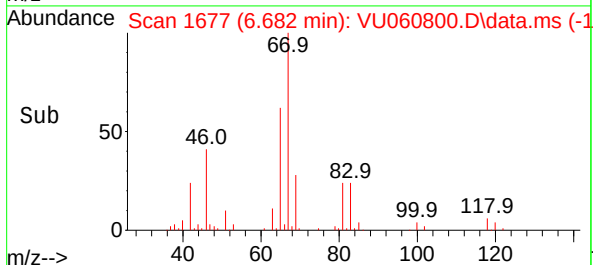
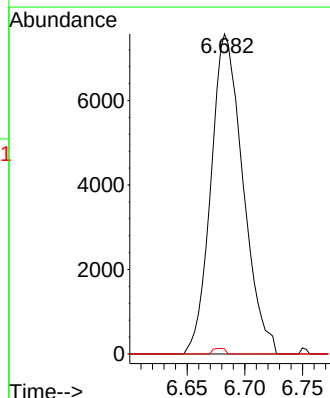
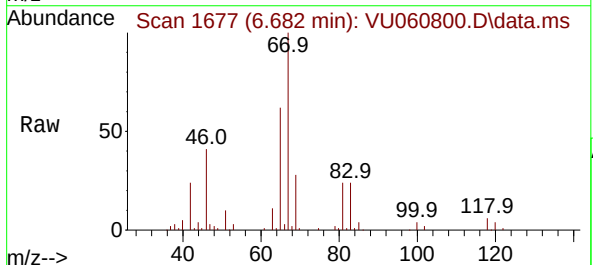
Instrument :
MSVOA_U
ClientSampleId :

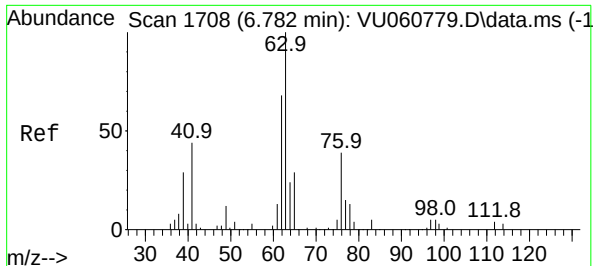
Tgt Ion: 95	Resp: 8909
Ion Ratio	Lower Upper
95	100
97	64.4 44.9 83.5
132	93.6 63.5 117.9
130	93.9 70.2 130.4



#35
Methylcyclohexane
Concen: 0.912 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU060800.D
Acq: 16 Sep 2024 23:28

Tgt Ion: 83	Resp: 14599
Ion Ratio	Lower Upper
83	100
55	0.0 62.6 94.0#
98	0.7 37.6 56.4#

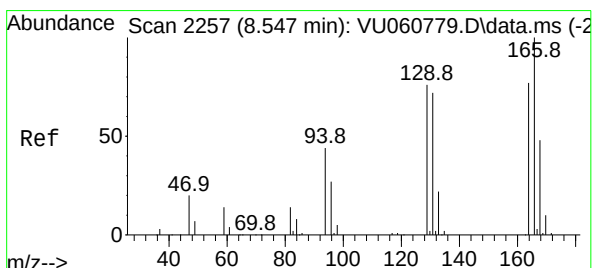
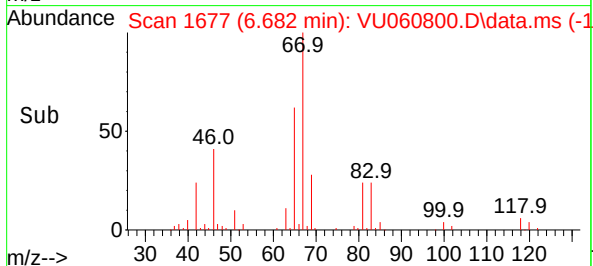
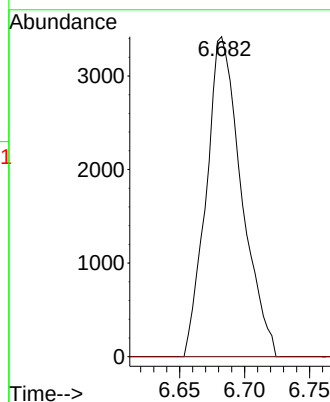
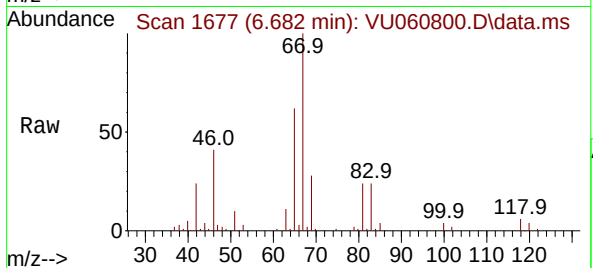




#37
1,2-Dichloropropane
Concen: 0.526 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU060800.D
Acq: 16 Sep 2024 23:28

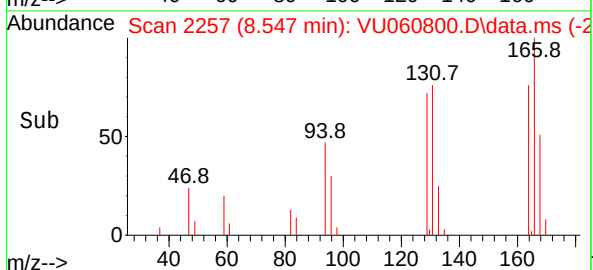
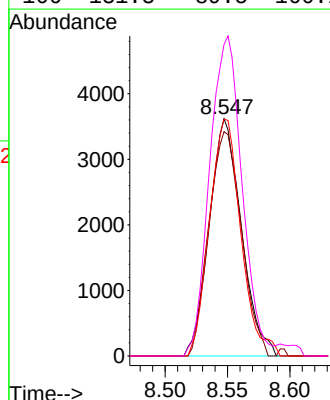
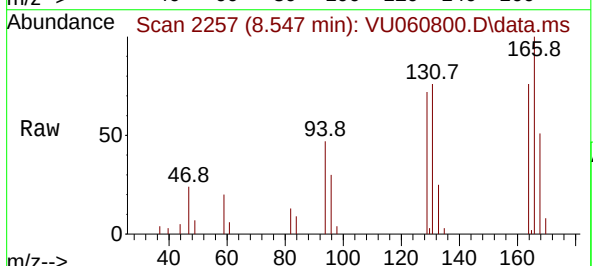
Instrument :
MSVOA_U
ClientSampleId :

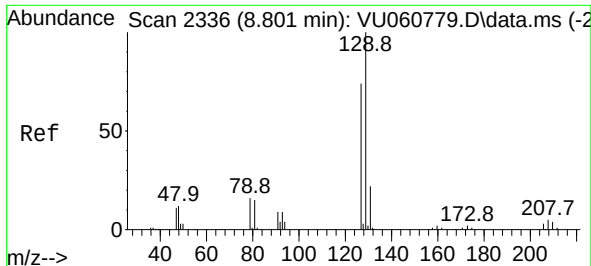
Tgt Ion: 63 Resp: 6453
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#



#47
Tetrachloroethene
Concen: 0.698 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060800.D
Acq: 16 Sep 2024 23:28

Tgt Ion:164 Resp: 6473
Ion Ratio Lower Upper
164 100
129 94.6 67.3 124.9
131 99.8 65.4 121.4
166 131.3 89.5 166.1





#49

Dibromochloromethane

Concen: 0.616 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU060800.D

Acq: 16 Sep 2024 23:28

Instrument :

MSVOA_U

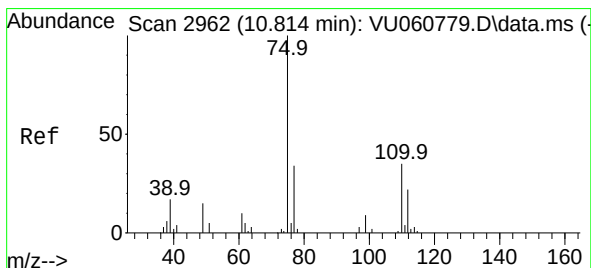
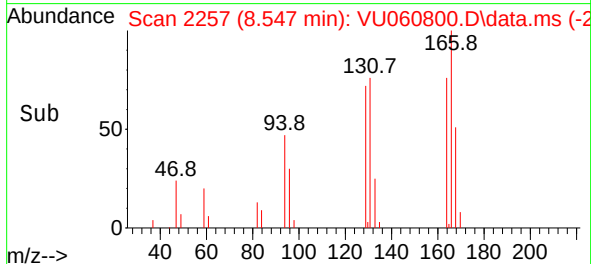
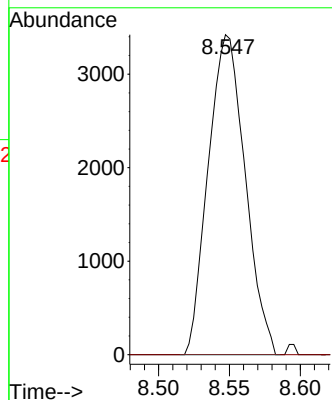
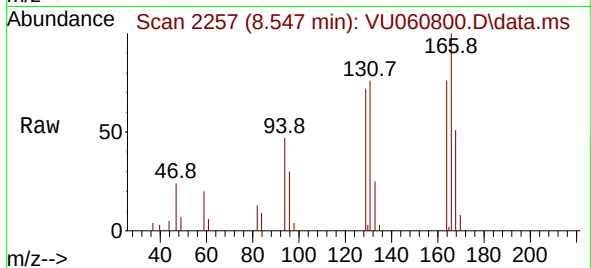
ClientSampleId :

Tgt Ion:129 Resp: 6214

Ion Ratio Lower Upper

129 100

127 0.0 56.1 104.1#



#61

1,2,3-Trichloropropane

Concen: 1.233 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.991 min

Lab File: VU060800.D

Acq: 16 Sep 2024 23:28

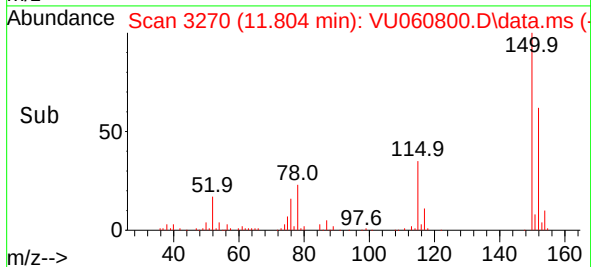
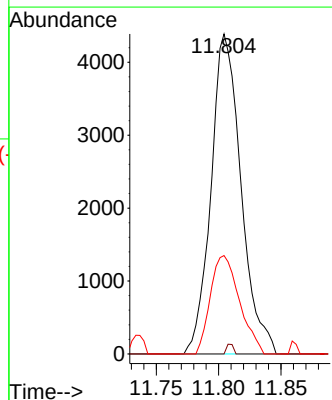
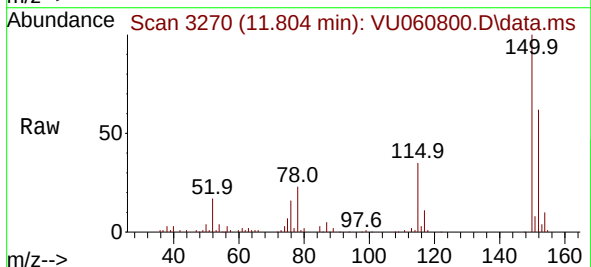
Tgt Ion: 75 Resp: 7358

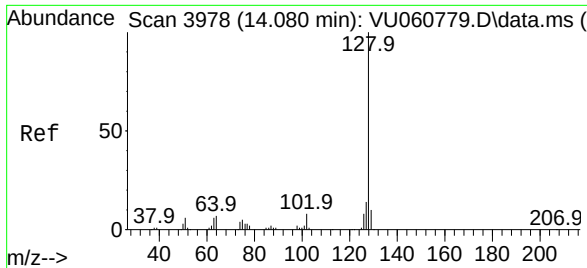
Ion Ratio Lower Upper

75 100

110 0.7 28.6 43.0#

77 29.9 26.3 39.5





#71

Naphthalene

Concen: 0.262 ug/L

RT: 13.460 min Scan# 31

Delta R.T. -0.620 min

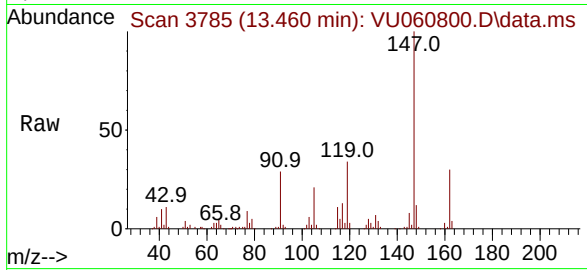
Lab File: VU060800.D

Acq: 16 Sep 2024 23:28

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 3478

Ion Ratio Lower Upper

128 100

129 69.8 8.3 12.5#

127 42.5 10.7 16.1#

