

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
 Data File : VU060799.D
 Acq On : 16 Sep 2024 23:04
 Operator : MD/SY
 Sample : P3967-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

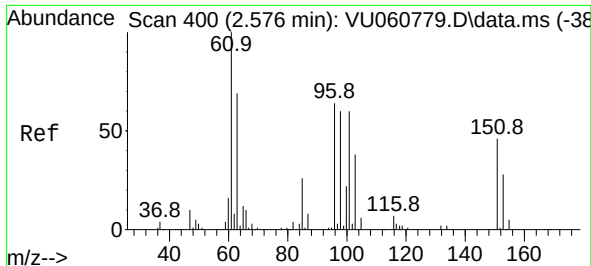
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 17 01:59:18 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	145183	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	155782	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	60455	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	60624	4.643	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.911	69	46286	4.978	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.564	65	23625	5.104	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.000%
20) 2-Butanone-d5	4.634	46	109307	52.142	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.280%
24) Chloroform-d	5.056	84	101901	5.105	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.695	65	50146	5.255	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	5.718	84	197551	4.731	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.682	67	65170	5.045	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.891	98	163565	4.297	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.174	79	21432	4.609	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.628	63	84256	45.932	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.860%
56) 1,1,2,2-Tetrachloroeth...	10.747	84	49130	4.854	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	56217	5.534	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.600%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	33462	3.346	ug/L	98
12) 1,1-Dichloroethene	2.573	96	34353	3.762	ug/L #	82
19) 1,1-Dichloroethane	3.866	63	3725	0.196	ug/L #	87
22) cis-1,2-Dichloroethene	4.660	96	2539	0.242	ug/L	84
29) 1,1,1-Trichloroethane	5.310	97	5022	0.299	ug/L #	89
34) Trichloroethene	6.538	95	28363	2.526	ug/L	98
35) Methylcyclohexane	6.682	83	14560	0.945	ug/L #	29
37) 1,2-Dichloropropane	6.686	63	6523	0.553	ug/L #	93
47) Tetrachloroethene	8.551	164	13194	1.479	ug/L	91
49) Dibromochloromethane	8.547	129	12019	1.239	ug/L #	9
61) 1,2,3-Trichloropropane	11.804	75	6659	1.181	ug/L #	71

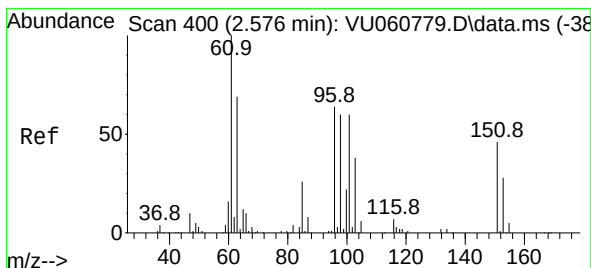
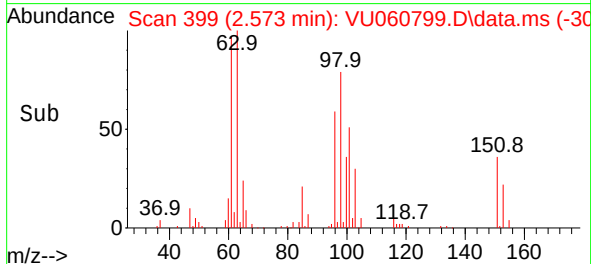
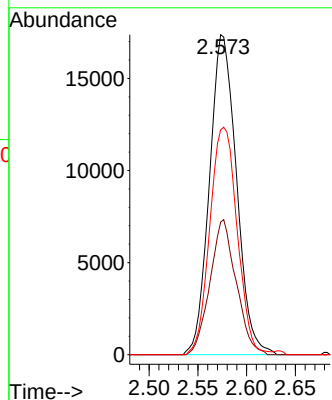
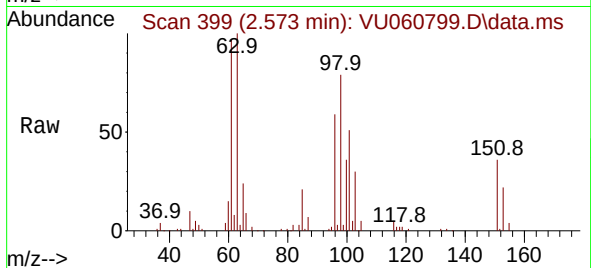
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.346 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU060799.D
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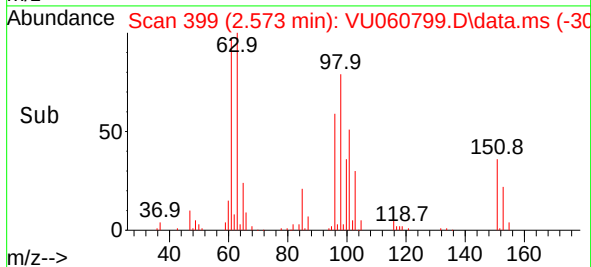
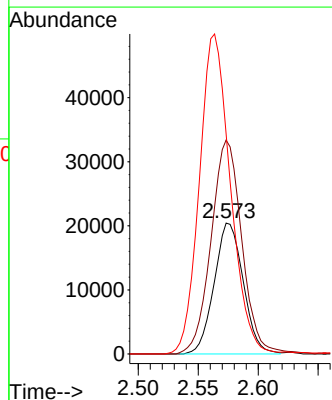
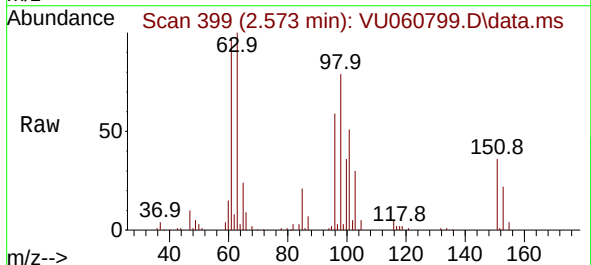
Instrument :
 MSVOA_U
 ClientSampleId :

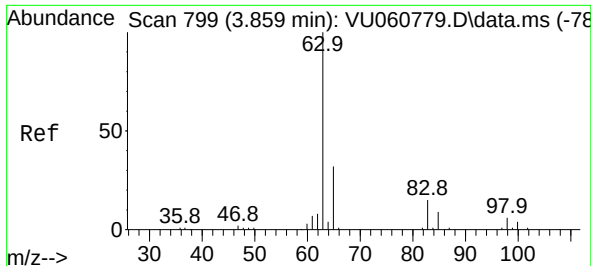
Tgt Ion:101 Resp: 33462
 Ion Ratio Lower Upper
 101 100
 85 41.0 34.2 51.4
 151 72.1 58.6 88.0



#12
 1,1-Dichloroethene
 Concen: 3.762 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU060799.D
 Acq: 16 Sep 2024 23:04

Tgt Ion: 96 Resp: 34353
 Ion Ratio Lower Upper
 96 100
 61 163.5 120.7 224.1
 63 168.2 90.0 167.2#





#19

1,1-Dichloroethane

Concen: 0.196 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.007 min

Lab File: VU060799.D

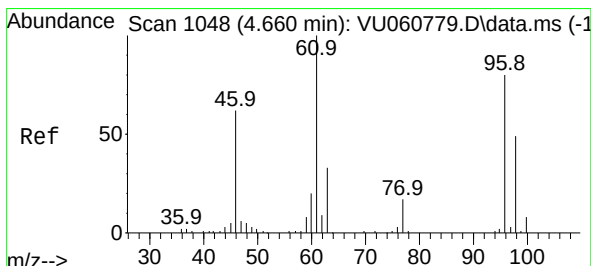
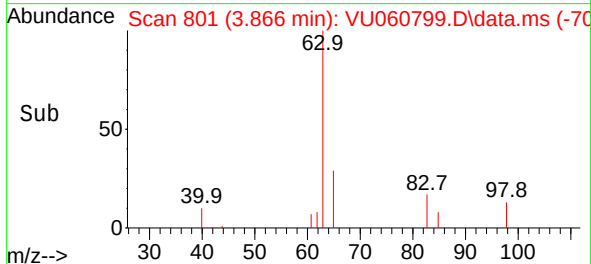
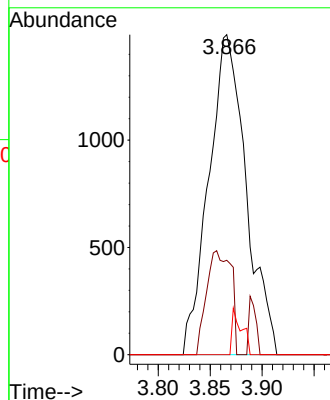
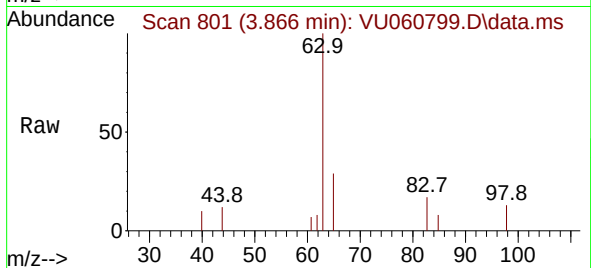
Acq: 16 Sep 2024 23:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 3725
Ion Ratio	Lower Upper
63	100
65	29.5 23.0 42.8
83	0.0 9.0 16.6#



#22

cis-1,2-Dichloroethene

Concen: 0.242 ug/L

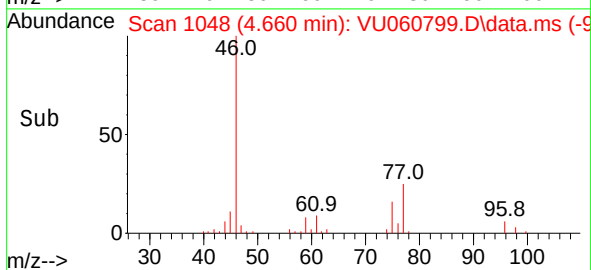
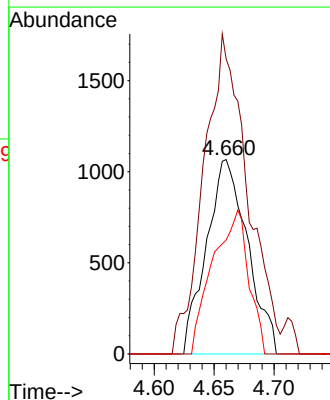
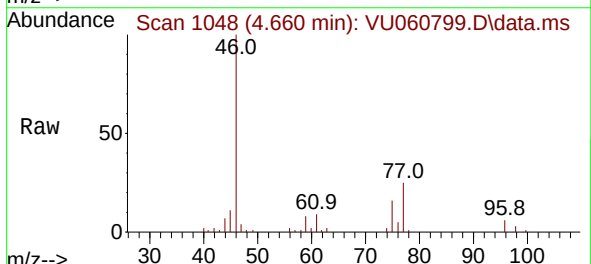
RT: 4.660 min Scan# 1048

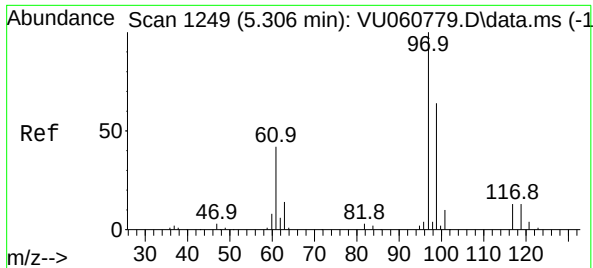
Delta R.T. 0.000 min

Lab File: VU060799.D

Acq: 16 Sep 2024 23:04

Tgt Ion: 96	Resp: 2539
Ion Ratio	Lower Upper
96	100
61	151.7 89.7 166.5
98	58.6 45.1 83.9

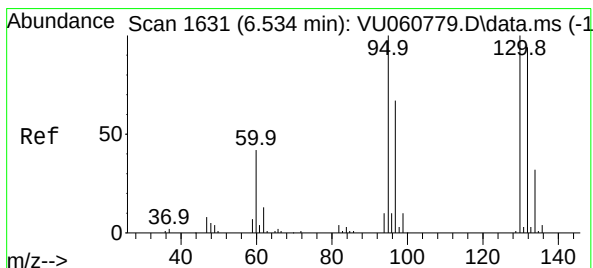
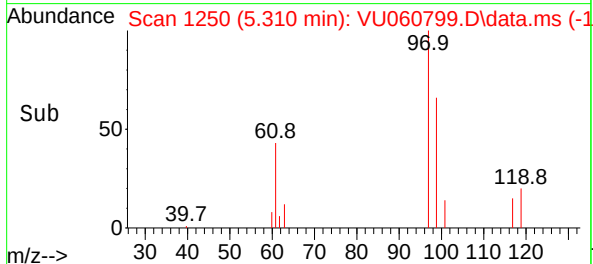
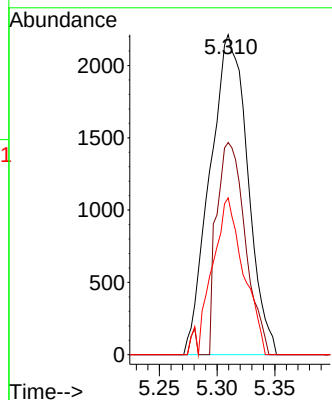
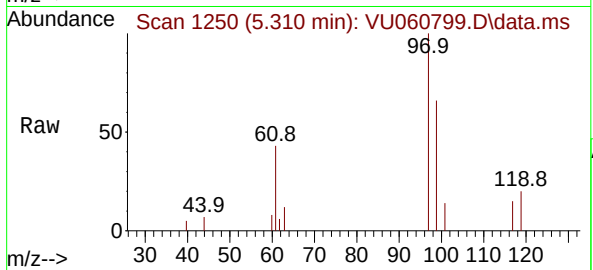




#29
1,1,1-Trichloroethane
Concen: 0.299 ug/L
RT: 5.310 min Scan# 1249
Delta R.T. 0.004 min
Lab File: VU060799.D
Acq: 16 Sep 2024 23:04

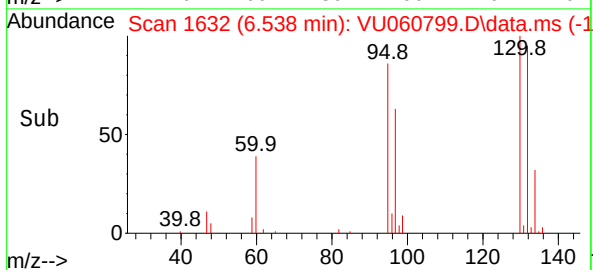
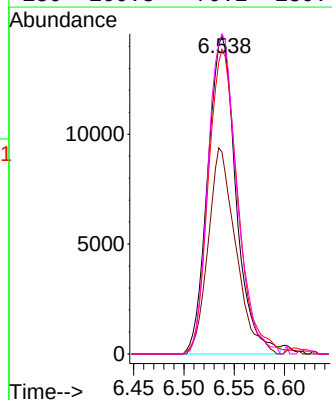
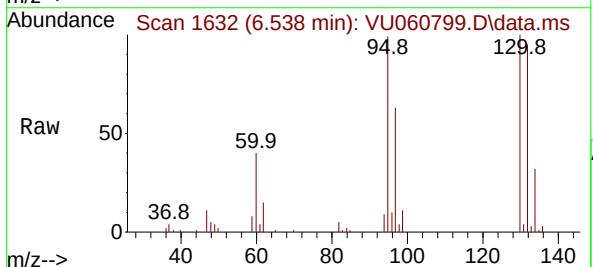
Instrument :
MSVOA_U
ClientSampleId :

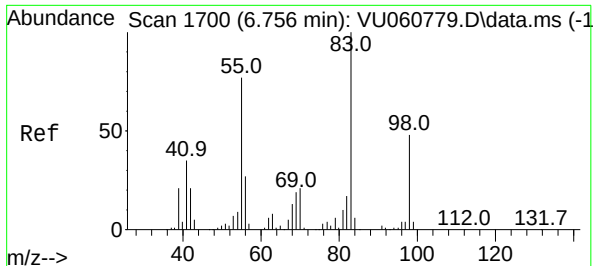
Tgt Ion: 97 Resp: 5022
Ion Ratio Lower Upper
97 100
99 50.3 50.5 75.7#
61 41.1 34.4 51.6



#34
Trichloroethene
Concen: 2.526 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.004 min
Lab File: VU060799.D
Acq: 16 Sep 2024 23:04

Tgt Ion: 95 Resp: 28363
Ion Ratio Lower Upper
95 100
97 63.6 44.9 83.5
132 95.9 63.5 117.9
130 100.8 70.2 130.4





#35

Methylcyclohexane

Concen: 0.945 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.073 min

Lab File: VU060799.D

Acq: 16 Sep 2024 23:04

Instrument :

MSVOA_U

ClientSampleId :

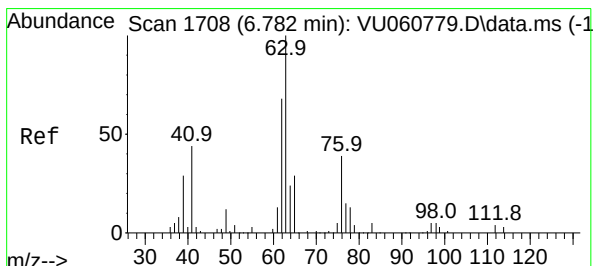
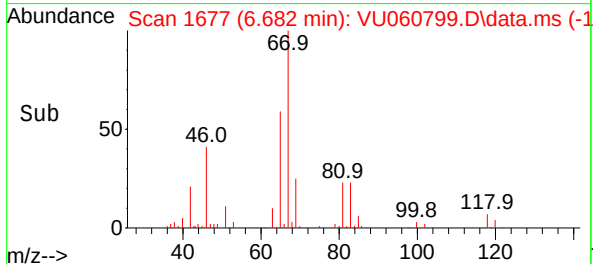
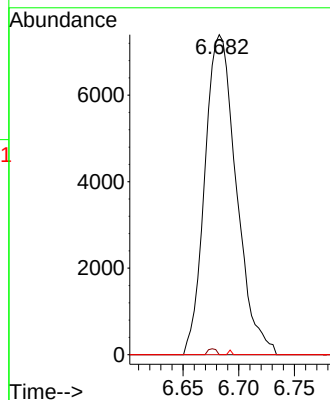
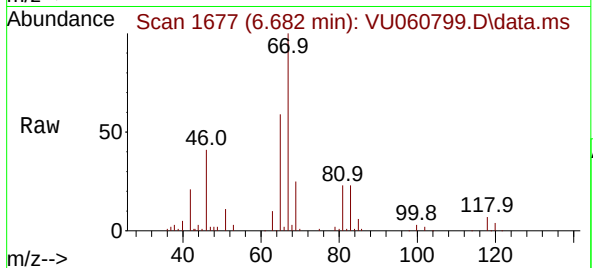
Tgt Ion: 83 Resp: 14560

Ion Ratio Lower Upper

83 100

55 0.5 62.6 94.0#

98 19.8 37.6 56.4#



#37

1,2-Dichloropropane

Concen: 0.553 ug/L

RT: 6.686 min Scan# 1678

Delta R.T. -0.096 min

Lab File: VU060799.D

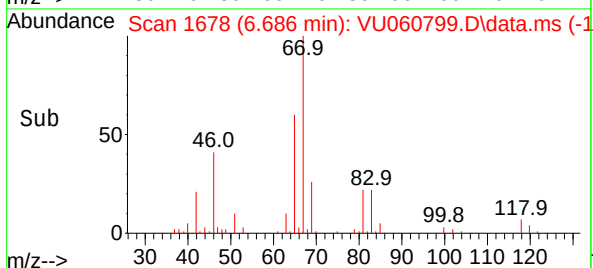
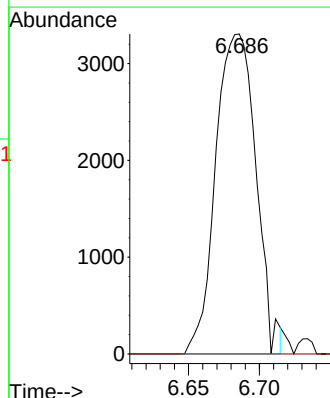
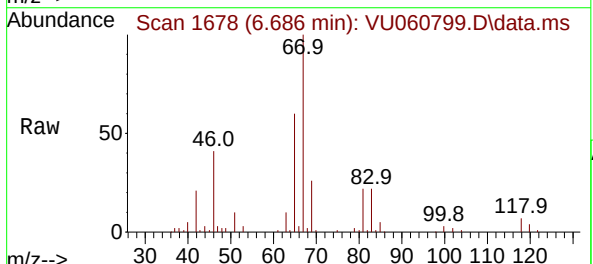
Acq: 16 Sep 2024 23:04

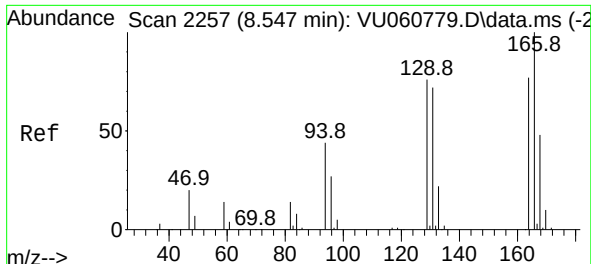
Tgt Ion: 63 Resp: 6523

Ion Ratio Lower Upper

63 100

112 0.0 2.0 3.0#





#47

Tetrachloroethene

Concen: 1.479 ug/L

RT: 8.551 min Scan# 21

Delta R.T. 0.004 min

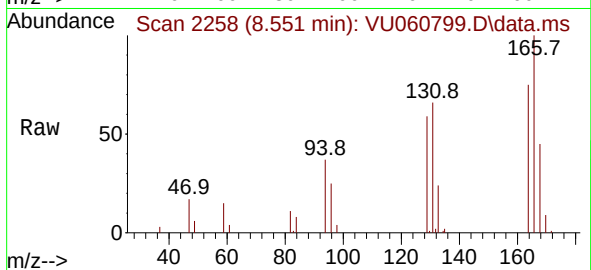
Lab File: VU060799.D

Acq: 16 Sep 2024 23:04

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 13194

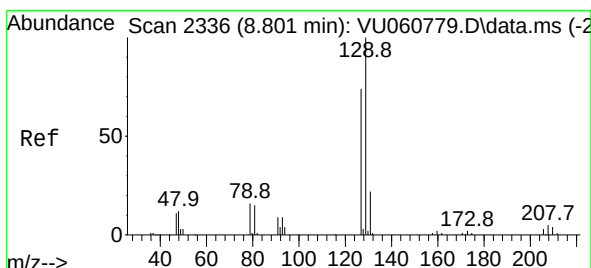
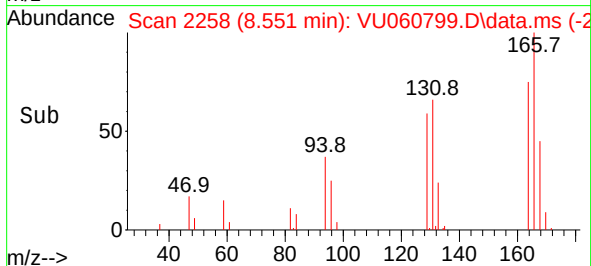
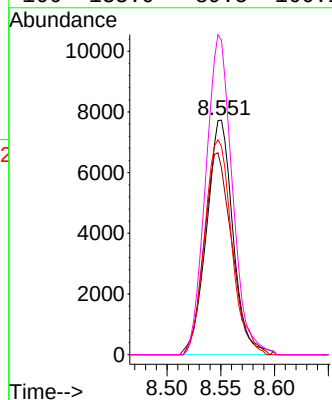
Ion Ratio Lower Upper

164 100

129 79.6 67.3 124.9

131 88.8 65.4 121.4

166 133.9 89.5 166.1



#49

Dibromochloromethane

Concen: 1.239 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU060799.D

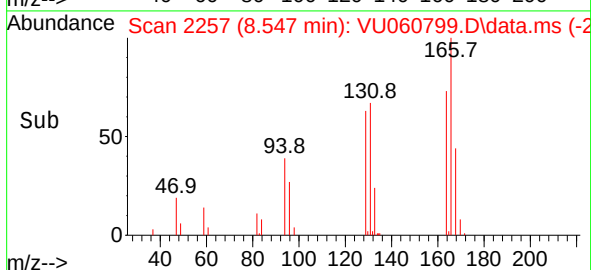
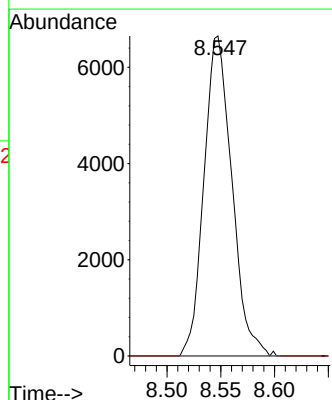
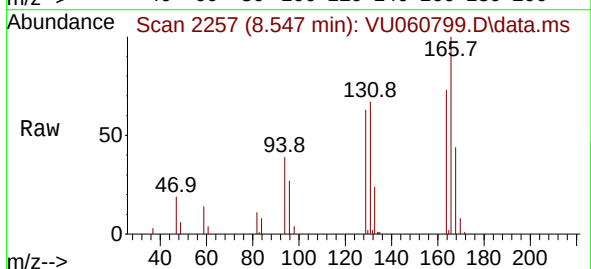
Acq: 16 Sep 2024 23:04

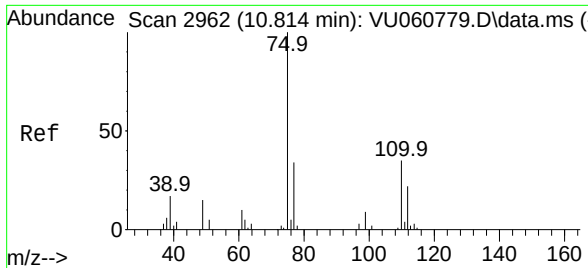
Tgt Ion:129 Resp: 12019

Ion Ratio Lower Upper

129 100

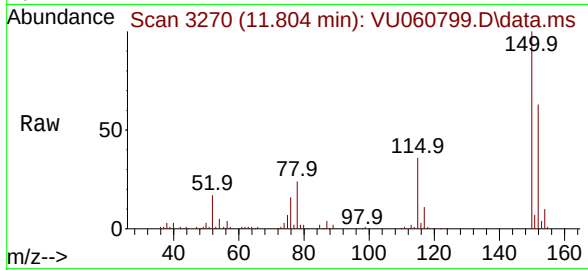
127 0.0 56.1 104.1#





#61
1,2,3-Trichloropropane
Concen: 1.181 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.991 min
Lab File: VU060799.D
Acq: 16 Sep 2024 23:04

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	6659
Ion	Ratio	Lower	Upper
75	100		
110	3.5	28.6	43.0#
77	32.0	26.3	39.5

