

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091024\
 Data File : VU060665.D
 Acq On : 10 Sep 2024 14:39
 Operator : MD/SY
 Sample : P3918-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

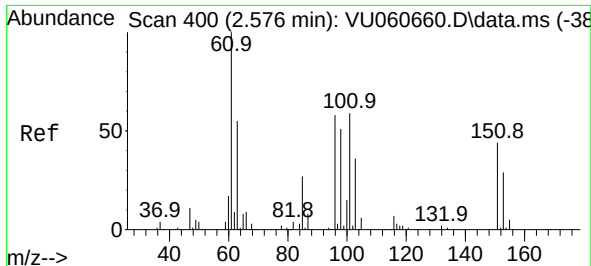
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 11 02:47:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 11 02:46:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	114190	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	122369	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	52577	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	25421	5.040	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.800%
7) Chloroethane-d5	1.911	69	27929	3.655	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.000%
11) 1,1-Dichloroethene-d2	2.560	65	12834	4.318	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.634	46	73777	42.538	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.080%
24) Chloroform-d	5.055	84	69762	4.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.698	65	37901	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.721	84	129630	4.844	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.685	67	43653	5.056	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.891	98	109764	4.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	8.177	79	14377	4.654	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.631	63	55757	37.695	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.380%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	32738	4.261	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	39970	5.156	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	37899	3.727	ug/L	99
12) 1,1-Dichloroethene	2.576	96	4456	0.476	ug/L #	1
19) 1,1-Dichloroethane	3.866	63	2420	0.147	ug/L	88
22) cis-1,2-Dichloroethene	4.657	96	5589	0.616	ug/L	98
25) Chloroform	5.081	83	5851	0.335	ug/L	95
34) Trichloroethene	6.538	95	32499	3.089	ug/L	97
35) Methylcyclohexane	6.679	83	9870	0.684	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	4653	0.468	ug/L #	91
47) Tetrachloroethene	8.547	164	54141	6.279	ug/L	98
49) Dibromochloromethane	8.547	129	52076	6.244	ug/L #	12
61) 1,2,3-Trichloropropane	11.804	75	6130	1.209	ug/L #	65

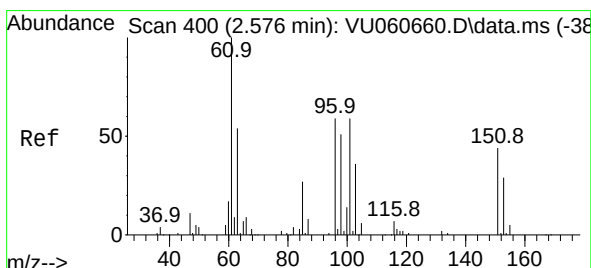
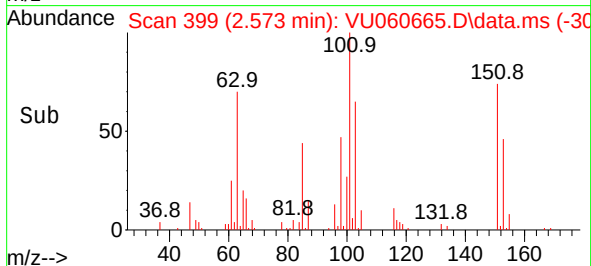
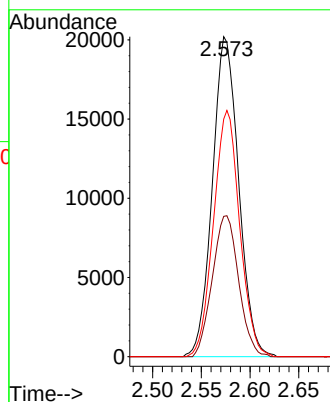
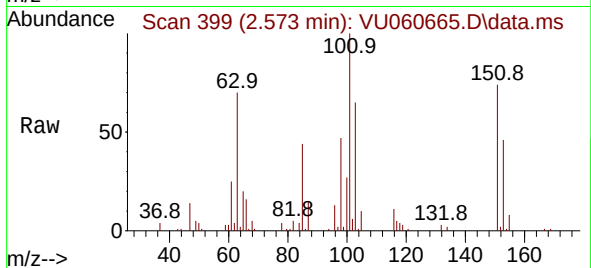
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.727 ug/L
RT: 2.573 min Scan# 30
Delta R.T. -0.003 min
Lab File: VU060665.D
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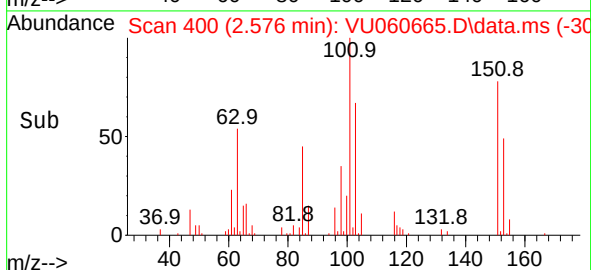
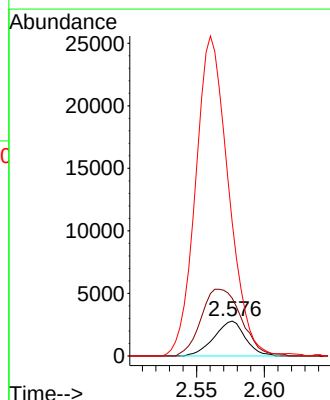
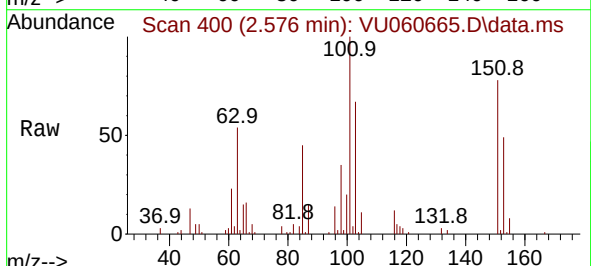
Instrument :
MSVOA_U
ClientSampleId :

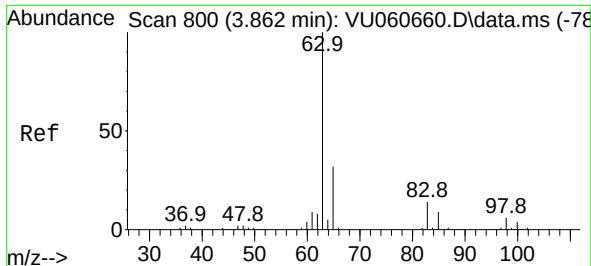
Tgt Ion:101 Resp: 37899
Ion Ratio Lower Upper
101 100
85 44.1 35.8 53.6
151 76.7 61.7 92.5



#12
1,1-Dichloroethene
Concen: 0.476 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU060665.D
Acq: 10 Sep 2024 14:39

Tgt Ion: 96 Resp: 4456
Ion Ratio Lower Upper
96 100
61 165.1 116.4 216.2
63 382.2 74.8 139.0#

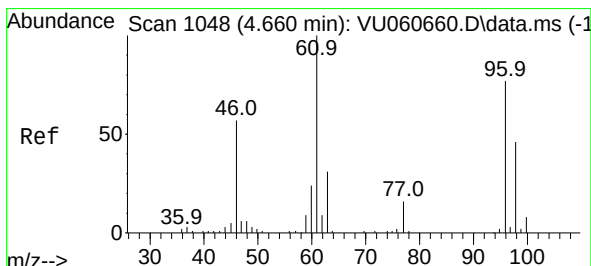
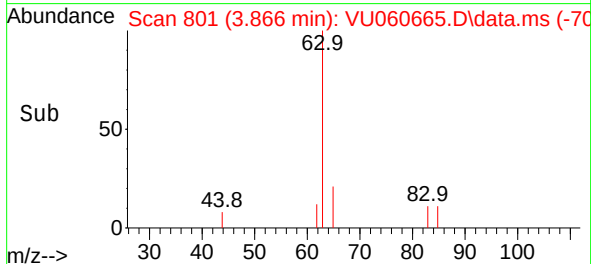
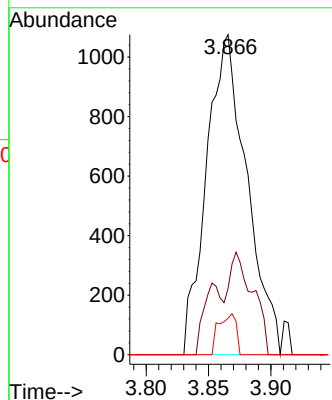
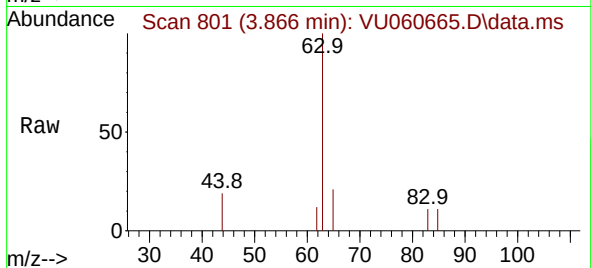




#19
1,1-Dichloroethane
Concen: 0.147 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU060665.D
Acq: 10 Sep 2024 14:39

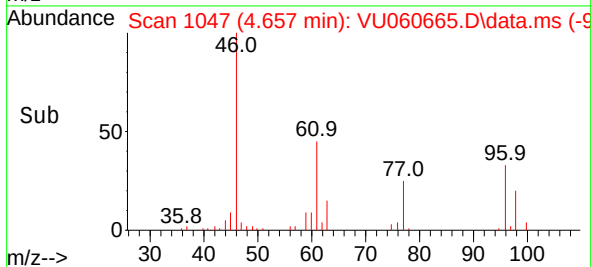
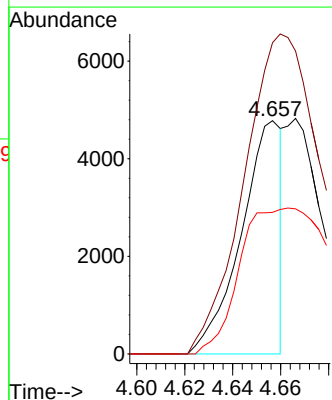
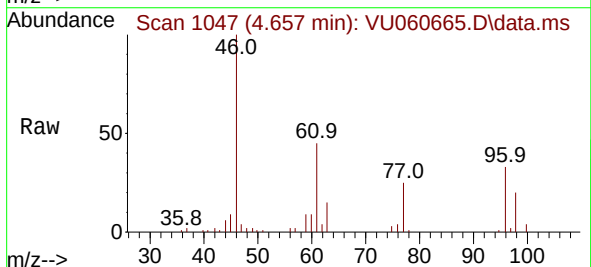
Instrument :
MSVOA_U
ClientSampleId :

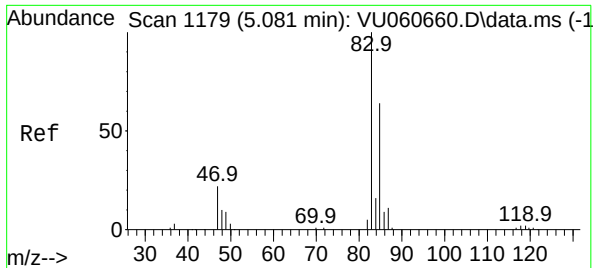
Tgt Ion: 63 Resp: 2420
Ion Ratio Lower Upper
63 100
65 20.7 20.5 38.1
83 11.4 9.2 17.2



#22
cis-1,2-Dichloroethene
Concen: 0.616 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU060665.D
Acq: 10 Sep 2024 14:39

Tgt Ion: 96 Resp: 5589
Ion Ratio Lower Upper
96 100
61 133.5 92.9 172.5
98 60.7 45.0 83.6

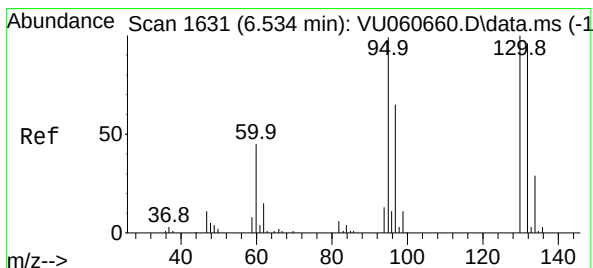
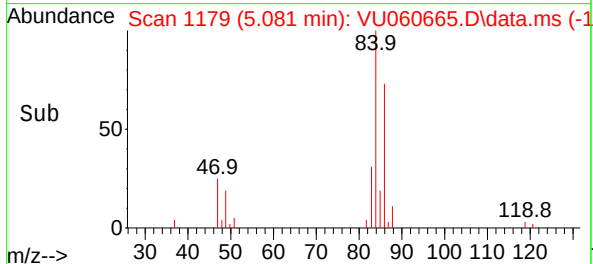
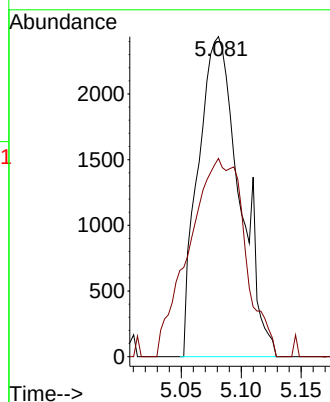
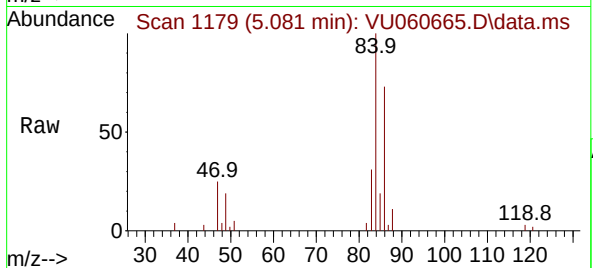




#25
Chloroform
Concen: 0.335 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VU060665.D
Acq: 10 Sep 2024 14:39

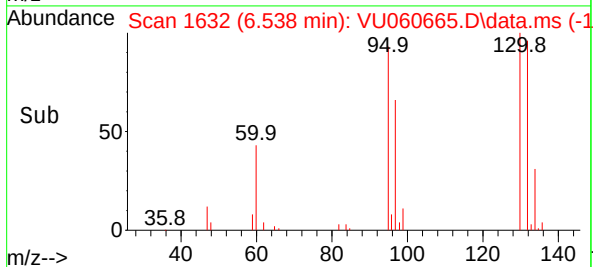
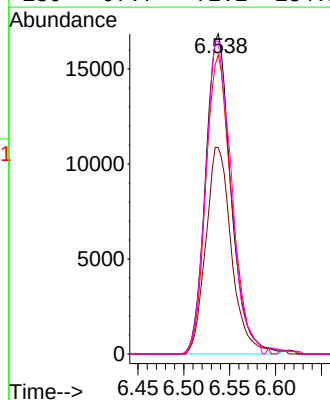
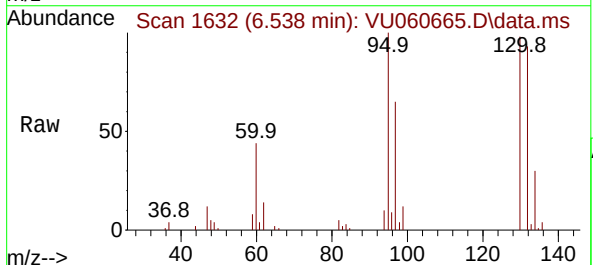
Instrument :
MSVOA_U
ClientSampleId :

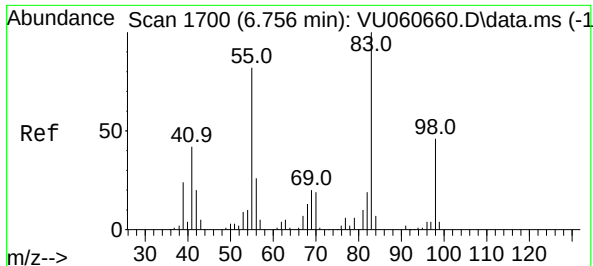
Tgt Ion: 83 Resp: 5851
Ion Ratio Lower Upper
83 100
85 61.9 46.4 86.2



#34
Trichloroethene
Concen: 3.089 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.003 min
Lab File: VU060665.D
Acq: 10 Sep 2024 14:39

Tgt Ion: 95 Resp: 32499
Ion Ratio Lower Upper
95 100
97 64.5 45.8 85.2
132 93.5 67.4 125.2
130 97.7 72.2 134.2





#35

Methylcyclohexane

Concen: 0.684 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU060665.D

Acq: 10 Sep 2024 14:39

Instrument :

MSVOA_U

ClientSampleId :

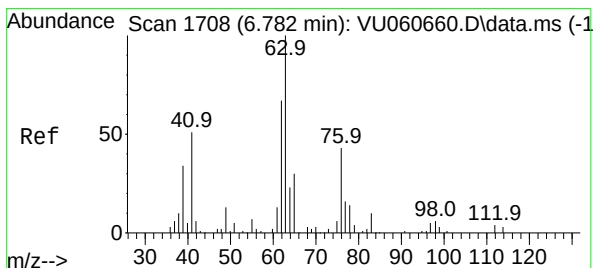
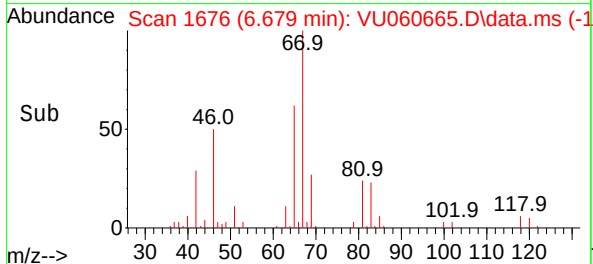
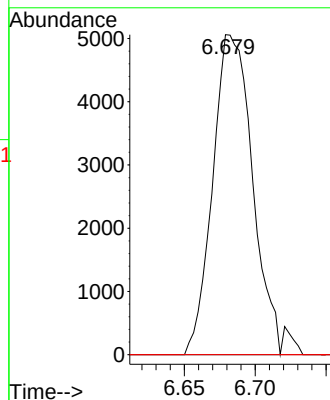
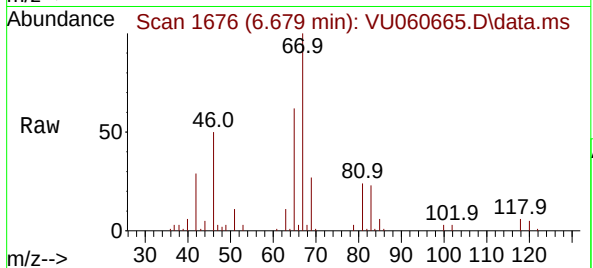
Tgt Ion: 83 Resp: 9870

Ion Ratio Lower Upper

83 100

55 0.0 65.8 98.8#

98 2.5 37.8 56.8#



#37

1,2-Dichloropropane

Concen: 0.468 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU060665.D

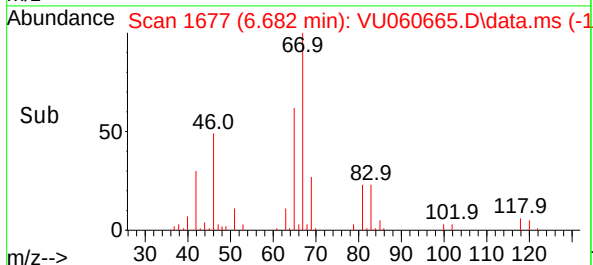
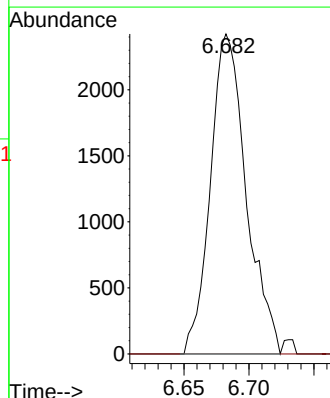
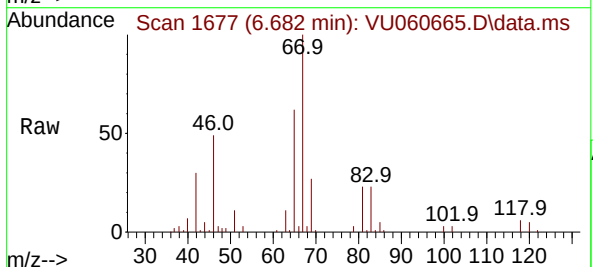
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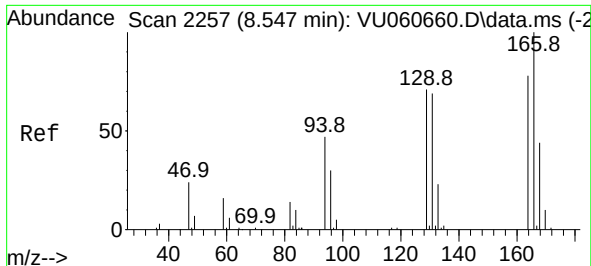
Tgt Ion: 63 Resp: 4653

Ion Ratio Lower Upper

63 100

112 0.0 2.3 3.5#





#47

Tetrachloroethene

Concen: 6.279 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

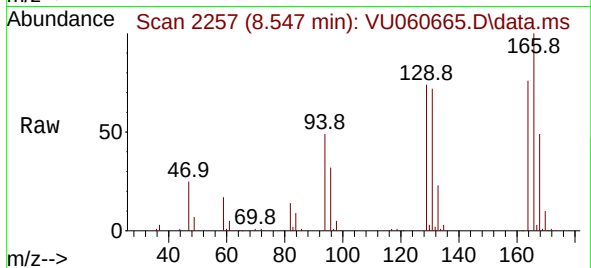
Lab File: VU060665.D

Acq: 10 Sep 2024 14:39

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 54141

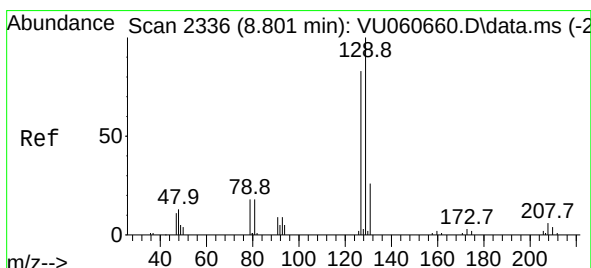
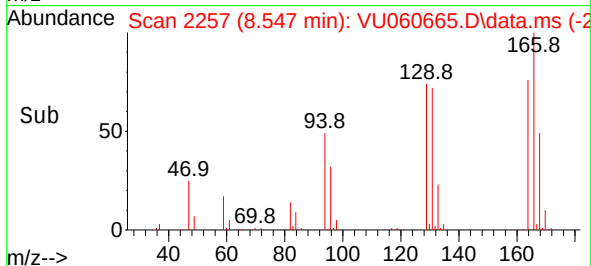
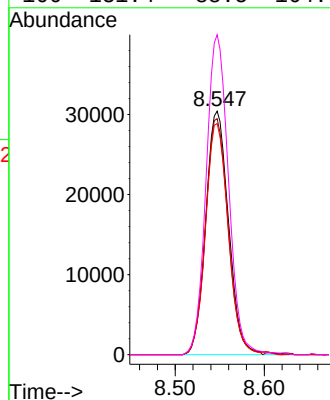
Ion Ratio Lower Upper

164 100

129 96.9 67.8 125.8

131 94.9 67.2 124.8

166 131.4 88.5 164.4



#49

Dibromochloromethane

Concen: 6.244 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU060665.D

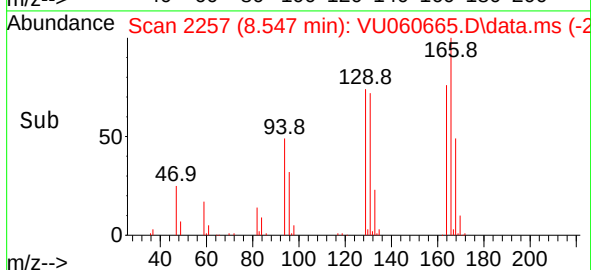
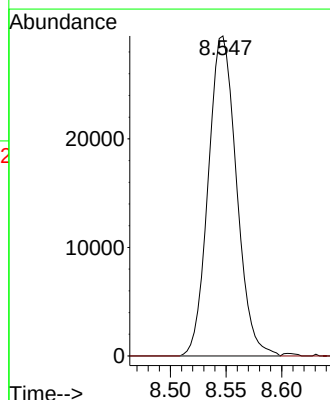
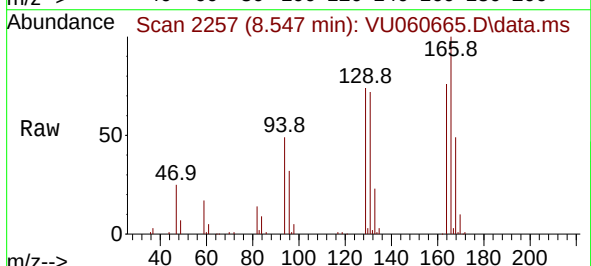
Acq: 10 Sep 2024 14:39

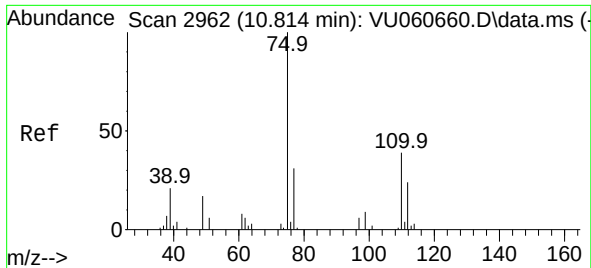
Tgt Ion:129 Resp: 52076

Ion Ratio Lower Upper

129 100

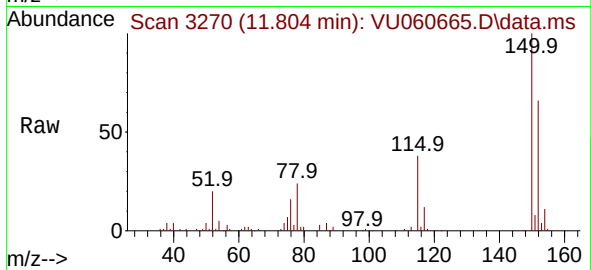
127 0.0 53.0 98.4#





#61
1,2,3-Trichloropropane
Concen: 1.209 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU060665.D
Acq: 10 Sep 2024 14:39

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	1.1	30.2	45.4#
77	34.2	25.4	38.2

