

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091024\
 Data File : VU060664.D
 Acq On : 10 Sep 2024 14:15
 Operator : MD/SY
 Sample : P3918-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 11 02:47:43 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

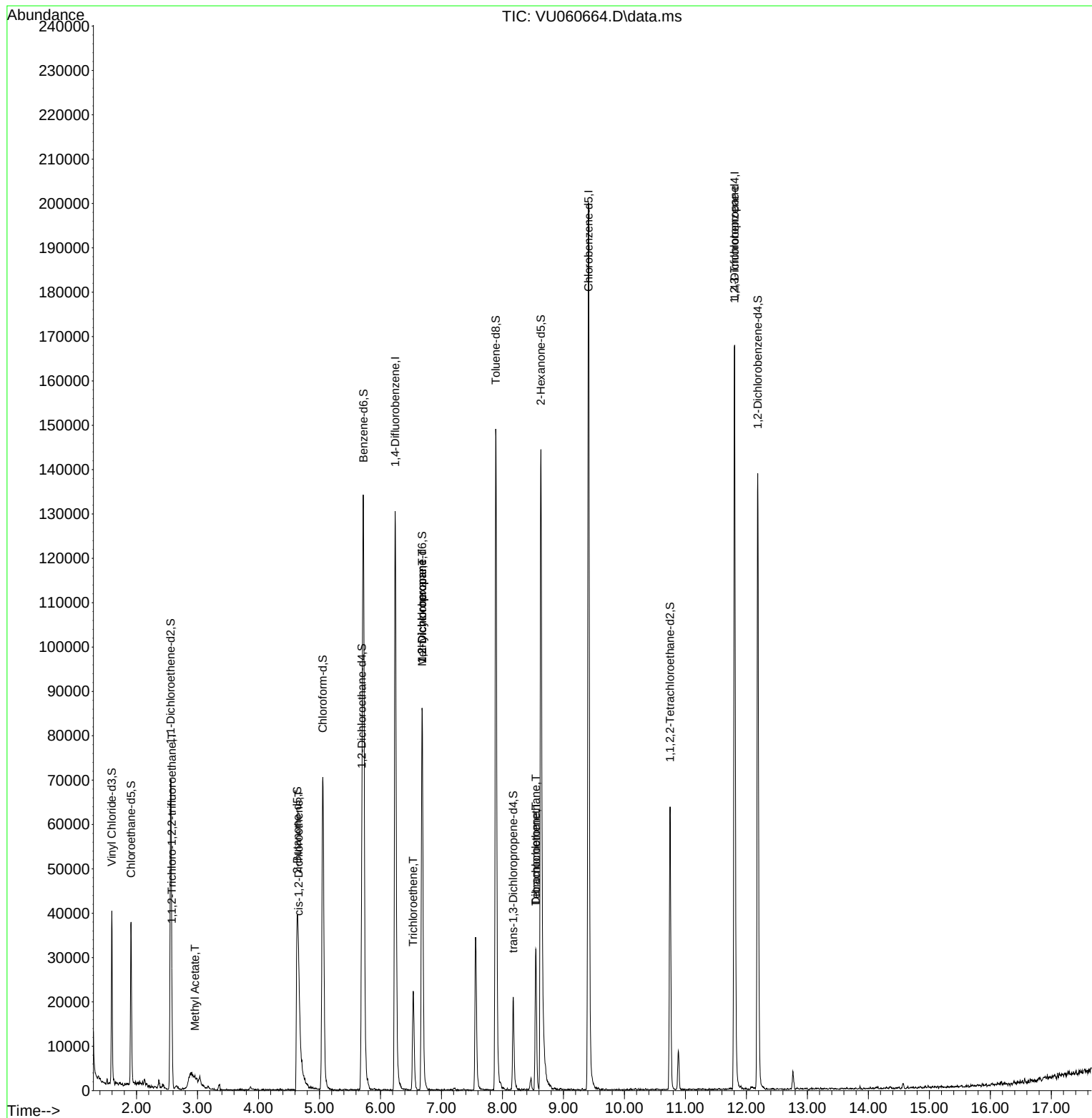
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	111861	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	118906	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	49315	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	25979	5.258	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.200%
7) Chloroethane-d5	1.911	69	26275	3.510	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.200%
11) 1,1-Dichloroethene-d2	2.560	65	12997	4.463	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	4.634	46	76104	44.794	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.580%
24) Chloroform-d	5.055	84	69635	4.944	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.695	65	36280	4.936	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.721	84	130554	5.021	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	6.682	67	42772	5.099	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.891	98	106834	4.380	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	8.177	79	13115	4.369	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.631	63	53713	37.370	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.740%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	33528	4.491	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	39147	5.384	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	4121	0.414	ug/L	96
15) Methyl Acetate	2.959	43	728	0.250	ug/L #	48
22) cis-1,2-Dichloroethene	4.660	96	4046	0.455	ug/L #	73
34) Trichloroethene	6.537	95	8650	0.846	ug/L	88
35) Methylcyclohexane	6.685	83	10170	0.725	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	4748	0.491	ug/L #	91
47) Tetrachloroethene	8.550	164	7121	0.850	ug/L	97
49) Dibromochloromethane	8.547	129	6794	0.838	ug/L #	12
61) 1,2,3-Trichloropropane	11.804	75	5301	1.114	ug/L #	64

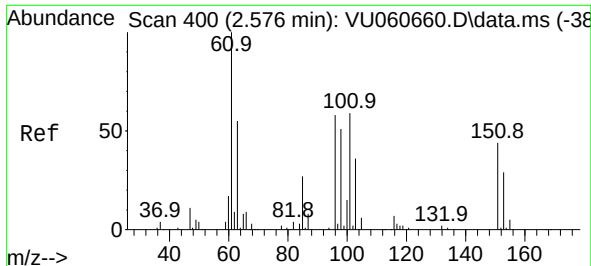
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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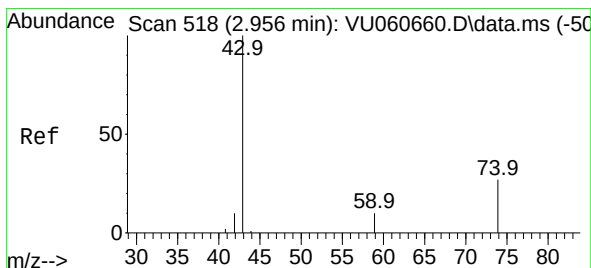
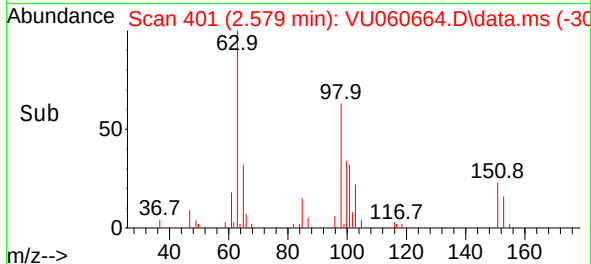
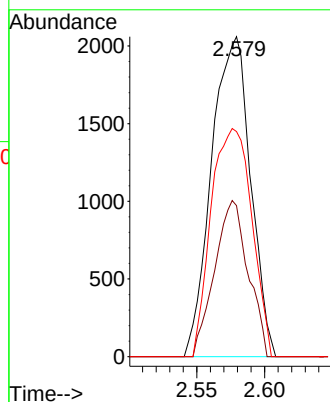
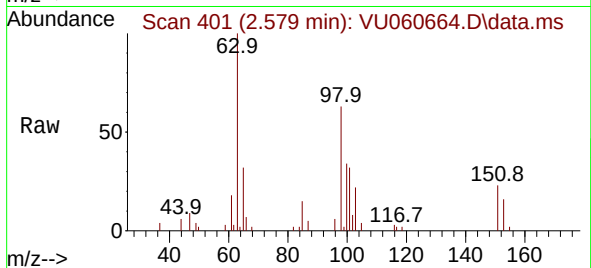




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.414 ug/L
RT: 2.579 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU060664.D
Acq: 10 Sep 2024 14:15

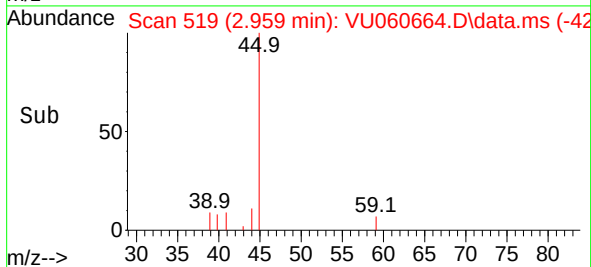
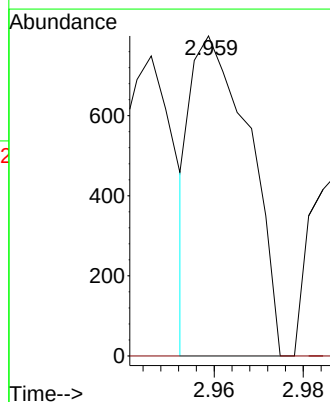
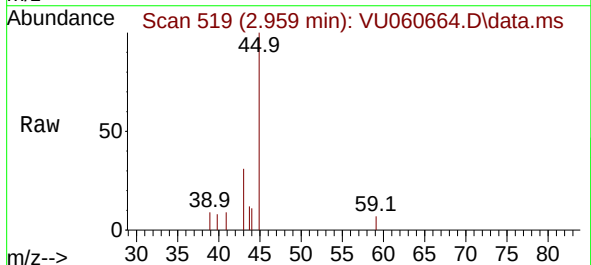
Instrument :
MSVOA_U
ClientSampleId :

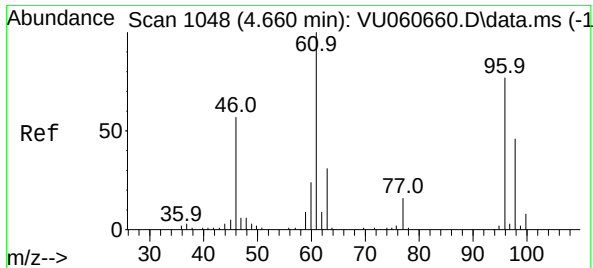
Tgt Ion:101 Resp: 4121
Ion Ratio Lower Upper
101 100
85 41.9 35.8 53.6
151 74.3 61.7 92.5



#15
Methyl Acetate
Concen: 0.250 ug/L
RT: 2.959 min Scan# 519
Delta R.T. 0.003 min
Lab File: VU060664.D
Acq: 10 Sep 2024 14:15

Tgt Ion: 43 Resp: 728
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.2#

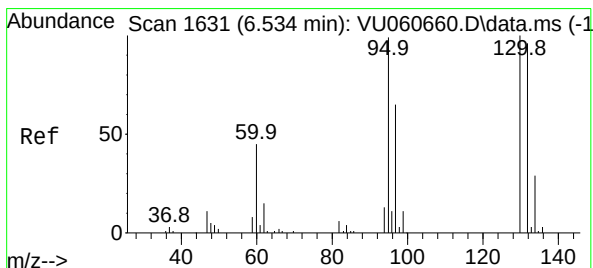
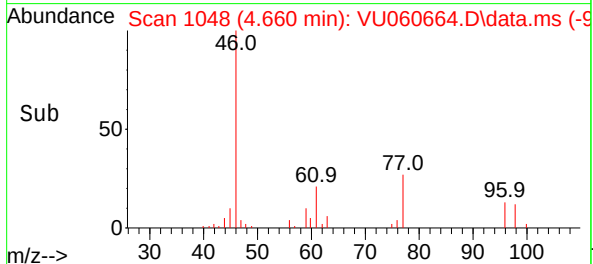
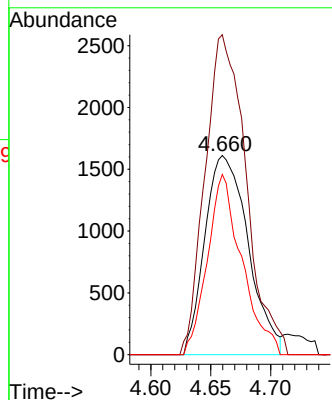
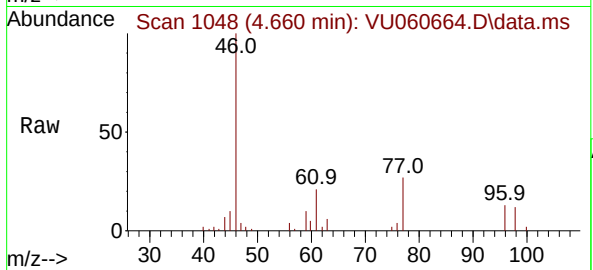




#22
 cis-1,2-Dichloroethene
 Concen: 0.455 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU060664.D
 Acq: 10 Sep 2024 14:15

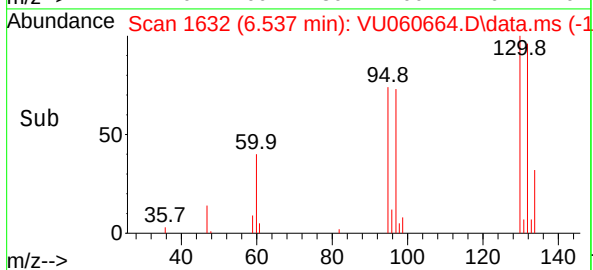
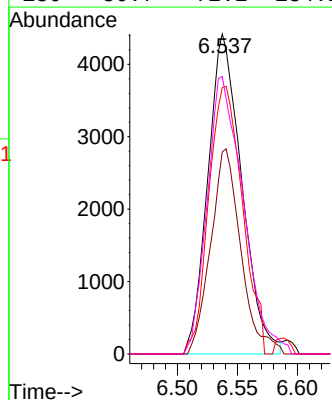
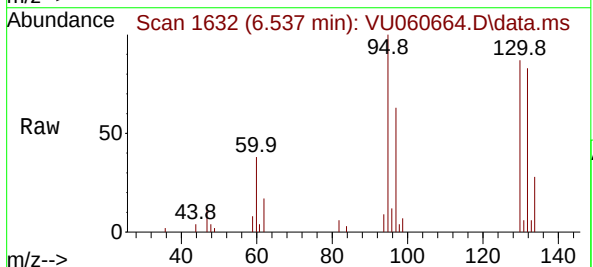
Instrument :
 MSVOA_U
 ClientSampleId :

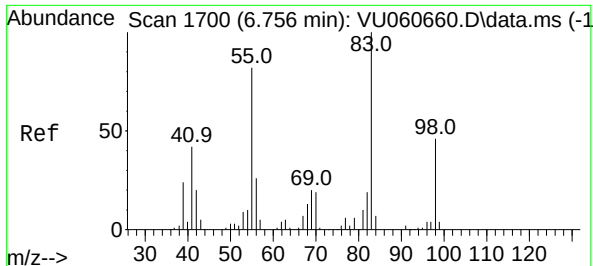
Tgt Ion: 96 Resp: 4046
 Ion Ratio Lower Upper
 96 100
 61 160.6 92.9 172.5
 98 90.4 45.0 83.6#



#34
 Trichloroethene
 Concen: 0.846 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. 0.003 min
 Lab File: VU060664.D
 Acq: 10 Sep 2024 14:15

Tgt Ion: 95 Resp: 8650
 Ion Ratio Lower Upper
 95 100
 97 63.1 45.8 85.2
 132 83.3 67.4 125.2
 130 86.7 72.2 134.2





#35

Methylcyclohexane

Concen: 0.725 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU060664.D

Acq: 10 Sep 2024 14:15

Instrument :

MSVOA_U

ClientSampleId :

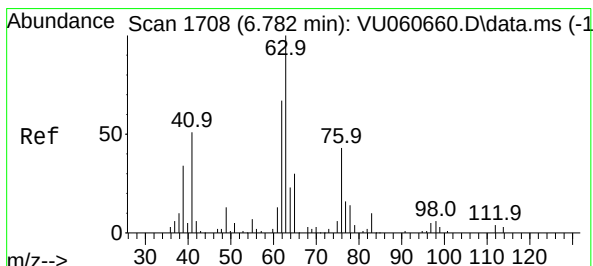
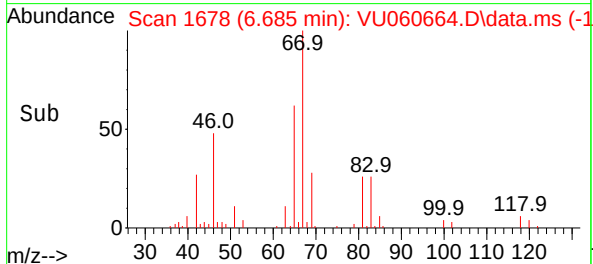
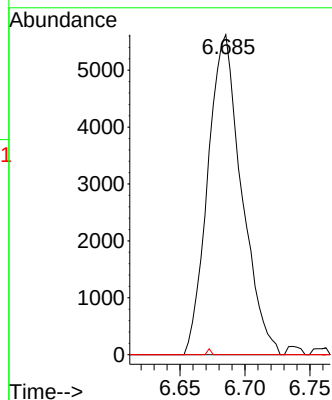
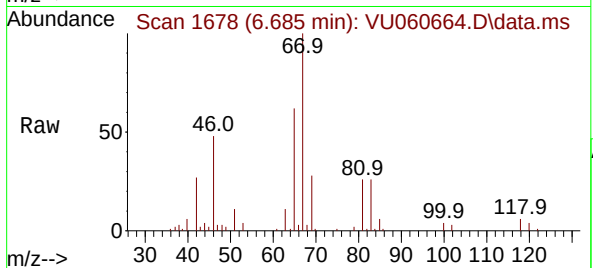
Tgt Ion: 83 Resp: 10170

Ion Ratio Lower Upper

83 100

55 0.0 65.8 98.8#

98 7.9 37.8 56.8#



#37

1,2-Dichloropropane

Concen: 0.491 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU060664.D

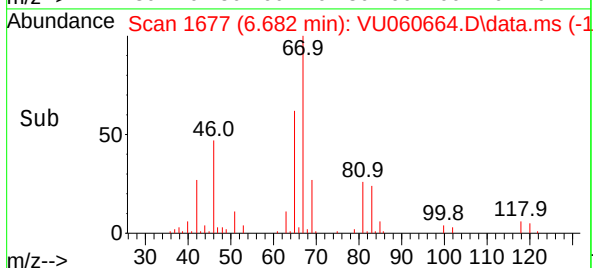
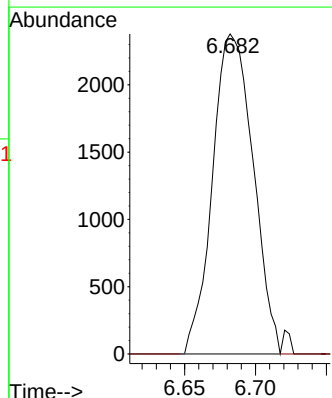
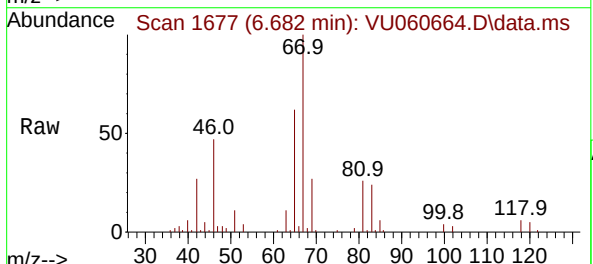
Acq: 10 Sep 2024 14:15

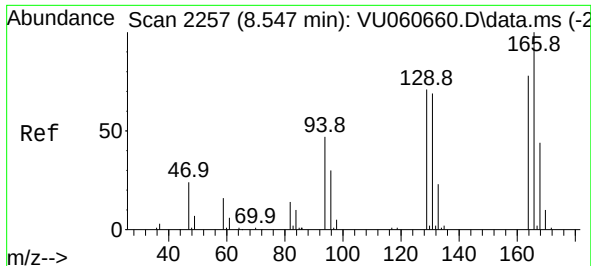
Tgt Ion: 63 Resp: 4748

Ion Ratio Lower Upper

63 100

112 0.0 2.3 3.5#





#47

Tetrachloroethene

Concen: 0.850 ug/L

RT: 8.550 min Scan# 21

Delta R.T. 0.003 min

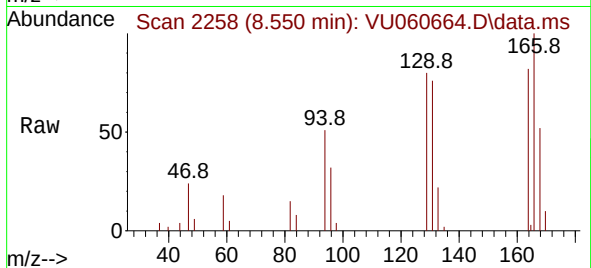
Lab File: VU060664.D

Acq: 10 Sep 2024 14:15

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 7121

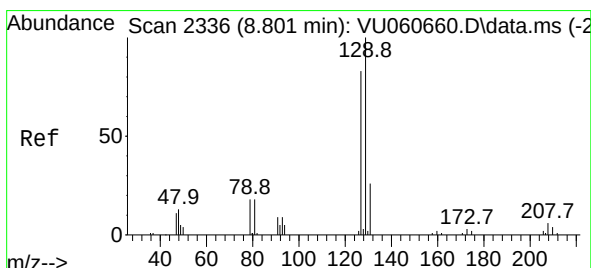
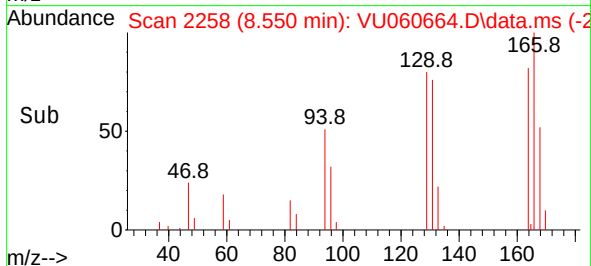
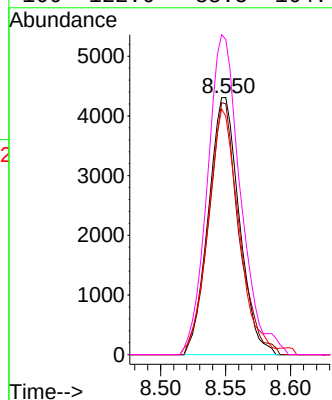
Ion Ratio Lower Upper

164 100

129 97.6 67.8 125.8

131 92.7 67.2 124.8

166 122.6 88.5 164.4



#49

Dibromochloromethane

Concen: 0.838 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU060664.D

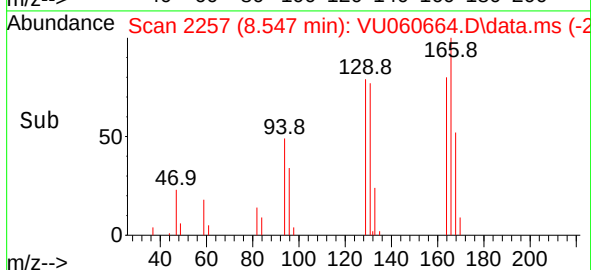
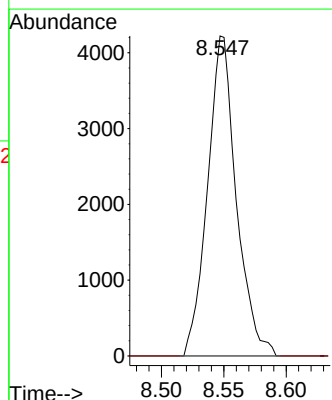
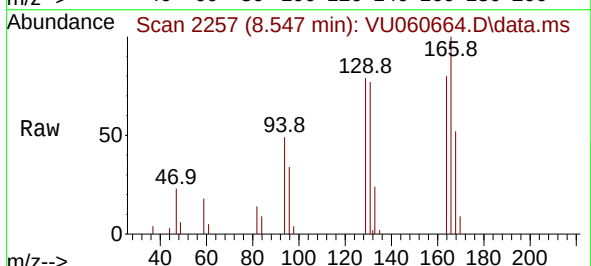
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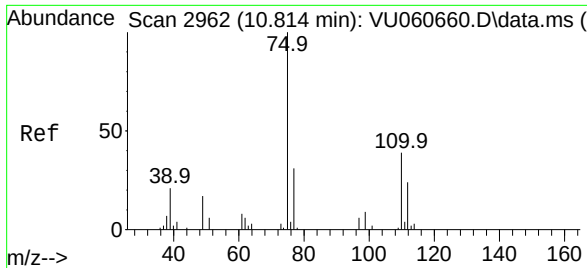
Tgt Ion:129 Resp: 6794

Ion Ratio Lower Upper

129 100

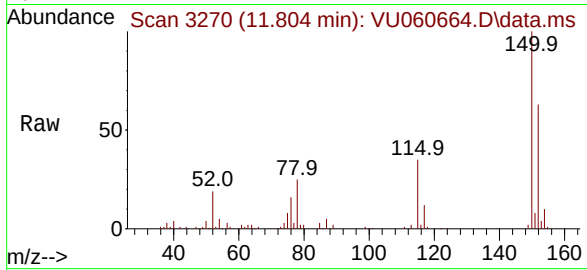
127 0.0 53.0 98.4#





#61
1,2,3-Trichloropropane
Concen: 1.114 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU060664.D
Acq: 10 Sep 2024 14:15

Instrument :
MSVOA_U
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Tgt Ion	Ratio	Lower	Upper
75	100		
110	1.8	30.2	45.4#
77	36.0	25.4	38.2

