

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
 Data File : VU060813.D
 Acq On : 17 Sep 2024 05:31
 Operator : MD/SY
 Sample : P3952-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B48

Quant Time: Sep 17 06:37:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 17 02:49:32 2024
 Response via : Initial Calibration

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

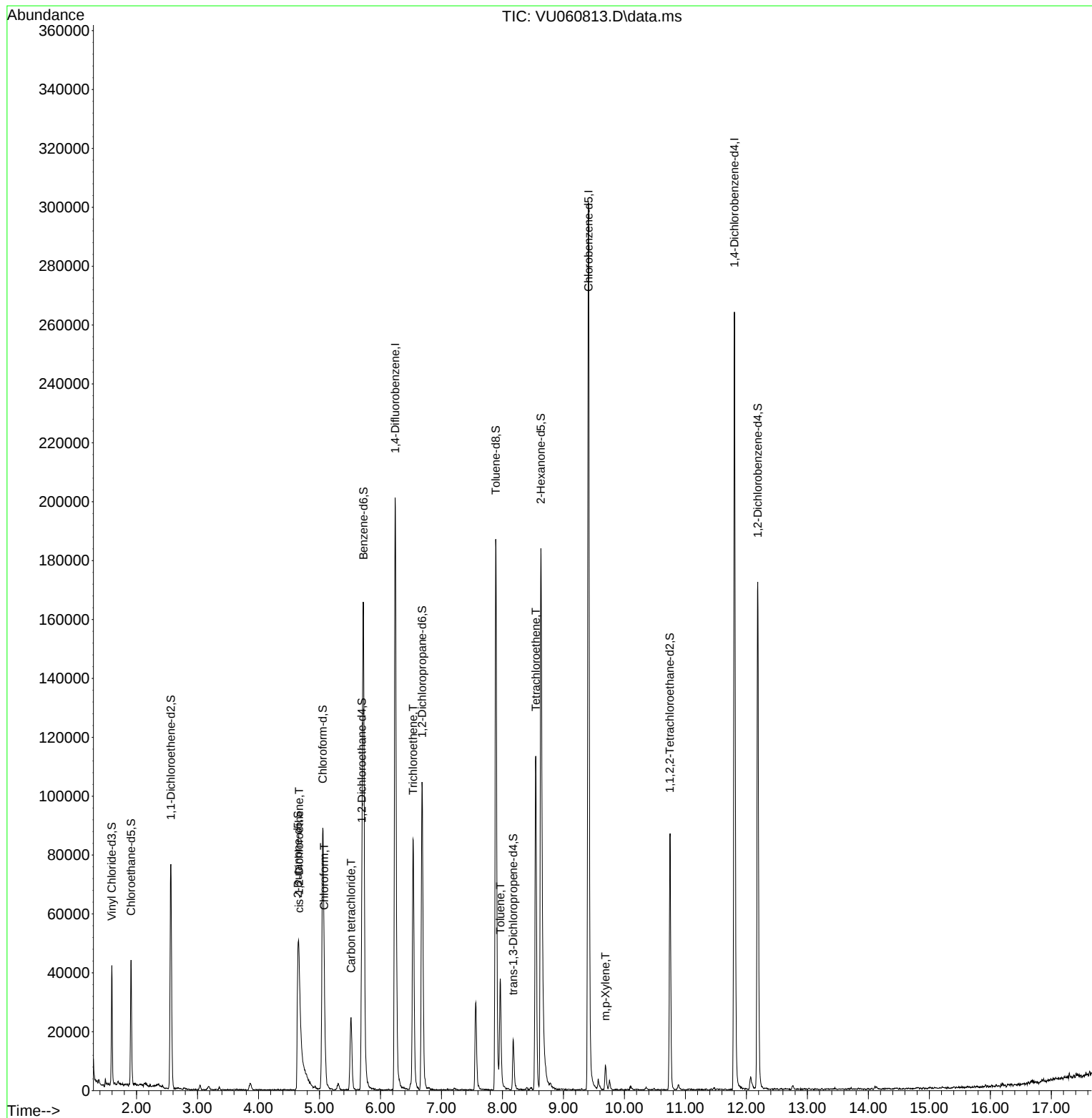
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	177960	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	189904	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	80023	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26716	1.669	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	33.400%#
7) Chloroethane-d5	1.911	69	32070	2.814	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	56.200%#
11) 1,1-Dichloroethene-d2	2.563	65	14328	2.526	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.600%#
20) 2-Butanone-d5	4.650	46	95315	37.093	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.180%
24) Chloroform-d	5.055	84	85823	3.507	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.200%
26) 1,2-Dichloroethane-d4	5.695	65	41486	3.547	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.000%
32) Benzene-d6	5.721	84	165065	3.243	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	64.800%#
36) 1,2-Dichloropropane-d6	6.682	67	56451	3.585	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.600%
41) Toluene-d8	7.891	98	137872	2.971	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	59.400%#
43) trans-1,3-Dichloroprop...	8.177	79	11973	2.112	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	42.200%#
46) 2-Hexanone-d5	8.631	63	70690	31.612	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.220%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	44997	3.647	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	52072	3.873	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.400%#
Target Compounds						
					Qvalue	
22) cis-1,2-Dichloroethene	4.666	96	6786	0.529	ug/L	96
25) Chloroform	5.078	83	17968	0.740	ug/L	92
31) Carbon tetrachloride	5.518	117	18141	0.999	ug/L	97
34) Trichloroethene	6.534	95	30816	2.251	ug/L	98
42) Toluene	7.965	91	31199	0.571	ug/L	92
47) Tetrachloroethene	8.547	164	27474	2.526	ug/L	96
53) m,p-Xylene	9.688	106	2505	0.115	ug/L	94

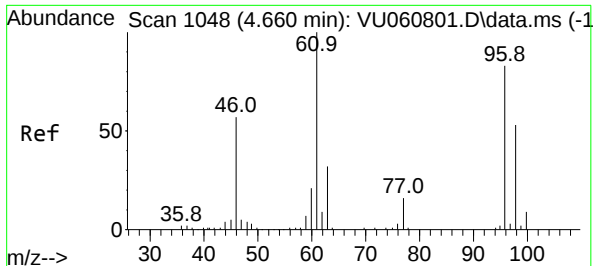
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Sep 17 02:49:32 2024
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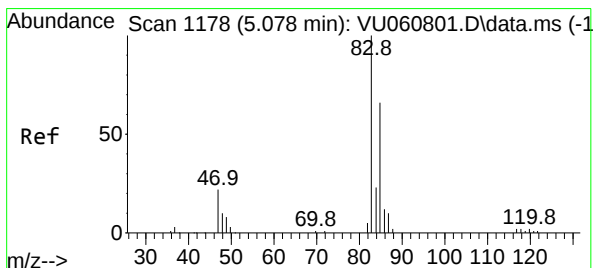
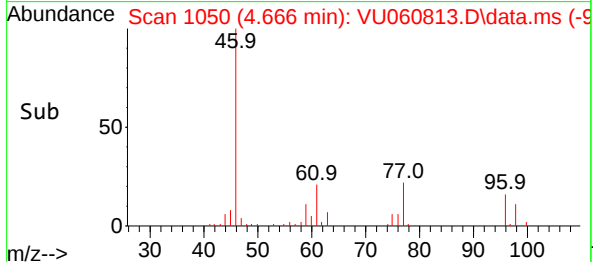
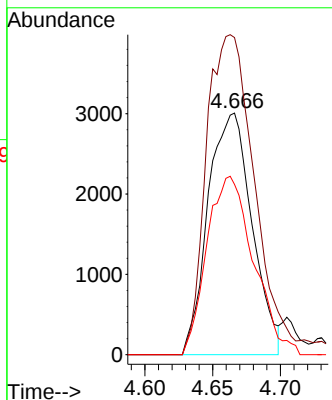
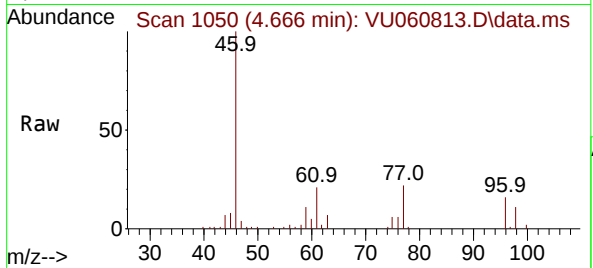




#22
 cis-1,2-Dichloroethene
 Concen: 0.529 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.006 min
 Lab File: VU060813.D
 Acq: 17 Sep 2024 05:31

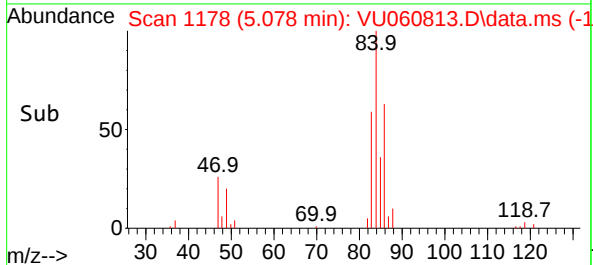
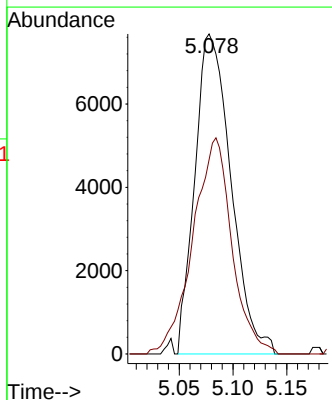
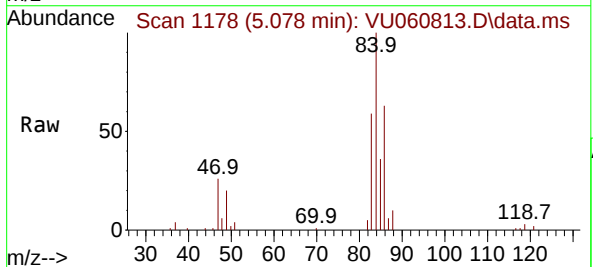
Instrument :
 MSVOA_U
 ClientSampleId :
 C0B48

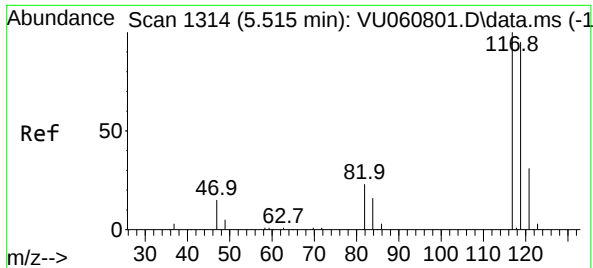
Tgt Ion: 96 Resp: 6786
 Ion Ratio Lower Upper
 96 100
 61 131.3 89.7 166.5
 98 70.4 45.1 83.9



#25
 Chloroform
 Concen: 0.740 ug/L
 RT: 5.078 min Scan# 1178
 Delta R.T. -0.000 min
 Lab File: VU060813.D
 Acq: 17 Sep 2024 05:31

Tgt Ion: 83 Resp: 17968
 Ion Ratio Lower Upper
 83 100
 85 60.7 46.8 86.8

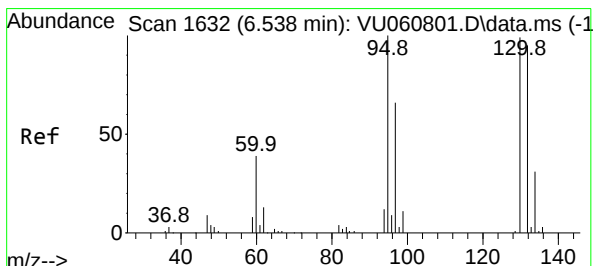
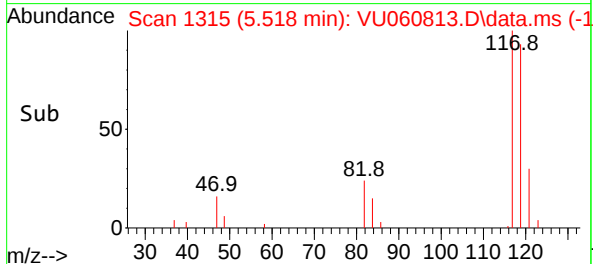
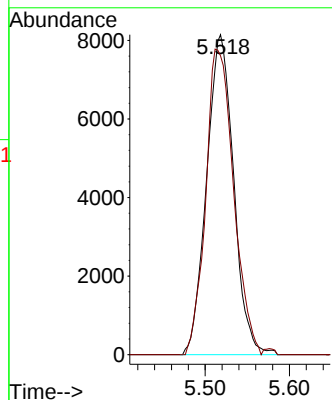
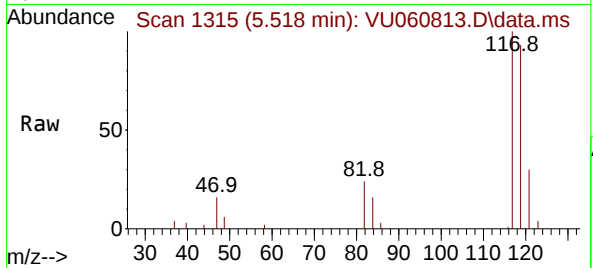




#31
Carbon tetrachloride
Concen: 0.999 ug/L
RT: 5.518 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU060813.D
Acq: 17 Sep 2024 05:31

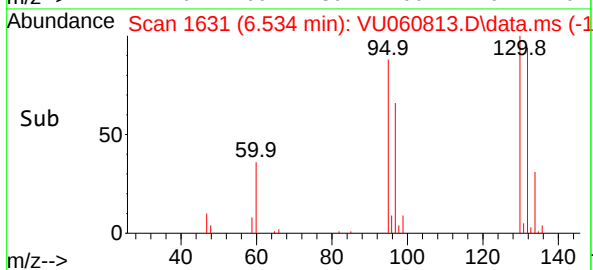
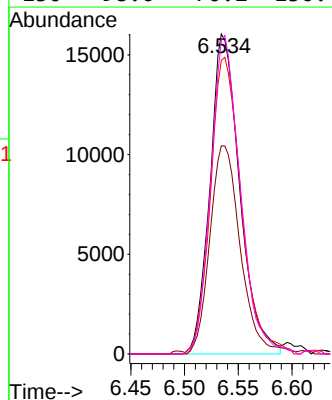
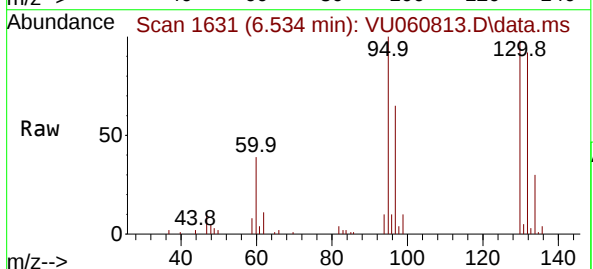
Instrument :
MSVOA_U
ClientSampleId :
C0B48

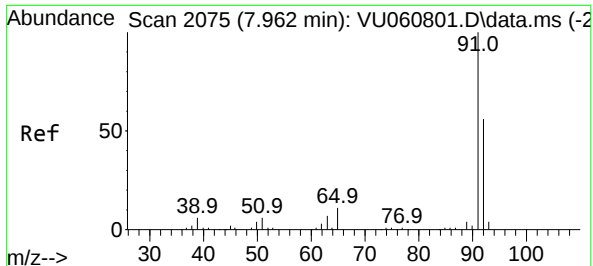
Tgt Ion:117 Resp: 18141
Ion Ratio Lower Upper
117 100
119 98.7 76.3 114.5



#34
Trichloroethene
Concen: 2.251 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU060813.D
Acq: 17 Sep 2024 05:31

Tgt Ion: 95 Resp: 30816
Ion Ratio Lower Upper
95 100
97 65.0 44.9 83.5
132 91.8 63.5 117.9
130 98.0 70.2 130.4





#42

Toluene

Concen: 0.571 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU060813.D

Acq: 17 Sep 2024 05:31

Instrument :

MSVOA_U

ClientSampleId :

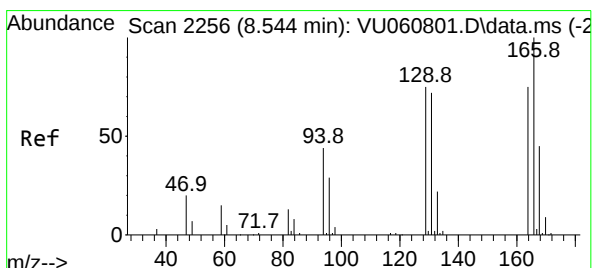
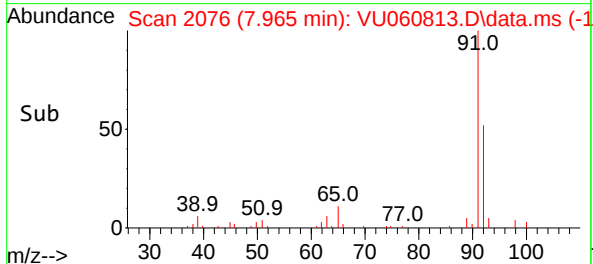
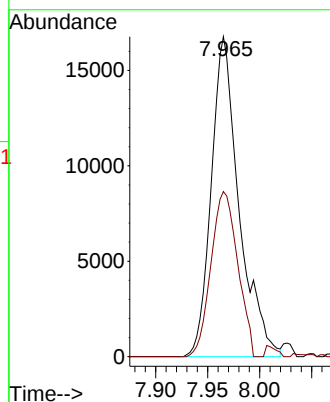
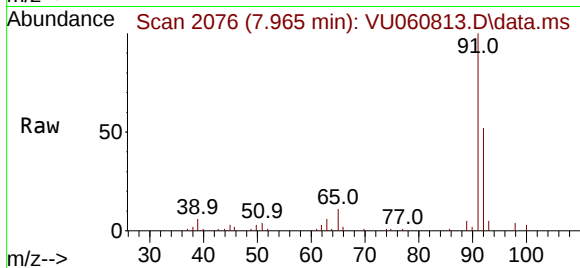
C0B48

Tgt Ion: 91 Resp: 31199

Ion Ratio Lower Upper

91 100

92 51.6 40.5 75.3



#47

Tetrachloroethene

Concen: 2.526 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.003 min

Lab File: VU060813.D

Acq: 17 Sep 2024 05:31

Tgt Ion: 164 Resp: 27474

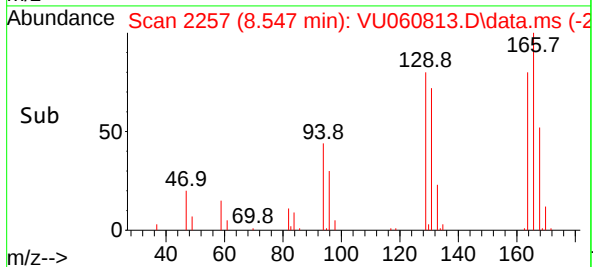
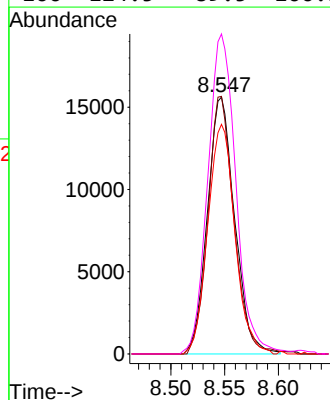
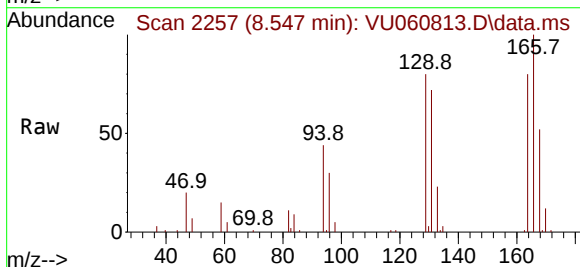
Ion Ratio Lower Upper

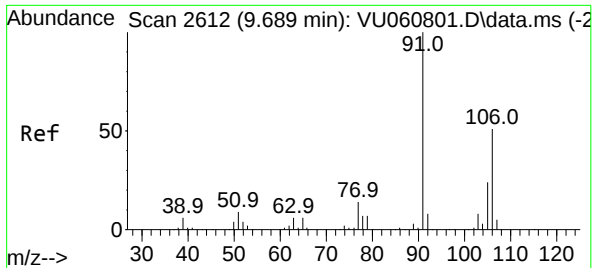
164 100

129 100.2 67.3 124.9

131 89.4 65.4 121.4

166 124.5 89.5 166.1





#53
 m,p-Xylene
 Concen: 0.115 ug/L
 RT: 9.688 min Scan# 2
 Delta R.T. -0.000 min
 Lab File: VU060813.D
 Acq: 17 Sep 2024 05:31

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B48

Tgt Ion:106 Resp: 2505
 Ion Ratio Lower Upper
 106 100
 91 208.9 139.7 259.4

