

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091724\
 Data File : VU060825.D
 Acq On : 17 Sep 2024 12:04
 Operator : MD/SY
 Sample : P3952-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B26

Quant Time: Sep 18 01:16:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 18 01:15:55 2024
 Response via : Initial Calibration

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

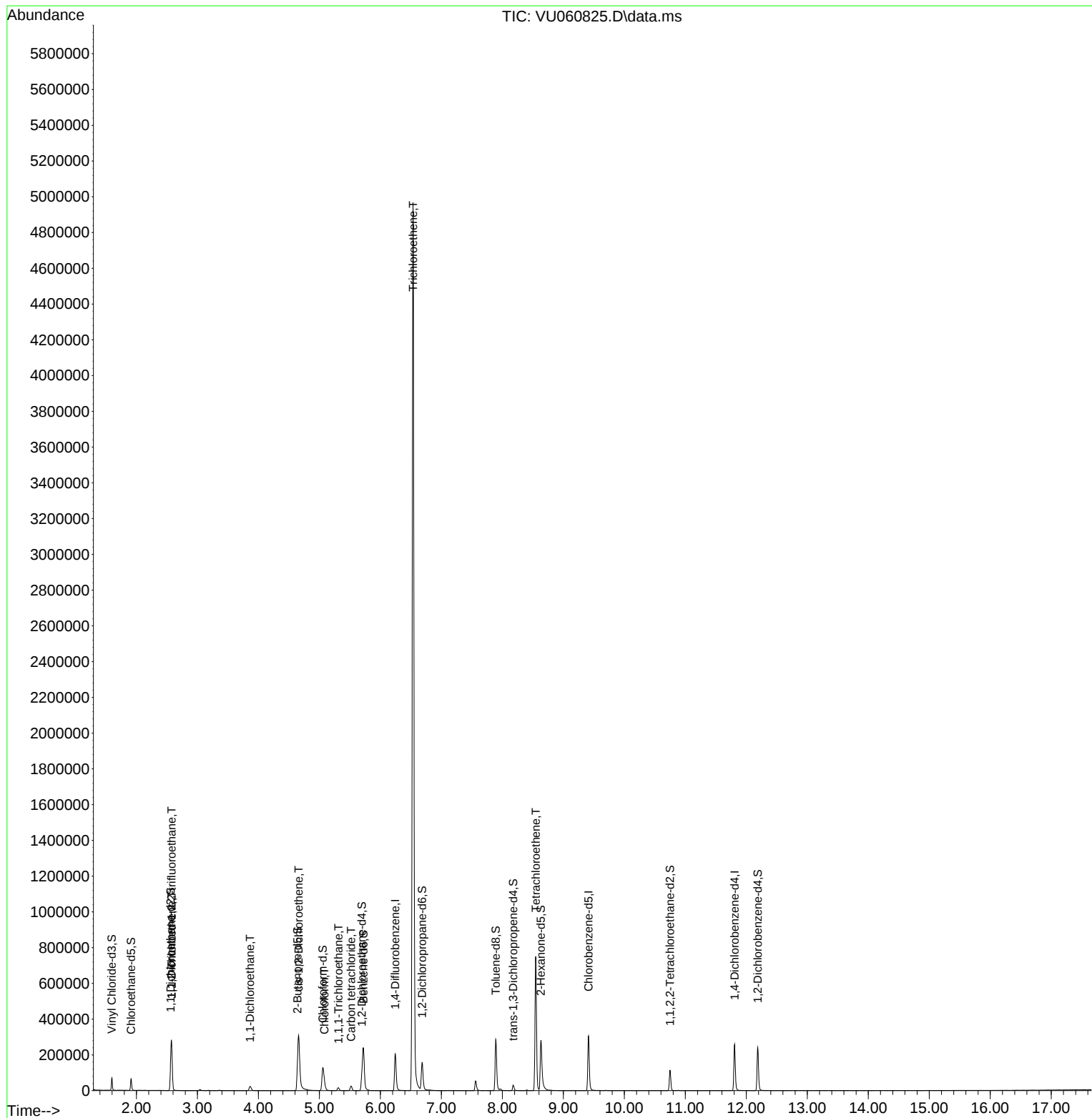
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	178993	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	188987	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	76865	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	49047	3.047	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.000%
7) Chloroethane-d5	1.911	69	49479	4.317	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.560	65	23350	4.092	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	4.641	46	141296	54.670	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.340%
24) Chloroform-d	5.055	84	119800	4.868	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.695	65	60711	5.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.721	84	241117	4.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.685	67	81187	5.180	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.891	98	206964	4.482	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.177	79	20414	3.619	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.400%
46) 2-Hexanone-d5	8.631	63	110747	49.766	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.540%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	62524	5.092	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	71057	5.502	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.000%
Target Compounds						
						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	16235	1.317	ug/L	98
12) 1,1-Dichloroethene	2.576	96	65073	5.780	ug/L	80
19) 1,1-Dichloroethane	3.862	63	29763	1.271	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	145396	11.260	ug/L	95
25) Chloroform	5.081	83	32633	1.336	ug/L	96
29) 1,1,1-Trichloroethane	5.313	97	12281	0.602	ug/L	97
31) Carbon tetrachloride	5.518	117	18692	1.035	ug/L	97
34) Trichloroethene	6.534	95	1753000	128.685	ug/L	97
47) Tetrachloroethene	8.547	164	178509	16.489	ug/L	97

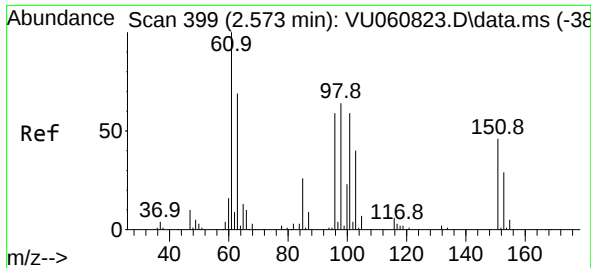
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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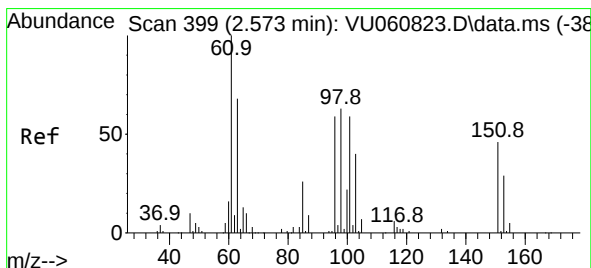
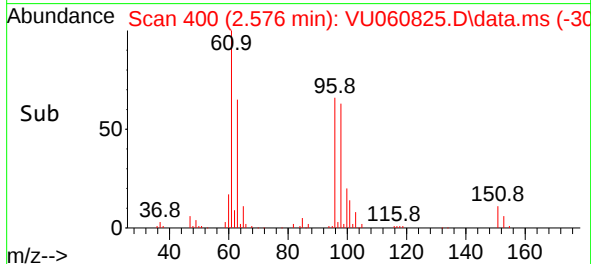
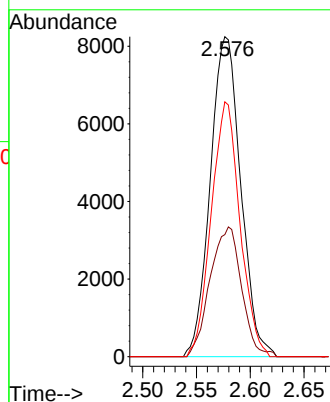
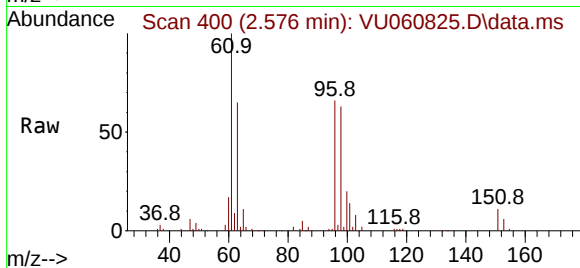




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.317 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU060825.D
 Acq: 17 Sep 2024 12:04

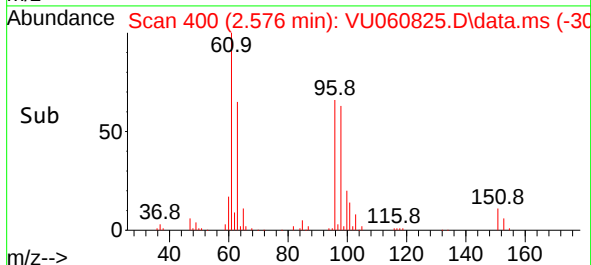
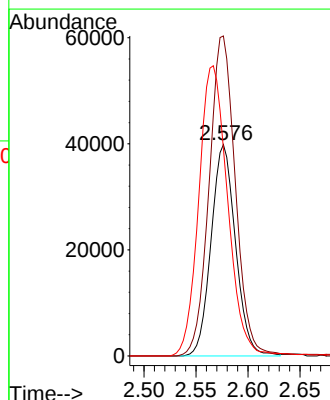
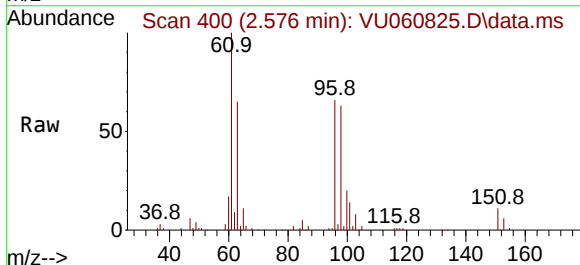
Instrument :
 MSVOA_U
 ClientSampleId :
 C0B26

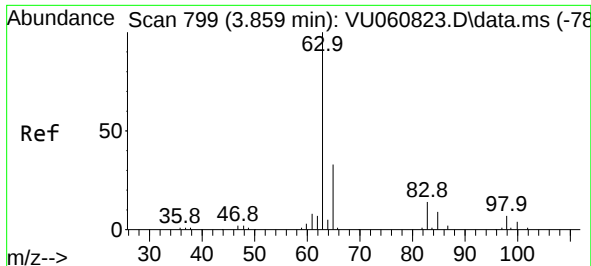
Tgt Ion:101 Resp: 16235
 Ion Ratio Lower Upper
 101 100
 85 41.8 34.2 51.4
 151 75.0 58.6 88.0



#12
 1,1-Dichloroethene
 Concen: 5.780 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU060825.D
 Acq: 17 Sep 2024 12:04

Tgt Ion: 96 Resp: 65073
 Ion Ratio Lower Upper
 96 100
 61 151.4 120.7 224.1
 63 98.2 90.0 167.2





#19

1,1-Dichloroethane

Concen: 1.271 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU060825.D

Acq: 17 Sep 2024 12:04

Instrument :

MSVOA_U

ClientSampleId :

C0B26

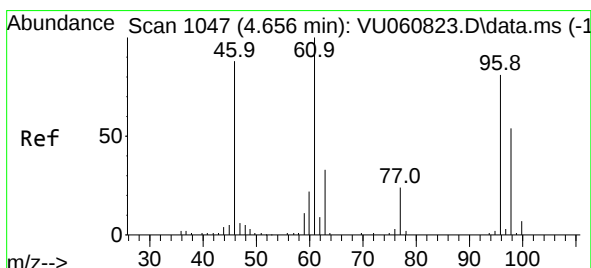
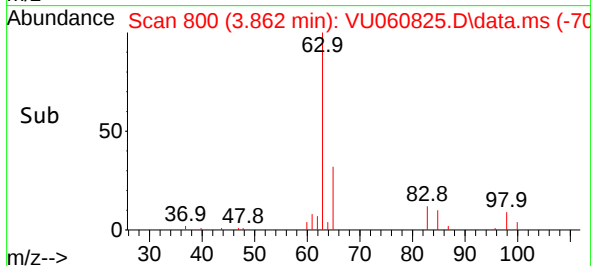
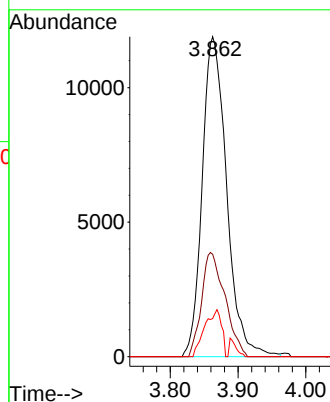
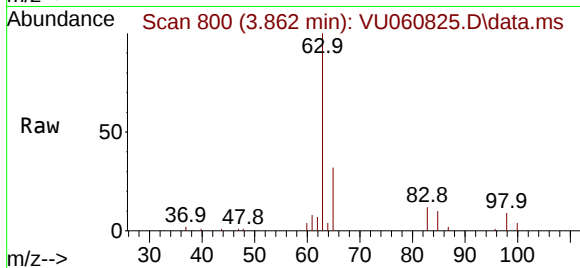
Tgt Ion: 63 Resp: 29763

Ion Ratio Lower Upper

63 100

65 32.0 23.0 42.8

83 11.9 9.0 16.6



#22

cis-1,2-Dichloroethene

Concen: 11.260 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU060825.D

Acq: 17 Sep 2024 12:04

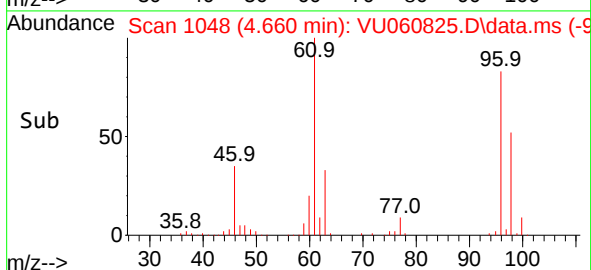
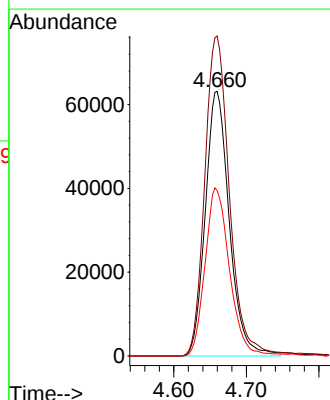
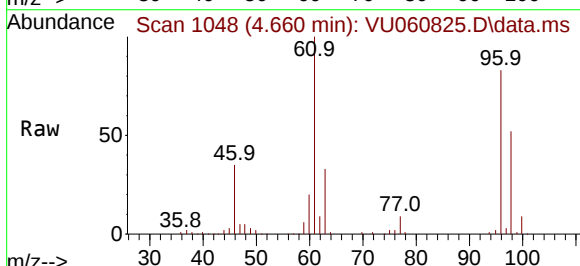
Tgt Ion: 96 Resp: 145396

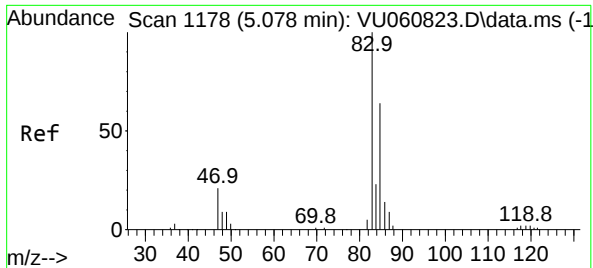
Ion Ratio Lower Upper

96 100

61 120.9 89.7 166.5

98 62.5 45.1 83.9





#25

Chloroform

Concen: 1.336 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU060825.D

Acq: 17 Sep 2024 12:04

Instrument :

MSVOA_U

ClientSampleId :

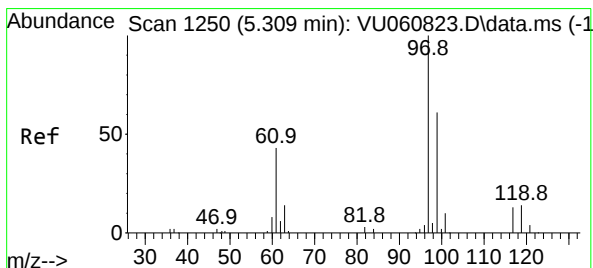
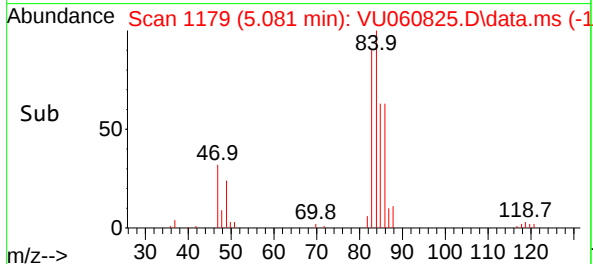
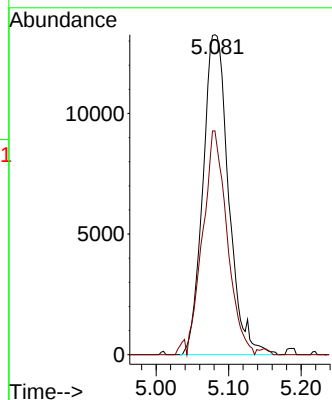
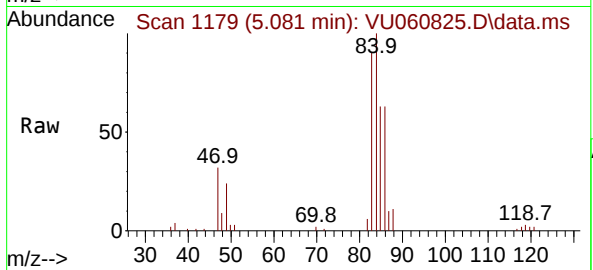
C0B26

Tgt Ion: 83 Resp: 32633

Ion Ratio Lower Upper

83 100

85 70.0 46.8 86.8



#29

1,1,1-Trichloroethane

Concen: 0.602 ug/L

RT: 5.313 min Scan# 1251

Delta R.T. 0.003 min

Lab File: VU060825.D

Acq: 17 Sep 2024 12:04

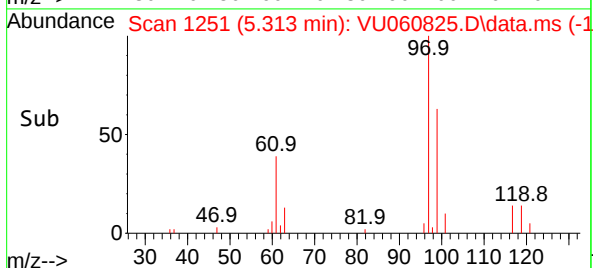
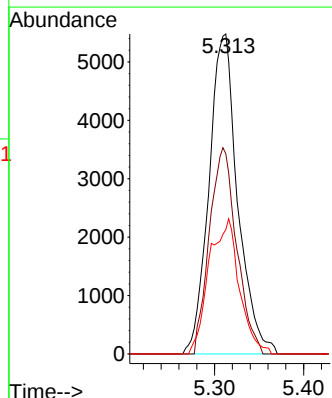
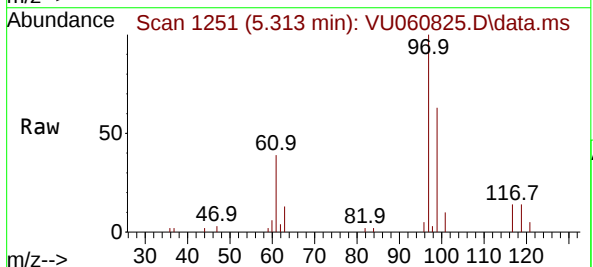
Tgt Ion: 97 Resp: 12281

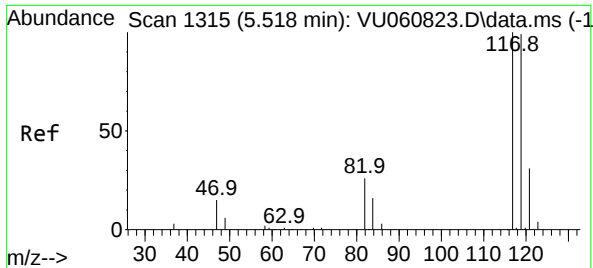
Ion Ratio Lower Upper

97 100

99 61.1 50.5 75.7

61 44.5 34.4 51.6

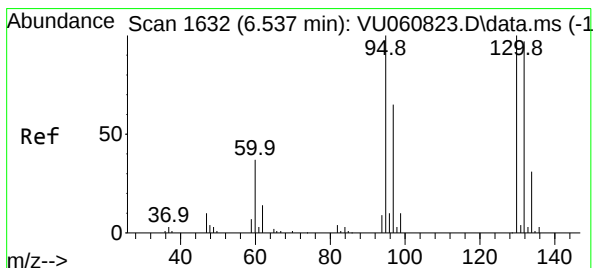
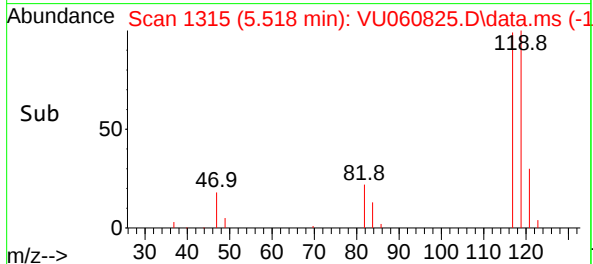
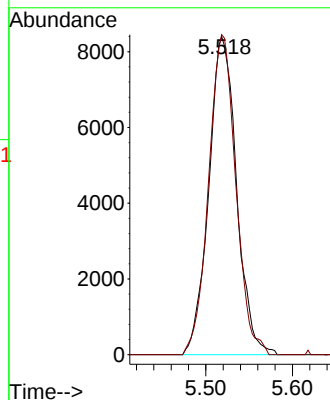
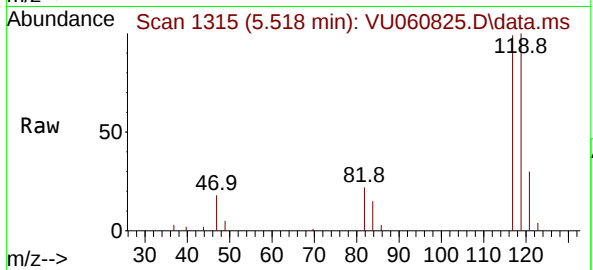




#31
Carbon tetrachloride
Concen: 1.035 ug/L
RT: 5.518 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU060825.D
Acq: 17 Sep 2024 12:04

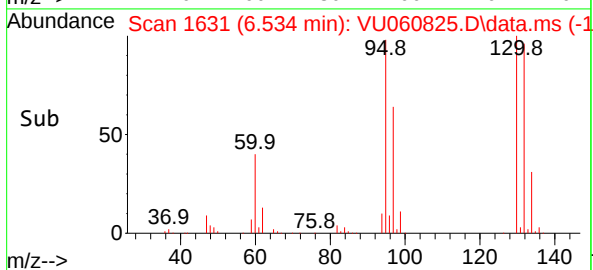
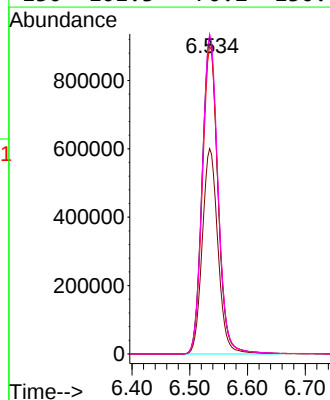
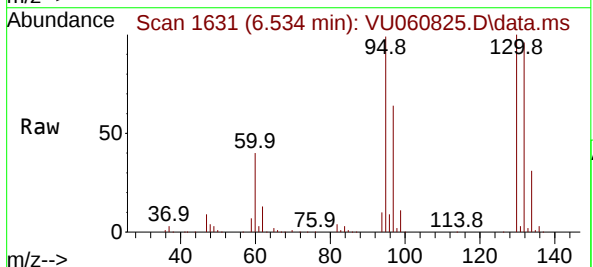
Instrument :
MSVOA_U
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C0B26

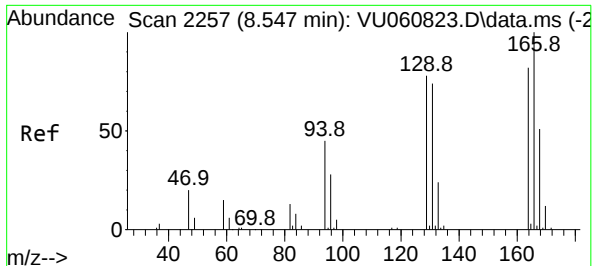
Tgt Ion:117 Resp: 18692
Ion Ratio Lower Upper
117 100
119 98.6 76.3 114.5



#34
Trichloroethene
Concen: 128.685 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU060825.D
Acq: 17 Sep 2024 12:04

Tgt Ion: 95 Resp: 1753000
Ion Ratio Lower Upper
95 100
97 65.0 44.9 83.5
132 97.5 63.5 117.9
130 101.3 70.2 130.4





#47
 Tetrachloroethene
 Concen: 16.489 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU060825.D
 Acq: 17 Sep 2024 12:04

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:164 Resp: 178509

Ion	Ratio	Lower	Upper
164	100		
129	94.7	67.3	124.9
131	90.5	65.4	121.4
166	123.9	89.5	166.1

