

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091724\
 Data File : VU060830.D
 Acq On : 17 Sep 2024 14:05
 Operator : MD/SY
 Sample : P3967-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 18 01:18:04 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

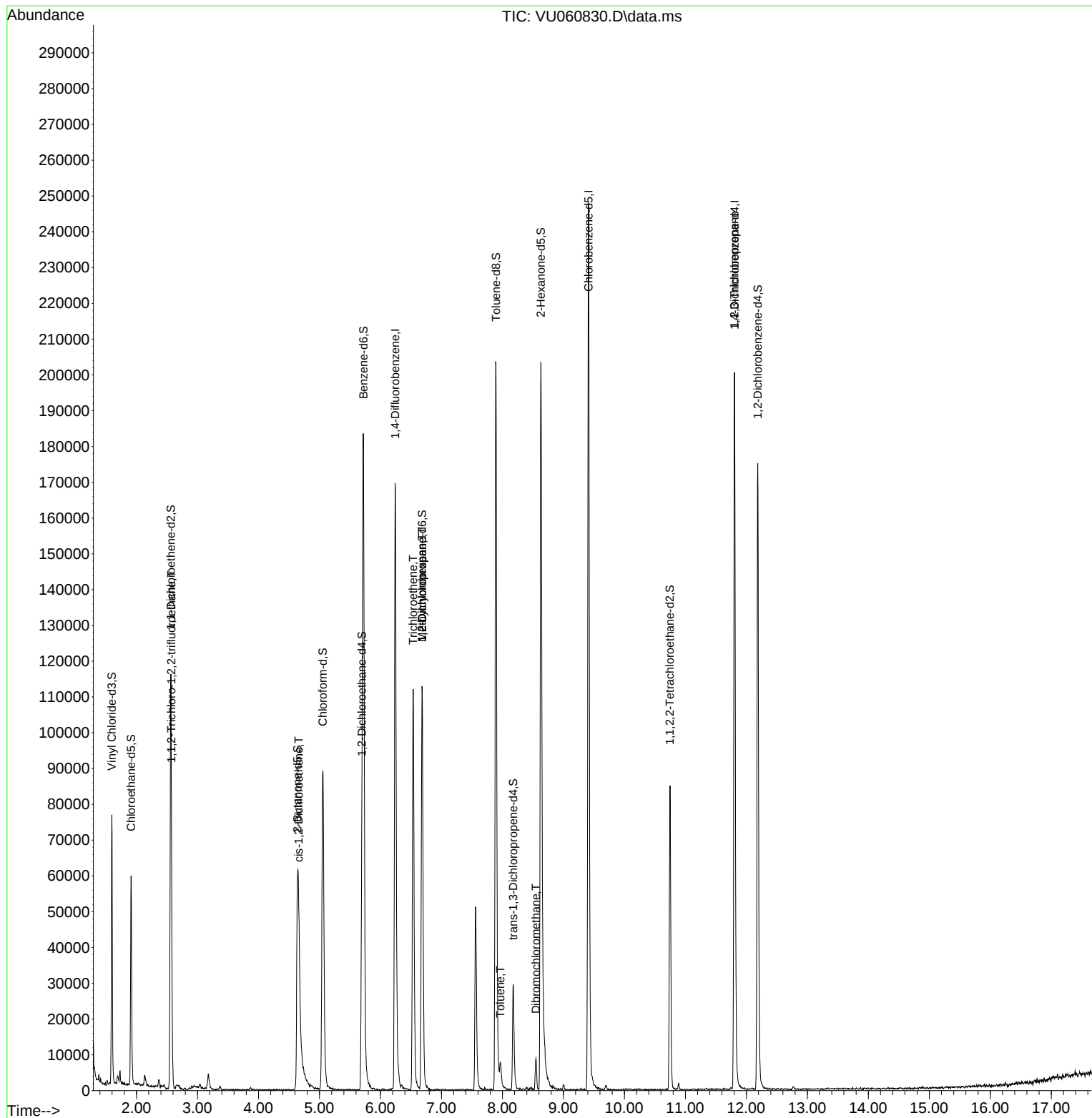
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	148084	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	157783	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	63042	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	53043	3.982	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.600%
7) Chloroethane-d5	1.911	69	43018	4.536	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.563	65	20708	4.387	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	4.640	46	96743	45.245	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.480%
24) Chloroform-d	5.055	84	91677	4.502	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.695	65	46773	4.806	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.721	84	181570	4.293	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.682	67	60151	4.597	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.894	98	151074	3.918	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	8.177	79	20564	4.366	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.630	63	79192	42.624	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.240%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	46280	4.515	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	53992	5.097	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	5323	0.522	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	8284	0.775	ug/L	86
34) Trichloroethene	6.537	95	40097	3.526	ug/L	96
35) Methylcyclohexane	6.682	83	12545	0.804	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	5948	0.498	ug/L #	93
42) Toluene	7.965	91	5324	0.117	ug/L	95
49) Dibromochloromethane	8.550	129	2042	0.208	ug/L #	9
61) 1,2,3-Trichloropropane	11.804	75	7011	1.192	ug/L #	67

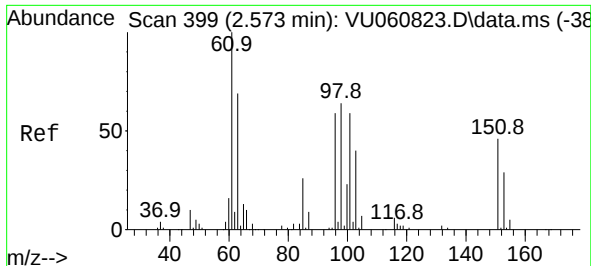
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091724\
Data File : VU060830.D
Acq On : 17 Sep 2024 14:05
Operator : MD/SY
Sample : P3967-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 18 01:18:04 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

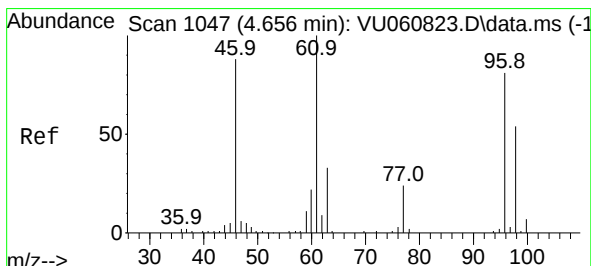
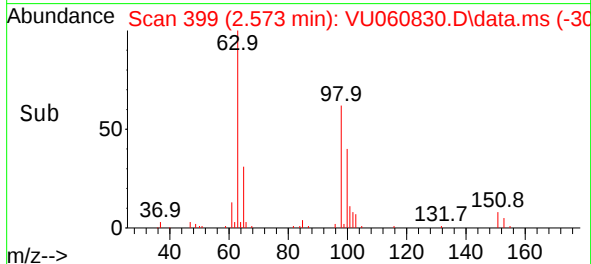
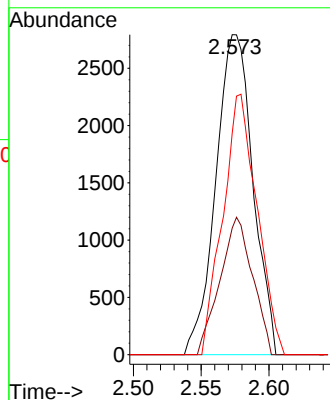
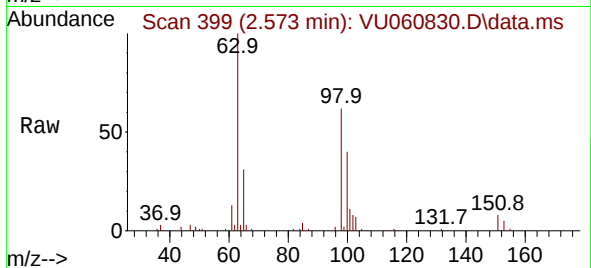




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.522 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060830.D
Acq: 17 Sep 2024 14:05

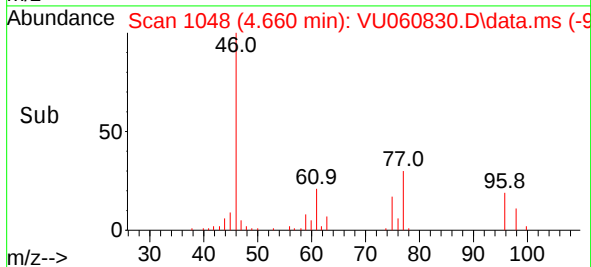
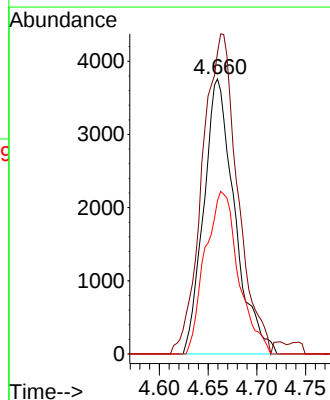
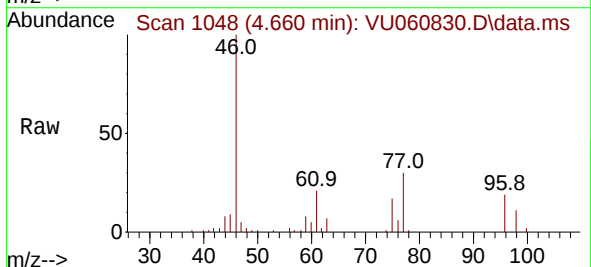
Instrument :
MSVOA_U
ClientSampleId :

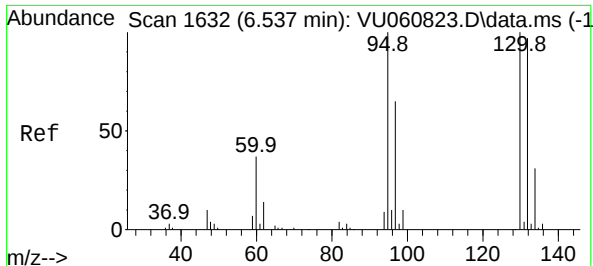
Tgt Ion:101 Resp: 5323
Ion Ratio Lower Upper
101 100
85 37.6 34.2 51.4
151 75.0 58.6 88.0



#22
cis-1,2-Dichloroethene
Concen: 0.775 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU060830.D
Acq: 17 Sep 2024 14:05

Tgt Ion: 96 Resp: 8284
Ion Ratio Lower Upper
96 100
61 109.6 89.7 166.5
98 55.7 45.1 83.9





#34

Trichloroethene

Concen: 3.526 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

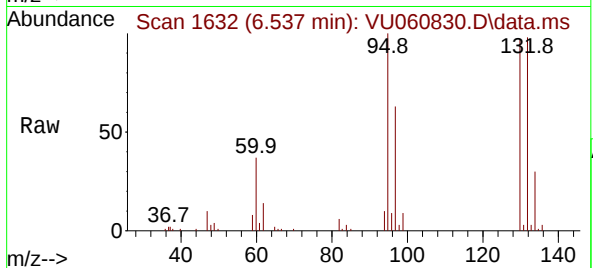
Lab File: VU060830.D

Acq: 17 Sep 2024 14:05

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 40097

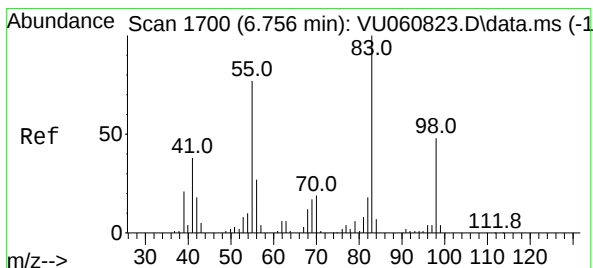
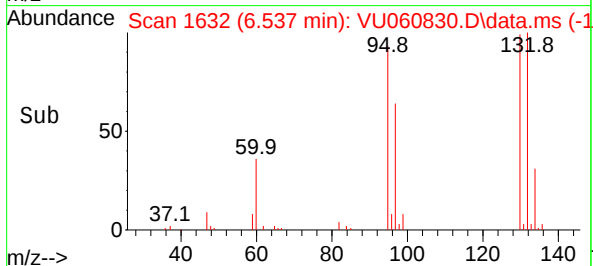
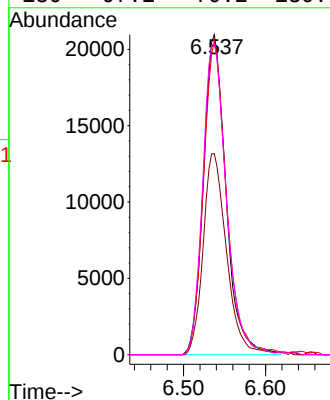
Ion Ratio Lower Upper

95 100

97 62.8 44.9 83.5

132 98.1 63.5 117.9

130 97.1 70.2 130.4



#35

Methylcyclohexane

Concen: 0.804 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU060830.D

Acq: 17 Sep 2024 14:05

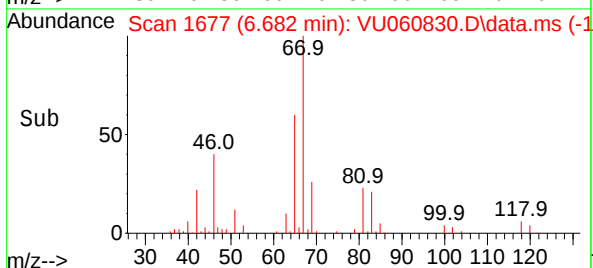
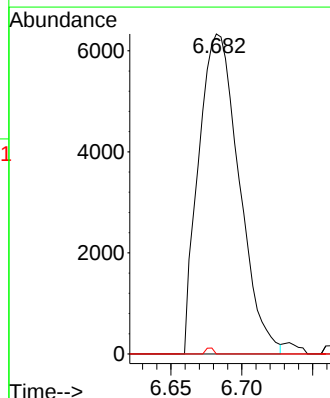
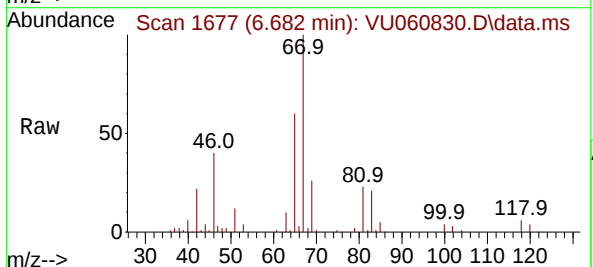
Tgt Ion: 83 Resp: 12545

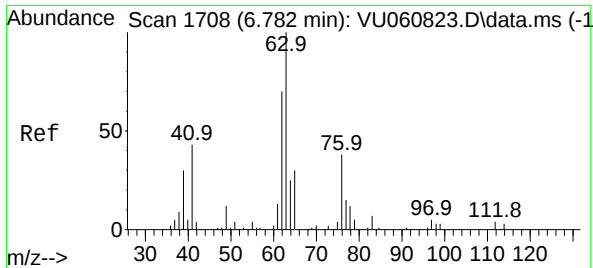
Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

98 0.0 37.6 56.4#

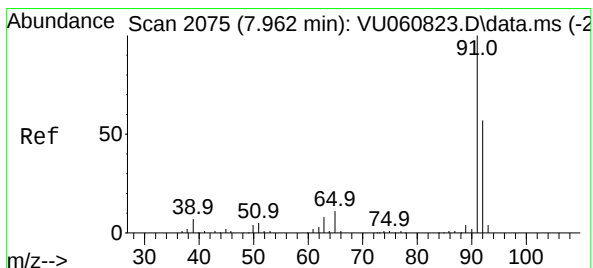
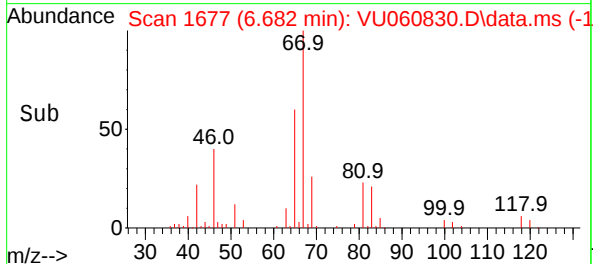
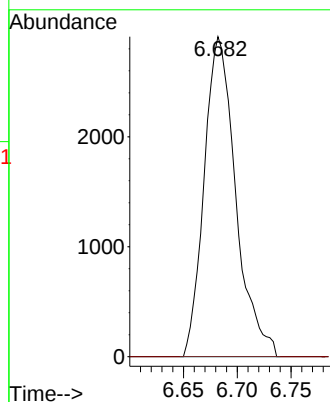
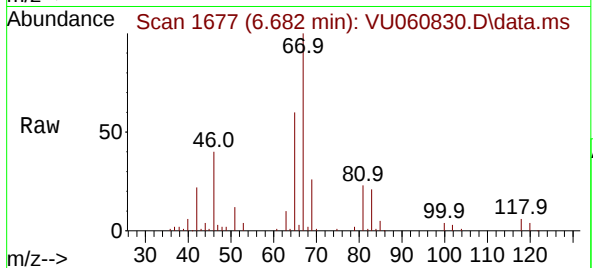




#37
1,2-Dichloropropane
Concen: 0.498 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU060830.D
Acq: 17 Sep 2024 14:05

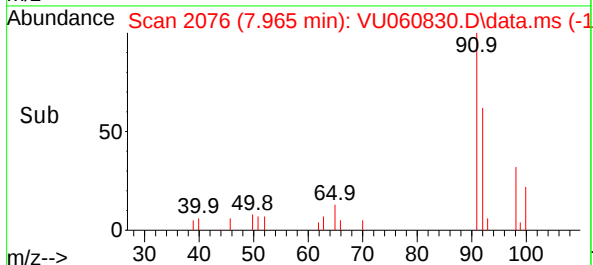
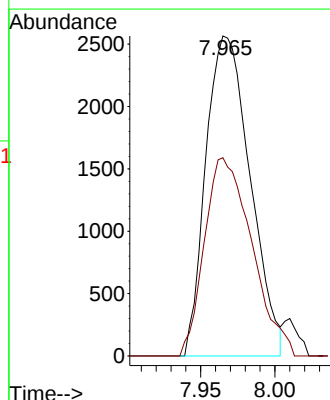
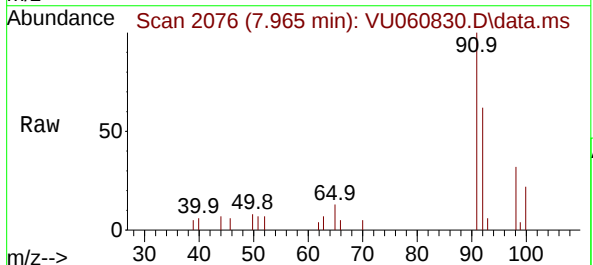
Instrument :
MSVOA_U
ClientSampleId :

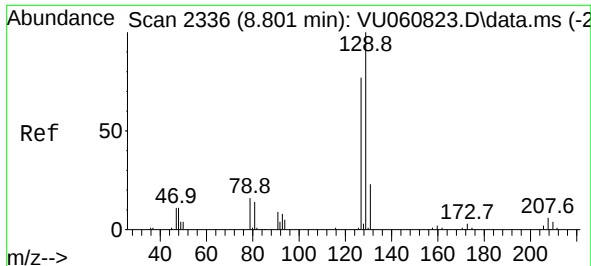
Tgt Ion: 63 Resp: 5948
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#



#42
Toluene
Concen: 0.117 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU060830.D
Acq: 17 Sep 2024 14:05

Tgt Ion: 91 Resp: 5324
Ion Ratio Lower Upper
91 100
92 62.0 40.5 75.3





#49

Dibromochloromethane

Concen: 0.208 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.251 min MSVOA_U

Lab File: VU060830.D

Acq: 17 Sep 2024 14:05

Instrument :

MSVOA_U

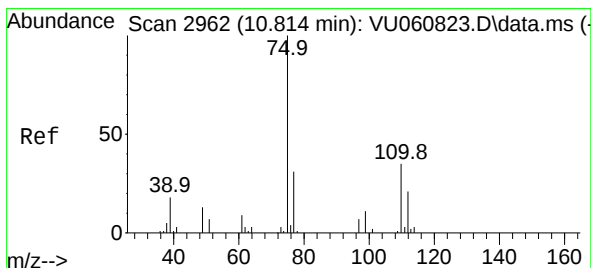
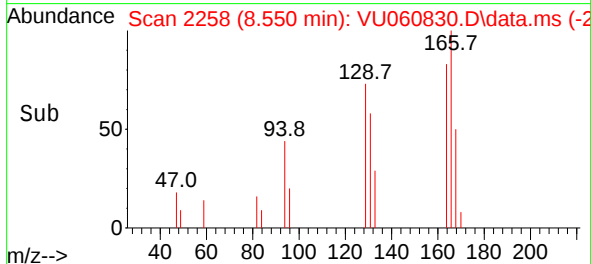
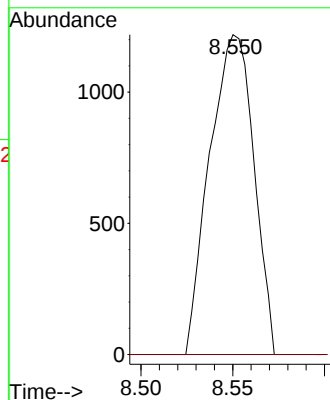
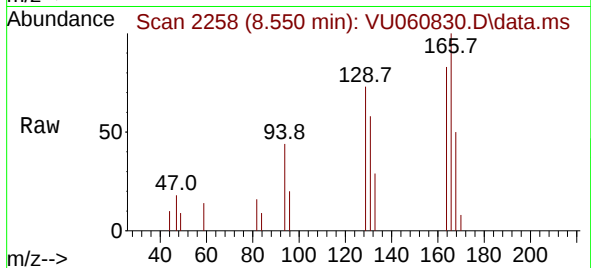
ClientSampleId :

Tgt Ion:129 Resp: 2042

Ion Ratio Lower Upper

129 100

127 0.0 56.1 104.1#



#61

1,2,3-Trichloropropane

Concen: 1.192 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU060830.D

Acq: 17 Sep 2024 14:05

Tgt Ion: 75 Resp: 7011

Ion Ratio Lower Upper

75 100

110 1.7 28.6 43.0#

77 29.7 26.3 39.5

