

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091724\
 Data File : VU060826.D
 Acq On : 17 Sep 2024 12:28
 Operator : MD/SY
 Sample : P3952-13 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 18 01:17:01 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)

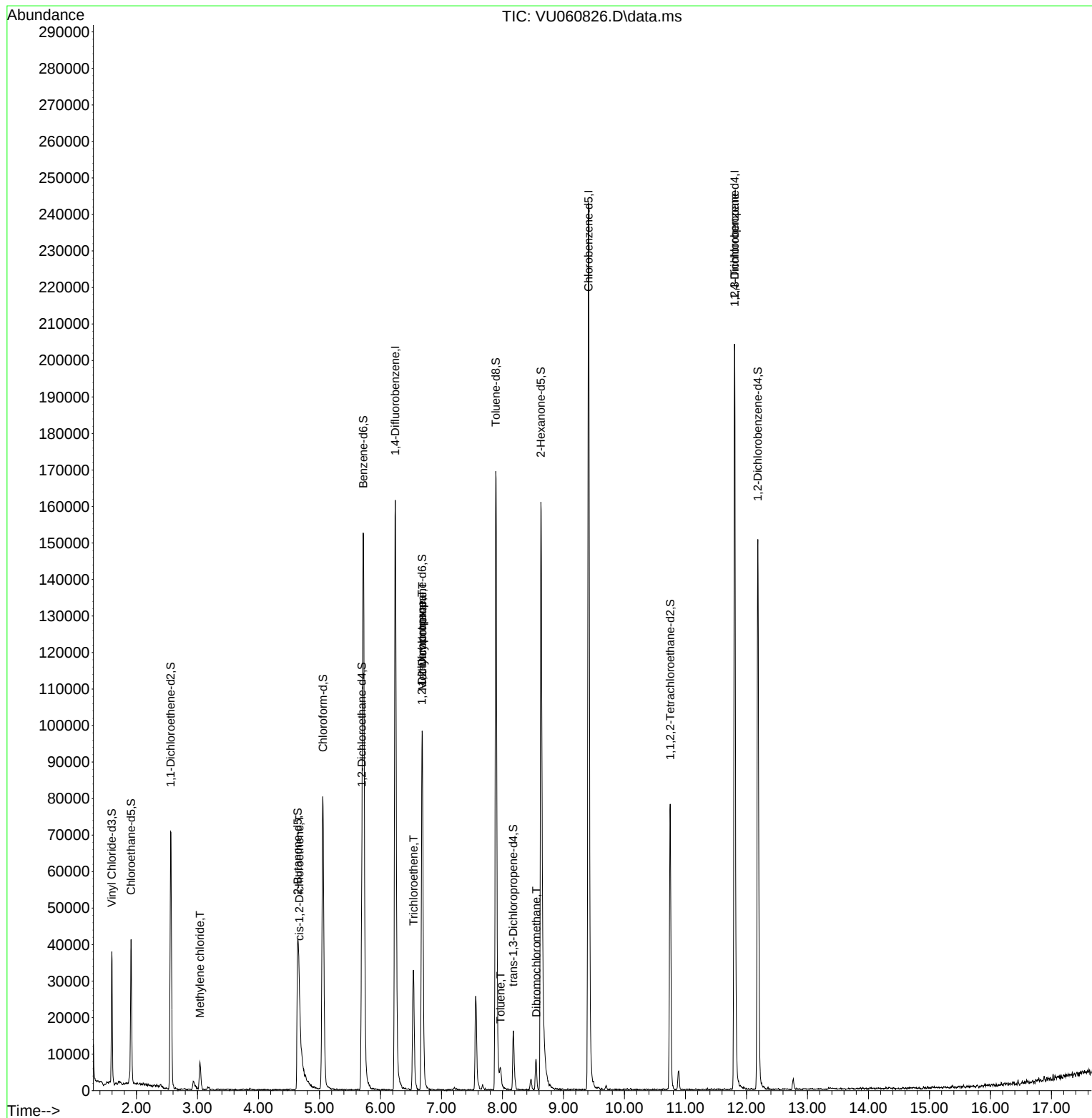
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	146575	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	155204	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	62706	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	25008	1.897	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	38.000%#
7) Chloroethane-d5	1.911	69	29195	3.110	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	62.200%#
11) 1,1-Dichloroethene-d2	2.560	65	14024	3.001	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.000%
20) 2-Butanone-d5	4.644	46	80464	38.019	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.040%
24) Chloroform-d	5.055	84	78375	3.889	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.800%
26) 1,2-Dichloroethane-d4	5.695	65	39191	4.068	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
32) Benzene-d6	5.718	84	152410	3.664	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.200%
36) 1,2-Dichloropropane-d6	6.682	67	51399	3.994	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.800%
41) Toluene-d8	7.891	98	126583	3.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.800%#
43) trans-1,3-Dichloroprop...	8.178	79	11116	2.399	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	48.000%#
46) 2-Hexanone-d5	8.631	63	62996	34.470	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.940%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	41465	4.112	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	46338	4.398	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	3775	0.354	ug/L #	82
22) cis-1,2-Dichloroethene	4.670	96	2616	0.247	ug/L	71
34) Trichloroethene	6.541	95	12078	1.080	ug/L	92
35) Methylcyclohexane	6.686	83	12107	0.789	ug/L #	18
37) 1,2-Dichloropropane	6.679	63	5005	0.426	ug/L #	93
42) Toluene	7.969	91	4938	0.111	ug/L	84
49) Dibromochloromethane	8.554	129	2086	0.216	ug/L #	9
61) 1,2,3-Trichloropropane	11.808	75	7245	1.239	ug/L #	66

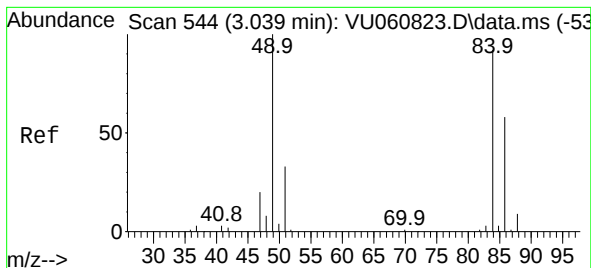
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 18 01:15:55 2024
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.354 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

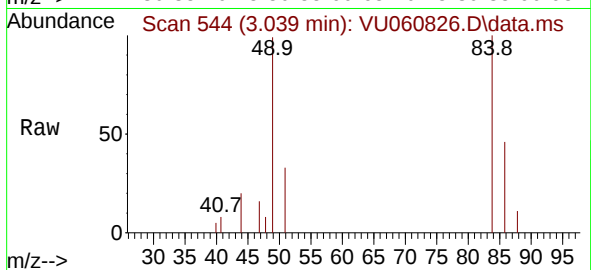
Lab File: VU060826.D

Acq: 17 Sep 2024 12:28

Instrument :

MSVOA_U

ClientSampleId :



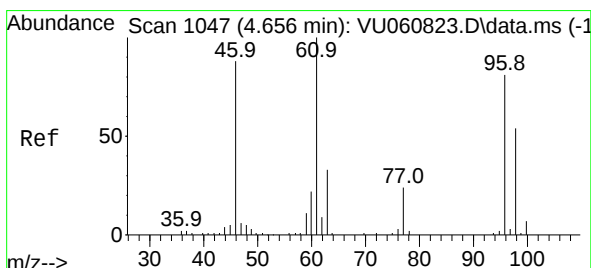
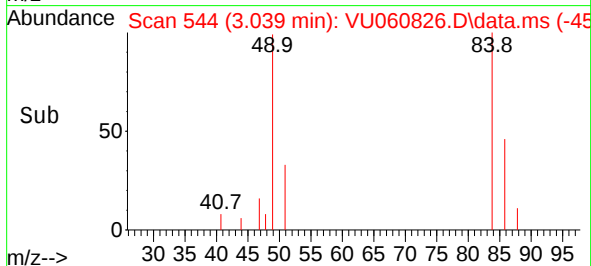
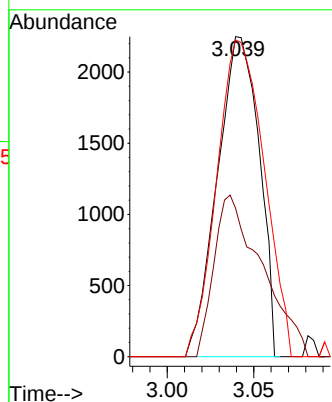
Tgt Ion: 84 Resp: 3775

Ion Ratio Lower Upper

84 100

86 46.4 47.3 87.8#

49 99.0 78.7 146.1



#22

cis-1,2-Dichloroethene

Concen: 0.247 ug/L

RT: 4.670 min Scan# 1051

Delta R.T. 0.013 min

Lab File: VU060826.D

Acq: 17 Sep 2024 12:28

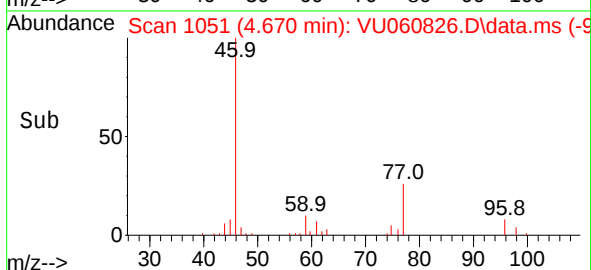
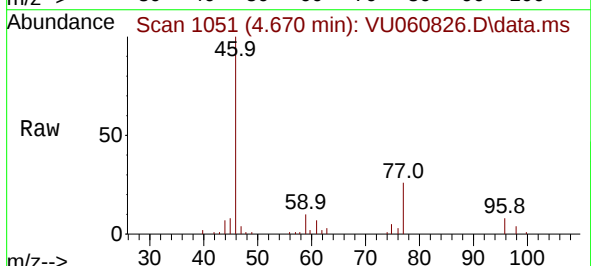
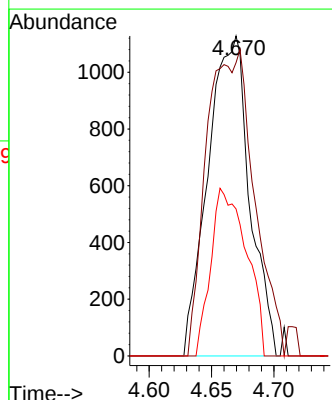
Tgt Ion: 96 Resp: 2616

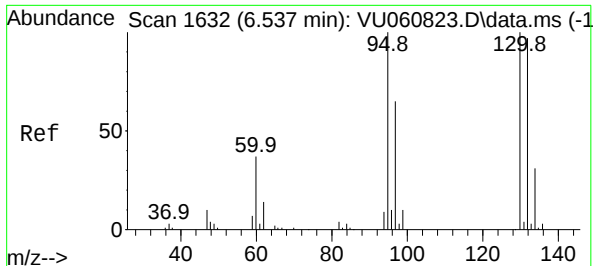
Ion Ratio Lower Upper

96 100

61 91.7 89.7 166.5

98 45.9 45.1 83.9





#34

Trichloroethene

Concen: 1.080 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.004 min

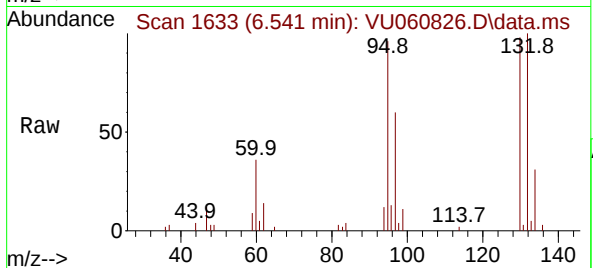
Lab File: VU060826.D

Acq: 17 Sep 2024 12:28

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 12078

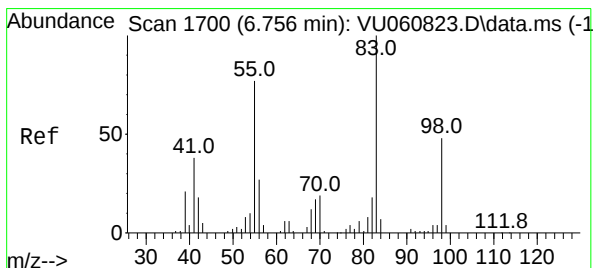
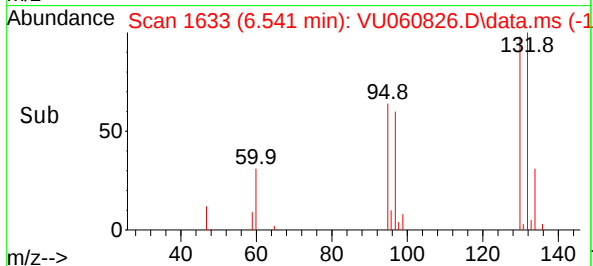
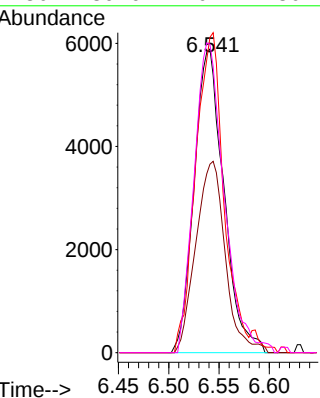
Ion Ratio Lower Upper

95 100

97 54.9 44.9 83.5

132 91.9 63.5 117.9

130 89.9 70.2 130.4



#35

Methylcyclohexane

Concen: 0.789 ug/L

RT: 6.686 min Scan# 1678

Delta R.T. -0.070 min

Lab File: VU060826.D

Acq: 17 Sep 2024 12:28

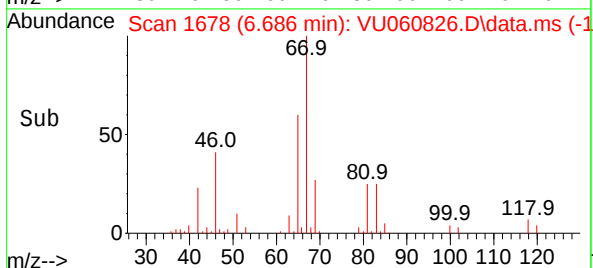
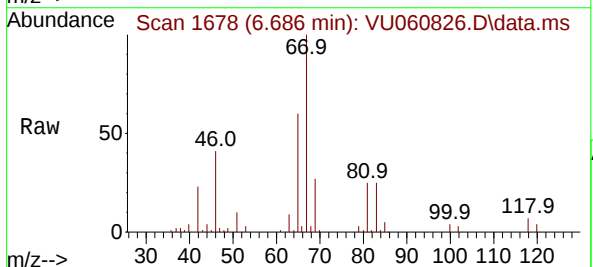
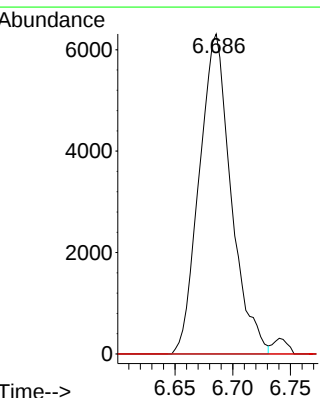
Tgt Ion: 83 Resp: 12107

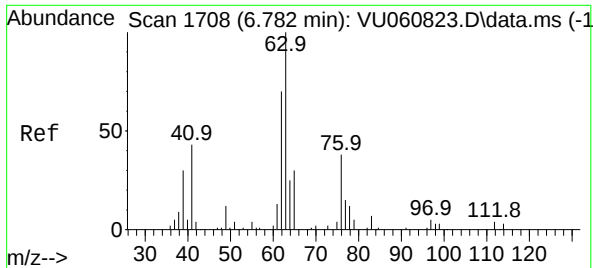
Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

98 0.3 37.6 56.4#

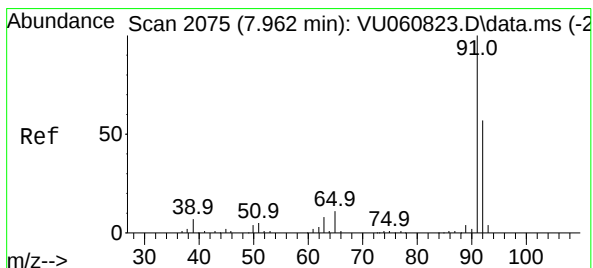
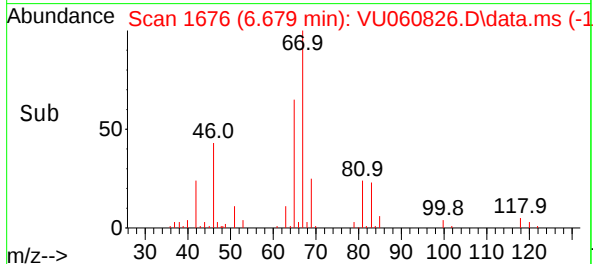
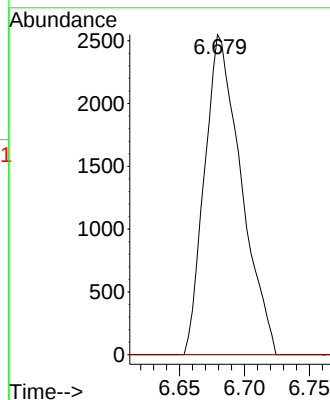
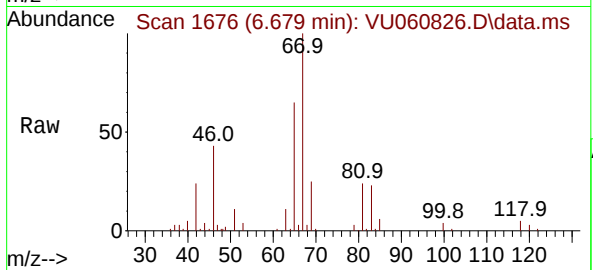




#37
1,2-Dichloropropane
Concen: 0.426 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU060826.D
Acq: 17 Sep 2024 12:28

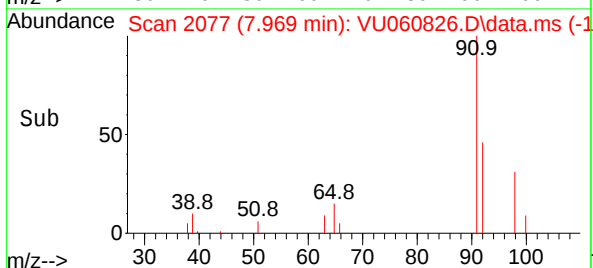
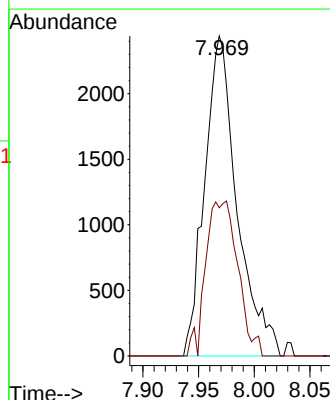
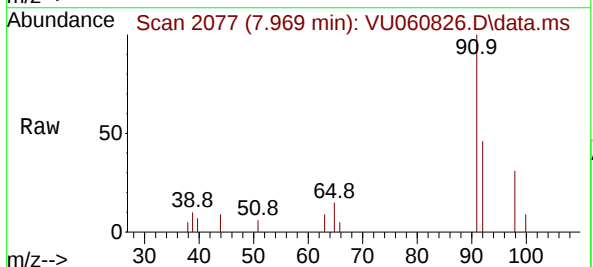
Instrument :
MSVOA_U
ClientSampleId :

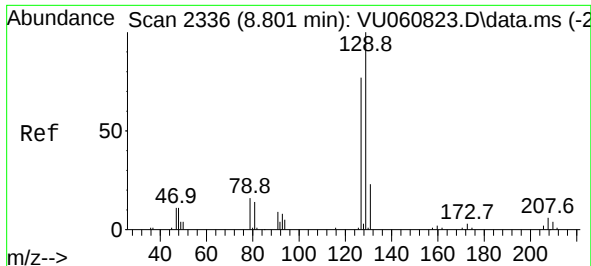
Tgt Ion: 63 Resp: 5005
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#



#42
Toluene
Concen: 0.111 ug/L
RT: 7.969 min Scan# 2077
Delta R.T. 0.007 min
Lab File: VU060826.D
Acq: 17 Sep 2024 12:28

Tgt Ion: 91 Resp: 4938
Ion Ratio Lower Upper
91 100
92 46.3 40.5 75.3





#49

Dibromochloromethane

Concen: 0.216 ug/L

RT: 8.554 min Scan# 21

Delta R.T. -0.247 min

Lab File: VU060826.D

Acq: 17 Sep 2024 12:28

Instrument :

MSVOA_U

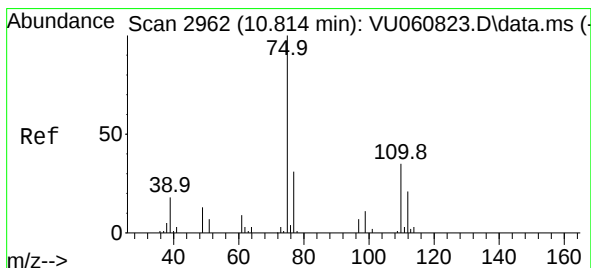
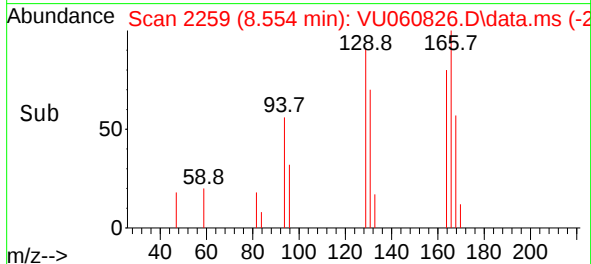
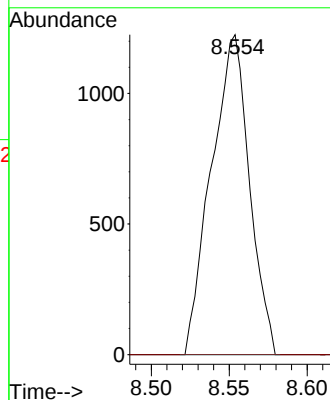
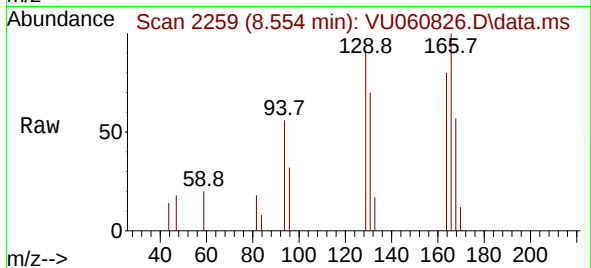
ClientSampleId :

Tgt Ion:129 Resp: 2086

Ion Ratio Lower Upper

129 100

127 0.0 56.1 104.1#



#61

1,2,3-Trichloropropane

Concen: 1.239 ug/L

RT: 11.808 min Scan# 3271

Delta R.T. 0.994 min

Lab File: VU060826.D

Acq: 17 Sep 2024 12:28

Tgt Ion: 75 Resp: 7245

Ion Ratio Lower Upper

75 100

110 1.3 28.6 43.0#

77 29.1 26.3 39.5

