

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103023\
 Data File : VU055994.D
 Acq On : 30 Oct 2023 13:59
 Operator : MD/SY
 Sample : 05113-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 31 05:30:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 31 05:28:08 2023
 Response via : Initial Calibration

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

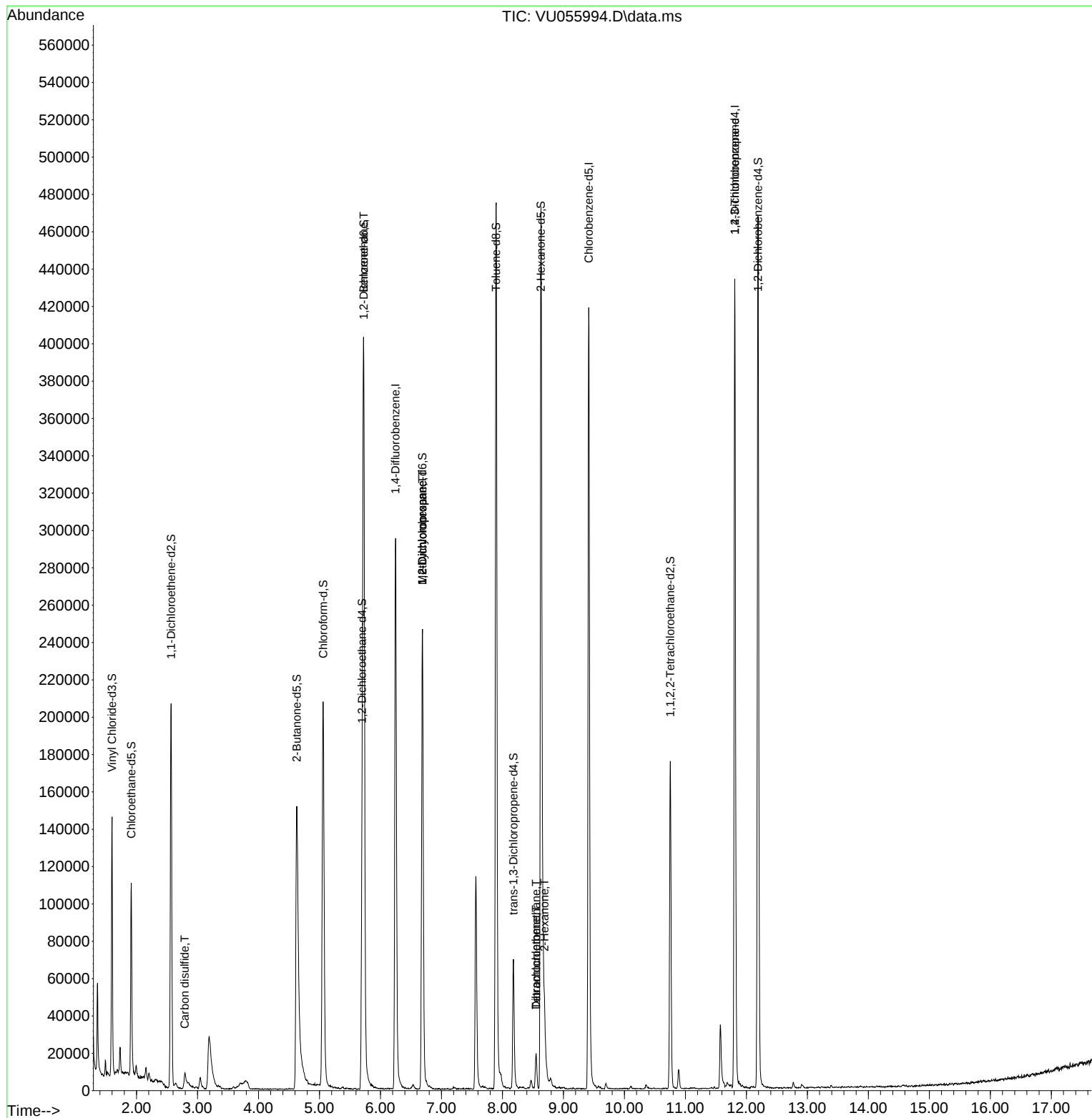
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	254569	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	257379	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	120613	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	85041	4.223	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.400%
7) Chloroethane-d5	1.914	69	79155	5.043	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	2.566	65	39927	4.670	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	4.627	46	216342	60.220	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.440%
24) Chloroform-d	5.062	84	202057	5.415	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.200%
26) 1,2-Dichloroethane-d4	5.698	65	97653	5.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	5.724	84	405833	5.293	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
36) 1,2-Dichloropropane-d6	6.688	67	124460	5.476	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.600%
41) Toluene-d8	7.894	98	345652	4.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	8.180	79	42647	4.798	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.630	63	170979	75.773	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	151.540%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	93153	5.628	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	130500	5.799	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.000%
Target Compounds						
14) Carbon disulfide	2.792	76	6046	0.191	ug/L	98
27) 1,2-Dichloroethane	5.727	62	2053	0.131	ug/L #	74
35) Methylcyclohexane	6.688	83	29122	1.358	ug/L #	18
37) 1,2-Dichloropropane	6.688	63	12943	0.858	ug/L #	90
47) Tetrachloroethene	8.553	164	4524	0.407	ug/L	98
48) 2-Hexanone	8.688	43	18228	3.189	ug/L #	90
49) Dibromochloromethane	8.553	129	4358	0.374	ug/L #	11
61) 1,2,3-Trichloropropane	11.810	75	14331	1.731	ug/L #	67

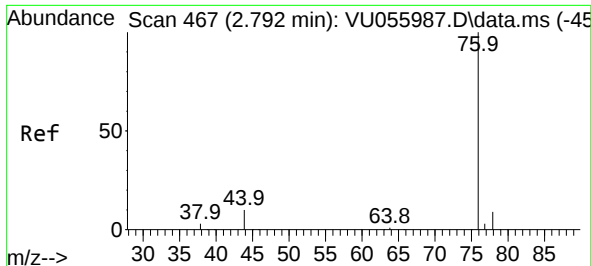
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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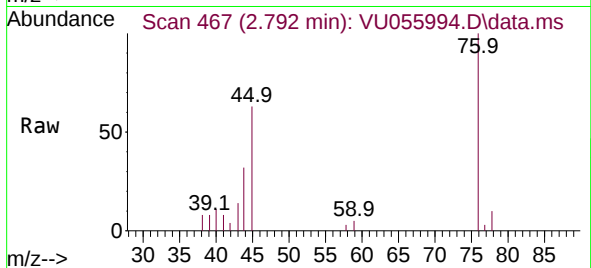
Quant Time: Oct 31 05:30:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
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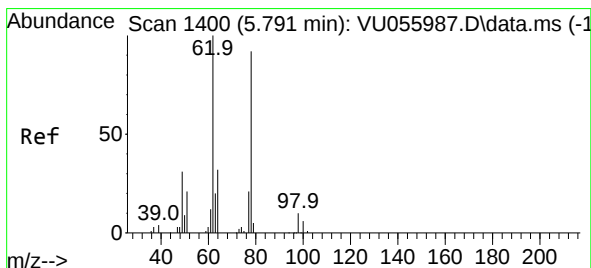
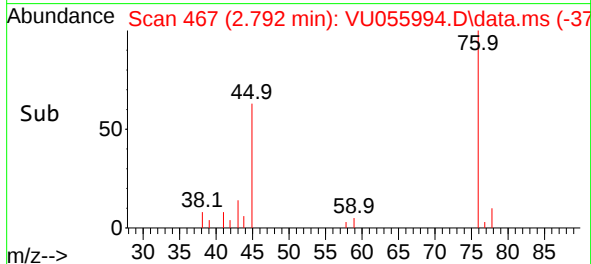
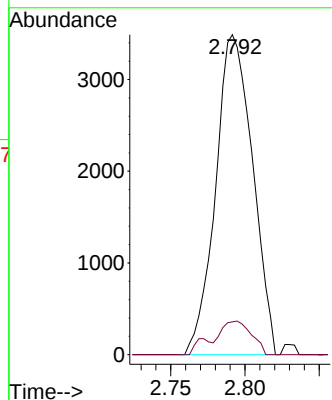


#14
Carbon disulfide
Concen: 0.191 ug/L
RT: 2.792 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU055994.D
Acq: 30 Oct 2023 13:59

Instrument :
MSVOA_U
ClientSampleId :

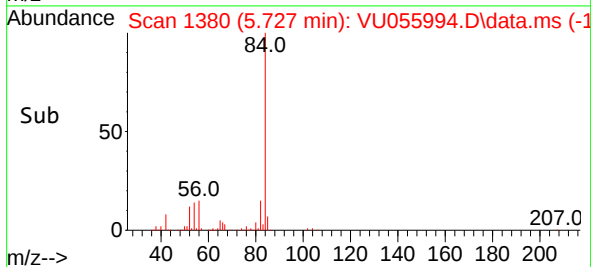
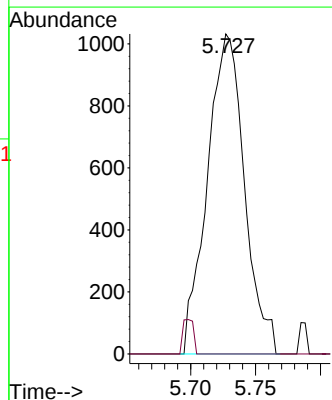
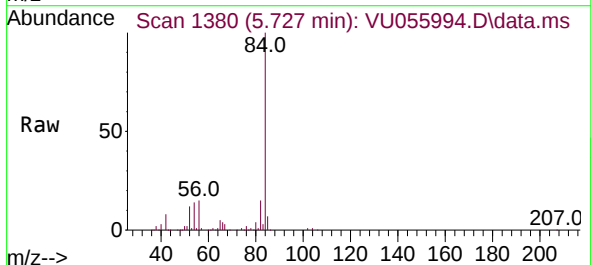


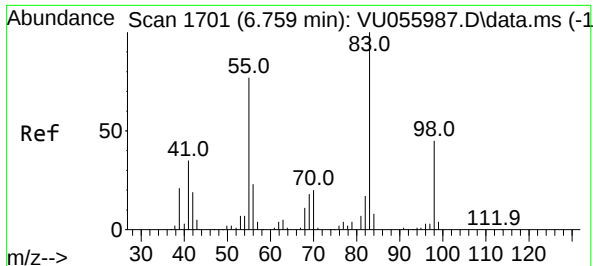
Tgt Ion: 76 Resp: 6046
Ion Ratio Lower Upper
76 100
78 10.2 7.5 11.3



#27
1,2-Dichloroethane
Concen: 0.131 ug/L
RT: 5.727 min Scan# 1380
Delta R.T. -0.064 min
Lab File: VU055994.D
Acq: 30 Oct 2023 13:59

Tgt Ion: 62 Resp: 2053
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.2#





#35

Methylcyclohexane

Concen: 1.358 ug/L

RT: 6.688 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU055994.D

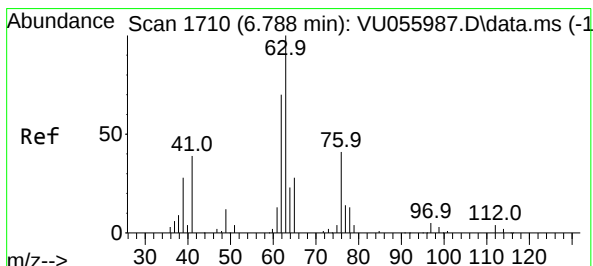
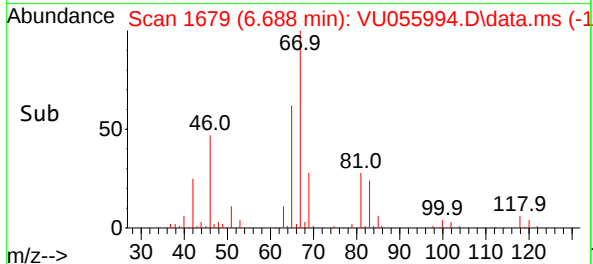
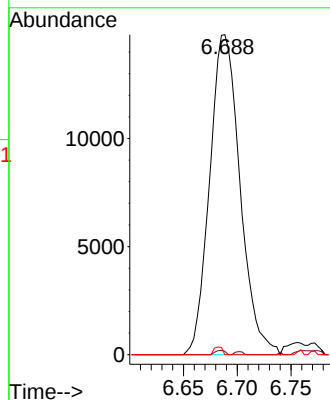
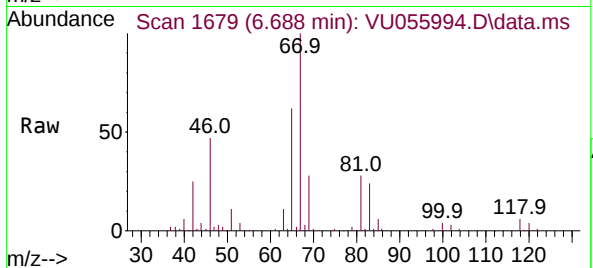
Acq: 30 Oct 2023 13:59

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 29122
Ion Ratio	Lower Upper
83 100	
55 0.4	62.4 93.6#
98 0.7	37.4 56.2#



#37

1,2-Dichloropropane

Concen: 0.858 ug/L

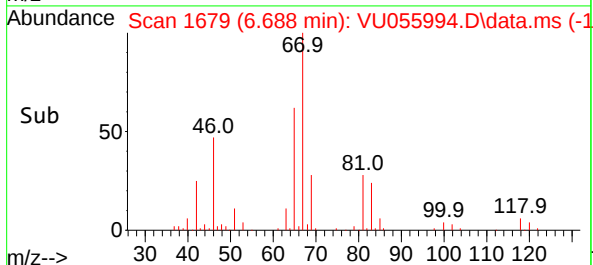
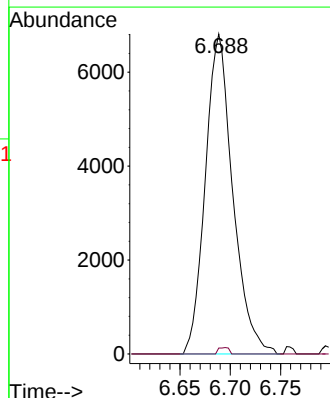
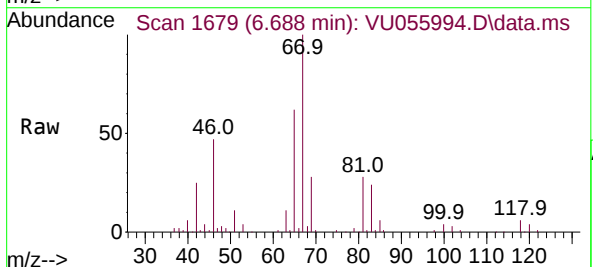
RT: 6.688 min Scan# 1679

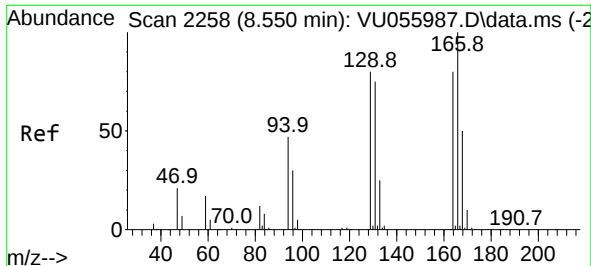
Delta R.T. -0.100 min

Lab File: VU055994.D

Acq: 30 Oct 2023 13:59

Tgt Ion: 63	Resp: 12943
Ion Ratio	Lower Upper
63 100	
112 0.8	3.1 4.7#





#47

Tetrachloroethene

Concen: 0.407 ug/L

RT: 8.553 min Scan# 21

Delta R.T. 0.003 min

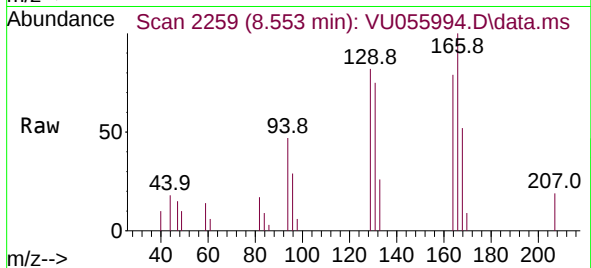
Lab File: VU055994.D

Acq: 30 Oct 2023 13:59

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 4524

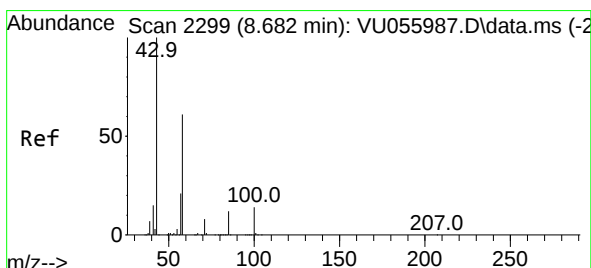
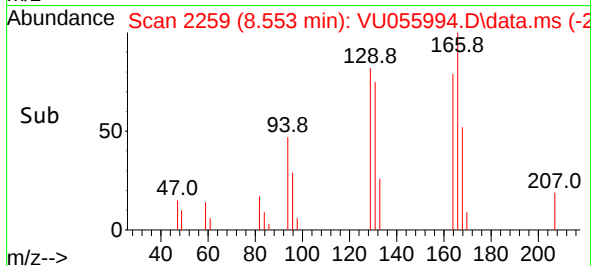
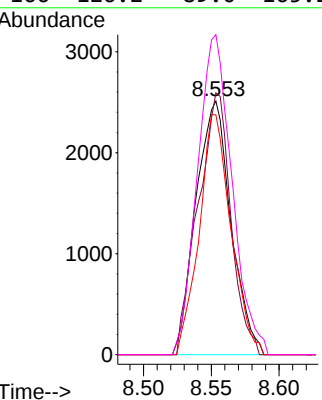
Ion Ratio Lower Upper

164 100

129 103.2 72.2 134.0

131 94.6 70.8 131.6

166 126.2 89.0 165.2



#48

2-Hexanone

Concen: 3.189 ug/L

RT: 8.688 min Scan# 2301

Delta R.T. 0.006 min

Lab File: VU055994.D

Acq: 30 Oct 2023 13:59

Tgt Ion: 43 Resp: 18228

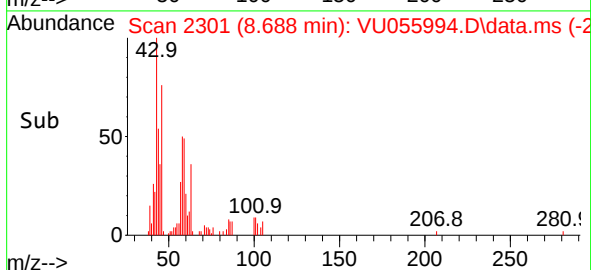
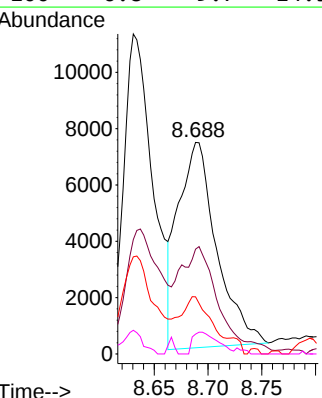
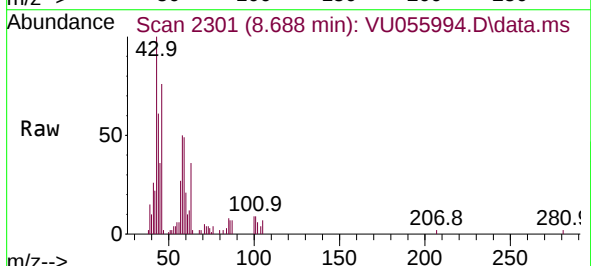
Ion Ratio Lower Upper

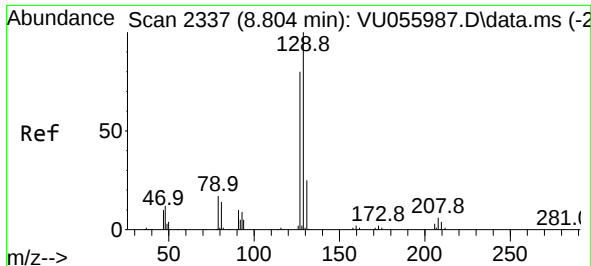
43 100

58 53.0 49.5 74.3

57 23.4 16.9 25.3

100 6.8 9.7 14.5#





#49

Dibromochloromethane

Concen: 0.374 ug/L

RT: 8.553 min Scan# 21

Delta R.T. -0.251 min

Lab File: VU055994.D

Acq: 30 Oct 2023 13:59

Instrument :

MSVOA_U

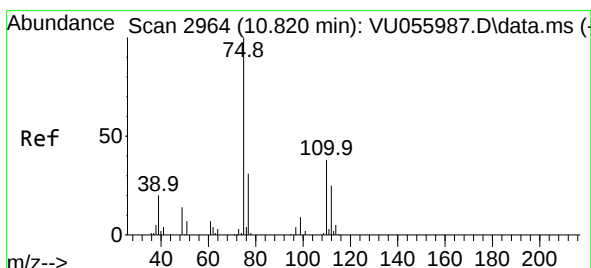
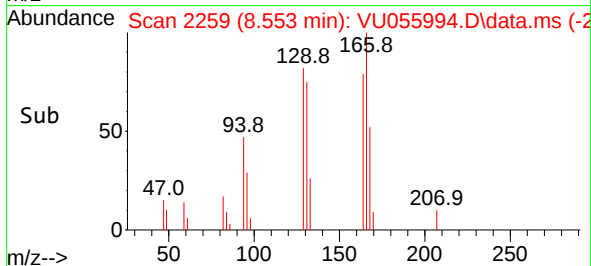
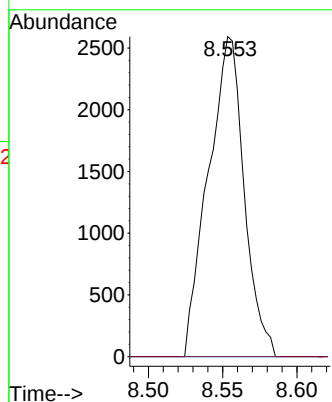
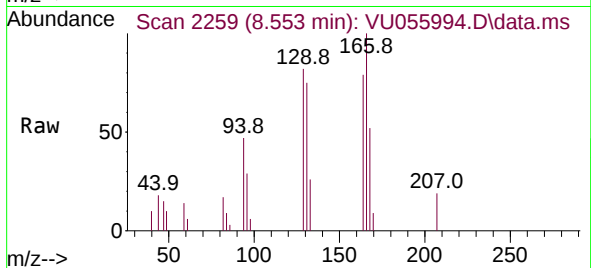
ClientSampleId :

Tgt Ion:129 Resp: 4358

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#



#61

1,2,3-Trichloropropane

Concen: 1.731 ug/L

RT: 11.810 min Scan# 3272

Delta R.T. 0.990 min

Lab File: VU055994.D

Acq: 30 Oct 2023 13:59

Tgt Ion: 75 Resp: 14331

Ion Ratio Lower Upper

75 100

110 3.2 29.0 43.6#

77 33.6 24.5 36.7

