

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083023\
 Data File : VU054994.D
 Acq On : 30 Aug 2023 13:12
 Operator : MD/SY
 Sample : 04209-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 02:35:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 31 02:34:15 2023
 Response via : Initial Calibration

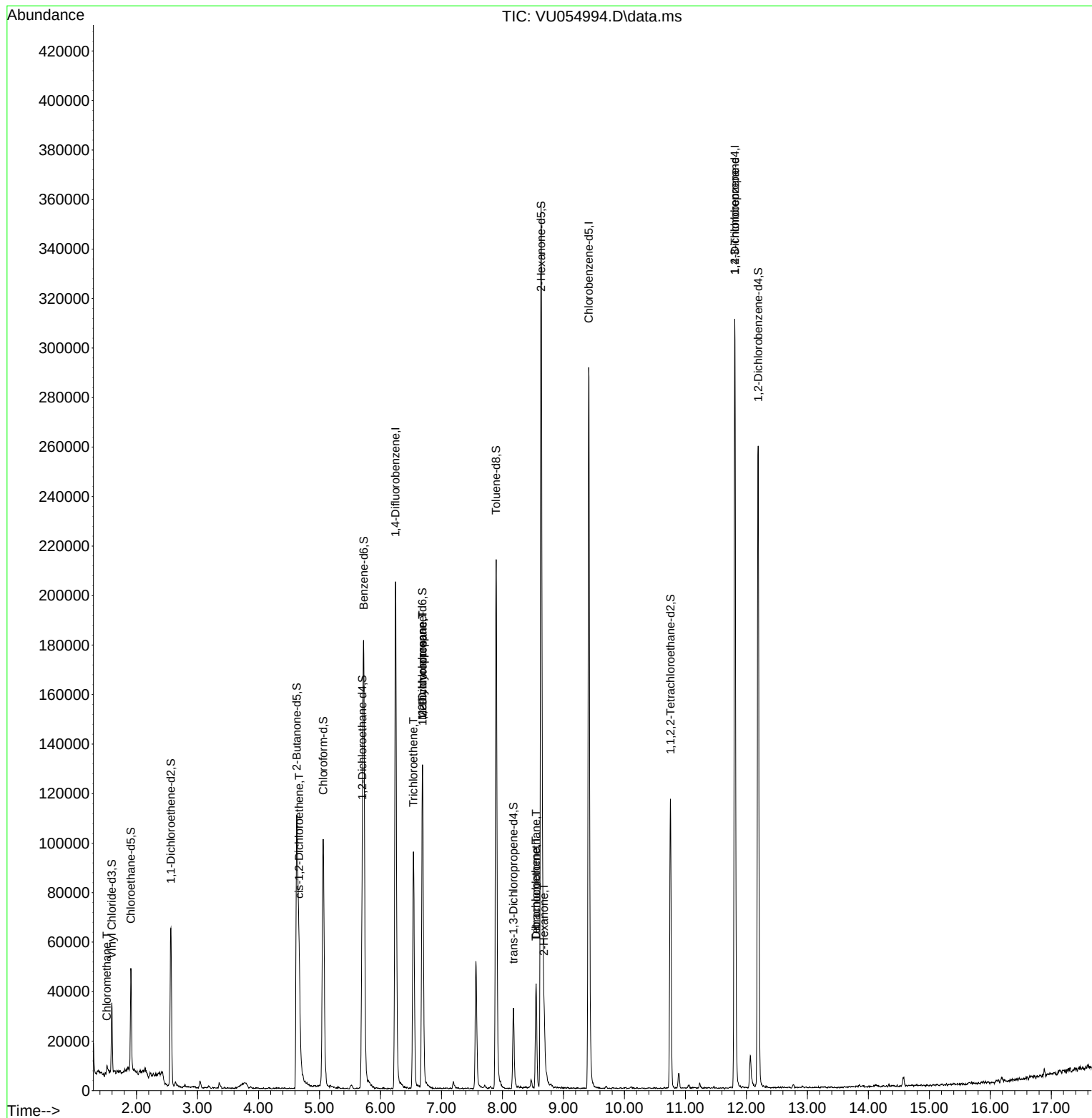
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	163487	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	157411	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	79930	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	19639	3.806	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.907	69	28098	4.215	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.200%
11) 1,1-Dichloroethene-d2	2.563	65	12802	4.390	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	4.628	46	172821	62.048	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.100%
24) Chloroform-d	5.062	84	92385	4.827	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.702	65	54590	5.360	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	5.727	84	161973	4.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.689	67	61058	4.906	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.898	98	145285	4.287	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.181	79	18327	4.475	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.634	63	116407	59.885	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.760%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	56535	5.298	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	63823	5.001	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	2277	0.215	ug/L #	59
22) cis-1,2-Dichloroethene	4.666	96	16238	1.688	ug/L	98
34) Trichloroethene	6.541	95	32144	3.123	ug/L	96
35) Methylcyclohexane	6.689	83	14531	0.954	ug/L #	18
37) 1,2-Dichloropropane	6.692	63	7392	0.714	ug/L #	90
47) Tetrachloroethene	8.550	164	9257	1.252	ug/L	91
48) 2-Hexanone	8.682	43	12944	3.029	ug/L #	70
49) Dibromochloromethane	8.553	129	9212	1.138	ug/L #	6
61) 1,2,3-Trichloropropane	11.811	75	11097	1.865	ug/L #	69

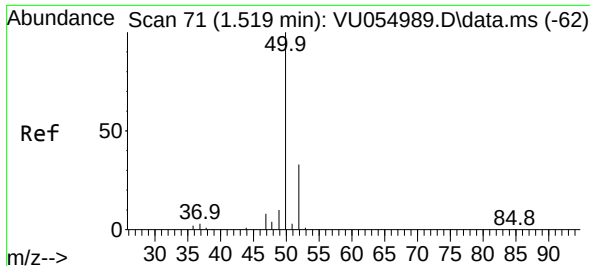
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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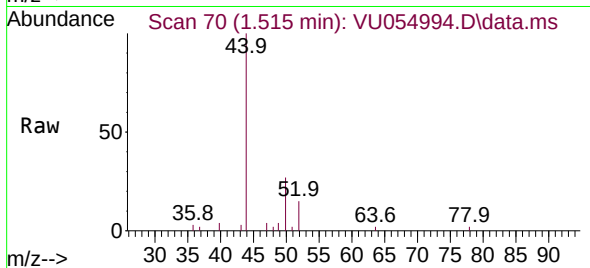
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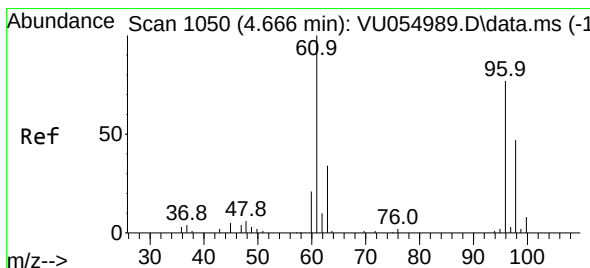
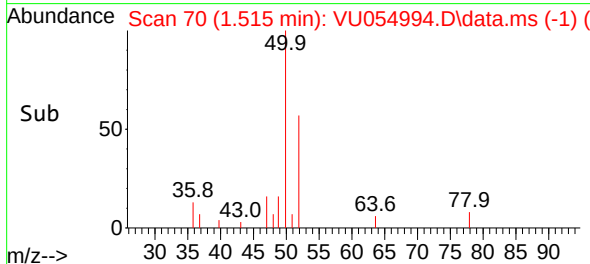
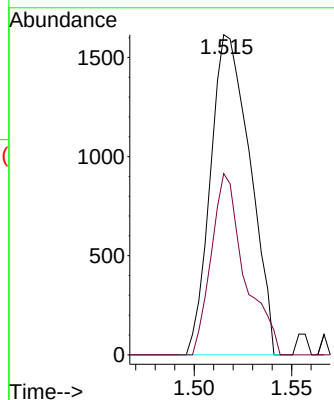


#3
Chloromethane
Concen: 0.215 ug/L
RT: 1.515 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU054994.D
Acq: 30 Aug 2023 13:12

Instrument :
MSVOA_U
ClientSampleId :

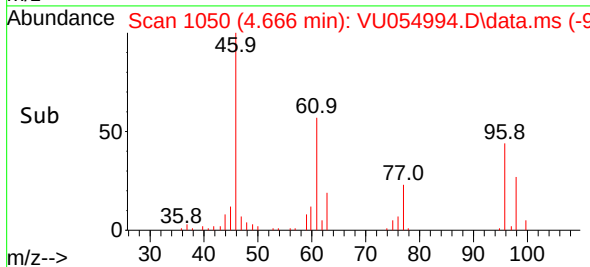
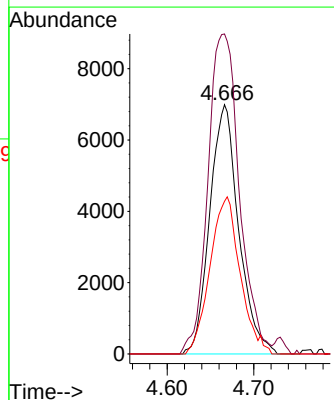
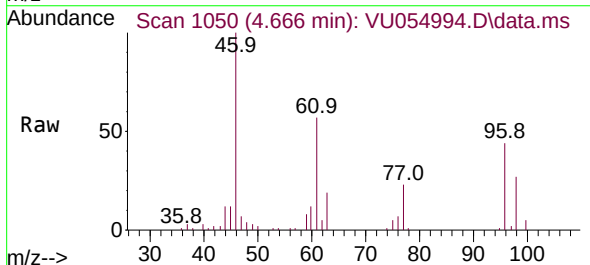


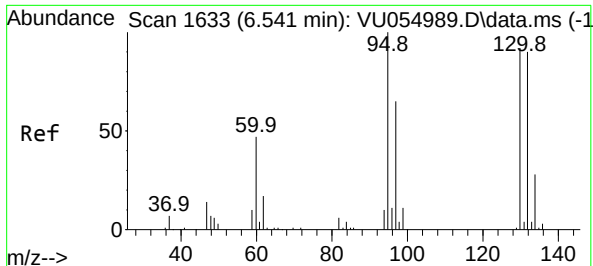
Tgt Ion: 50 Resp: 2277
Ion Ratio Lower Upper
50 100
52 56.6 23.4 43.6#



#22
cis-1,2-Dichloroethene
Concen: 1.688 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VU054994.D
Acq: 30 Aug 2023 13:12

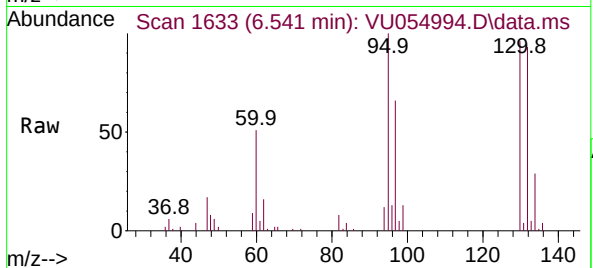
Tgt Ion: 96 Resp: 16238
Ion Ratio Lower Upper
96 100
61 128.4 88.4 164.2
98 61.2 44.0 81.6





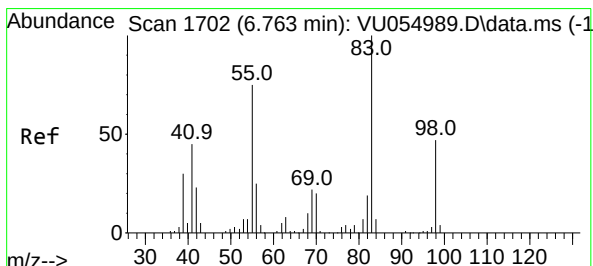
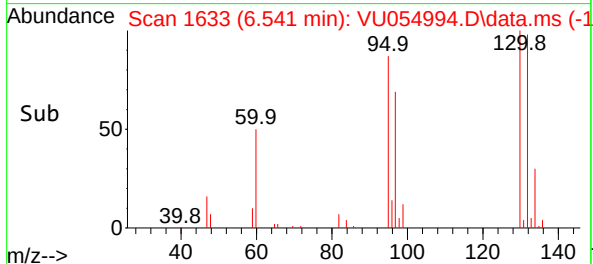
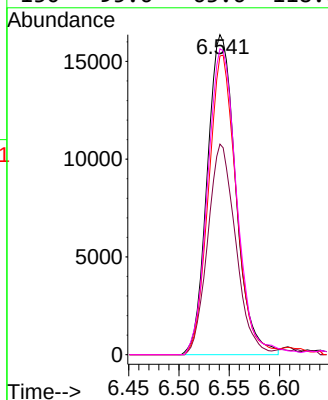
#34
Trichloroethene
Concen: 3.123 ug/L
RT: 6.541 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VU054994.D
Acq: 30 Aug 2023 13:12

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 32144

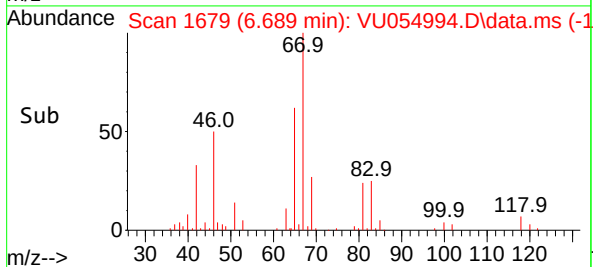
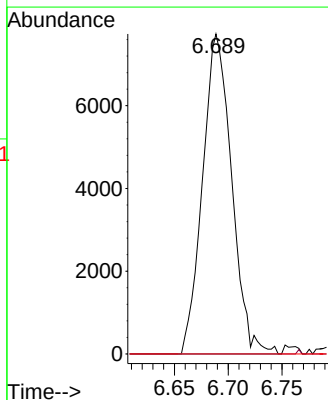
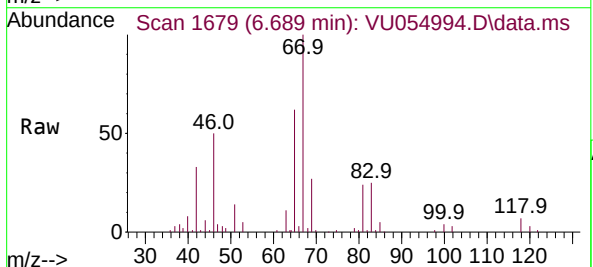
Ion	Ratio	Lower	Upper
95	100		
97	65.8	44.1	81.9
132	93.3	63.6	118.2
130	95.6	63.6	118.0

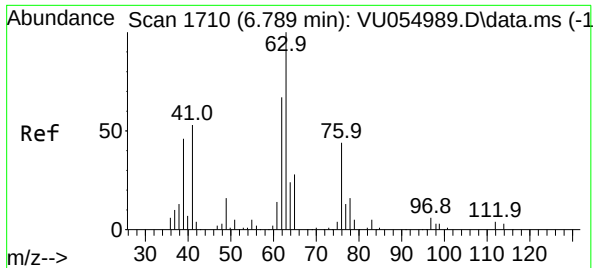


#35
Methylcyclohexane
Concen: 0.954 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU054994.D
Acq: 30 Aug 2023 13:12

Tgt Ion: 83 Resp: 14531

Ion	Ratio	Lower	Upper
83	100		
55	0.1	62.1	93.1#
98	0.0	37.8	56.6#





#37

1,2-Dichloropropane

Concen: 0.714 ug/L

RT: 6.692 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU054994.D

Acq: 30 Aug 2023 13:12

Instrument :

MSVOA_U

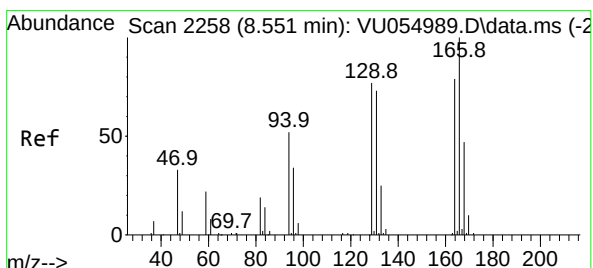
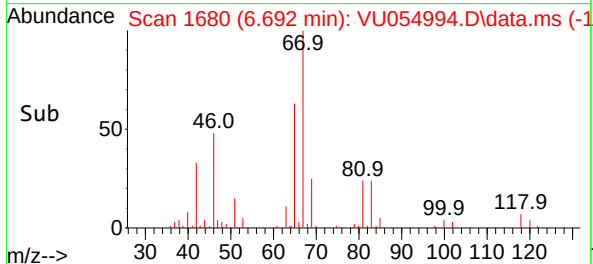
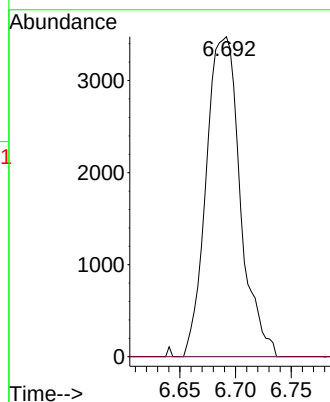
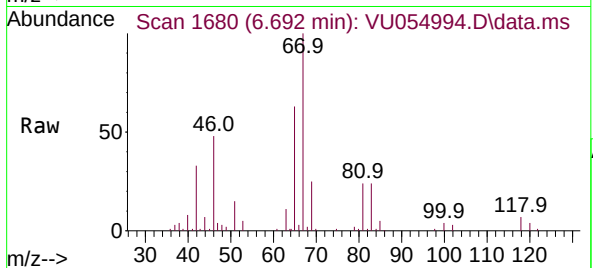
ClientSampleId :

Tgt Ion: 63 Resp: 7392

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#



#47

Tetrachloroethene

Concen: 1.252 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

Lab File: VU054994.D

Acq: 30 Aug 2023 13:12

Tgt Ion: 164 Resp: 9257

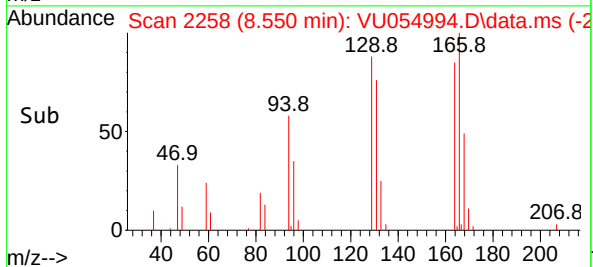
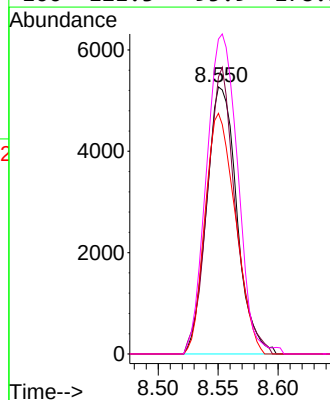
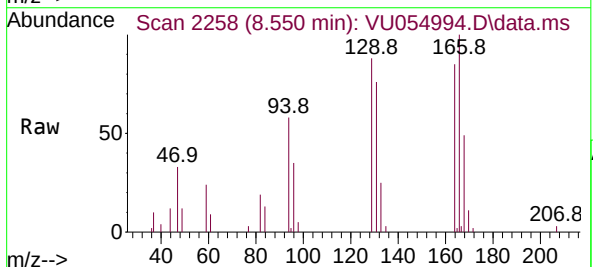
Ion Ratio Lower Upper

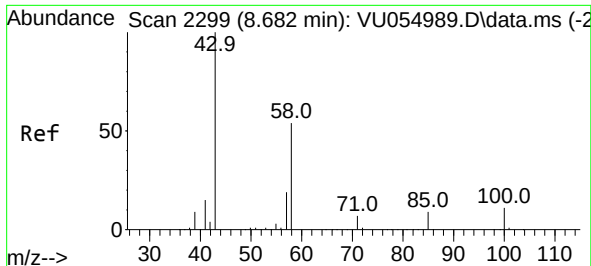
164 100

129 103.6 72.8 135.2

131 90.1 70.7 131.3

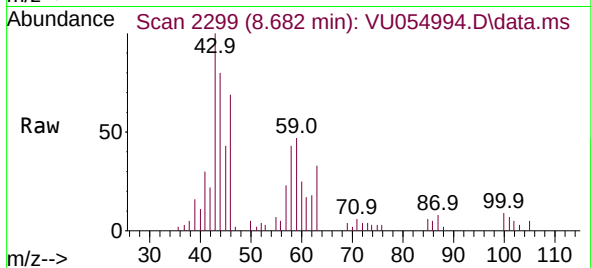
166 121.3 95.9 178.1



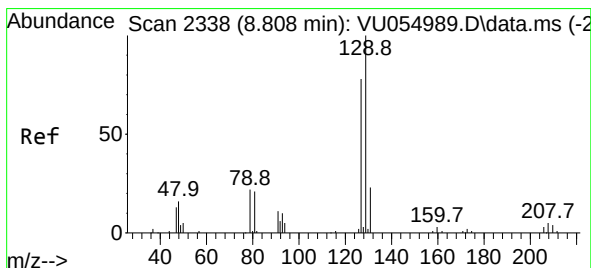
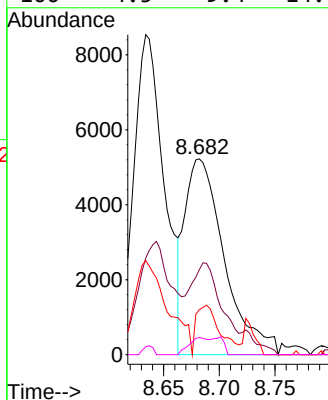
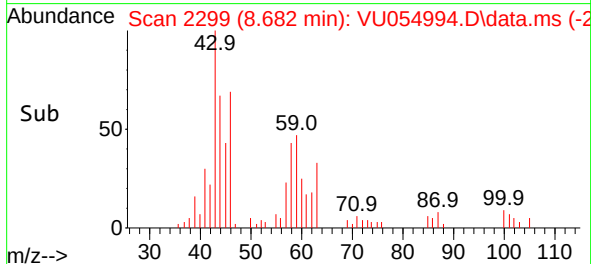


#48
2-Hexanone
Concen: 3.029 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054994.D
Acq: 30 Aug 2023 13:12

Instrument :
MSVOA_U
ClientSampleId :

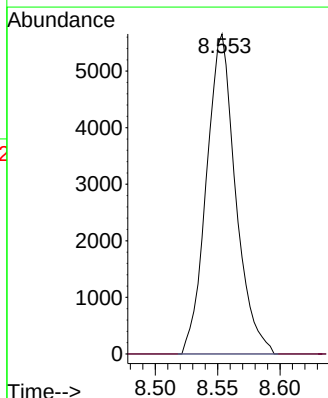
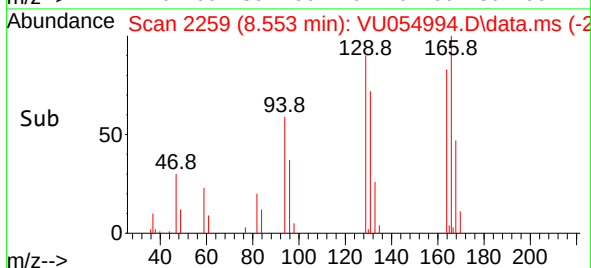
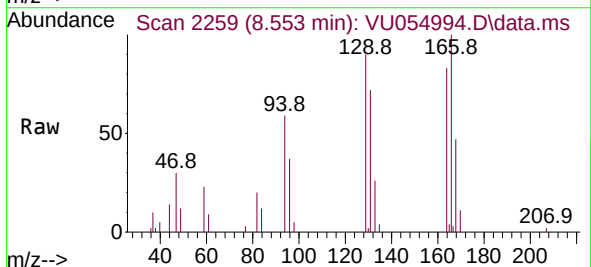


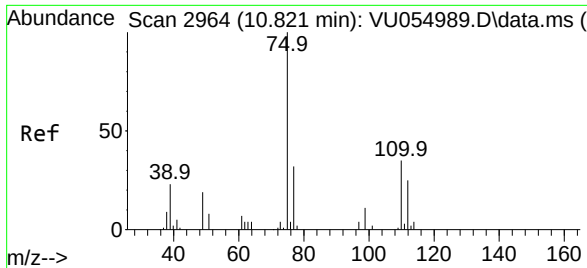
Tgt Ion:	43	Resp:	12944
Ion	Ratio	Lower	Upper
43	100		
58	26.0	44.0	66.0#
57	15.1	15.9	23.9#
100	4.5	9.4	14.0#



#49
Dibromochloromethane
Concen: 1.138 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. -0.254 min
Lab File: VU054994.D
Acq: 30 Aug 2023 13:12

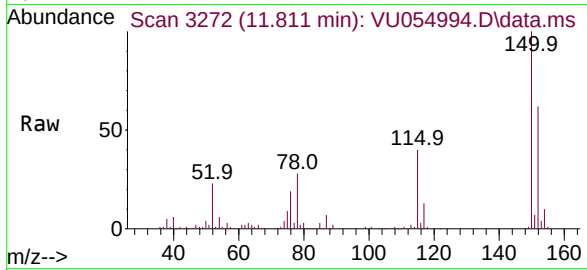
Tgt Ion:	129	Resp:	9212
Ion	Ratio	Lower	Upper
129	100		
127	0.0	60.5	112.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.865 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU054994.D
 Acq: 30 Aug 2023 13:12

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 11097
 Ion Ratio Lower Upper
 75 100
 110 1.7 29.0 43.6#
 77 32.2 26.5 39.7

