

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
 Data File : VU056856.D
 Acq On : 14 Dec 2023 23:49
 Operator : MD/SY
 Sample : 05731-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 15 05:10:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

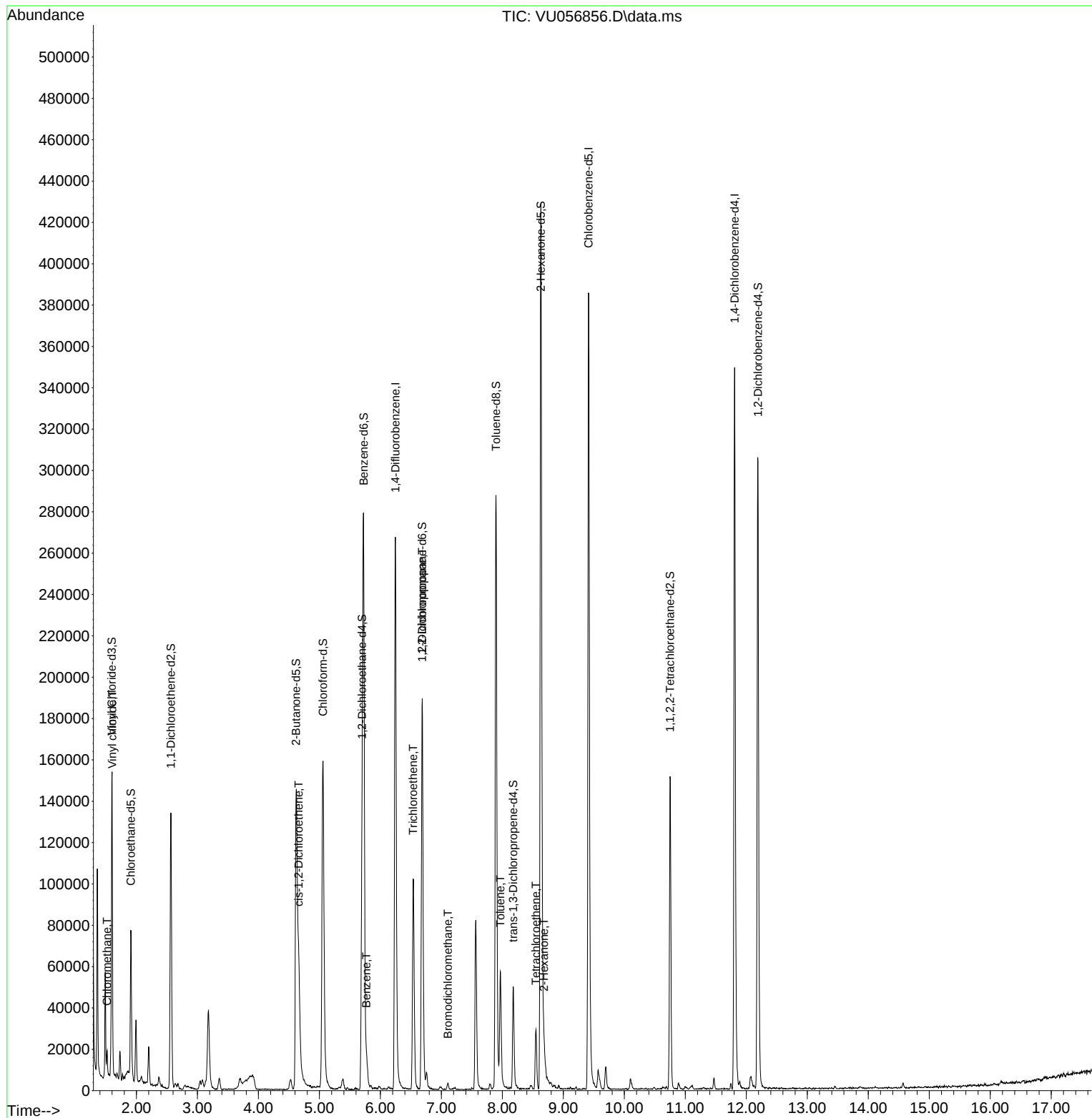
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	221376	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	225836	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	94612	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	57938	3.053	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	61.000%	
7) Chloroethane-d5	1.907	69	54049	3.806	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	76.200%	
11) 1,1-Dichloroethene-d2	2.563	65	25399	3.128	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	62.600%	
20) 2-Butanone-d5	4.618	46	205266	54.775	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.560%	
24) Chloroform-d	5.058	84	152440	4.242	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.800%	
26) 1,2-Dichloroethane-d4	5.698	65	76597	4.505	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.000%	
32) Benzene-d6	5.724	84	264822	3.781	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	75.600%	
36) 1,2-Dichloropropane-d6	6.685	67	92220	4.206	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.200%	
41) Toluene-d8	7.894	98	205910	3.289	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	65.800%#	
43) trans-1,3-Dichloroprop...	8.177	79	29972	3.525	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	70.600%	
46) 2-Hexanone-d5	8.631	63	148260	46.233	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.460%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	77934	4.913	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	82323	4.426	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.600%	
Target Compounds						
3) Chloromethane	1.518	50	6998	0.307	ug/L	96
5) Vinyl chloride	1.602	62	6213	0.274	ug/L #	33
22) cis-1,2-Dichloroethene	4.660	96	18766	0.947	ug/L	95
33) Benzene	5.772	78	12402	0.156	ug/L	100
34) Trichloroethene	6.537	95	37094	1.704	ug/L	100
37) 1,2-Dichloropropane	6.682	63	9482	0.467	ug/L #	88
38) Bromodichloromethane	7.107	83	2514	0.097	ug/L #	81
42) Toluene	7.965	91	43234	0.526	ug/L	93
47) Tetrachloroethene	8.550	164	6877	0.451	ug/L	91
48) 2-Hexanone	8.682	43	6269	0.913	ug/L #	39

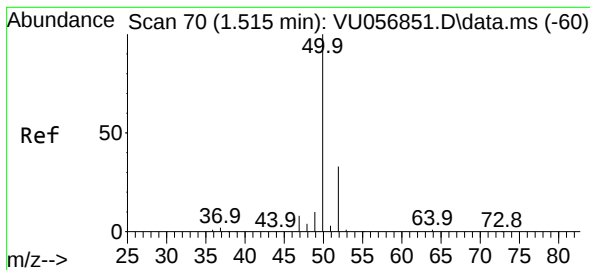
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.307 ug/L

RT: 1.518 min Scan# 70

Delta R.T. 0.003 min

Lab File: VU056856.D

Acq: 14 Dec 2023 23:49

Instrument :

MSVOA_U

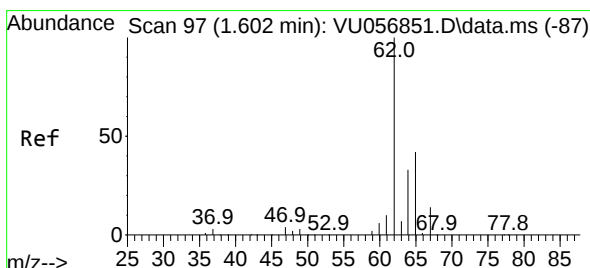
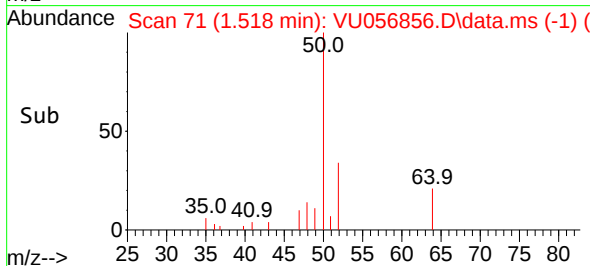
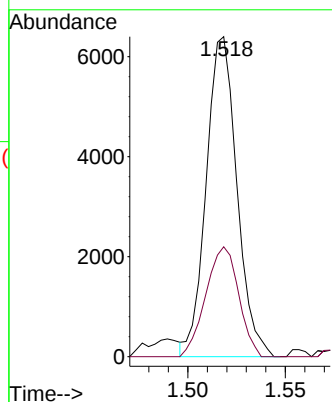
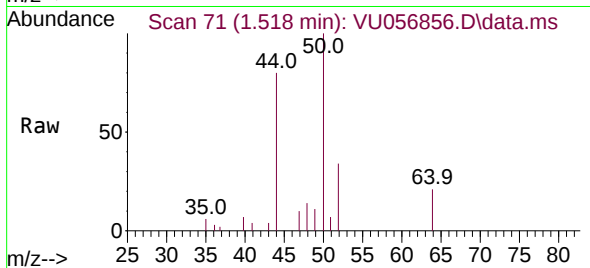
ClientSampleId :

Tgt Ion: 50 Resp: 6998

Ion Ratio Lower Upper

50 100

52 34.3 22.5 41.7



#5

Vinyl chloride

Concen: 0.274 ug/L

RT: 1.602 min Scan# 97

Delta R.T. -0.000 min

Lab File: VU056856.D

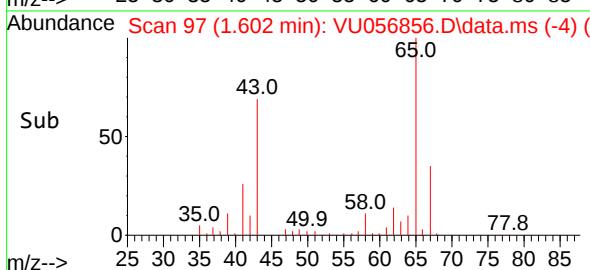
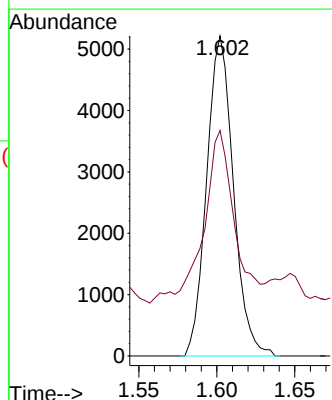
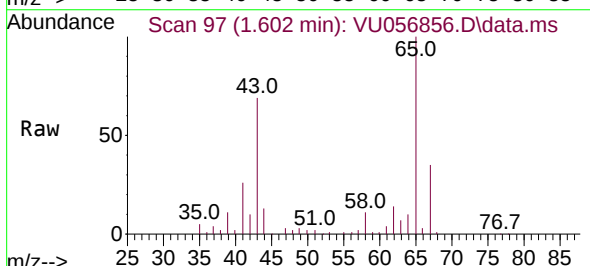
Acq: 14 Dec 2023 23:49

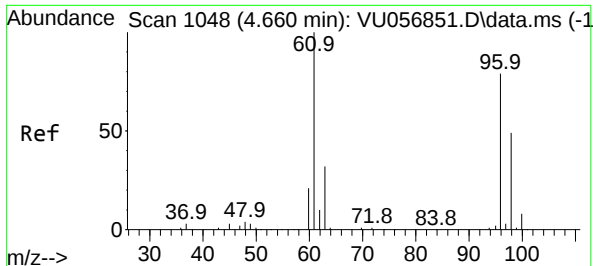
Tgt Ion: 62 Resp: 6213

Ion Ratio Lower Upper

62 100

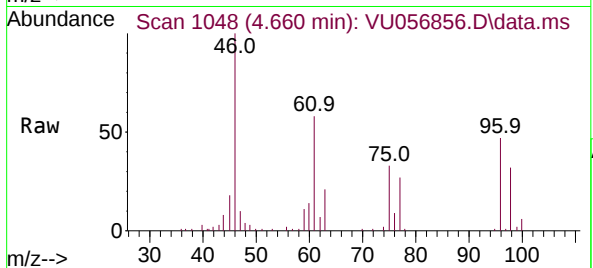
64 70.5 22.8 42.4#



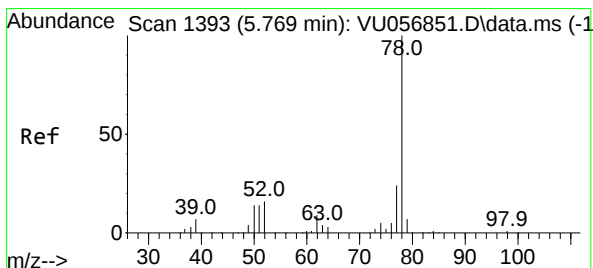
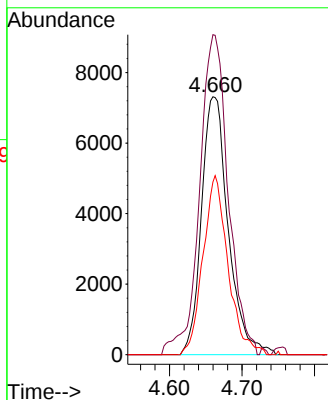
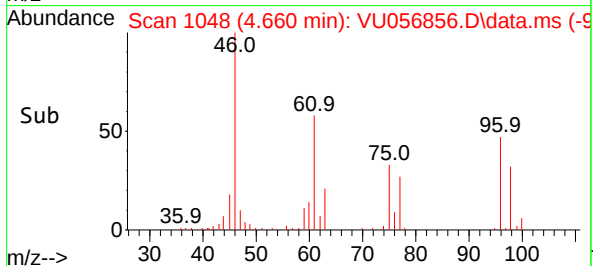


#22
 cis-1,2-Dichloroethene
 Concen: 0.947 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056856.D
 Acq: 14 Dec 2023 23:49

Instrument :
 MSVOA_U
 ClientSampleId :

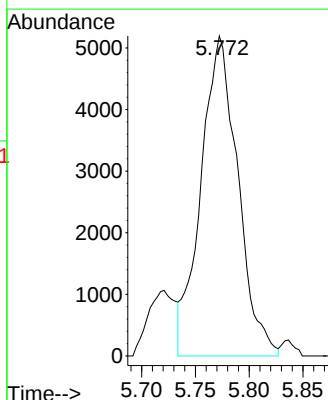
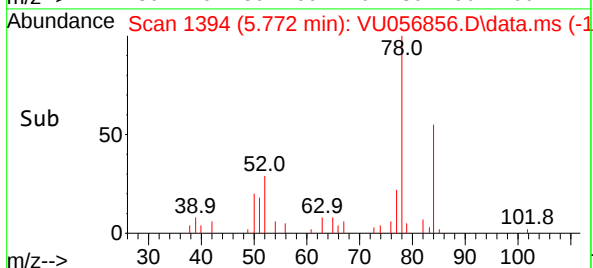
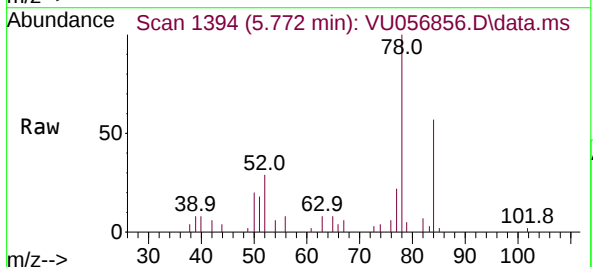


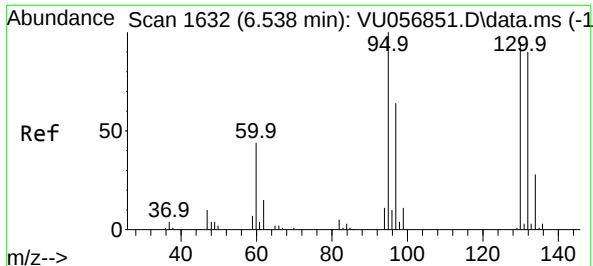
Tgt Ion: 96 Resp: 18766
 Ion Ratio Lower Upper
 96 100
 61 124.0 91.3 169.6
 98 66.9 44.2 82.0



#33
 Benzene
 Concen: 0.156 ug/L
 RT: 5.772 min Scan# 1394
 Delta R.T. 0.003 min
 Lab File: VU056856.D
 Acq: 14 Dec 2023 23:49

Tgt Ion: 78 Resp: 12402

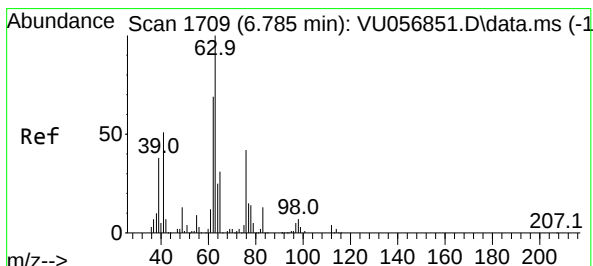
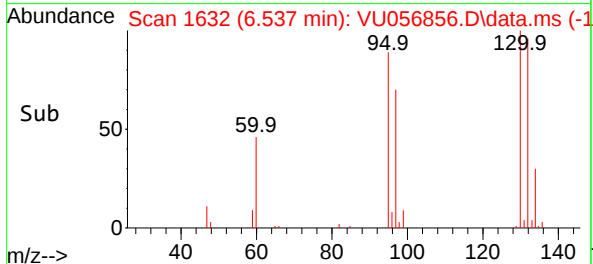
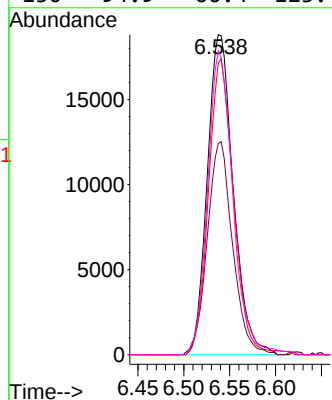
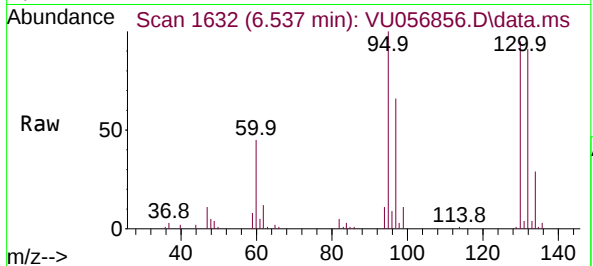




#34
 Trichloroethene
 Concen: 1.704 ug/L
 RT: 6.537 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: VU056856.D
 Acq: 14 Dec 2023 23:49

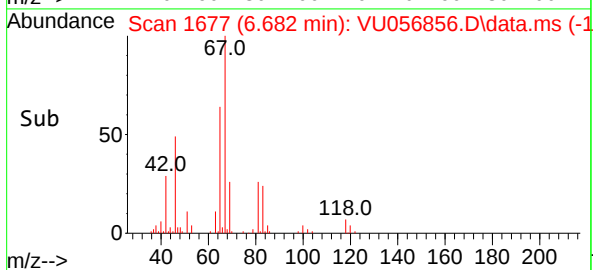
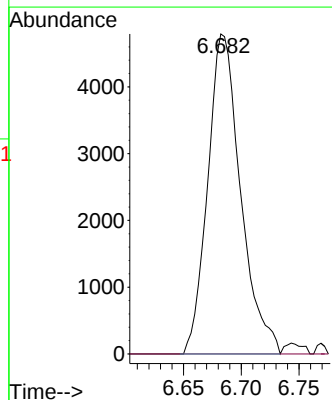
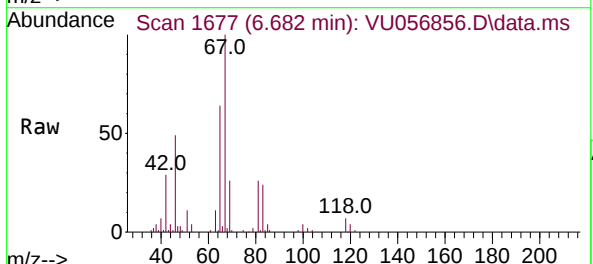
Instrument :
 MSVOA_U
 ClientSampleId :

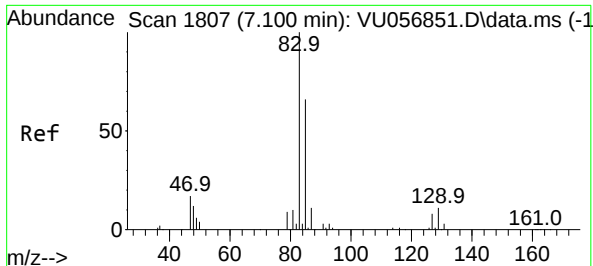
Tgt Ion: 95 Resp: 37094
 Ion Ratio Lower Upper
 95 100
 97 66.0 46.1 85.5
 132 91.1 63.6 118.0
 130 94.9 66.4 123.4



#37
 1,2-Dichloropropane
 Concen: 0.467 ug/L
 RT: 6.682 min Scan# 1677
 Delta R.T. -0.103 min
 Lab File: VU056856.D
 Acq: 14 Dec 2023 23:49

Tgt Ion: 63 Resp: 9482
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#





#38

Bromodichloromethane

Concen: 0.097 ug/L

RT: 7.107 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VU056856.D

Acq: 14 Dec 2023 23:49

Instrument :

MSVOA_U

ClientSampleId :

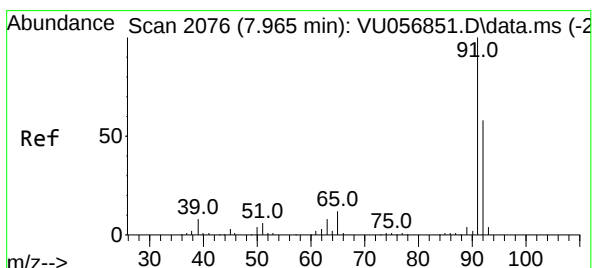
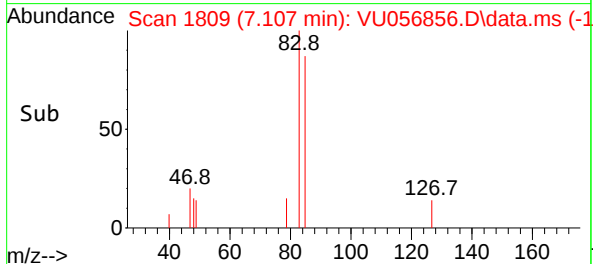
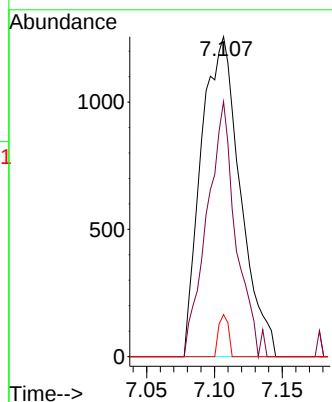
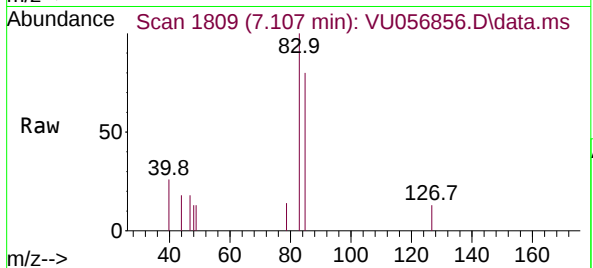
Tgt Ion: 83 Resp: 2514

Ion Ratio Lower Upper

83 100

85 79.7 45.0 83.6

127 13.1 7.0 10.4#



#42

Toluene

Concen: 0.526 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU056856.D

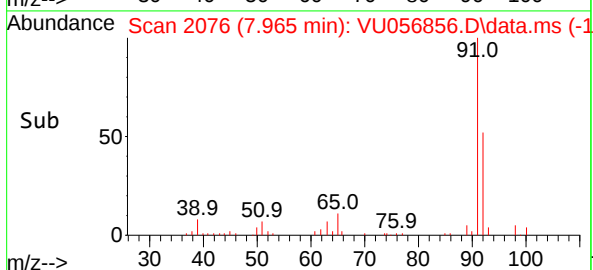
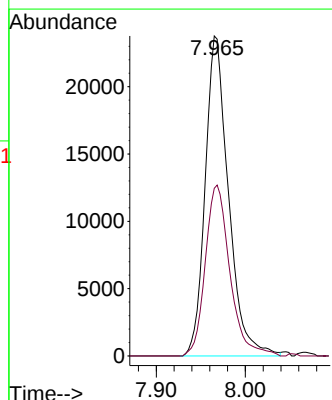
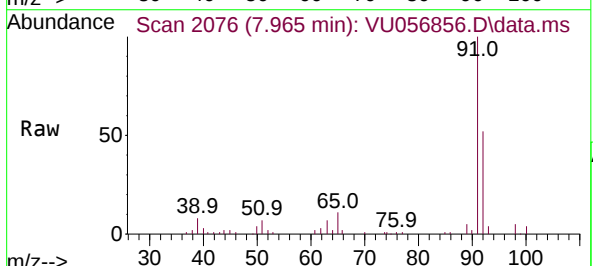
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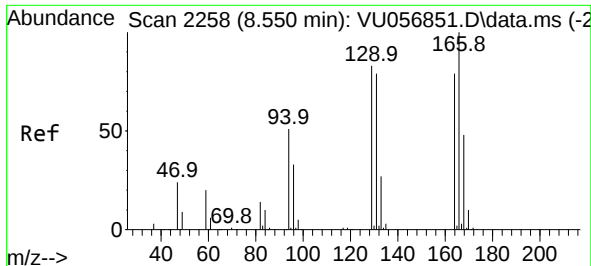
Tgt Ion: 91 Resp: 43234

Ion Ratio Lower Upper

91 100

92 52.4 40.4 75.0





#47

Tetrachloroethene

Concen: 0.451 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.000 min

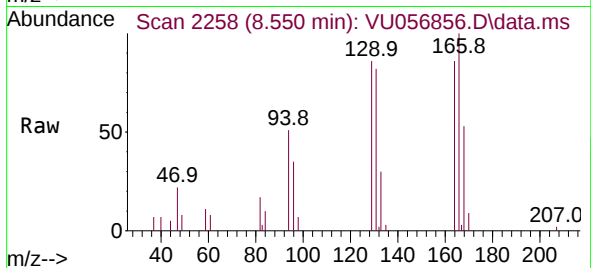
Lab File: VU056856.D

Acq: 14 Dec 2023 23:49

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MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 6877

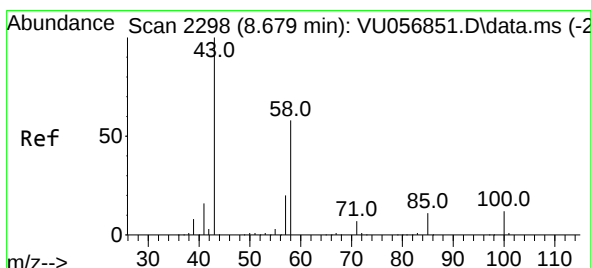
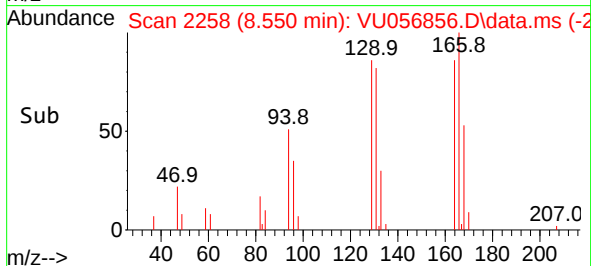
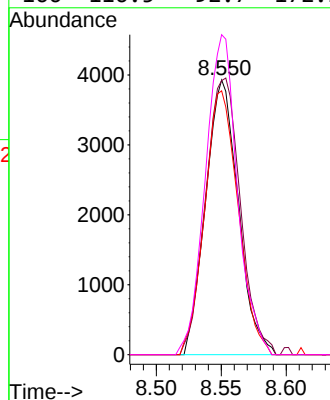
Ion Ratio Lower Upper

164 100

129 99.8 73.4 136.4

131 96.1 71.5 132.9

166 116.5 92.7 172.1



#48

2-Hexanone

Concen: 0.913 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. 0.003 min

Lab File: VU056856.D

Acq: 14 Dec 2023 23:49

Tgt Ion: 43 Resp: 6269

Ion Ratio Lower Upper

43 100

58 0.0 47.5 71.3#

57 36.1 17.0 25.4#

100 3.4 9.8 14.8#

