

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
 Data File : VU056864.D
 Acq On : 15 Dec 2023 03:03
 Operator : MD/SY
 Sample : 05770-06DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 15 05:12:36 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)

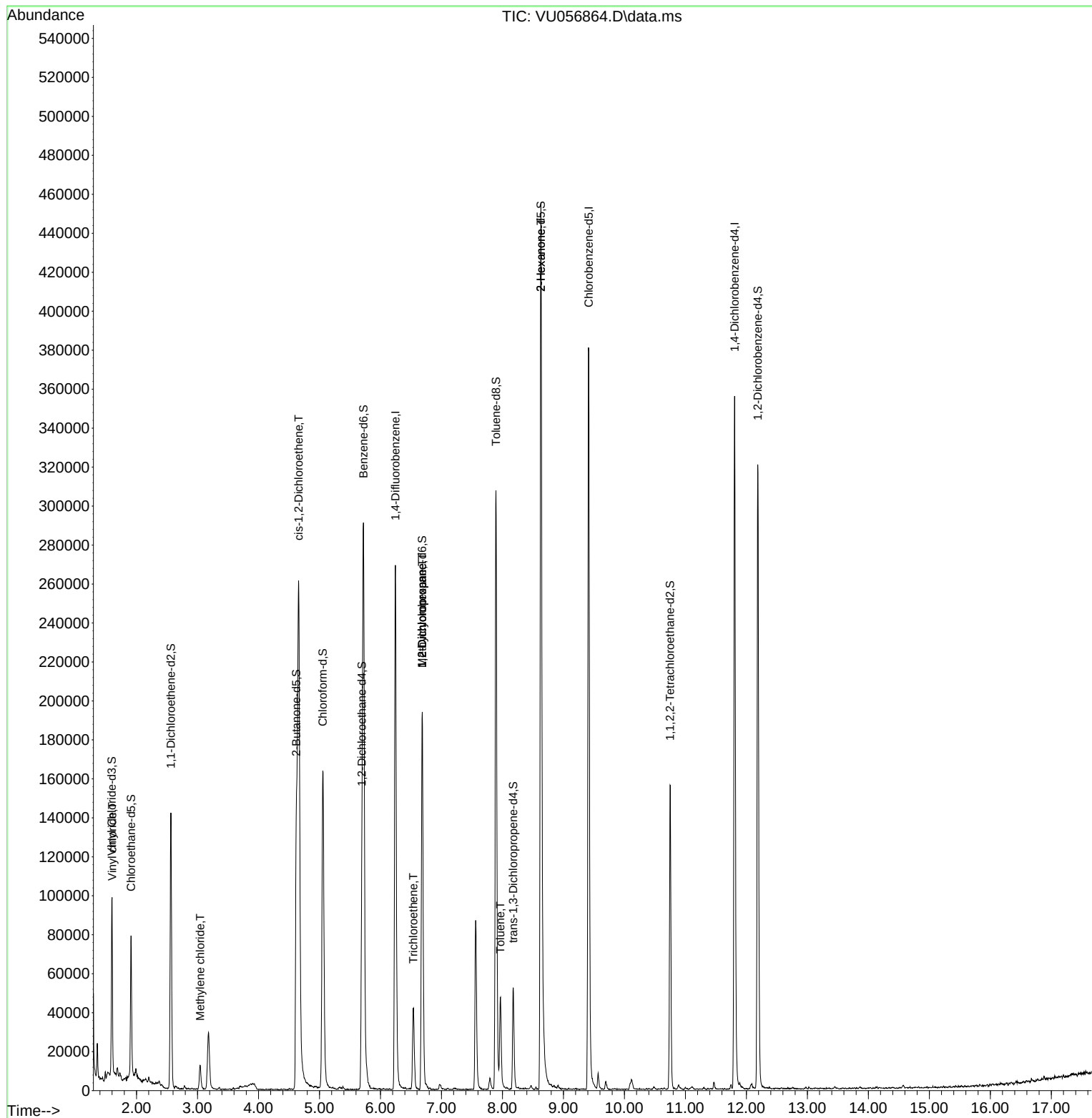
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	216700	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	223367	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	96525	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	56628	3.049	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.000%
7) Chloroethane-d5	1.910	69	52307	3.763	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.200%
11) 1,1-Dichloroethene-d2	2.563	65	27007	3.398	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	4.621	46	221116	60.278	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.560%
24) Chloroform-d	5.055	84	158970	4.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.695	65	78935	4.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.721	84	280418	4.047	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	6.685	67	96610	4.455	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.894	98	214864	3.470	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.400%#
43) trans-1,3-Dichloroprop...	8.177	79	32630	3.880	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.600%
46) 2-Hexanone-d5	8.630	63	157855	49.769	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.540%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	77296	4.927	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	86748	4.572	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	5914	0.267	ug/L #	18
16) Methylene chloride	3.042	84	6426	0.335	ug/L	94
22) cis-1,2-Dichloroethene	4.660	96	118815	6.123	ug/L	96
34) Trichloroethene	6.541	95	15544	0.722	ug/L	93
35) Methylcyclohexane	6.685	83	23841	0.750	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	10081	0.502	ug/L #	88
42) Toluene	7.965	91	35315	0.435	ug/L	98
48) 2-Hexanone	8.630	43	20836	3.068	ug/L #	77

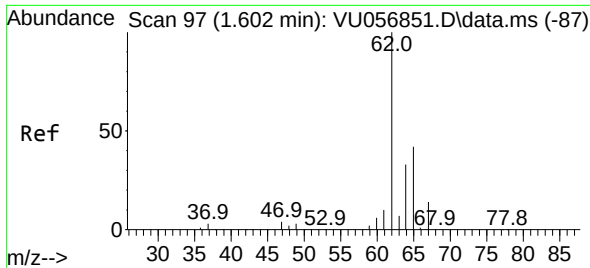
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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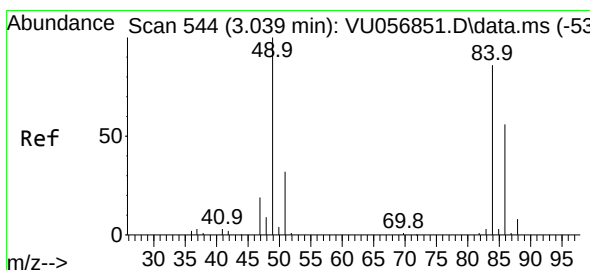
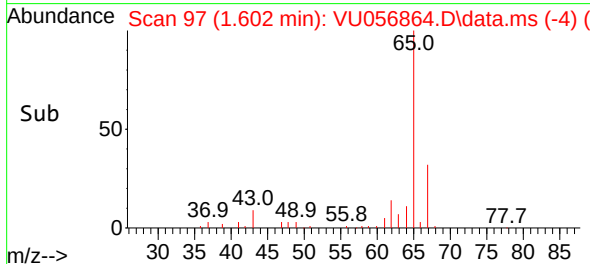
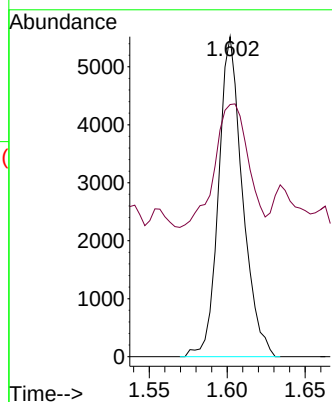
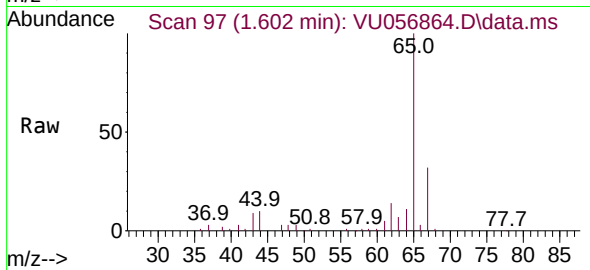




#5
 Vinyl chloride
 Concen: 0.267 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU056864.D
 Acq: 15 Dec 2023 03:03

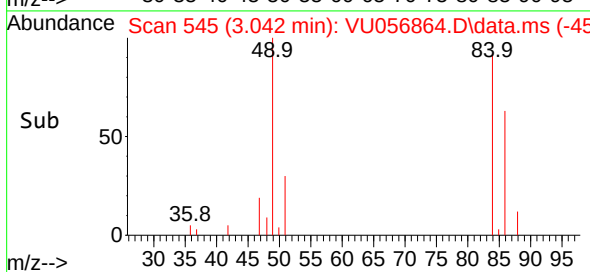
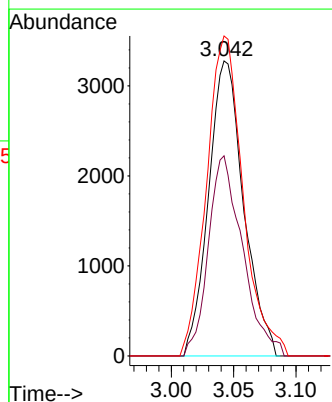
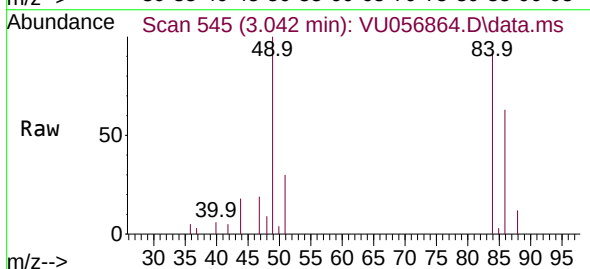
Instrument :
 MSVOA_U
 ClientSampleId :

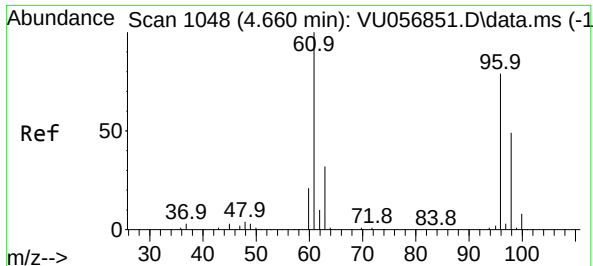
Tgt Ion: 62 Resp: 5914
 Ion Ratio Lower Upper
 62 100
 64 78.8 22.8 42.4#



#16
 Methylene chloride
 Concen: 0.335 ug/L
 RT: 3.042 min Scan# 545
 Delta R.T. 0.003 min
 Lab File: VU056864.D
 Acq: 15 Dec 2023 03:03

Tgt Ion: 84 Resp: 6426
 Ion Ratio Lower Upper
 84 100
 86 67.8 43.6 81.0
 49 108.5 80.6 149.6

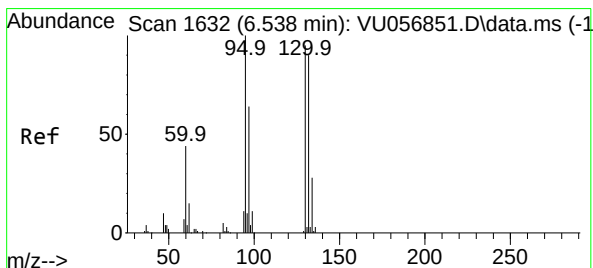
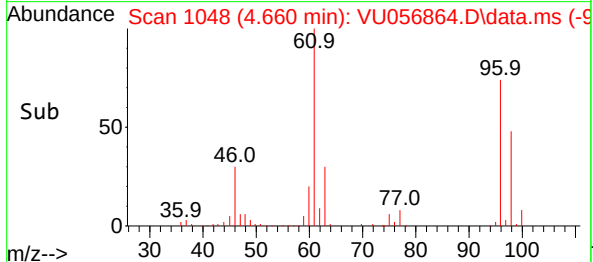
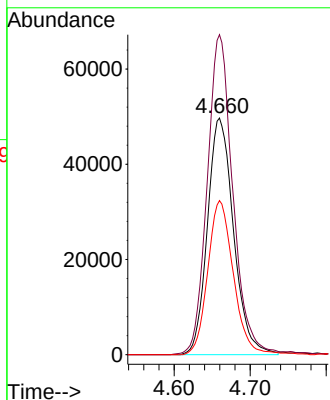
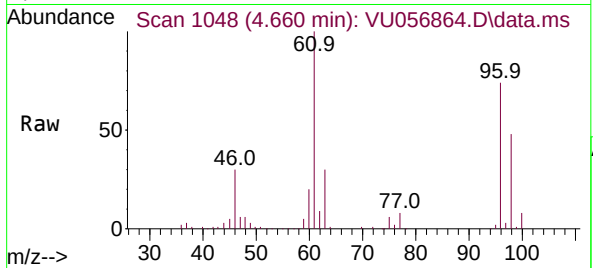




#22
 cis-1,2-Dichloroethene
 Concen: 6.123 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056864.D
 Acq: 15 Dec 2023 03:03

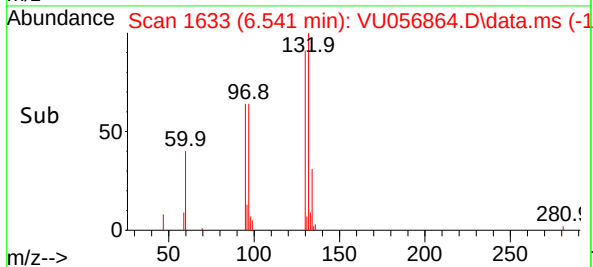
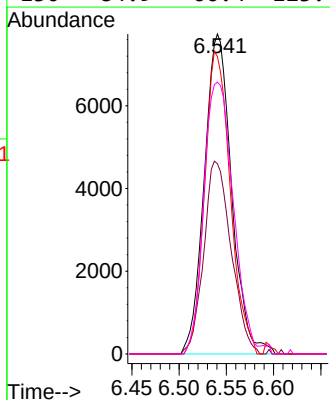
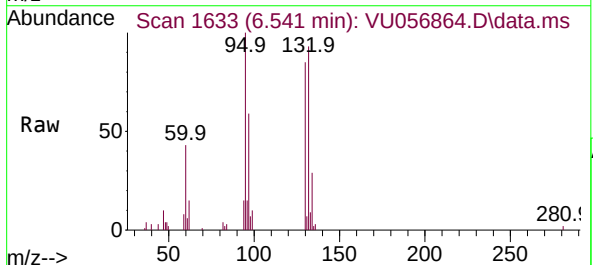
Instrument :
 MSVOA_U
 ClientSampleId :

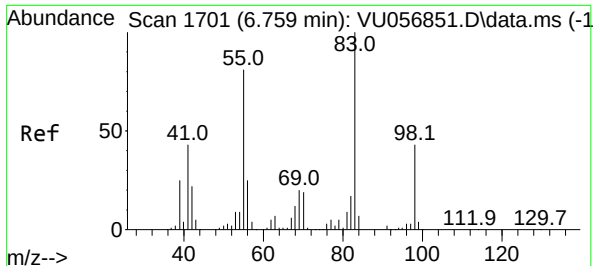
Tgt Ion: 96 Resp: 118815
 Ion Ratio Lower Upper
 96 100
 61 135.2 91.3 169.6
 98 65.1 44.2 82.0



#34
 Trichloroethene
 Concen: 0.722 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.003 min
 Lab File: VU056864.D
 Acq: 15 Dec 2023 03:03

Tgt Ion: 95 Resp: 15544
 Ion Ratio Lower Upper
 95 100
 97 59.5 46.1 85.5
 132 93.0 63.6 118.0
 130 84.9 66.4 123.4





#35

Methylcyclohexane

Concen: 0.750 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU056864.D

Acq: 15 Dec 2023 03:03

Instrument :

MSVOA_U

ClientSampleId :

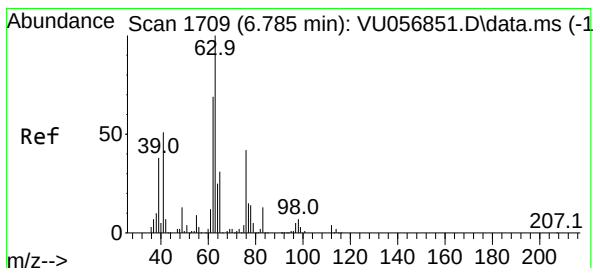
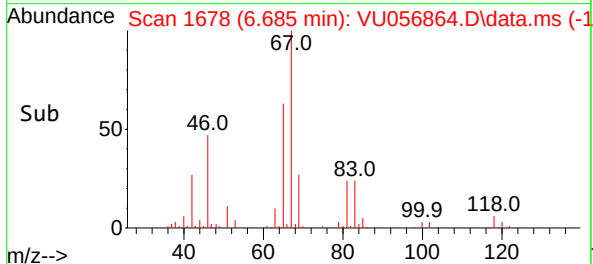
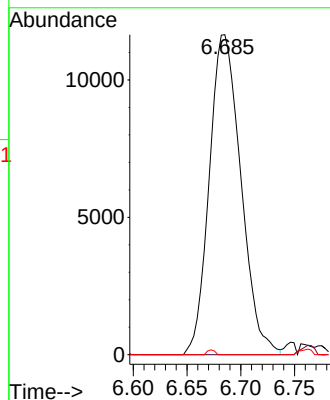
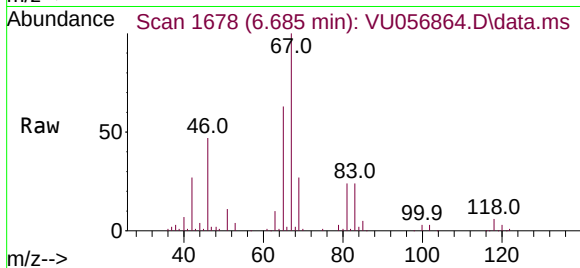
Tgt Ion: 83 Resp: 23841

Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

98 0.4 36.1 54.1#



#37

1,2-Dichloropropane

Concen: 0.502 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.100 min

Lab File: VU056864.D

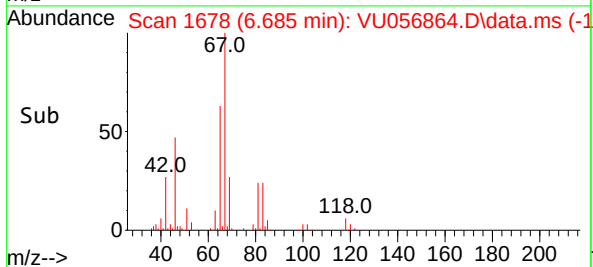
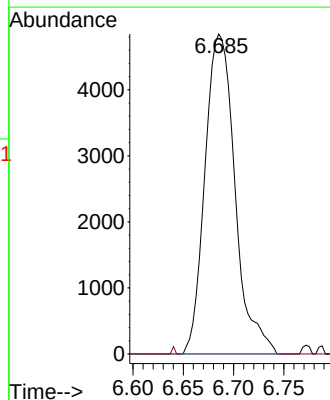
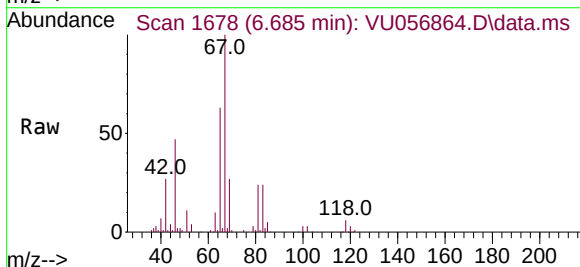
Acq: 15 Dec 2023 03:03

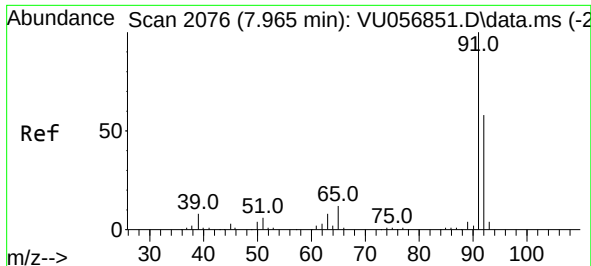
Tgt Ion: 63 Resp: 10081

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#





#42

Toluene

Concen: 0.435 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU056864.D

Acq: 15 Dec 2023 03:03

Instrument :

MSVOA_U

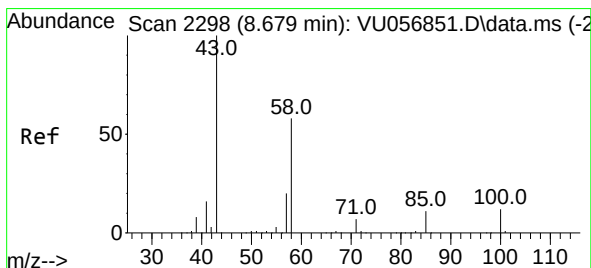
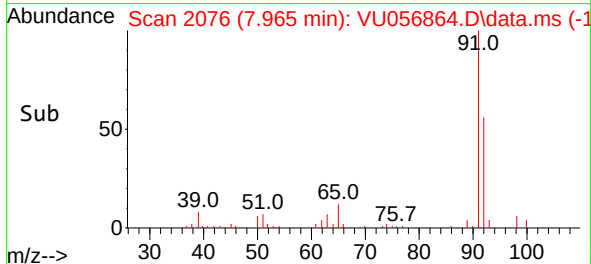
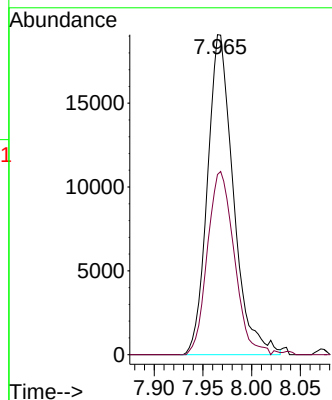
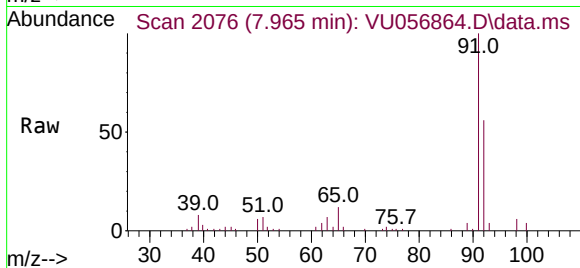
ClientSampleId :

Tgt Ion: 91 Resp: 35315

Ion Ratio Lower Upper

91 100

92 56.3 40.4 75.0



#48

2-Hexanone

Concen: 3.068 ug/L

RT: 8.630 min Scan# 2283

Delta R.T. -0.048 min

Lab File: VU056864.D

Acq: 15 Dec 2023 03:03

Tgt Ion: 43 Resp: 20836

Ion Ratio Lower Upper

43 100

58 44.8 47.5 71.3#

57 36.2 17.0 25.4#

100 2.4 9.8 14.8#

