

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102323\
 Data File : VU055854.D
 Acq On : 23 Oct 2023 14:40
 Operator : MD/SY
 Sample : 04947-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 23 23:19:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 23 01:04:15 2023
 Response via : Initial Calibration

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

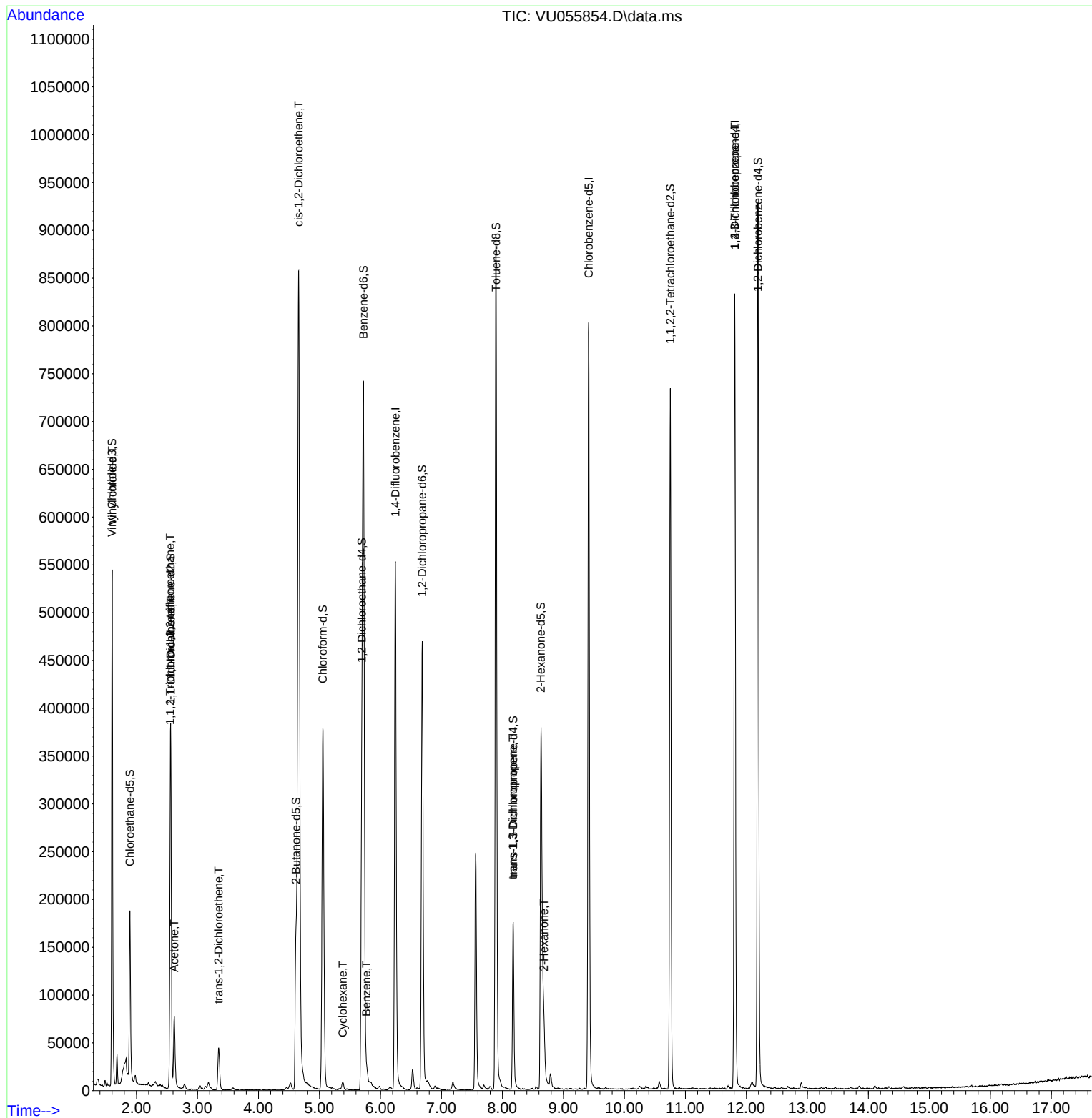
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	453947	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	454129	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	222684	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	155538	38.199	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.400%		
7) Chloroethane-d5	1.891	69	142381	42.779	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.560%		
11) 1,1-Dichloroethene-d2	2.560	63	229226	31.573	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.140%		
21) 2-Butanone-d5	4.615	46	245975	81.527	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	81.530%		
24) Chloroform-d	5.055	84	361060	46.255	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.520%		
26) 1,2-Dichloroethane-d4	5.695	65	233906	48.683	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.360%		
32) Benzene-d6	5.721	84	703081	48.388	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.780%		
36) 1,2-Dichloropropane-d6	6.685	67	228585	49.693	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.380%		
41) Toluene-d8	7.894	98	611218	46.586	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.180%		
43) trans-1,3-Dichloroprop...	8.177	79	101976	46.150	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.300%		
47) 2-Hexanone-d5	8.631	63	121110	66.973	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	66.970%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	367127	51.851	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	103.700%		
66) 1,2-Dichlorobenzene-d4	12.190	152	248638	56.265	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	112.540%		
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	251734	63.958	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.554	101	2215	0.612	ug/L #	20
12) 1,1-Dichloroethene	2.563	96	2060	0.640	ug/L #	1
13) Acetone	2.618	43	86123	30.760	ug/L	98
17) trans-1,2-Dichloroethene	3.348	96	18532	5.631	ug/L	97
20) cis-1,2-Dichloroethene	4.660	96	453917	120.857	ug/L	98
29) Cyclohexane	5.383	56	4246	0.816	ug/L	95
33) Benzene	5.769	78	13988	0.974	ug/L	100
44) trans-1,3-Dichloropropene	8.174	75	4716	0.820	ug/L #	83
48) 2-Hexanone	8.682	43	28157	6.062	ug/L #	94
60) 1,2,3-Trichloropropane	11.811	75	28430	5.883	ug/L #	70

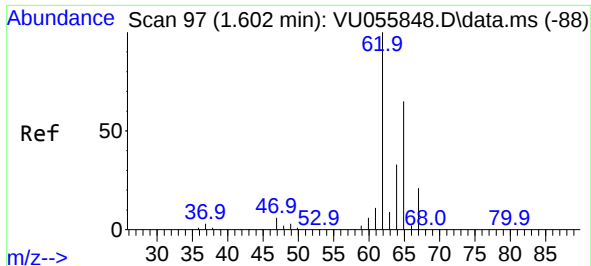
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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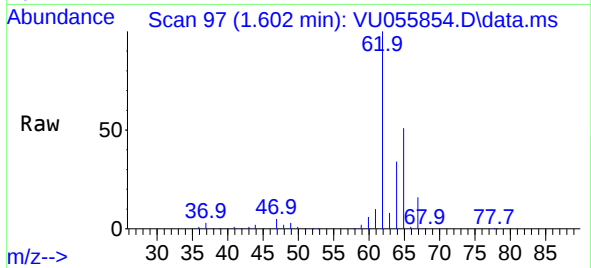
Quant Time: Oct 23 23:19:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 23 01:04:15 2023
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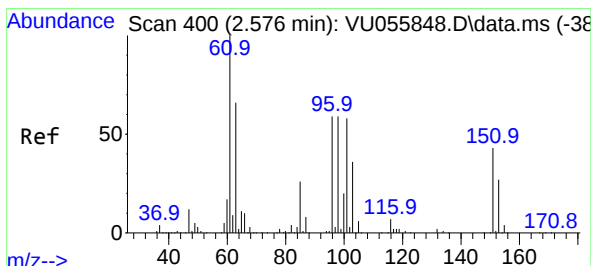
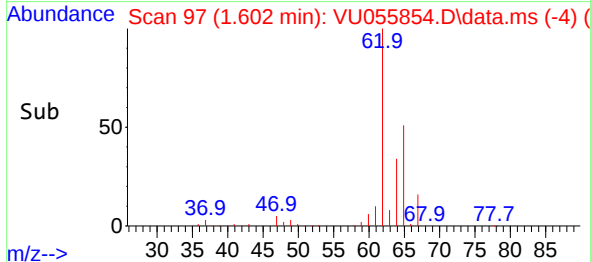
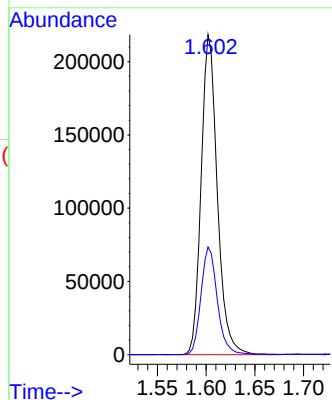


#5
 Vinyl chloride
 Concen: 63.958 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055854.D
 Acq: 23 Oct 2023 14:40

Instrument :
 MSVOA_U
 ClientSampleId :

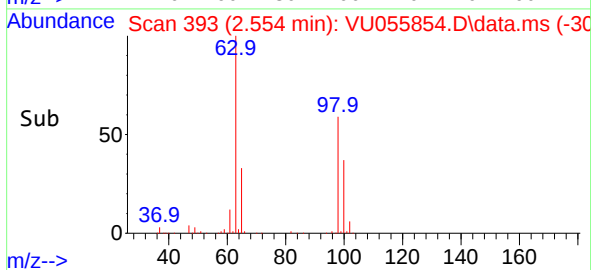
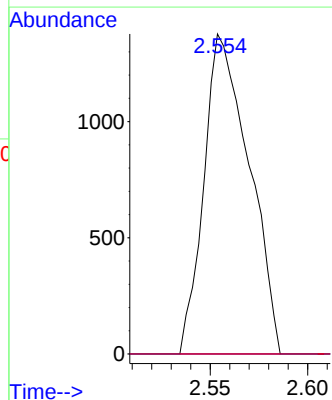
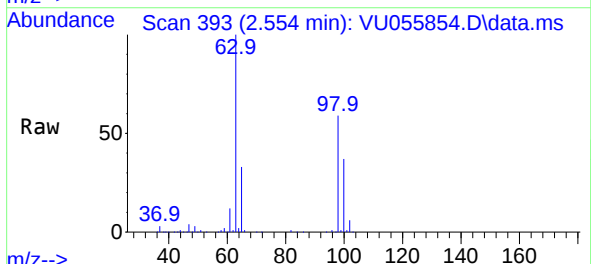


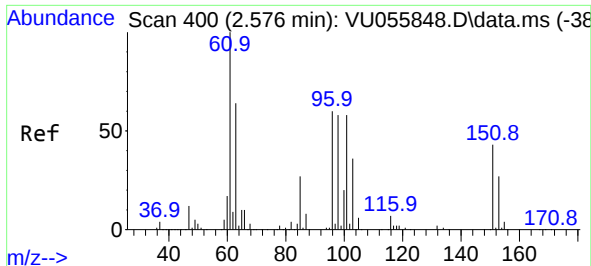
Tgt Ion: 62 Resp: 251734
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.9 44.5



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.612 ug/L
 RT: 2.554 min Scan# 393
 Delta R.T. -0.026 min
 Lab File: VU055854.D
 Acq: 23 Oct 2023 14:40

Tgt Ion: 101 Resp: 2215
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.1 55.7#
 151 0.0 58.2 87.4#





#12

1,1-Dichloroethene

Concen: 0.640 ug/L

RT: 2.563 min Scan# 396

Delta R.T. -0.013 min

Lab File: VU055854.D

Acq: 23 Oct 2023 14:40

Instrument :

MSVOA_U

ClientSampleId :

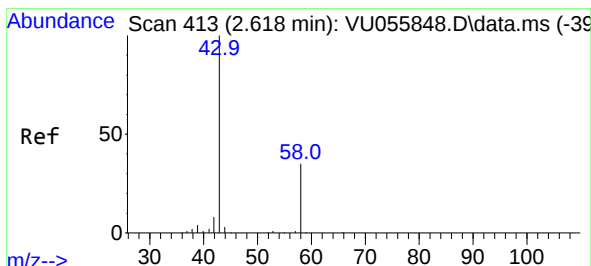
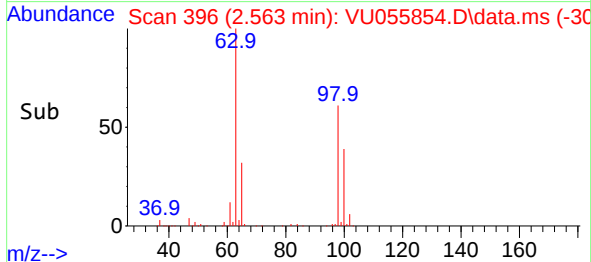
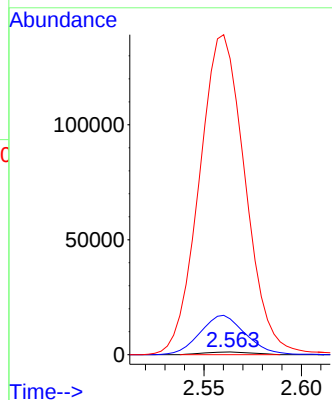
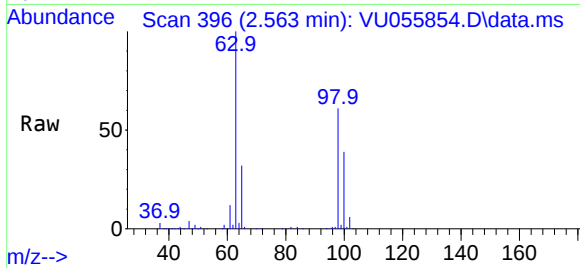
Tgt Ion: 96 Resp: 2060

Ion Ratio Lower Upper

96 100

61 1317.5 122.0 226.6#

63 10856.0 93.7 174.1#



#13

Acetone

Concen: 30.760 ug/L

RT: 2.618 min Scan# 413

Delta R.T. 0.000 min

Lab File: VU055854.D

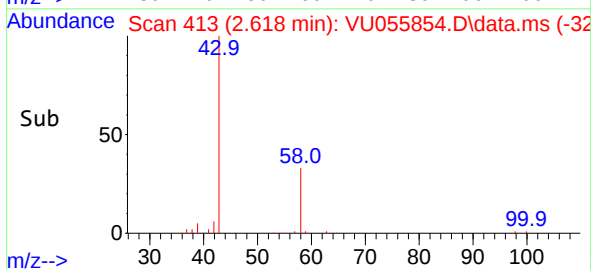
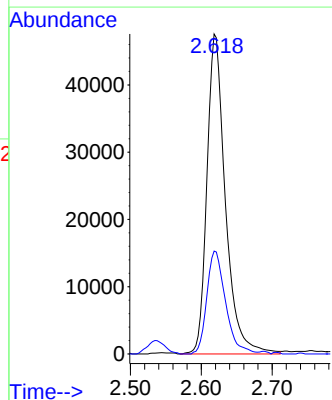
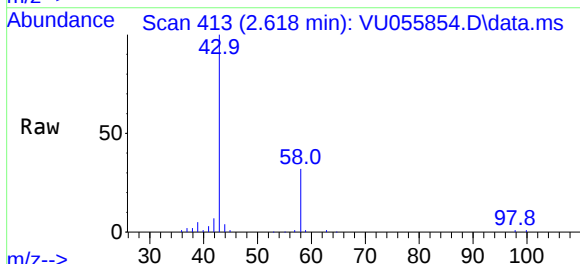
Acq: 23 Oct 2023 14:40

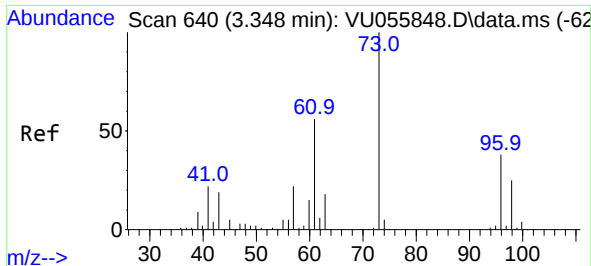
Tgt Ion: 43 Resp: 86123

Ion Ratio Lower Upper

43 100

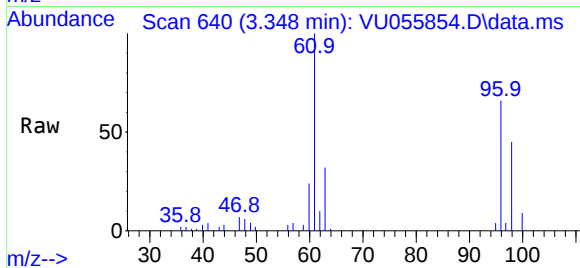
58 32.6 0.0 67.4



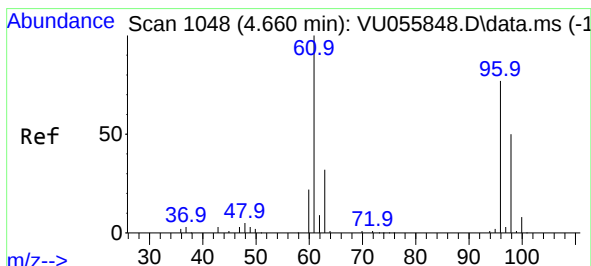
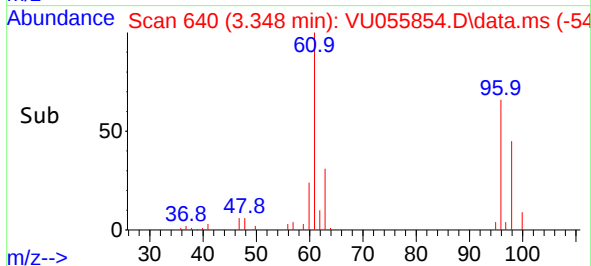
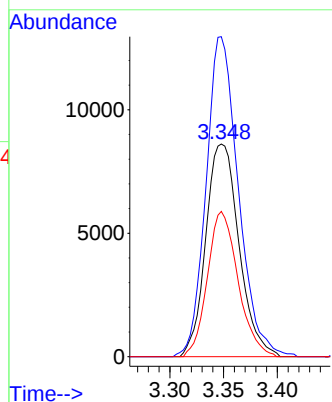


#17
trans-1,2-Dichloroethene
Concen: 5.631 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU055854.D
Acq: 23 Oct 2023 14:40

Instrument :
MSVOA_U
ClientSampleId :

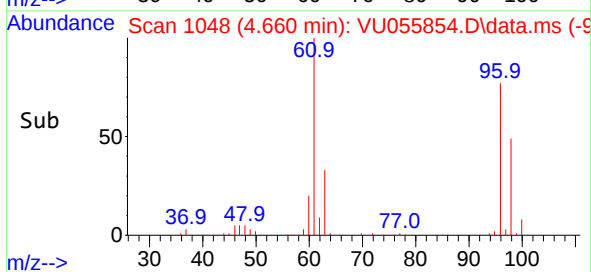
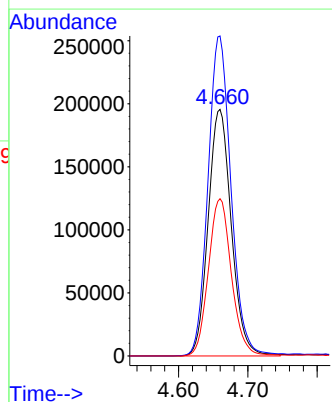
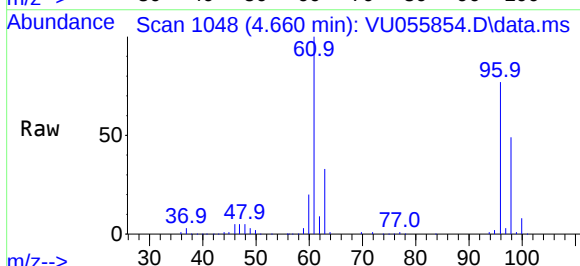


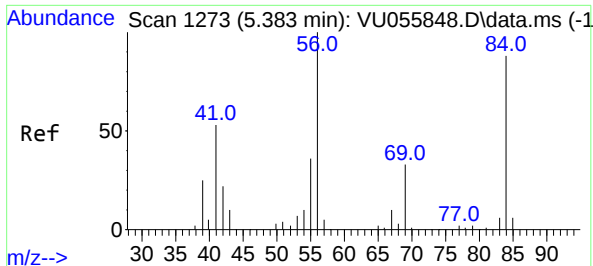
Tgt Ion: 96 Resp: 18532
Ion Ratio Lower Upper
96 100
61 150.5 102.1 189.7
98 68.3 46.3 86.1



#20
cis-1,2-Dichloroethene
Concen: 120.857 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU055854.D
Acq: 23 Oct 2023 14:40

Tgt Ion: 96 Resp: 453917
Ion Ratio Lower Upper
96 100
61 129.7 92.3 171.5
98 63.7 43.9 81.5





#29

Cyclohexane

Concen: 0.816 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. -0.003 min

Lab File: VU055854.D

Acq: 23 Oct 2023 14:40

Instrument :

MSVOA_U

ClientSampleId :

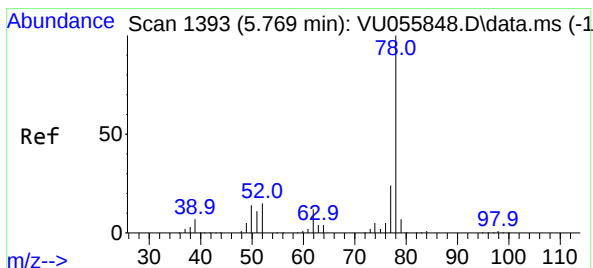
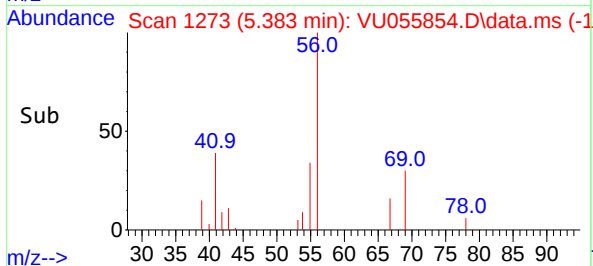
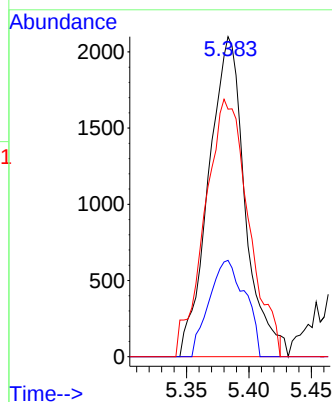
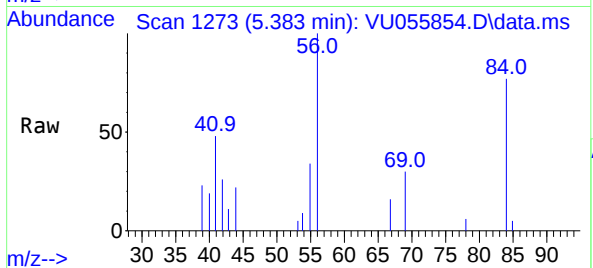
Tgt Ion: 56 Resp: 4246

Ion Ratio Lower Upper

56 100

69 29.9 24.9 37.3

84 94.3 70.7 106.1



#33

Benzene

Concen: 0.974 ug/L

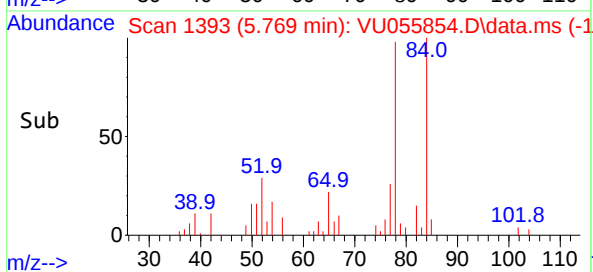
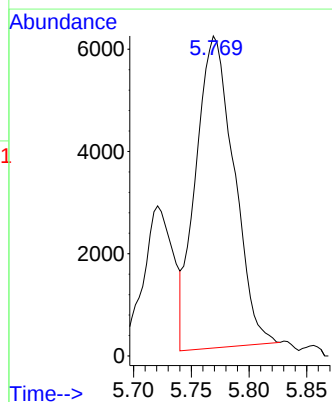
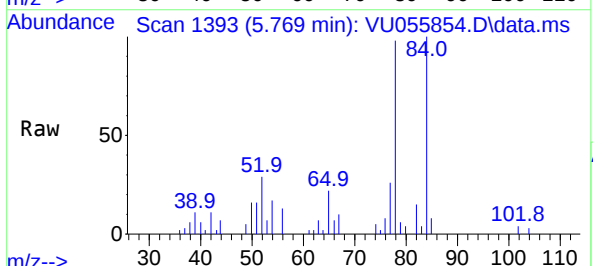
RT: 5.769 min Scan# 1393

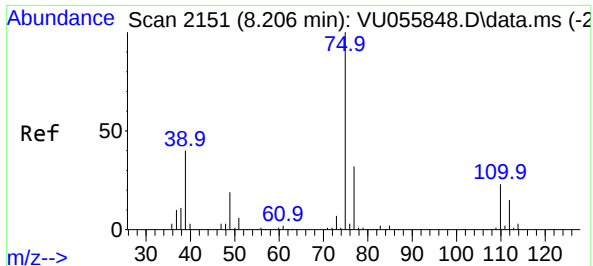
Delta R.T. 0.000 min

Lab File: VU055854.D

Acq: 23 Oct 2023 14:40

Tgt Ion: 78 Resp: 13988

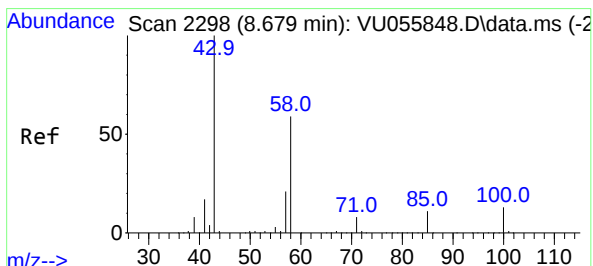
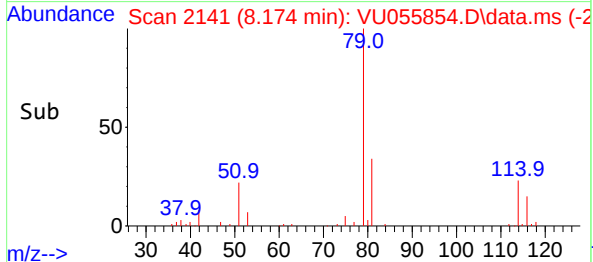
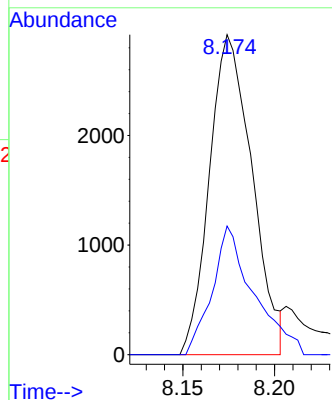
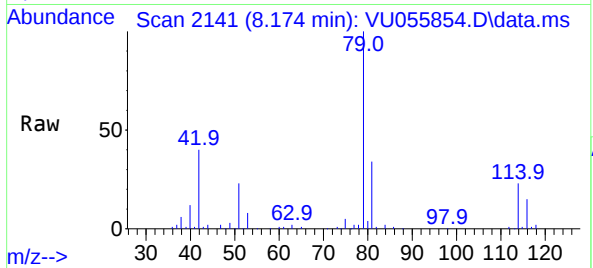




#44
trans-1,3-Dichloropropene
Concen: 0.820 ug/L
RT: 8.174 min Scan# 2151
Delta R.T. -0.032 min
Lab File: VU055854.D
Acq: 23 Oct 2023 14:40

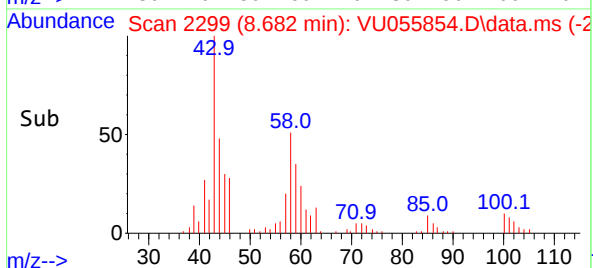
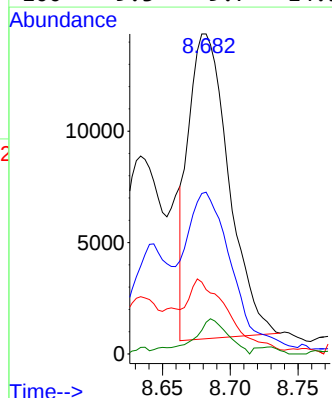
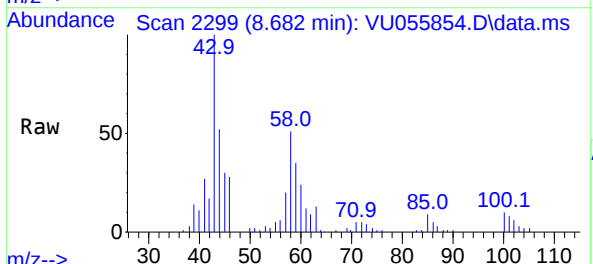
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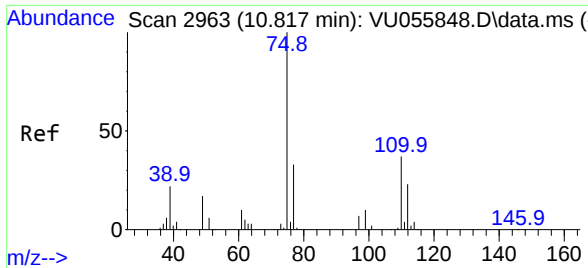
Tgt Ion: 75 Resp: 4716
Ion Ratio Lower Upper
75 100
77 40.2 21.6 40.2#



#48
2-Hexanone
Concen: 6.062 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VU055854.D
Acq: 23 Oct 2023 14:40

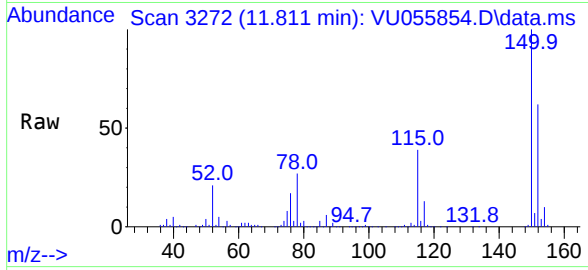
Tgt Ion: 43 Resp: 28157
Ion Ratio Lower Upper
43 100
58 59.6 45.2 67.8
57 24.9 16.1 24.1#
100 9.3 9.7 14.5#





#60
 1,2,3-Trichloropropane
 Concen: 5.883 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU055854.D
 Acq: 23 Oct 2023 14:40

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 28430

Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.8	38.8
110	2.8	28.5	42.7#

