

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091423\
 Data File : VU055332.D
 Acq On : 15 Sep 2023 03:01
 Operator : MD/SY
 Sample : 04380-15 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 15 06:47:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 15 02:53:52 2023
 Response via : Initial Calibration

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

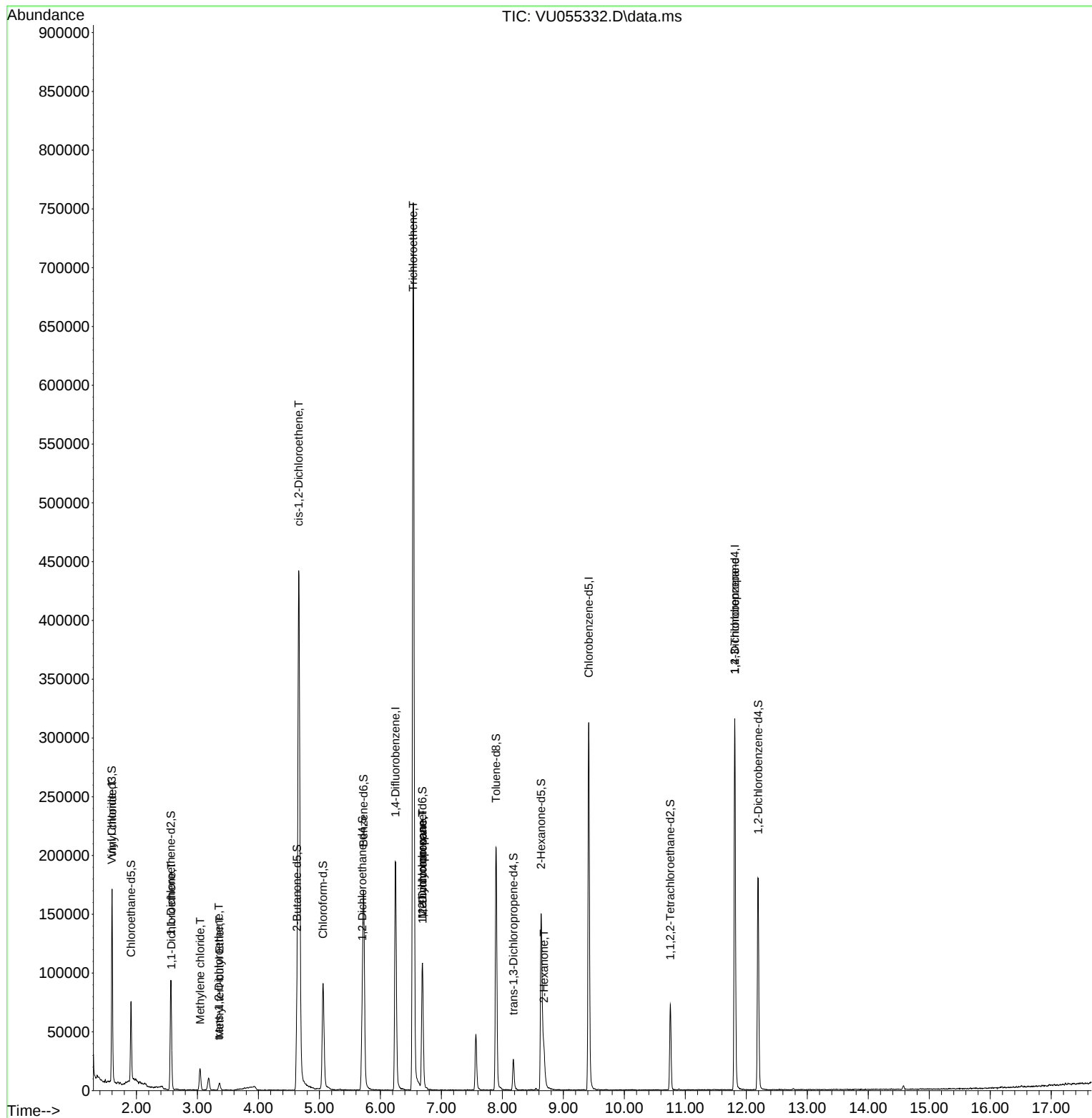
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	162379	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	171554	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	79873	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	45926	6.035	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 120.600%		
7) Chloroethane-d5	1.911	69	46969	5.332	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 106.600%		
11) 1,1-Dichloroethene-d2	2.563	65	18001	4.151	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 83.000%		
20) 2-Butanone-d5	4.631	46	87677	39.700	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 79.400%		
24) Chloroform-d	5.059	84	83774	4.148	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 83.000%		
26) 1,2-Dichloroethane-d4	5.702	65	41960	4.153	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 83.000%		
32) Benzene-d6	5.724	84	160856	3.799	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 76.000%		
36) 1,2-Dichloropropane-d6	6.689	67	51334	3.811	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 76.200%		
41) Toluene-d8	7.894	98	143352	3.675	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 73.400%		
43) trans-1,3-Dichloroprop...	8.181	79	15787	4.256	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 85.200%		
46) 2-Hexanone-d5	8.634	63	45897	30.480	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 60.960%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	35730	3.772	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 75.400%		
66) 1,2-Dichlorobenzene-d4	12.193	152	46258	3.968	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 79.400%#		
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	74307	7.332	ug/L	98
12) 1,1-Dichloroethene	2.573	96	1388	0.185	ug/L #	1
16) Methylene chloride	3.043	84	8606	0.750	ug/L	90
17) Methyl tert-butyl Ether	3.361	73	4484	0.228	ug/L #	89
18) trans-1,2-Dichloroethene	3.351	96	838	0.110	ug/L	87
22) cis-1,2-Dichloroethene	4.660	96	225970	24.237	ug/L	90
34) Trichloroethene	6.538	95	259323	25.556	ug/L	96
35) Methylcyclohexane	6.689	83	13274	0.932	ug/L #	19
37) 1,2-Dichloropropane	6.692	63	6076	0.611	ug/L #	91
48) 2-Hexanone	8.682	43	16571	3.731	ug/L #	92
61) 1,2,3-Trichloropropane	11.811	75	10823	2.042	ug/L #	69

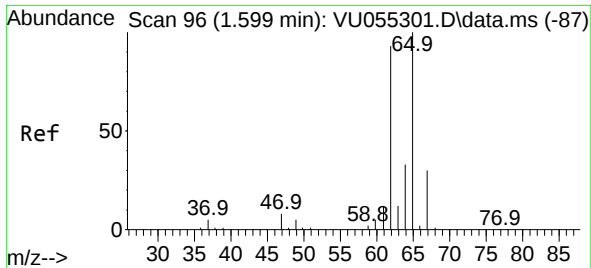
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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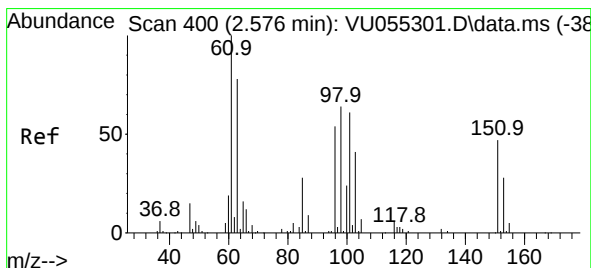
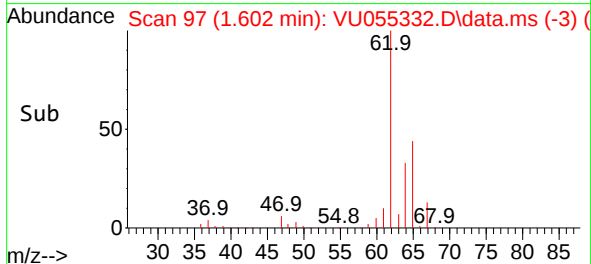
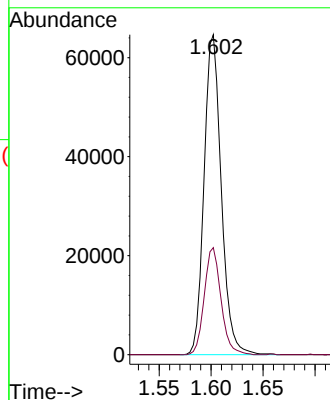
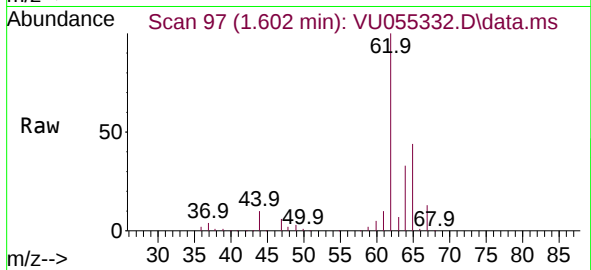




#5
 Vinyl chloride
 Concen: 7.332 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VU055332.D
 Acq: 15 Sep 2023 03:01

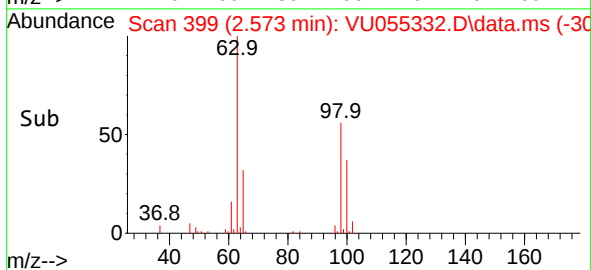
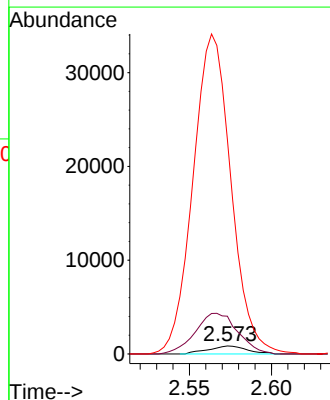
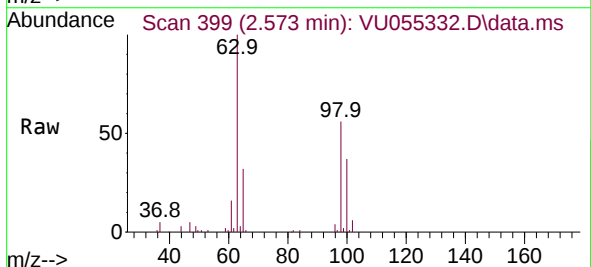
Instrument :
 MSVOA_U
 ClientSampleId :

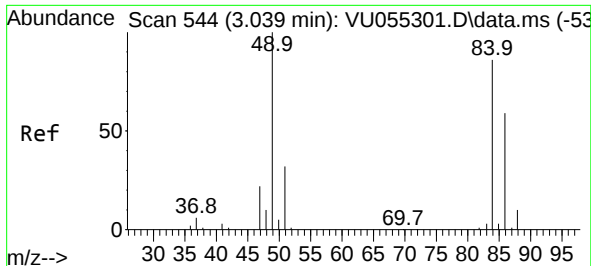
Tgt Ion: 62 Resp: 74307
 Ion Ratio Lower Upper
 62 100
 64 33.5 24.2 45.0



#12
 1,1-Dichloroethene
 Concen: 0.185 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU055332.D
 Acq: 15 Sep 2023 03:01

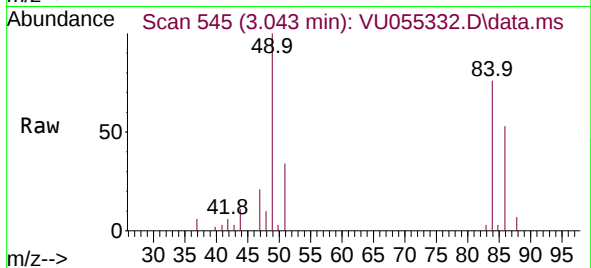
Tgt Ion: 96 Resp: 1388
 Ion Ratio Lower Upper
 96 100
 61 383.5 120.8 224.4#
 63 2177.5 94.5 175.5#





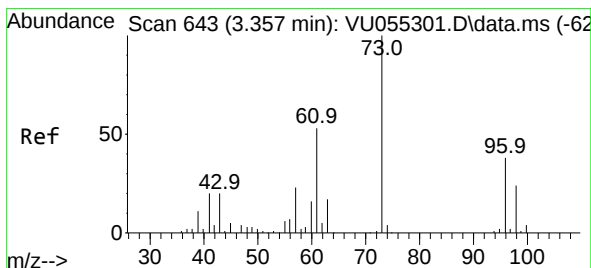
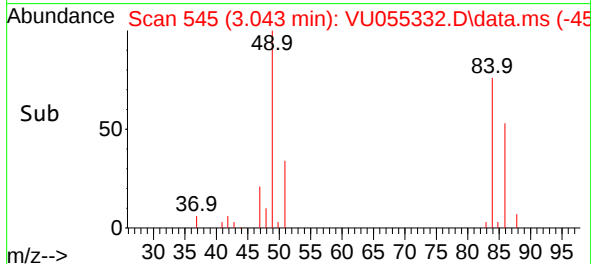
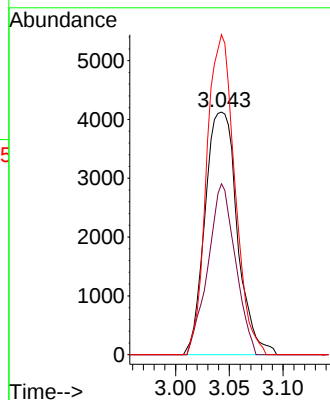
#16
Methylene chloride
Concen: 0.750 ug/L
RT: 3.043 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU055332.D
Acq: 15 Sep 2023 03:01

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 8606

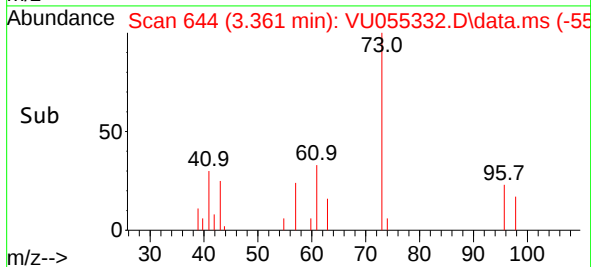
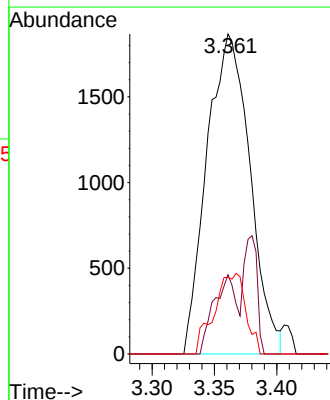
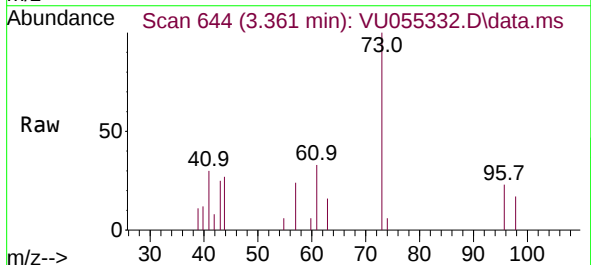
Ion	Ratio	Lower	Upper
84	100		
86	70.4	43.4	80.6
49	135.6	87.7	162.9

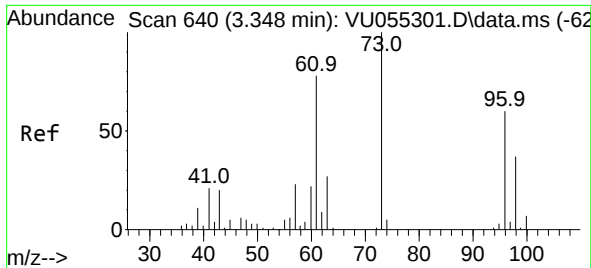


#17
Methyl tert-butyl Ether
Concen: 0.228 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU055332.D
Acq: 15 Sep 2023 03:01

Tgt Ion: 73 Resp: 4484

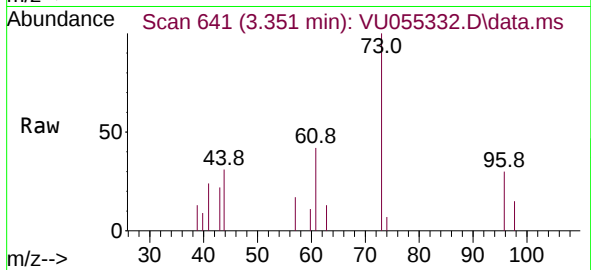
Ion	Ratio	Lower	Upper
73	100		
43	13.0	16.2	24.2
57	18.4	17.4	26.2



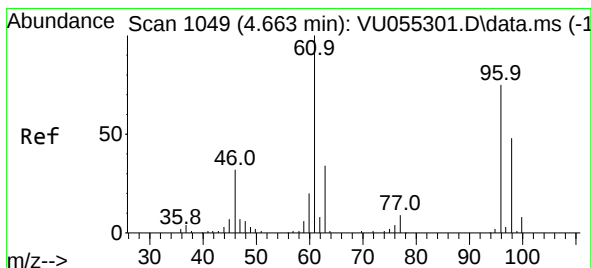
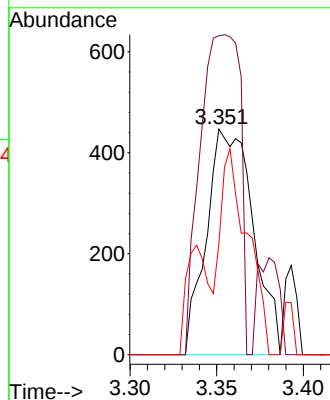
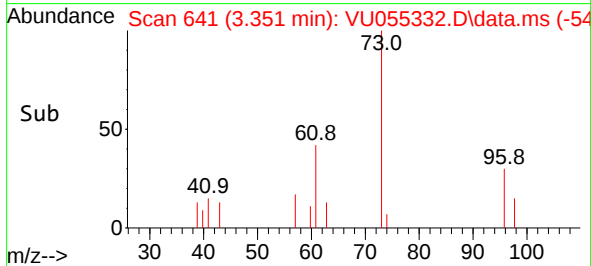


#18
 trans-1,2-Dichloroethene
 Concen: 0.110 ug/L
 RT: 3.351 min Scan# 641
 Delta R.T. 0.003 min
 Lab File: VU055332.D
 Acq: 15 Sep 2023 03:01

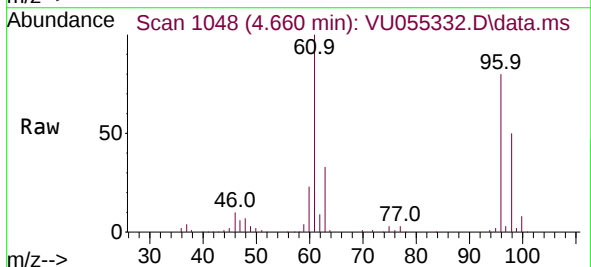
Instrument :
 MSVOA_U
 ClientSampleId :



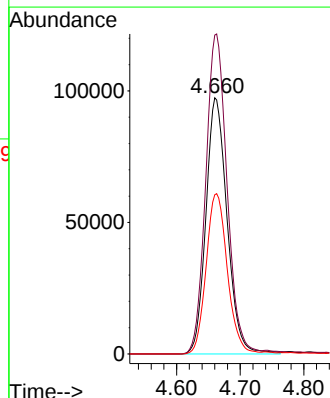
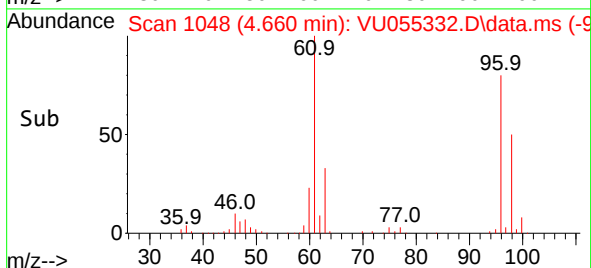
Tgt Ion: 96 Resp: 838
 Ion Ratio Lower Upper
 96 100
 61 141.4 108.1 200.9
 98 49.2 45.4 84.4

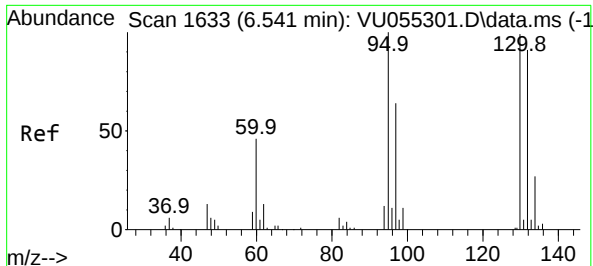


#22
 cis-1,2-Dichloroethene
 Concen: 24.237 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.003 min
 Lab File: VU055332.D
 Acq: 15 Sep 2023 03:01



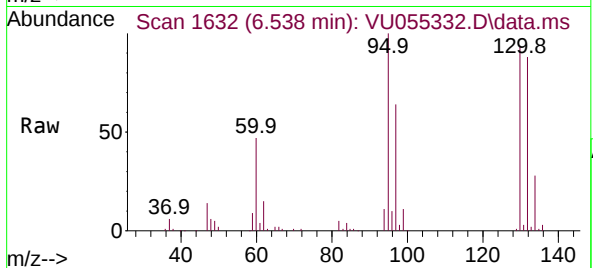
Tgt Ion: 96 Resp: 225970
 Ion Ratio Lower Upper
 96 100
 61 124.5 97.2 180.4
 98 62.2 46.1 85.7



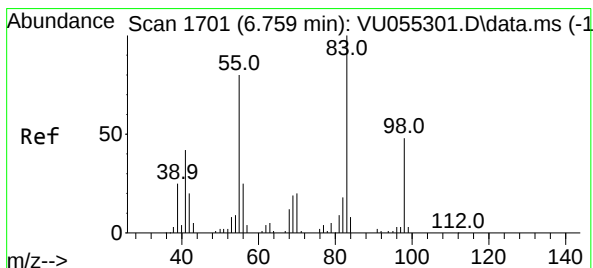
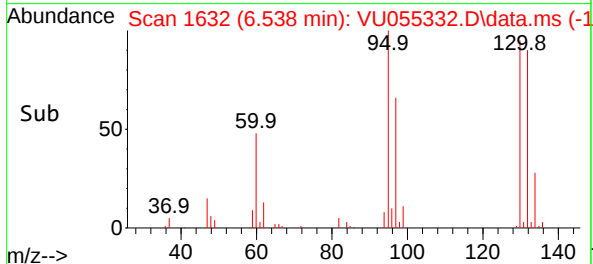
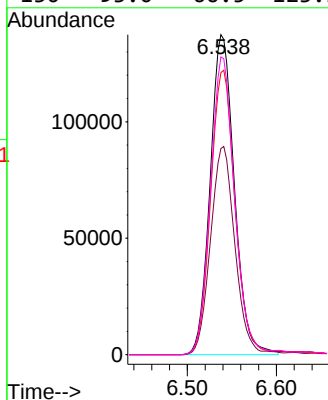


#34
Trichloroethene
Concen: 25.556 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VU055332.D
Acq: 15 Sep 2023 03:01

Instrument :
MSVOA_U
ClientSampleId :

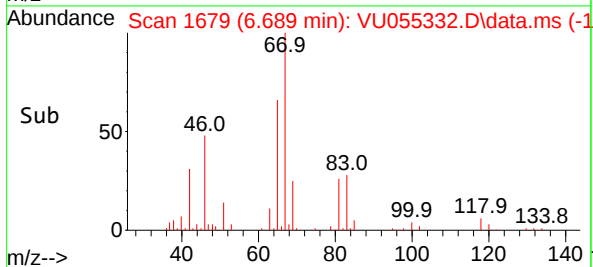
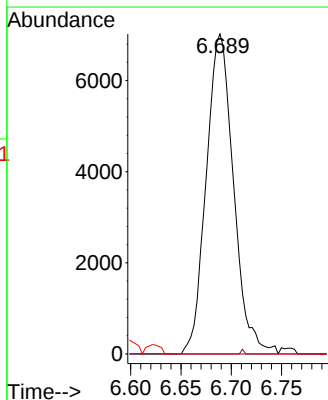
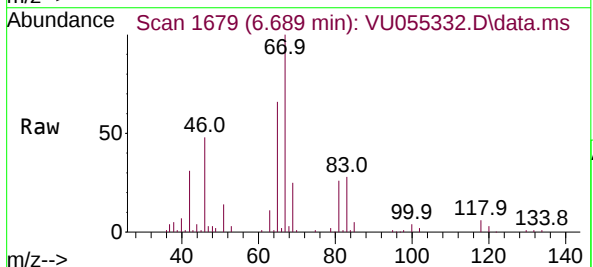


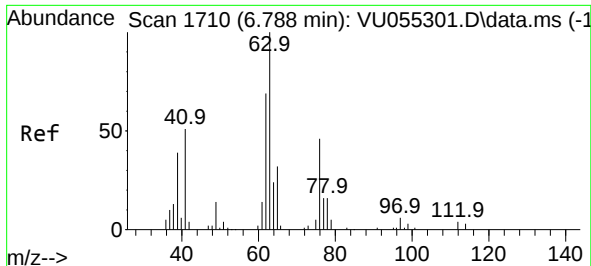
Tgt Ion: 95 Resp: 259323
Ion Ratio Lower Upper
95 100
97 64.5 44.7 83.1
132 88.2 66.6 123.6
130 93.0 66.5 123.5



#35
Methylcyclohexane
Concen: 0.932 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.070 min
Lab File: VU055332.D
Acq: 15 Sep 2023 03:01

Tgt Ion: 83 Resp: 13274
Ion Ratio Lower Upper
83 100
55 0.1 60.4 90.6#
98 0.0 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.611 ug/L

RT: 6.692 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU055332.D

Acq: 15 Sep 2023 03:01

Instrument :

MSVOA_U

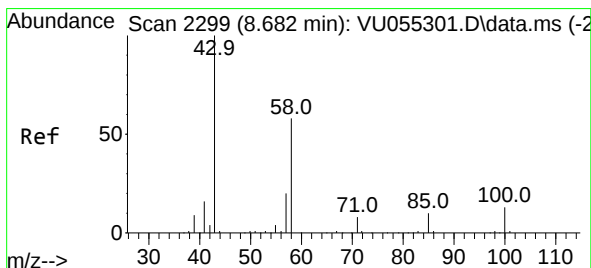
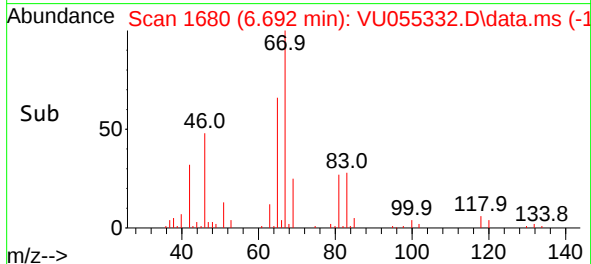
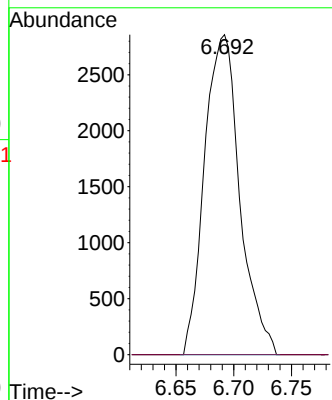
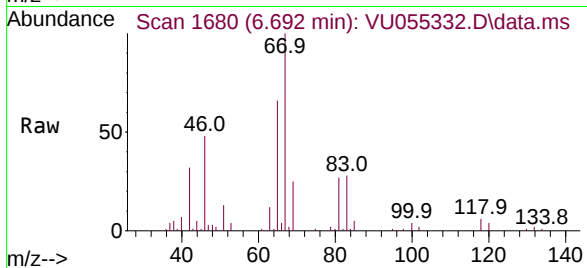
ClientSampleId :

Tgt Ion: 63 Resp: 6076

Ion Ratio Lower Upper

63 100

112 1.1 3.2 4.8#



#48

2-Hexanone

Concen: 3.731 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VU055332.D

Acq: 15 Sep 2023 03:01

Tgt Ion: 43 Resp: 16571

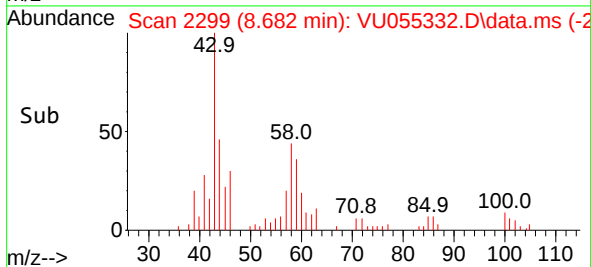
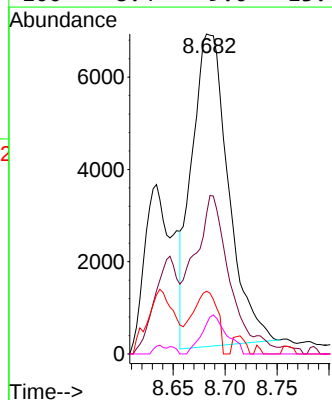
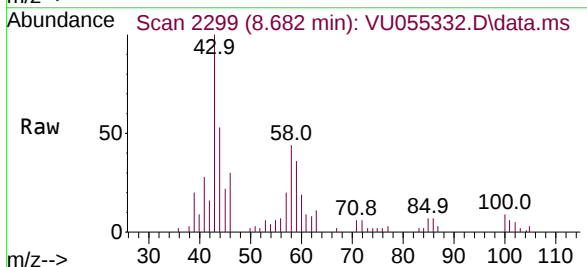
Ion Ratio Lower Upper

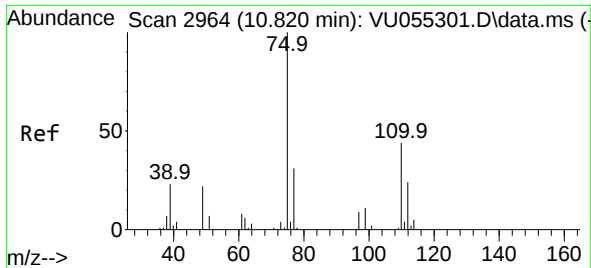
43 100

58 50.4 44.0 66.0

57 13.6 16.2 24.2#

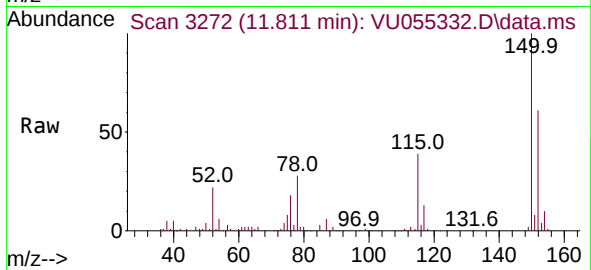
100 8.4 9.0 13.4#





#61
 1,2,3-Trichloropropane
 Concen: 2.042 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.991 min
 Lab File: VU055332.D
 Acq: 15 Sep 2023 03:01

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 10823
 Ion Ratio Lower Upper
 75 100
 110 1.5 28.2 42.2#
 77 31.6 26.2 39.4

