

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091523\
 Data File : VU055353.D
 Acq On : 15 Sep 2023 21:04
 Operator : MD/SY
 Sample : 04380-02DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 16 00:45:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 16 00:42:29 2023
 Response via : Initial Calibration

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

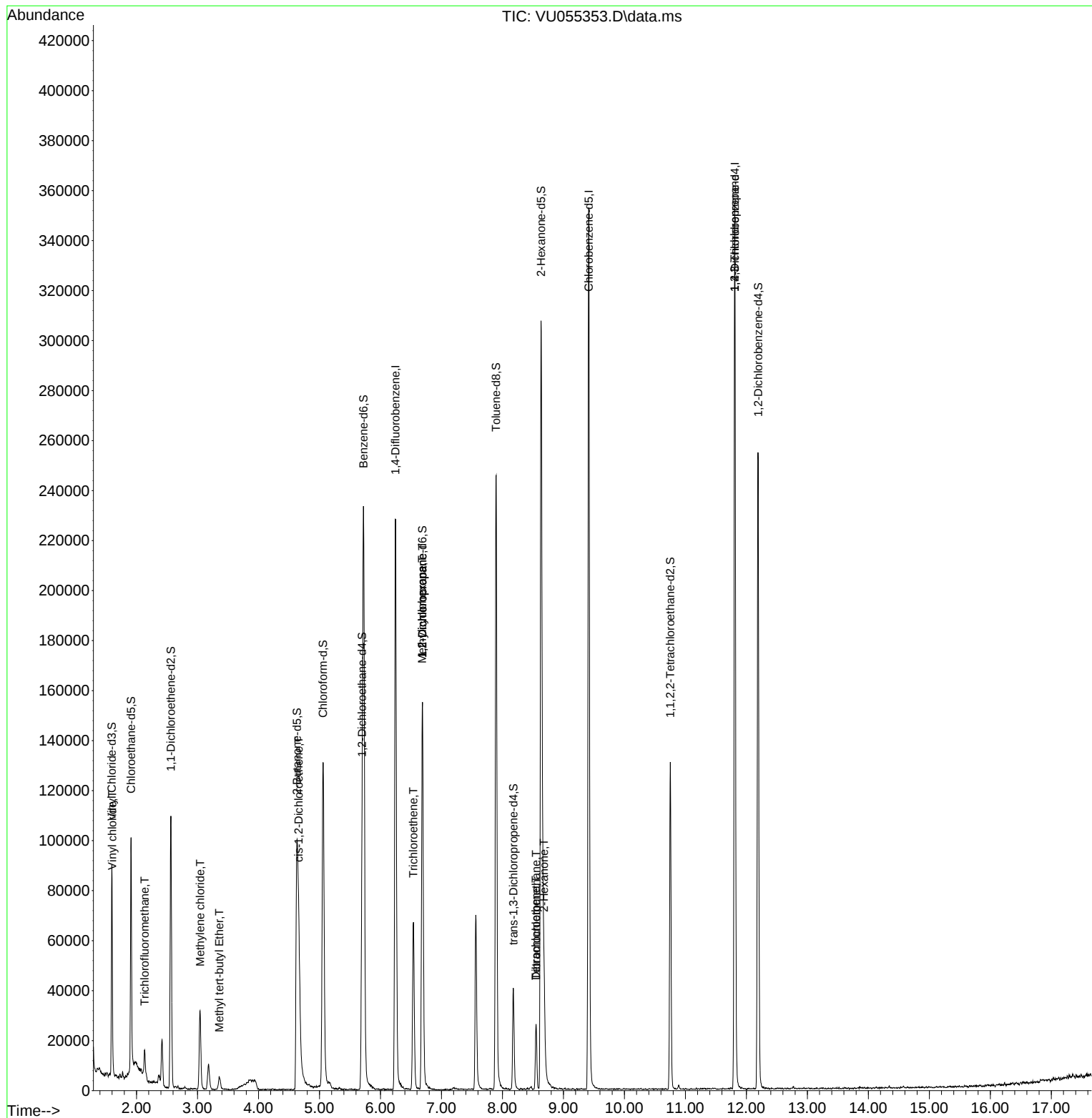
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	185047	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	190873	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	90432	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	55625	5.230	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.600%
7) Chloroethane-d5	1.911	69	64753	5.394	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.800%
11) 1,1-Dichloroethene-d2	2.563	65	20383	5.298	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.000%
20) 2-Butanone-d5	4.631	46	174182	59.223	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.440%
24) Chloroform-d	5.058	84	123444	5.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.698	65	69784	5.822	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.400%
32) Benzene-d6	5.724	84	215372	5.383	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
36) 1,2-Dichloropropane-d6	6.688	67	75430	5.533	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.600%
41) Toluene-d8	7.894	98	167059	4.843	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	8.180	79	23610	4.880	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.600%
46) 2-Hexanone-d5	8.634	63	96362	54.750	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.500%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	63516	5.357	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	63900	5.487	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	4506	0.246	ug/L	90
9) Trichlorofluoromethane	2.132	101	6403	0.218	ug/L	98
16) Methylene chloride	3.042	84	14994	0.774	ug/L	98
17) Methyl tert-butyl Ether	3.357	73	5260	0.169	ug/L #	81
22) cis-1,2-Dichloroethene	4.660	96	12912	0.771	ug/L	92
34) Trichloroethene	6.541	95	22842	1.270	ug/L	91
35) Methylcyclohexane	6.685	83	17546	0.671	ug/L #	20
37) 1,2-Dichloropropane	6.688	63	8001	0.482	ug/L #	89
47) Tetrachloroethene	8.550	164	5434	0.441	ug/L	90
48) 2-Hexanone	8.682	43	22298	3.758	ug/L #	88
49) Dibromochloromethane	8.553	129	5343	0.454	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	11834	1.351	ug/L #	65

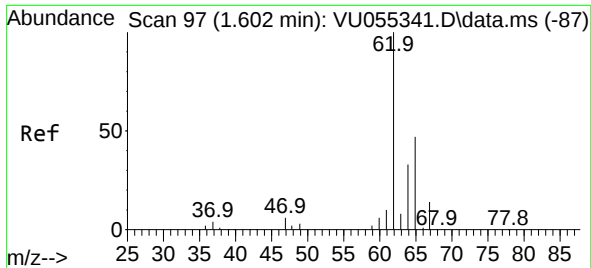
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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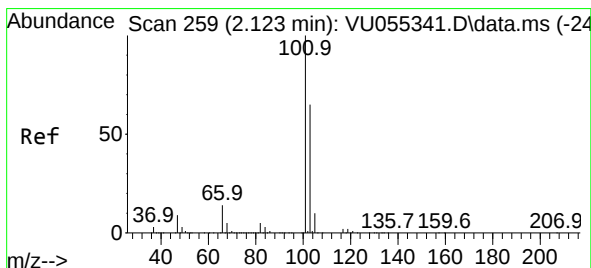
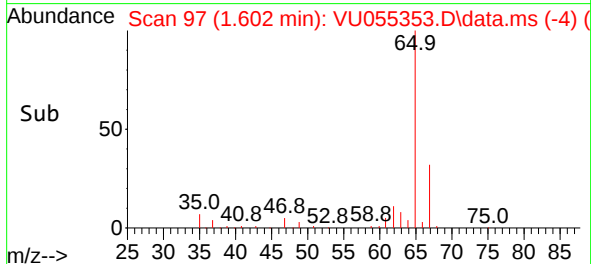
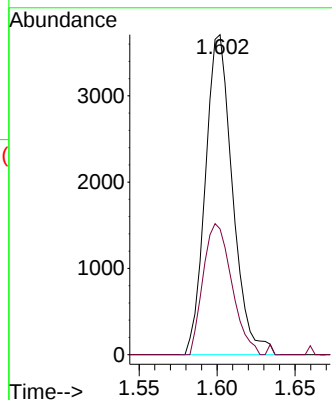
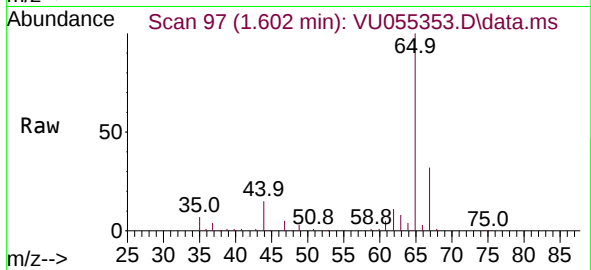




#5
 Vinyl chloride
 Concen: 0.246 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055353.D
 Acq: 15 Sep 2023 21:04

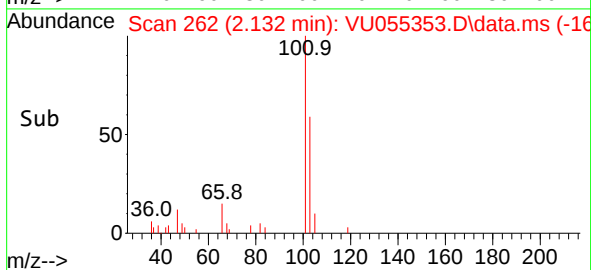
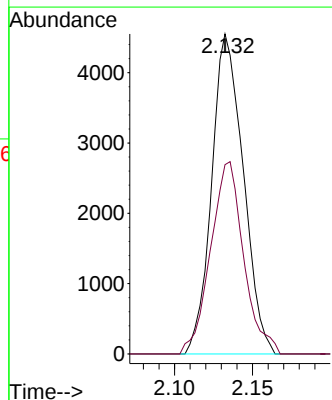
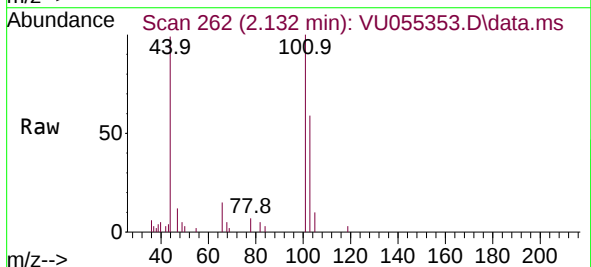
Instrument :
 MSVOA_U
 ClientSampleId :

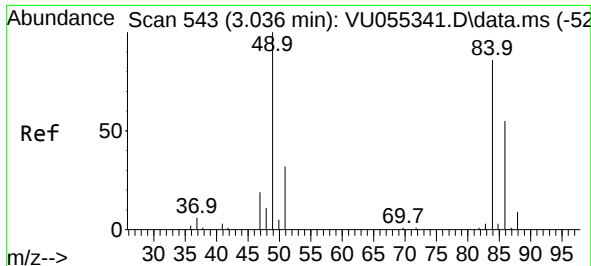
Tgt Ion: 62 Resp: 4506
 Ion Ratio Lower Upper
 62 100
 64 39.3 23.4 43.6



#9
 Trichlorofluoromethane
 Concen: 0.218 ug/L
 RT: 2.132 min Scan# 262
 Delta R.T. 0.010 min
 Lab File: VU055353.D
 Acq: 15 Sep 2023 21:04

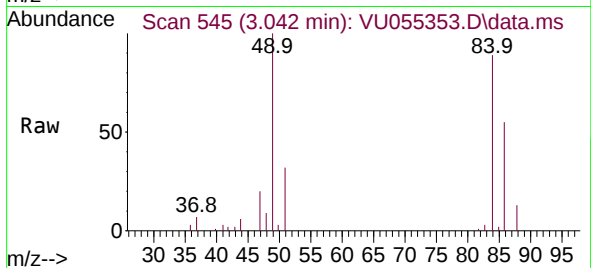
Tgt Ion: 101 Resp: 6403
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.8 77.8



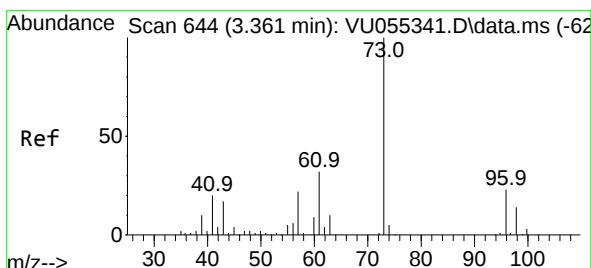
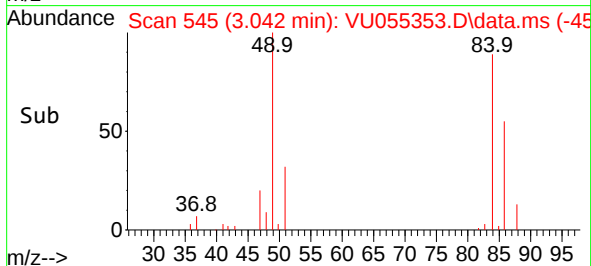
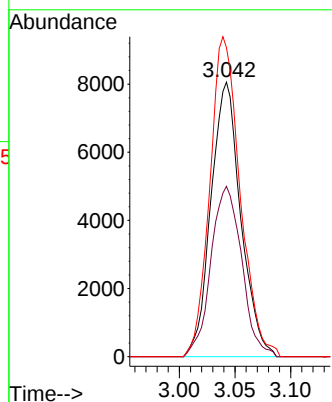


#16
Methylene chloride
Concen: 0.774 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.006 min
Lab File: VU055353.D
Acq: 15 Sep 2023 21:04

Instrument :
MSVOA_U
ClientSampleId :

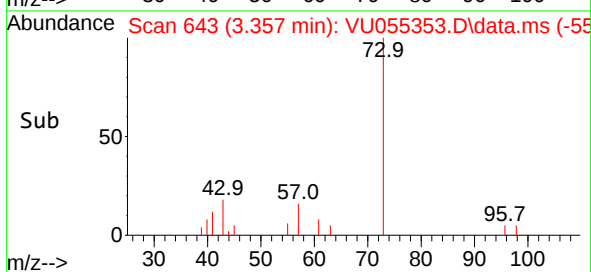
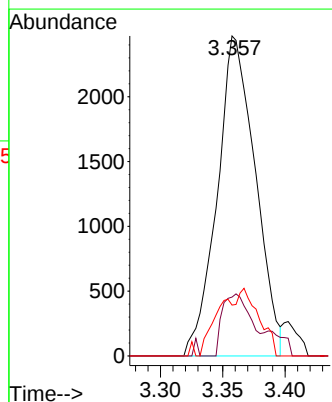
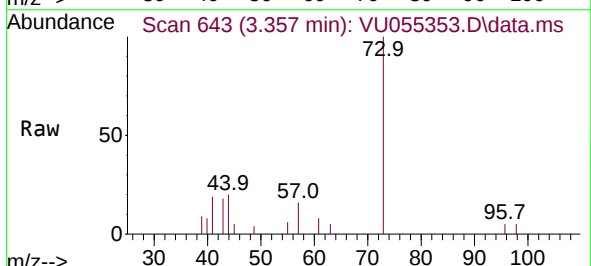


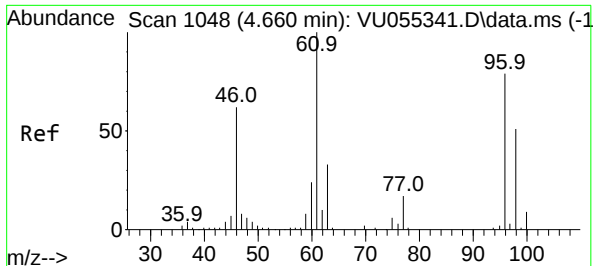
Tgt Ion: 84 Resp: 14994
Ion Ratio Lower Upper
84 100
86 62.1 42.4 78.8
49 116.2 79.9 148.3



#17
Methyl tert-butyl Ether
Concen: 0.169 ug/L
RT: 3.357 min Scan# 643
Delta R.T. -0.003 min
Lab File: VU055353.D
Acq: 15 Sep 2023 21:04

Tgt Ion: 73 Resp: 5260
Ion Ratio Lower Upper
73 100
43 14.3 16.0 24.0#
57 9.3 17.2 25.8#





#22

cis-1,2-Dichloroethene

Concen: 0.771 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.000 min

Lab File: VU055353.D

Acq: 15 Sep 2023 21:04

Instrument :

MSVOA_U

ClientSampleId :

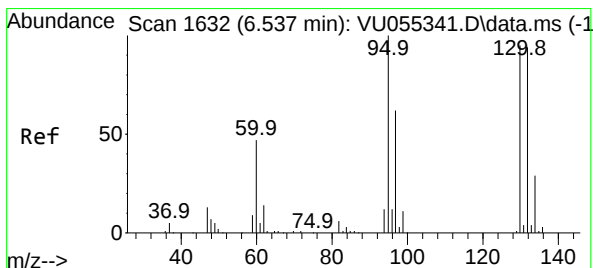
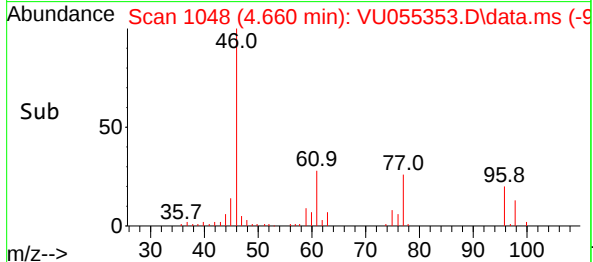
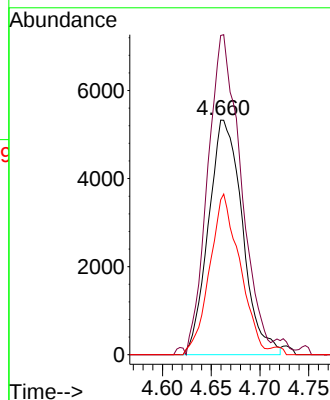
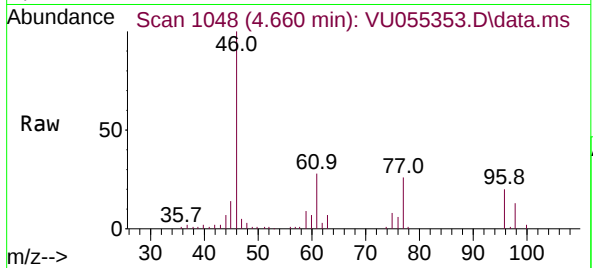
Tgt Ion: 96 Resp: 12912

Ion Ratio Lower Upper

96 100

61 136.0 88.1 163.7

98 66.0 43.5 80.7



#34

Trichloroethene

Concen: 1.270 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.003 min

Lab File: VU055353.D

Acq: 15 Sep 2023 21:04

Tgt Ion: 95 Resp: 22842

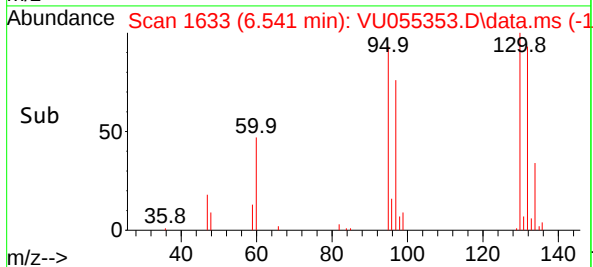
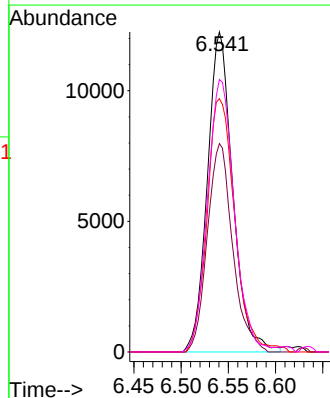
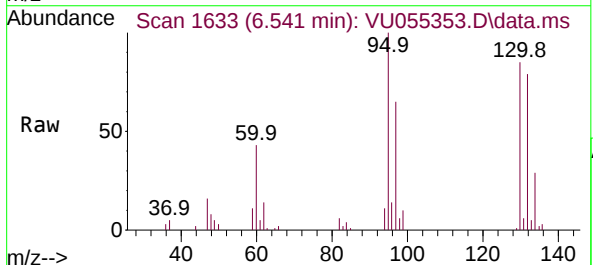
Ion Ratio Lower Upper

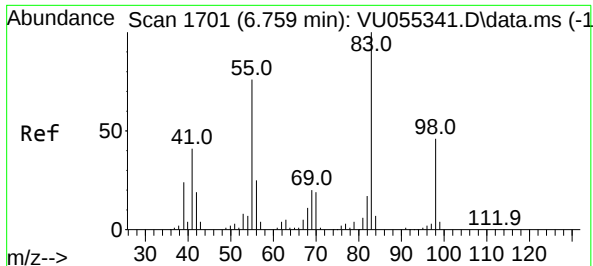
95 100

97 65.1 47.4 88.0

132 79.1 60.5 112.3

130 85.2 68.5 127.1





#35

Methylcyclohexane

Concen: 0.671 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU055353.D

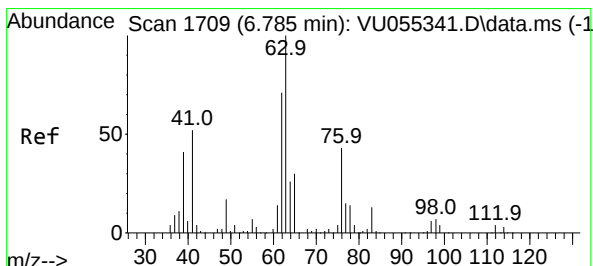
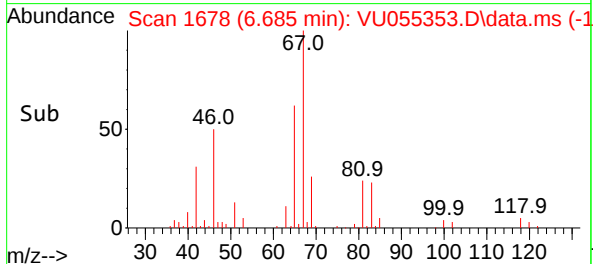
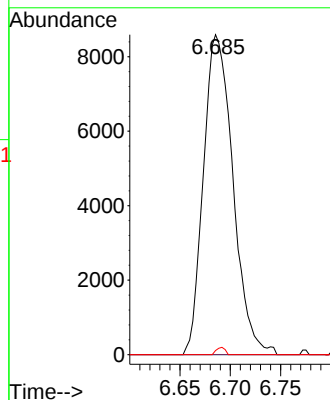
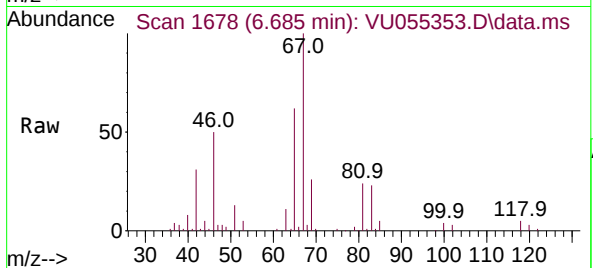
Acq: 15 Sep 2023 21:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 17546
Ion Ratio	Lower Upper
83 100	
55 0.0	58.7 88.1#
98 0.7	36.3 54.5#



#37

1,2-Dichloropropane

Concen: 0.482 ug/L

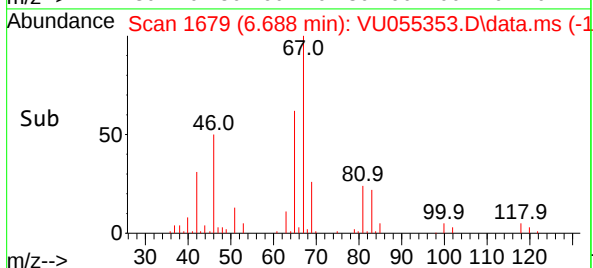
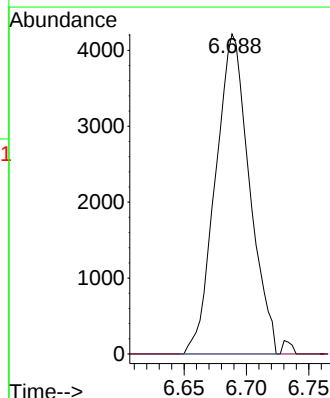
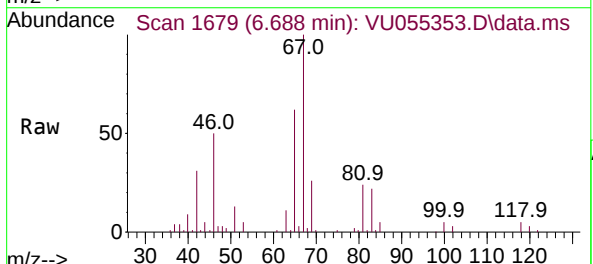
RT: 6.688 min Scan# 1679

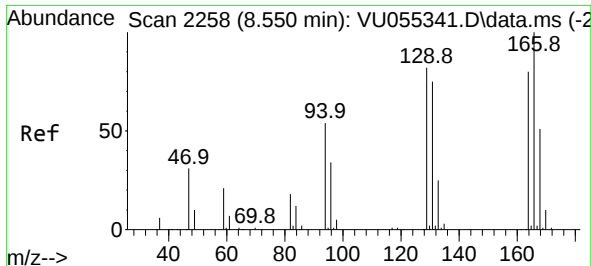
Delta R.T. -0.097 min

Lab File: VU055353.D

Acq: 15 Sep 2023 21:04

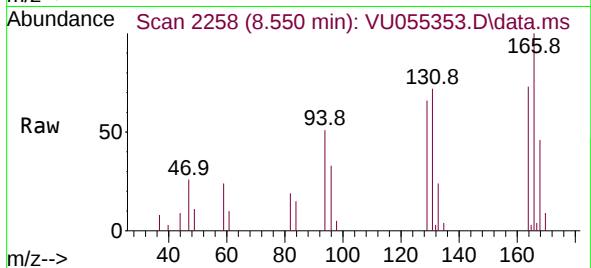
Tgt Ion: 63	Resp: 8001
Ion Ratio	Lower Upper
63 100	
112 0.0	3.0 4.4#





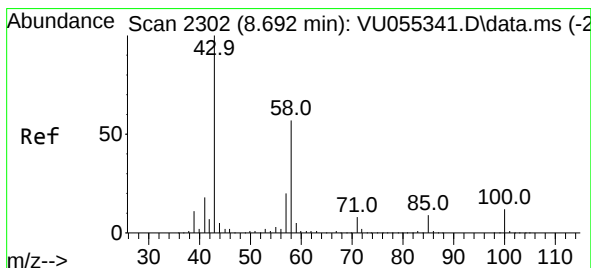
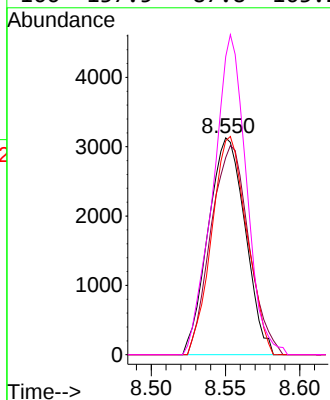
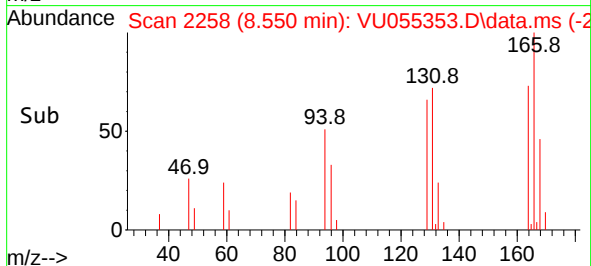
#47
Tetrachloroethene
Concen: 0.441 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055353.D
Acq: 15 Sep 2023 21:04

Instrument :
MSVOA_U
ClientSampleId :

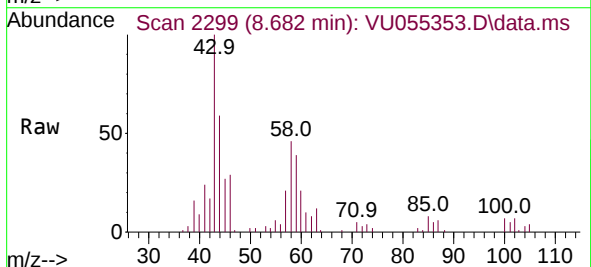


Tgt Ion:164 Resp: 5434

Ion	Ratio	Lower	Upper
164	100		
129	90.9	76.3	141.7
131	98.7	69.1	128.3
166	137.5	87.8	163.2

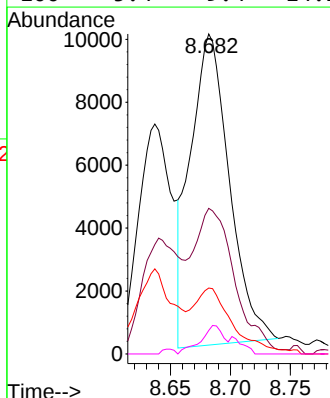
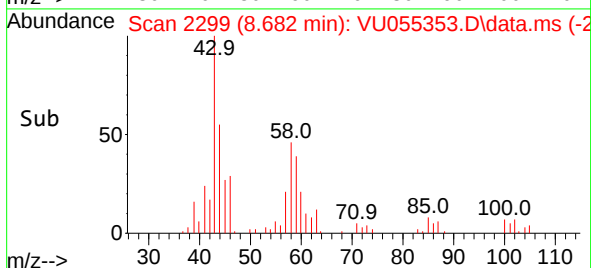


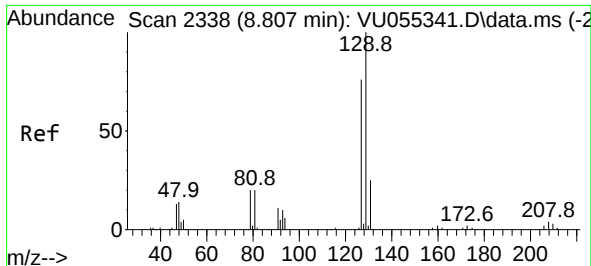
#48
2-Hexanone
Concen: 3.758 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.010 min
Lab File: VU055353.D
Acq: 15 Sep 2023 21:04



Tgt Ion: 43 Resp: 22298

Ion	Ratio	Lower	Upper
43	100		
58	49.4	47.8	71.6
57	21.7	15.4	23.2
100	5.4	9.4	14.2





#49

Dibromochloromethane

Concen: 0.454 ug/L

RT: 8.553 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU055353.D

Acq: 15 Sep 2023 21:04

Instrument :

MSVOA_U

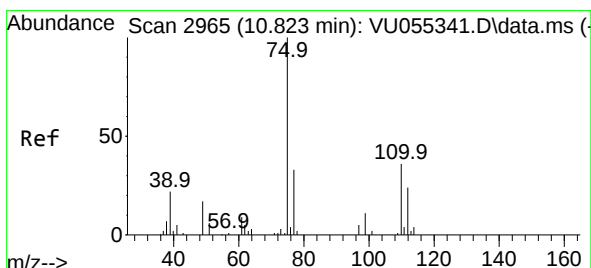
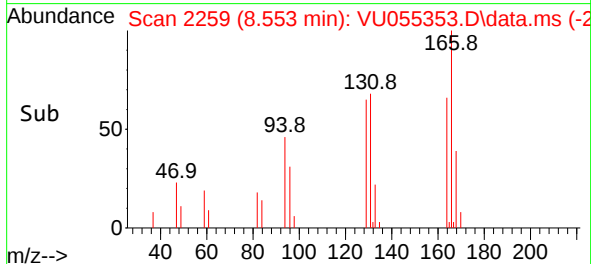
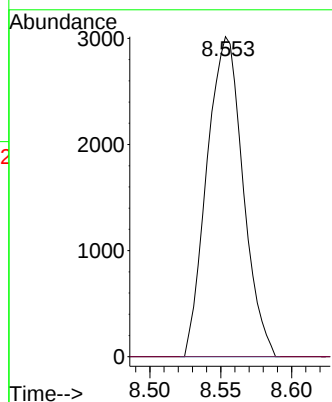
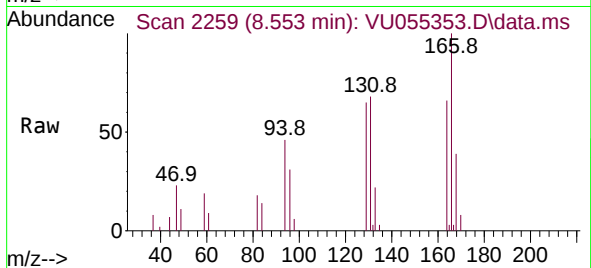
ClientSampleId :

Tgt Ion:129 Resp: 5343

Ion Ratio Lower Upper

129 100

127 0.0 53.4 99.2#



#61

1,2,3-Trichloropropane

Concen: 1.351 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.984 min

Lab File: VU055353.D

Acq: 15 Sep 2023 21:04

Tgt Ion: 75 Resp: 11834

Ion Ratio Lower Upper

75 100

110 3.4 31.4 47.2#

77 36.5 26.0 39.0

