

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055102.D
 Acq On : 05 Sep 2023 18:26
 Operator : MD/SY
 Sample : 04250-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 02:19:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 02:14:32 2023
 Response via : Initial Calibration

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

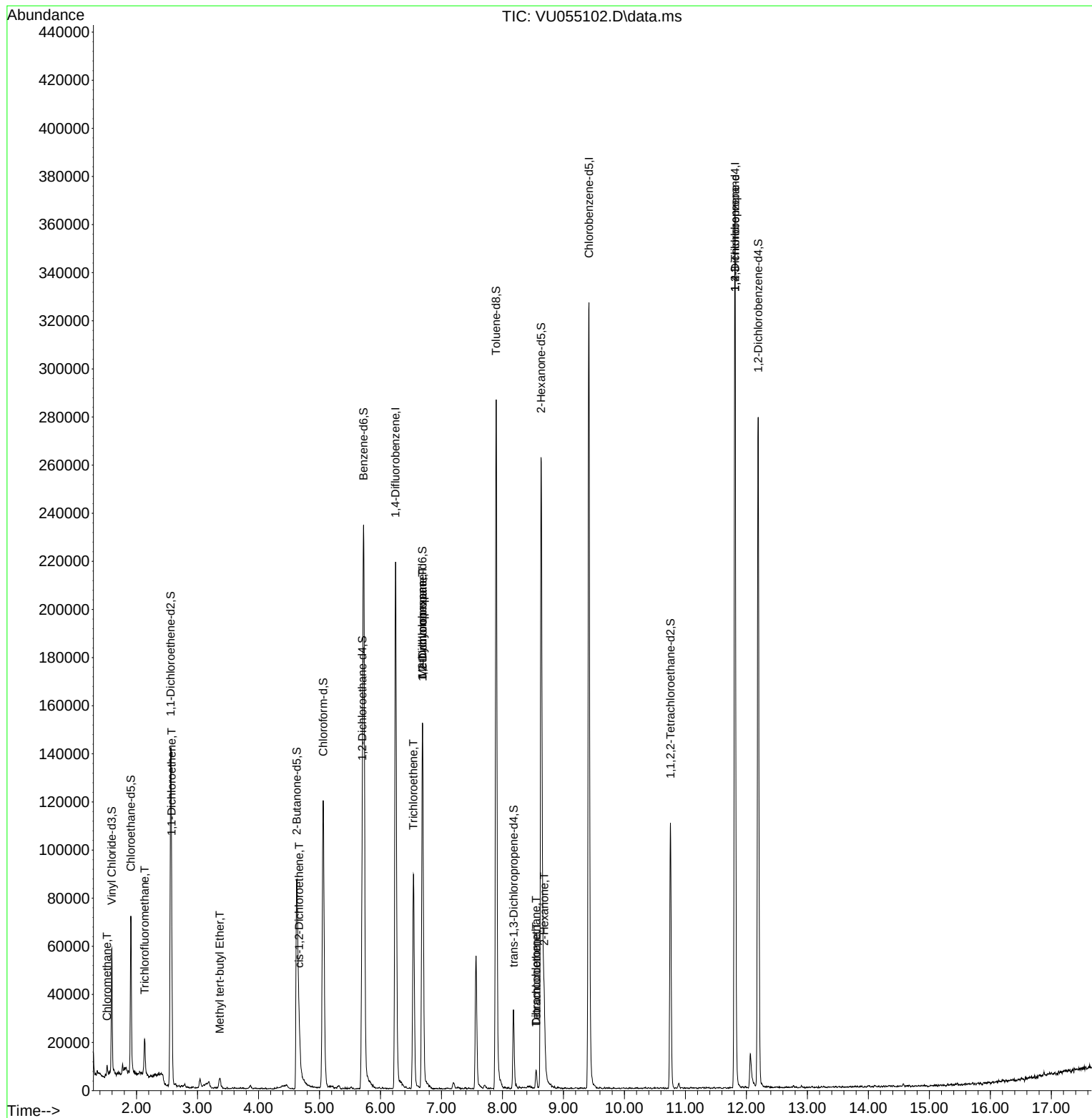
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	174225	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	177373	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	93041	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	38145	4.671	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.907	69	46169	4.885	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.560	65	23209	4.988	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.800%
20) 2-Butanone-d5	4.628	46	140258	59.191	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.380%
24) Chloroform-d	5.062	84	108771	5.020	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.701	65	59489	5.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	5.724	84	216730	4.950	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.689	67	74231	5.331	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.897	98	190095	4.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	8.184	79	18448	4.811	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.634	63	82910	53.253	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.500%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	52797	5.391	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	70676	5.204	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	3378	0.328	ug/L	96
9) Trichlorofluoromethane	2.132	101	8744	0.553	ug/L	94
12) 1,1-Dichloroethene	2.576	96	12752	1.583	ug/L #	40
17) Methyl tert-butyl Ether	3.364	73	4424	0.209	ug/L #	66
22) cis-1,2-Dichloroethene	4.666	96	5193	0.519	ug/L	99
34) Trichloroethene	6.541	95	29313	2.794	ug/L	98
35) Methylcyclohexane	6.689	83	17250	1.172	ug/L #	20
37) 1,2-Dichloropropane	6.692	63	8120	0.790	ug/L #	88
47) Tetrachloroethene	8.557	164	1420	0.196	ug/L	90
48) 2-Hexanone	8.685	43	18113	3.944	ug/L #	89
49) Dibromochloromethane	8.553	129	1532	0.203	ug/L #	9
61) 1,2,3-Trichloropropane	11.814	75	12246	1.983	ug/L #	66

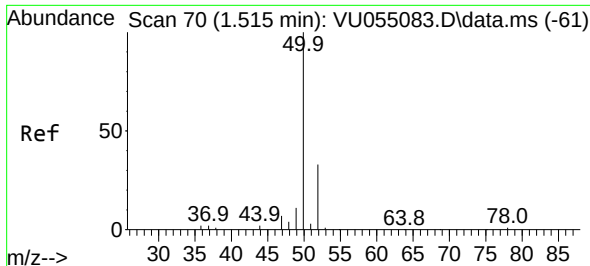
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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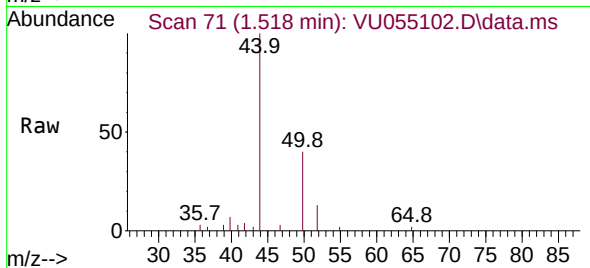
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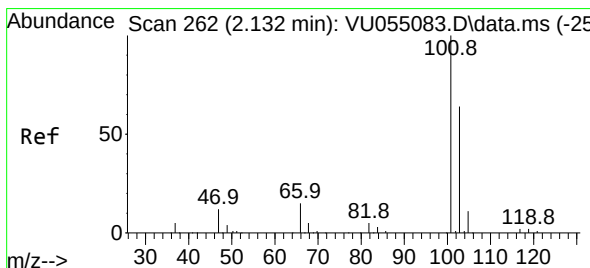
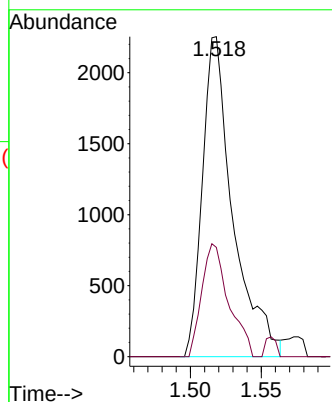
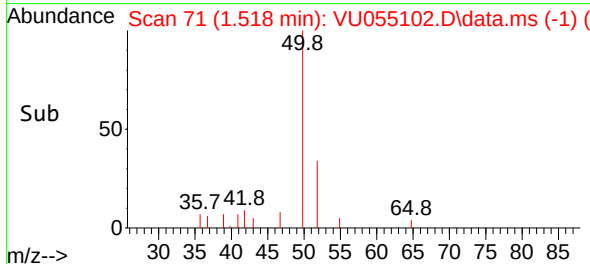


#3
Chloromethane
Concen: 0.328 ug/L
RT: 1.518 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU055102.D
Acq: 05 Sep 2023 18:26

Instrument :
MSVOA_U
ClientSampleId :

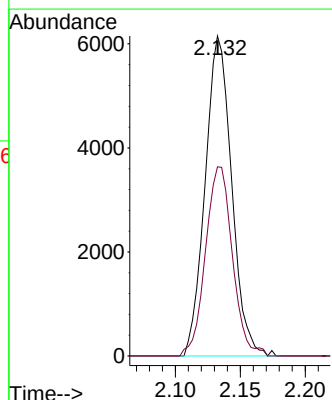
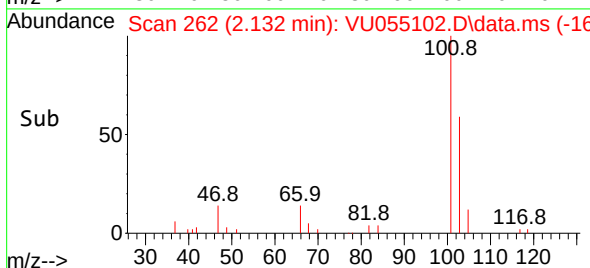
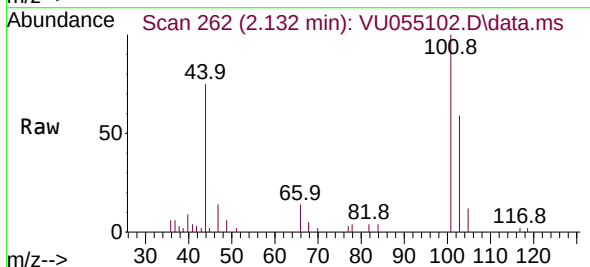


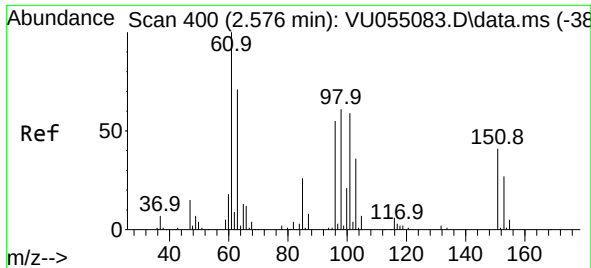
Tgt Ion: 50 Resp: 3378
Ion Ratio Lower Upper
50 100
52 34.1 22.5 41.7



#9
Trichlorofluoromethane
Concen: 0.553 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU055102.D
Acq: 05 Sep 2023 18:26

Tgt Ion: 101 Resp: 8744
Ion Ratio Lower Upper
101 100
103 60.0 51.9 77.9

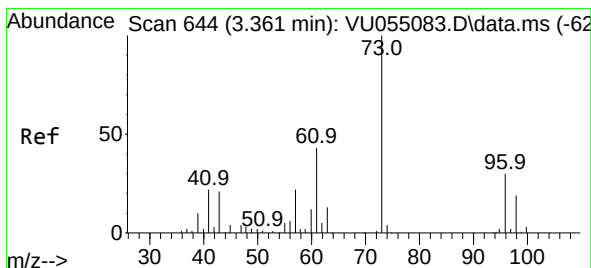
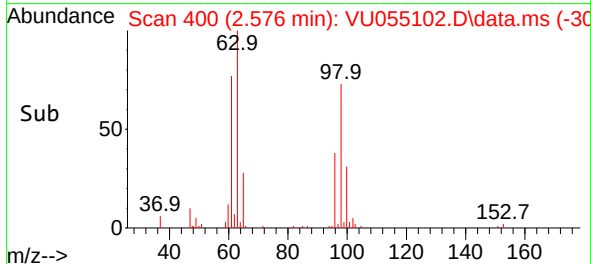
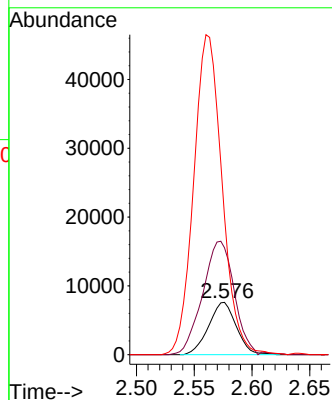
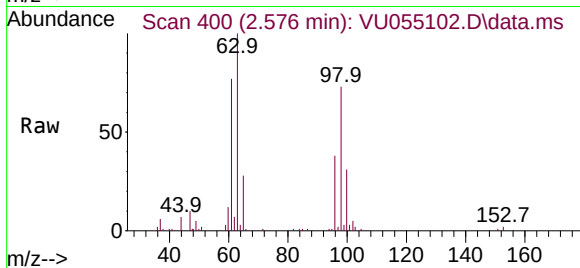




#12
1,1-Dichloroethene
Concen: 1.583 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU055102.D
Acq: 05 Sep 2023 18:26

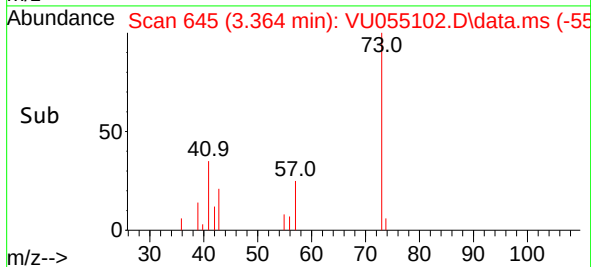
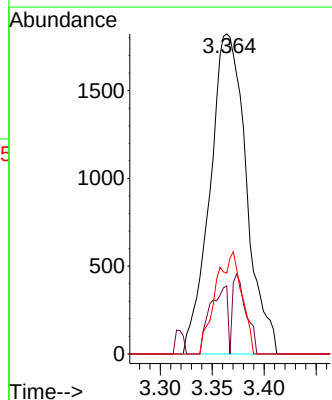
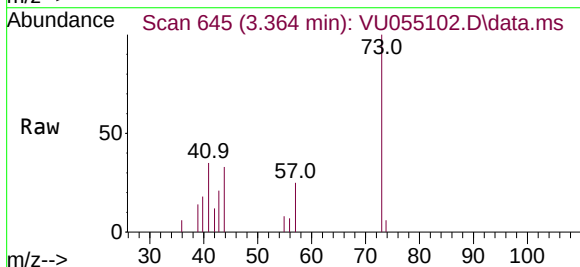
Instrument :
MSVOA_U
ClientSampleId :

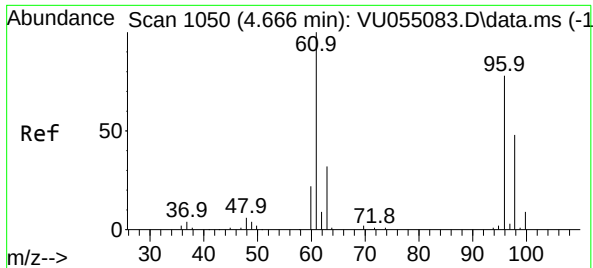
Tgt Ion: 96 Resp: 12752
Ion Ratio Lower Upper
96 100
61 204.4 120.8 224.4
63 263.9 94.5 175.5#



#17
Methyl tert-butyl Ether
Concen: 0.209 ug/L
RT: 3.364 min Scan# 645
Delta R.T. 0.003 min
Lab File: VU055102.D
Acq: 05 Sep 2023 18:26

Tgt Ion: 73 Resp: 4424
Ion Ratio Lower Upper
73 100
43 10.2 16.2 24.2#
57 0.0 17.4 26.2#

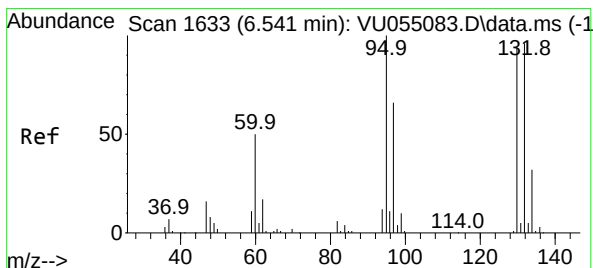
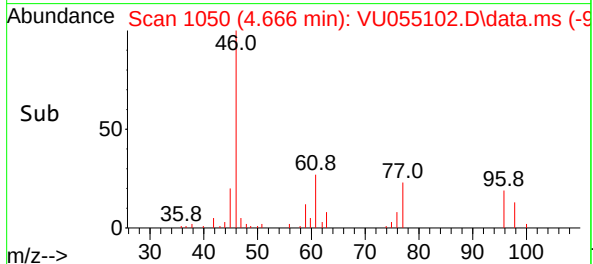
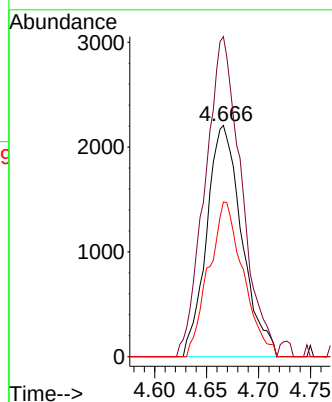
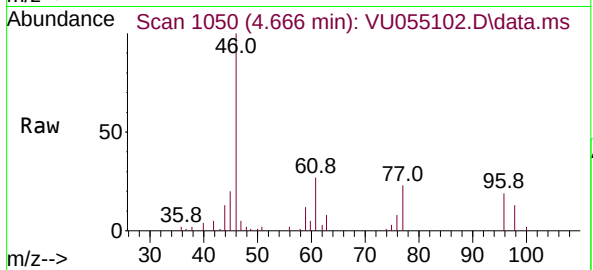




#22
 cis-1,2-Dichloroethene
 Concen: 0.519 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.000 min
 Lab File: VU055102.D
 Acq: 05 Sep 2023 18:26

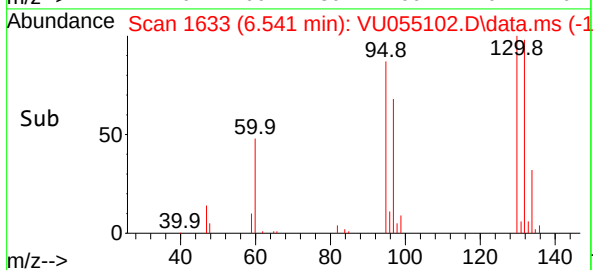
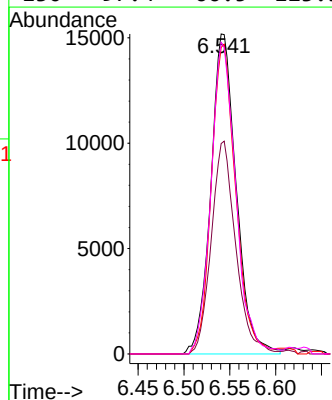
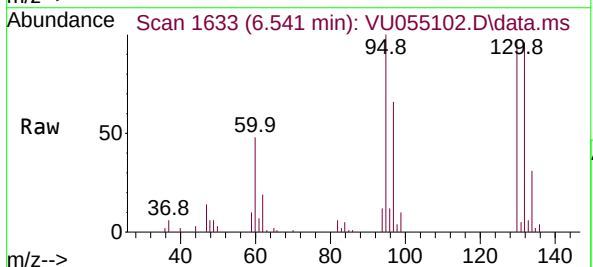
Instrument :
 MSVOA_U
 ClientSampleId :

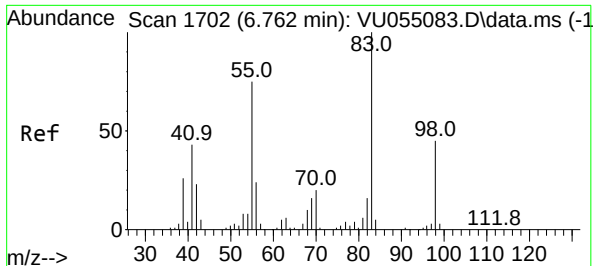
Tgt Ion: 96 Resp: 5193
 Ion Ratio Lower Upper
 96 100
 61 138.4 97.2 180.4
 98 66.9 46.1 85.7



#34
 Trichloroethene
 Concen: 2.794 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.000 min
 Lab File: VU055102.D
 Acq: 05 Sep 2023 18:26

Tgt Ion: 95 Resp: 29313
 Ion Ratio Lower Upper
 95 100
 97 65.8 44.7 83.1
 132 95.8 66.6 123.6
 130 97.4 66.5 123.5





#35

Methylcyclohexane

Concen: 1.172 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU055102.D

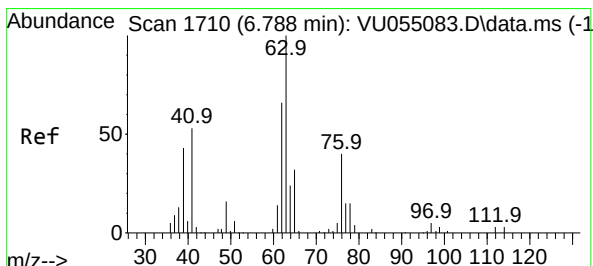
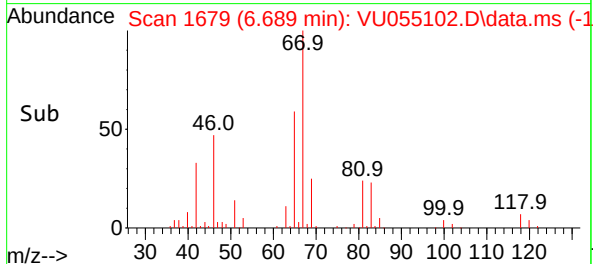
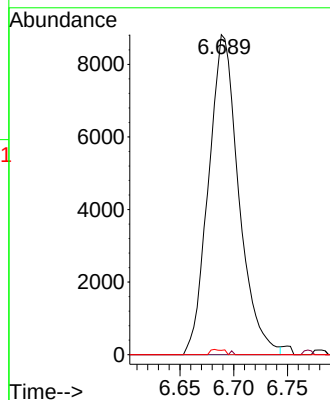
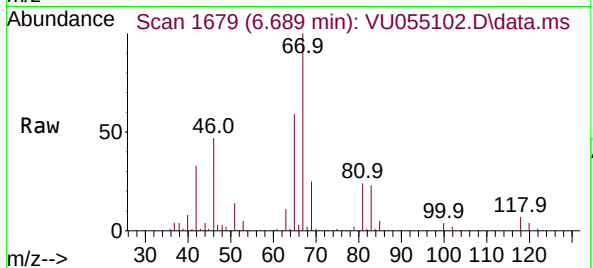
Acq: 05 Sep 2023 18:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 17250
Ion Ratio	Lower Upper
83 100	
55 0.1	60.4 90.6#
98 0.7	35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.790 ug/L

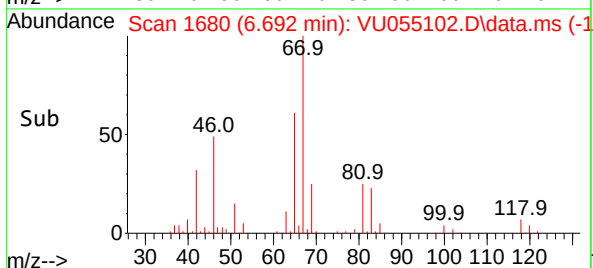
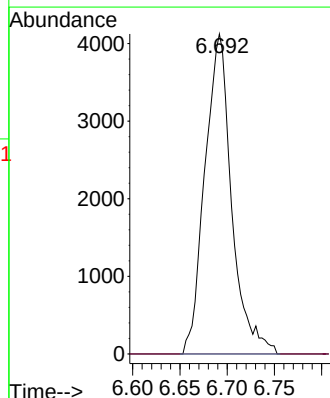
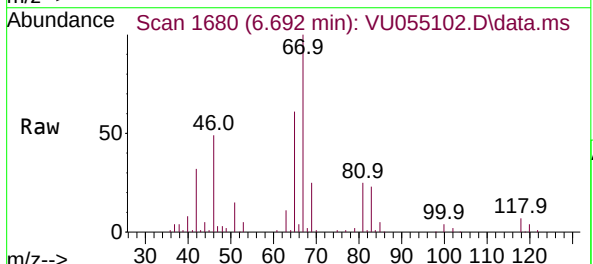
RT: 6.692 min Scan# 1680

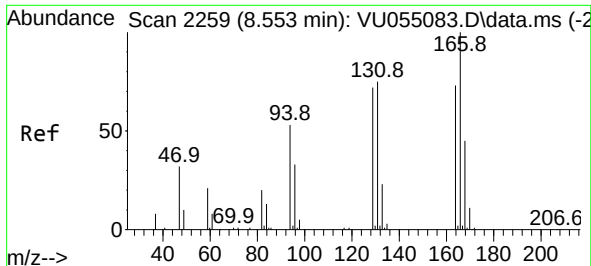
Delta R.T. -0.096 min

Lab File: VU055102.D

Acq: 05 Sep 2023 18:26

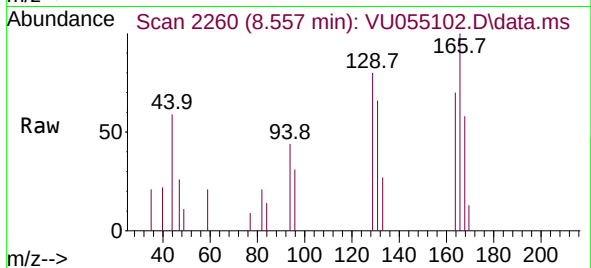
Tgt Ion: 63	Resp: 8120
Ion Ratio	Lower Upper
63 100	
112 0.0	3.2 4.8#



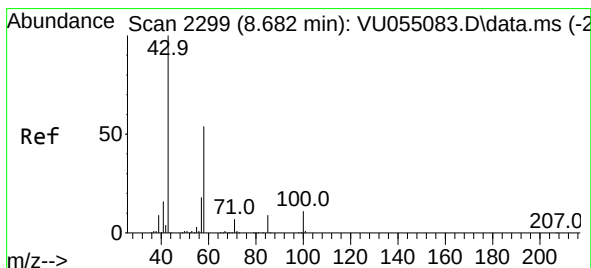
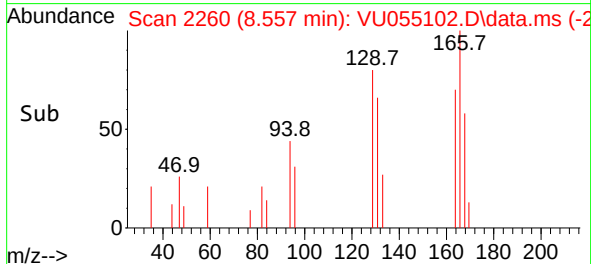
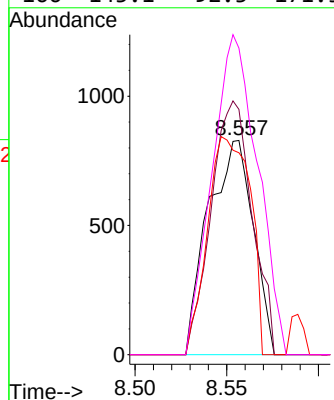


#47
Tetrachloroethene
Concen: 0.196 ug/L
RT: 8.557 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055102.D
Acq: 05 Sep 2023 18:26

Instrument :
MSVOA_U
ClientSampleId :

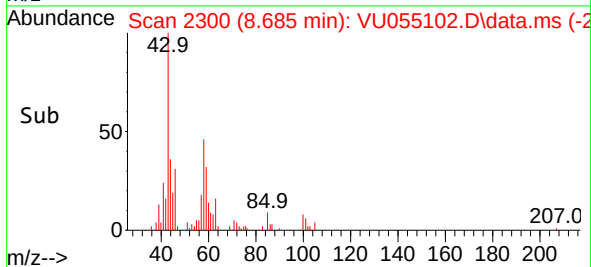
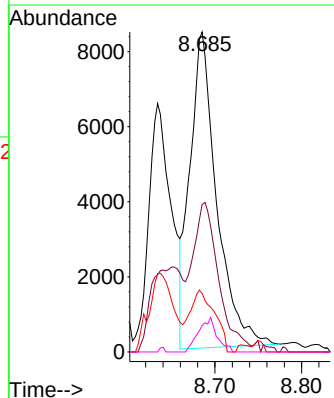
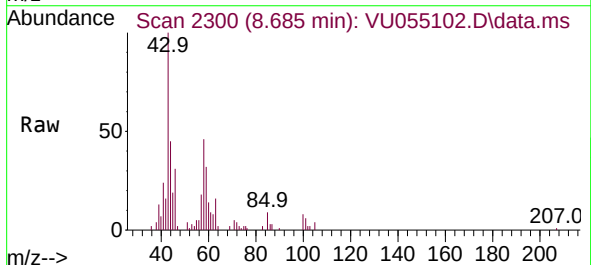


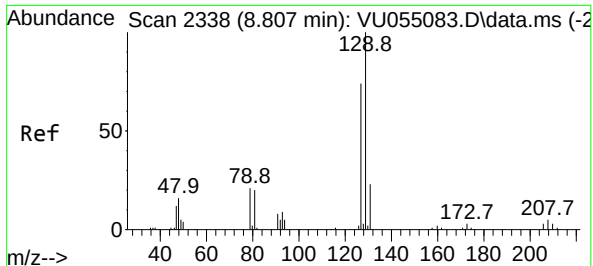
Tgt	Ion:164	Resp:	1420
Ion	Ratio	Lower	Upper
164	100		
129	114.5	69.2	128.6
131	94.2	68.8	127.8
166	143.1	92.3	171.5



#48
2-Hexanone
Concen: 3.944 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU055102.D
Acq: 05 Sep 2023 18:26

Tgt Ion: 43	Resp:	18113	
Ion	Ratio	Lower	Upper
43	100		
58	45.6	44.0	66.0
57	18.0	16.2	24.2
100	7.4	9.0	13.4#





#49

Dibromochloromethane

Concen: 0.203 ug/L

RT: 8.553 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU055102.D

Acq: 05 Sep 2023 18:26

Instrument :

MSVOA_U

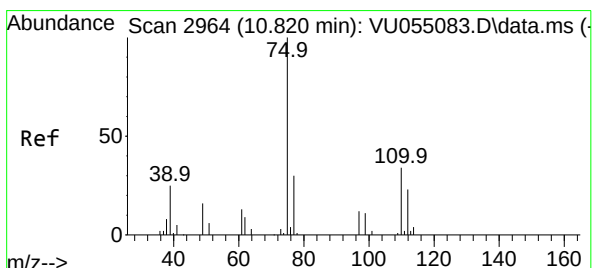
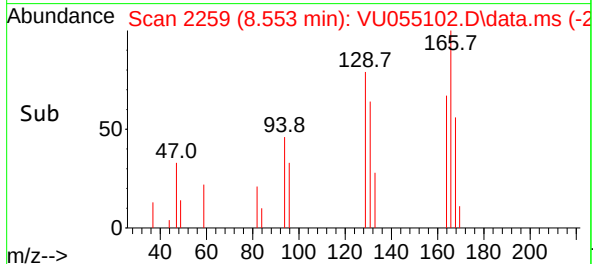
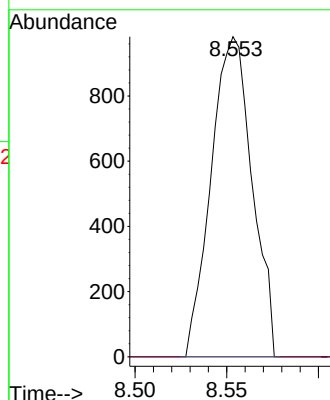
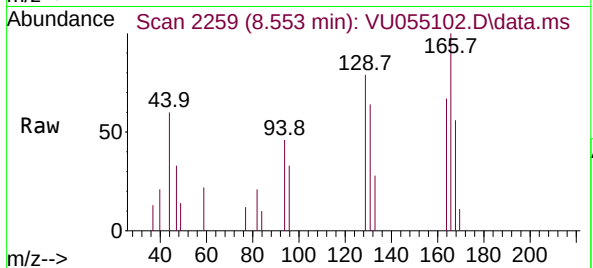
ClientSampleId :

Tgt Ion:129 Resp: 1532

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 1.983 ug/L

RT: 11.814 min Scan# 3273

Delta R.T. 0.994 min

Lab File: VU055102.D

Acq: 05 Sep 2023 18:26

Tgt Ion: 75 Resp: 12246

Ion Ratio Lower Upper

75 100

110 2.8 28.2 42.2#

77 38.3 26.2 39.4

