

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091223\
 Data File : VU055254.D
 Acq On : 12 Sep 2023 17:41
 Operator : MD/SY
 Sample : 04350-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 13 01:48:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 13 01:44:08 2023
 Response via : Initial Calibration

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

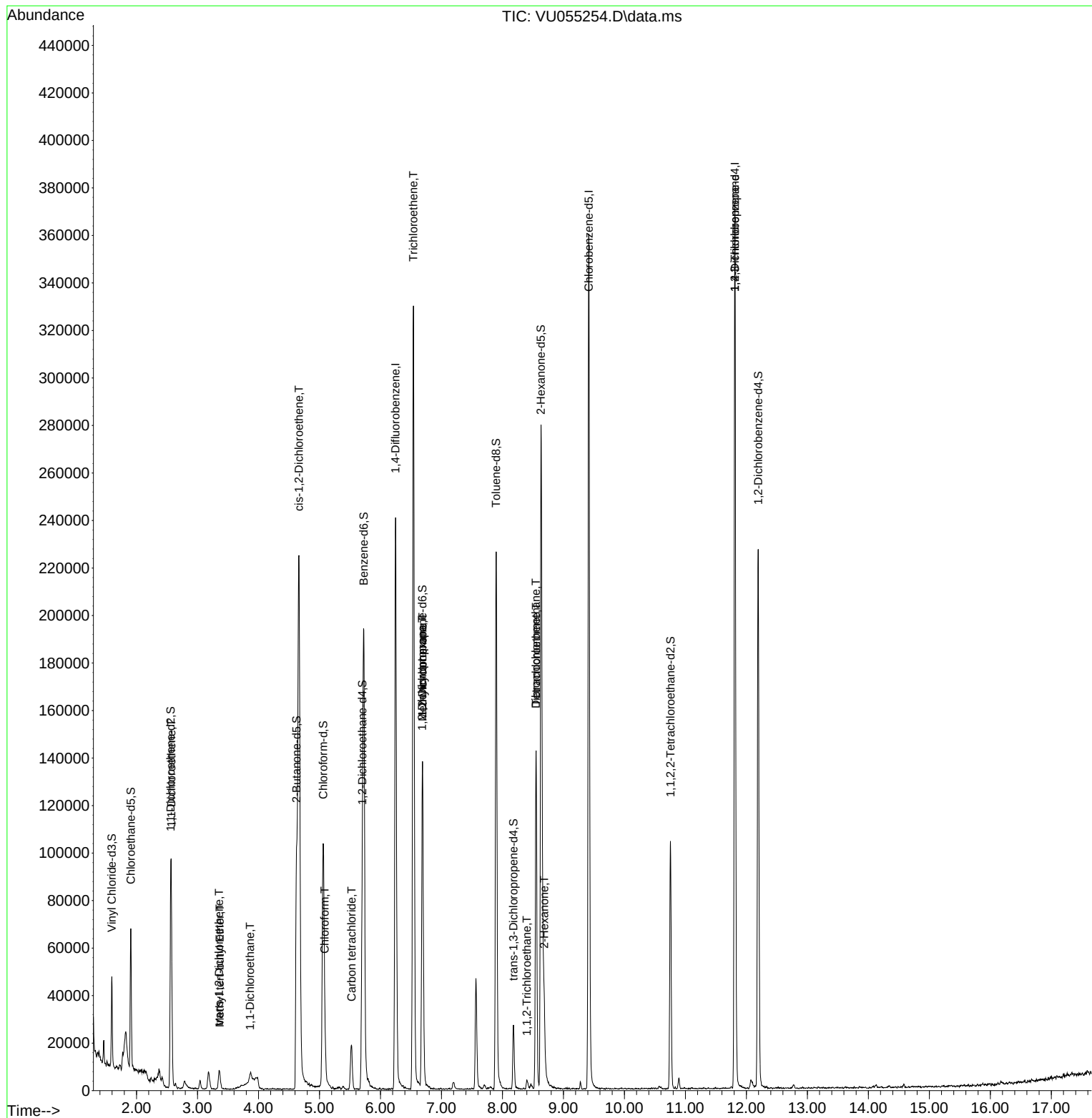
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	190005	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	199834	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	94372	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	27154	3.049	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.000%
7) Chloroethane-d5	1.907	69	43286	4.199	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.560	65	15189	2.993	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.800%#
20) 2-Butanone-d5	4.624	46	136740	52.914	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.820%
24) Chloroform-d	5.061	84	95621	4.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
26) 1,2-Dichloroethane-d4	5.701	65	53635	4.537	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.727	84	183282	3.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.400%
36) 1,2-Dichloropropane-d6	6.688	67	63857	4.070	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.400%
41) Toluene-d8	7.897	98	155127	3.414	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.200%#
43) trans-1,3-Dichloroprop...	8.180	79	15571	3.604	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.000%
46) 2-Hexanone-d5	8.630	63	88732	50.587	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.180%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	51644	4.681	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	59889	4.348	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.570	96	11448	1.303	ug/L #	1
17) Methyl tert-butyl Ether	3.364	73	4778	0.207	ug/L #	94
18) trans-1,2-Dichloroethene	3.354	96	1797	0.202	ug/L	69
19) 1,1-Dichloroethane	3.862	63	5610	0.291	ug/L	93
22) cis-1,2-Dichloroethene	4.663	96	110317	10.112	ug/L	91
25) Chloroform	5.087	83	12542	0.625	ug/L	96
31) Carbon tetrachloride	5.528	117	13141	0.914	ug/L	97
34) Trichloroethene	6.541	95	108656	9.193	ug/L	97
35) Methylcyclohexane	6.692	83	15536	0.937	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	6720	0.580	ug/L #	88
45) 1,1,2-Trichloroethane	8.402	97	1357	0.174	ug/L	90
47) Tetrachloroethene	8.553	164	29658	3.630	ug/L	95
48) 2-Hexanone	8.685	43	18008	3.481	ug/L #	92
49) Dibromochloromethane	8.550	129	29623	3.479	ug/L #	9
61) 1,2,3-Trichloropropane	11.810	75	13825	2.208	ug/L #	68

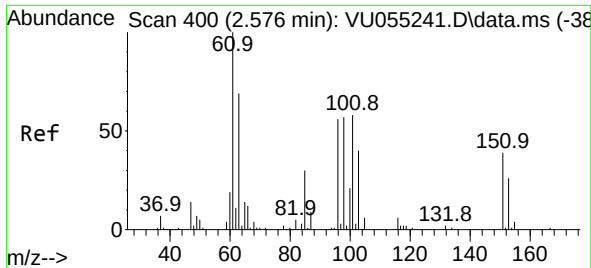
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091223\
Data File : VU055254.D
Acq On : 12 Sep 2023 17:41
Operator : MD/SY
Sample : 04350-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

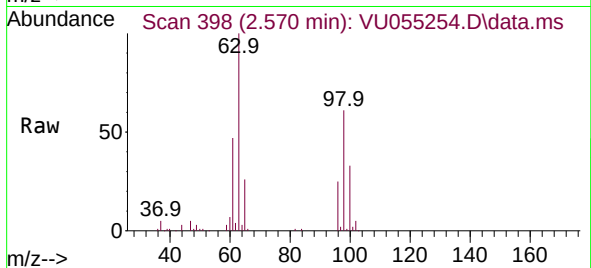
Quant Time: Sep 13 01:48:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 13 01:44:08 2023
Response via : Initial Calibration



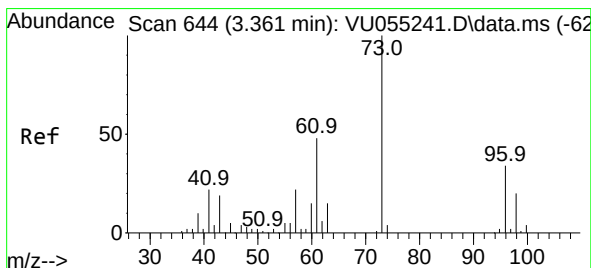
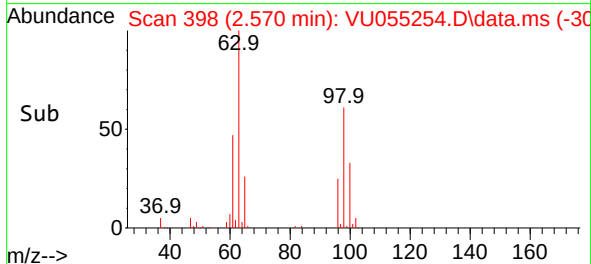
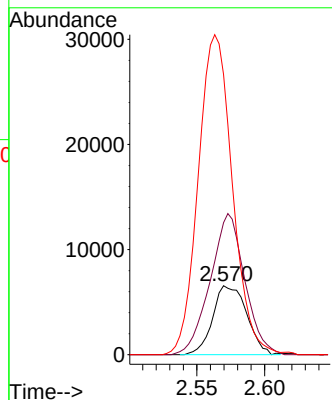


#12
1,1-Dichloroethene
Concen: 1.303 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.007 min
Lab File: VU055254.D
Acq: 12 Sep 2023 17:41

Instrument :
MSVOA_U
ClientSampleId :

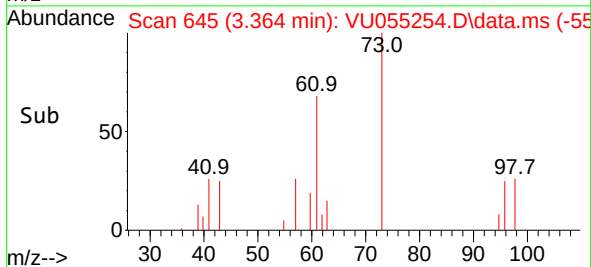
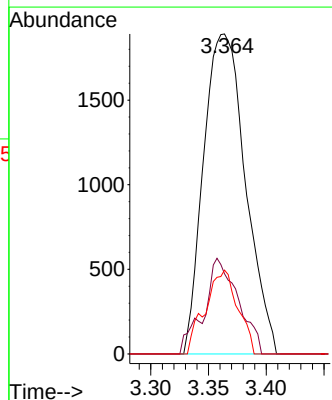
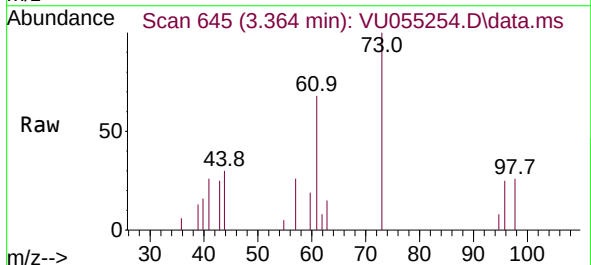


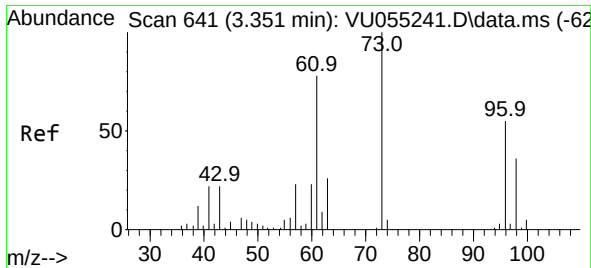
Tgt Ion: 96 Resp: 11448
Ion Ratio Lower Upper
96 100
61 191.2 120.8 224.4
63 406.0 94.5 175.5#



#17
Methyl tert-butyl Ether
Concen: 0.207 ug/L
RT: 3.364 min Scan# 645
Delta R.T. 0.003 min
Lab File: VU055254.D
Acq: 12 Sep 2023 17:41

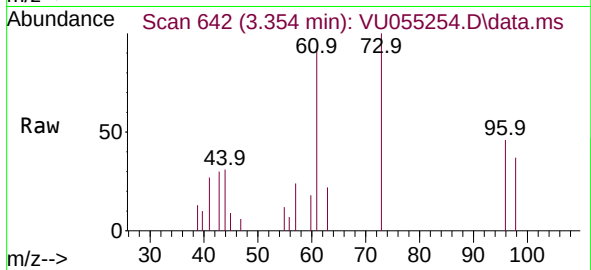
Tgt Ion: 73 Resp: 4778
Ion Ratio Lower Upper
73 100
43 24.6 16.2 24.2#
57 20.3 17.4 26.2





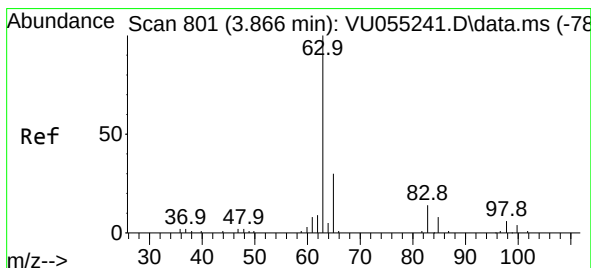
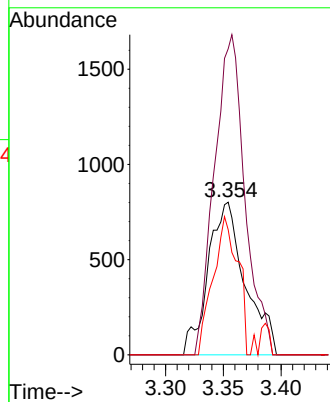
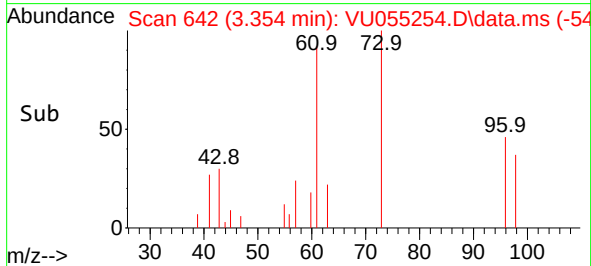
#18
trans-1,2-Dichloroethene
Concen: 0.202 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU055254.D
Acq: 12 Sep 2023 17:41

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 1797

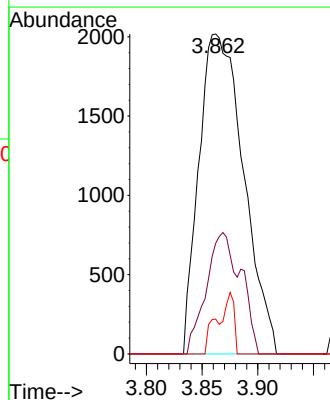
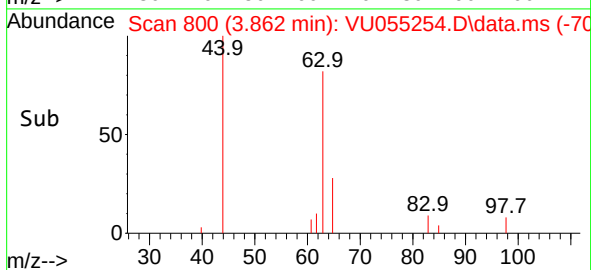
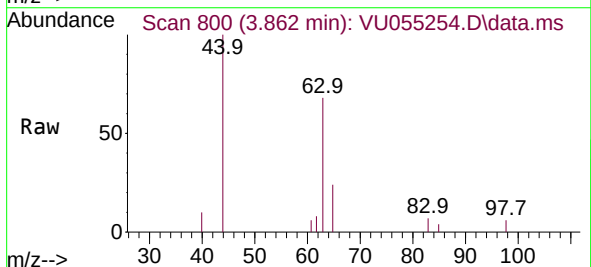
Ion	Ratio	Lower	Upper
96	100		
61	200.5	108.1	200.9
98	81.9	45.4	84.4

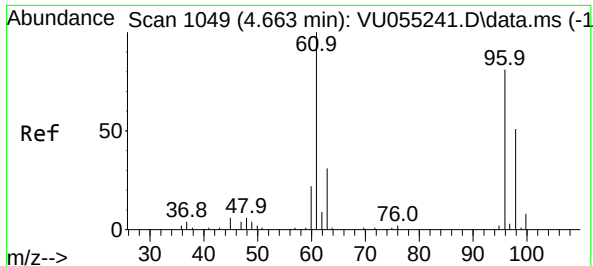


#19
1,1-Dichloroethane
Concen: 0.291 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.003 min
Lab File: VU055254.D
Acq: 12 Sep 2023 17:41

Tgt Ion: 63 Resp: 5610

Ion	Ratio	Lower	Upper
63	100		
65	34.6	22.2	41.2
83	10.9	10.6	19.8

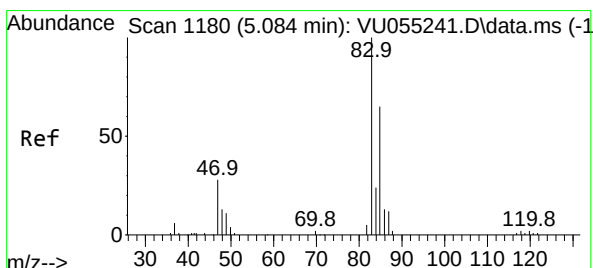
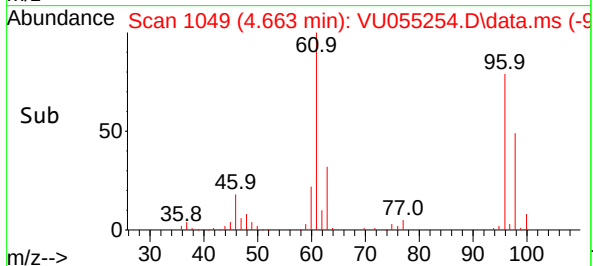
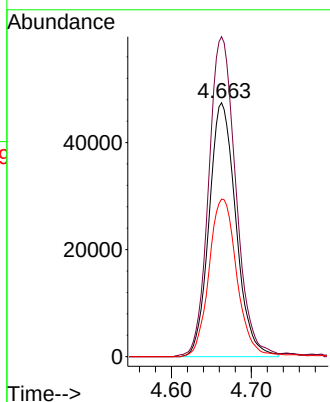
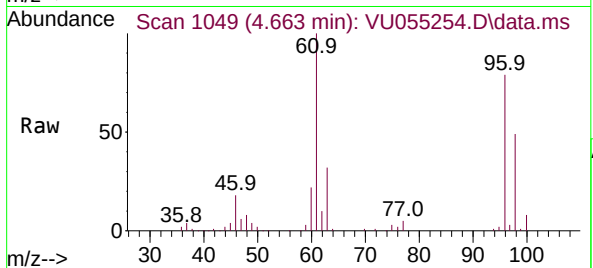




#22
 cis-1,2-Dichloroethene
 Concen: 10.112 ug/L
 RT: 4.663 min Scan# 110317
 Delta R.T. -0.000 min
 Lab File: VU055254.D
 Acq: 12 Sep 2023 17:41

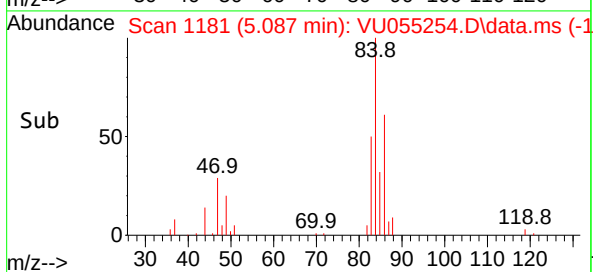
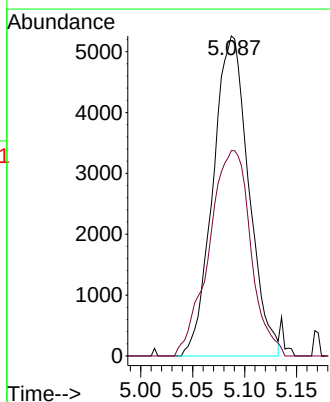
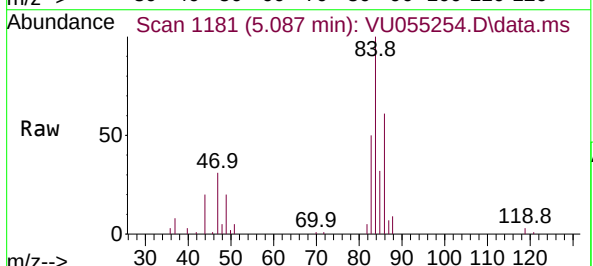
Instrument :
 MSVOA_U
 ClientSampleId :

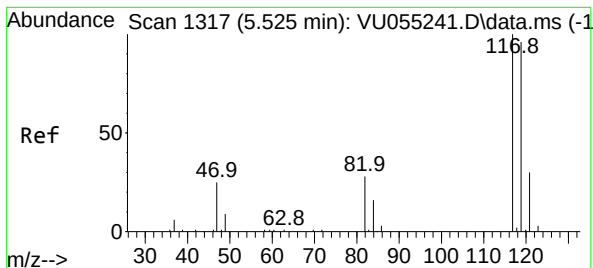
Tgt Ion: 96 Resp: 110317
 Ion Ratio Lower Upper
 96 100
 61 126.0 97.2 180.4
 98 62.1 46.1 85.7



#25
 Chloroform
 Concen: 0.625 ug/L
 RT: 5.087 min Scan# 1181
 Delta R.T. 0.003 min
 Lab File: VU055254.D
 Acq: 12 Sep 2023 17:41

Tgt Ion: 83 Resp: 12542
 Ion Ratio Lower Upper
 83 100
 85 64.1 47.2 87.6





#31

Carbon tetrachloride

Concen: 0.914 ug/L

RT: 5.528 min Scan# 117

Delta R.T. 0.003 min

Lab File: VU055254.D

Acq: 12 Sep 2023 17:41

Instrument :

MSVOA_U

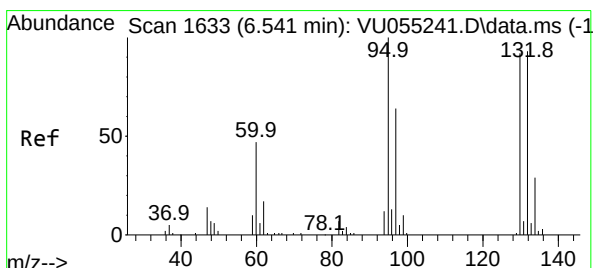
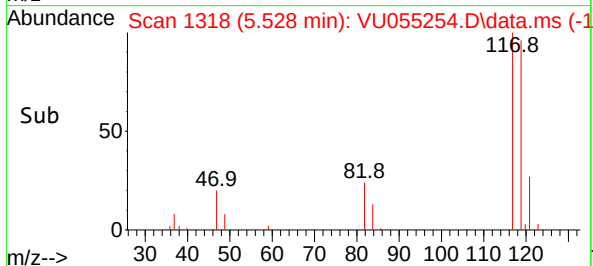
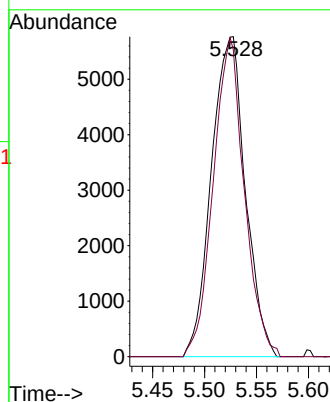
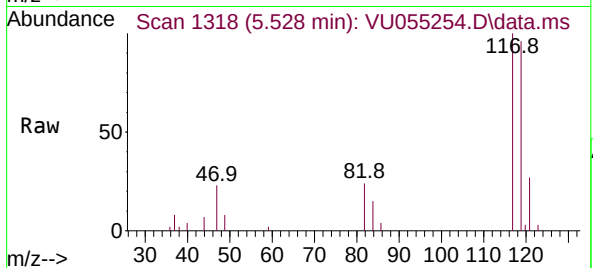
ClientSampleId :

Tgt Ion:117 Resp: 13141

Ion Ratio Lower Upper

117 100

119 90.8 75.4 113.0



#34

Trichloroethene

Concen: 9.193 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. -0.000 min

Lab File: VU055254.D

Acq: 12 Sep 2023 17:41

Tgt Ion: 95 Resp: 108656

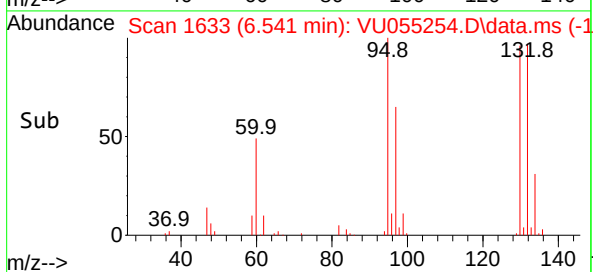
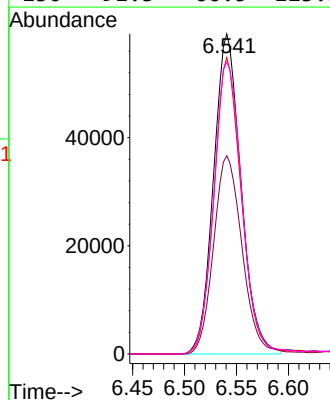
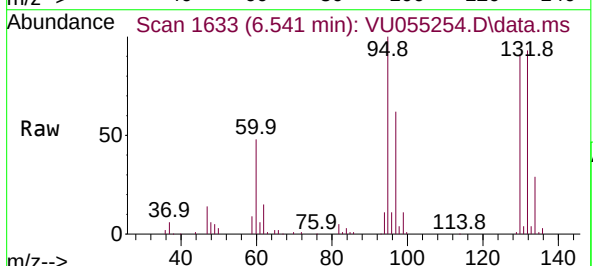
Ion Ratio Lower Upper

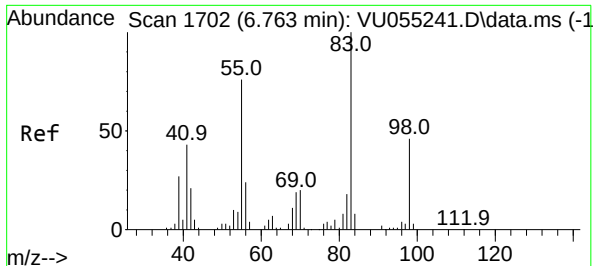
95 100

97 62.0 44.7 83.1

132 92.6 66.6 123.6

130 91.3 66.5 123.5





#35

Methylcyclohexane

Concen: 0.937 ug/L

RT: 6.692 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU055254.D

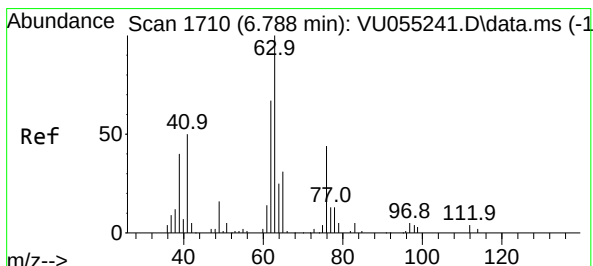
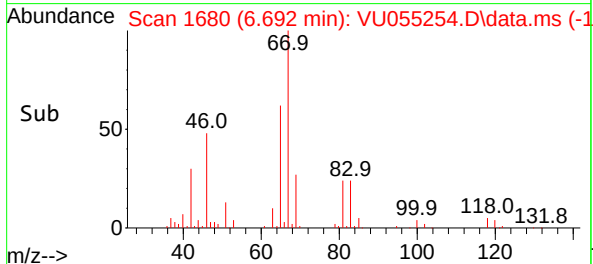
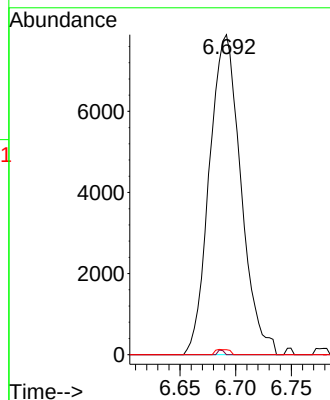
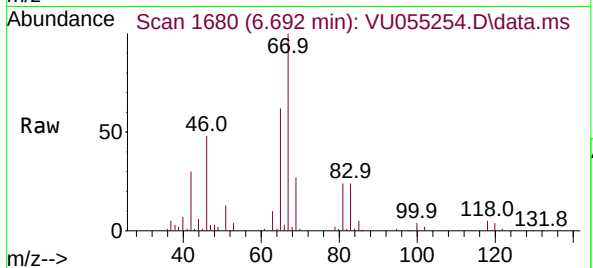
Acq: 12 Sep 2023 17:41

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	15536
Ion	Ratio	Lower	Upper
83	100		
55	0.3	60.4	90.6#
98	0.0	35.3	52.9#



#37

1,2-Dichloropropane

Concen: 0.580 ug/L

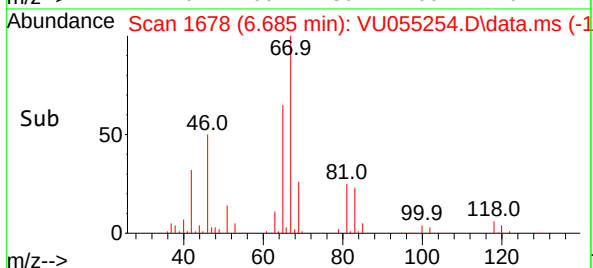
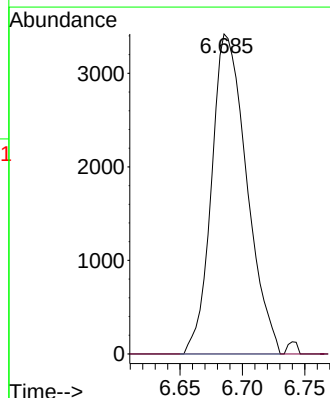
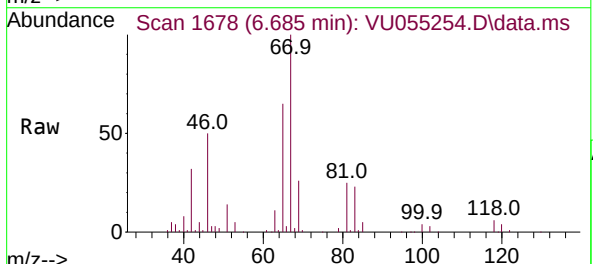
RT: 6.685 min Scan# 1678

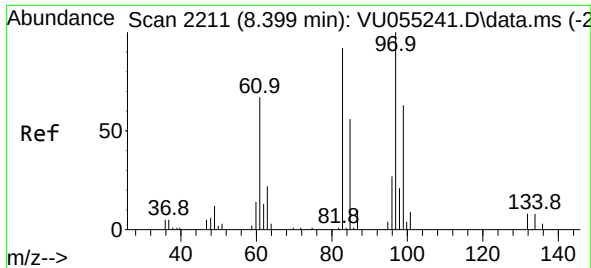
Delta R.T. -0.103 min

Lab File: VU055254.D

Acq: 12 Sep 2023 17:41

Tgt Ion:	63	Resp:	6720
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



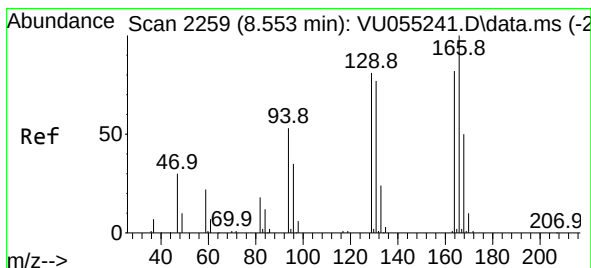
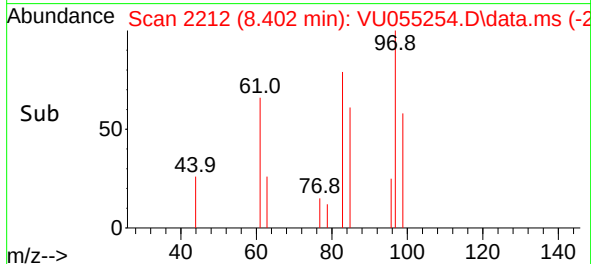
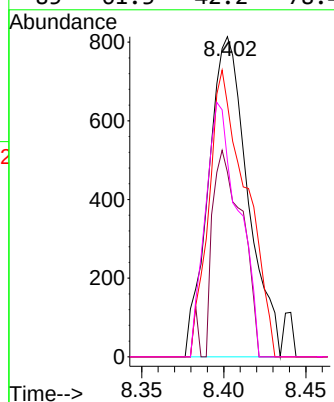
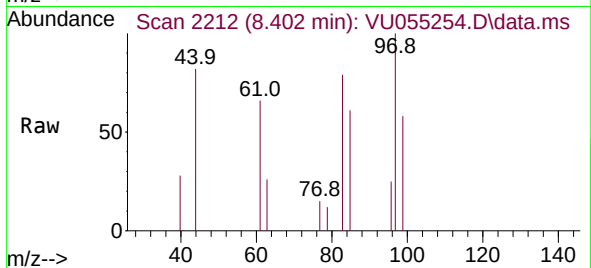


#45
1,1,2-Trichloroethane
Concen: 0.174 ug/L
RT: 8.402 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU055254.D
Acq: 12 Sep 2023 17:41

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 1357

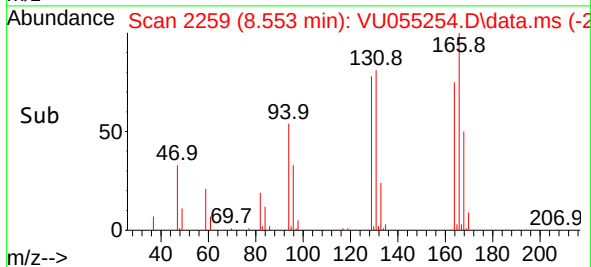
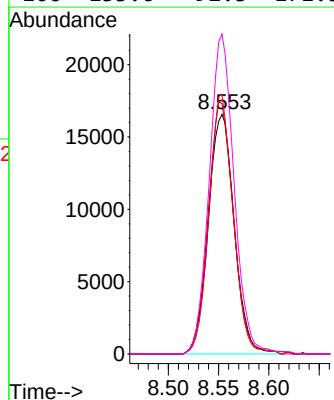
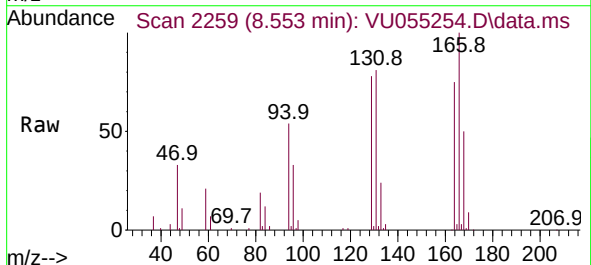
Ion	Ratio	Lower	Upper
97	100		
99	57.7	44.9	83.5
83	79.0	66.9	124.3
85	61.3	42.2	78.4

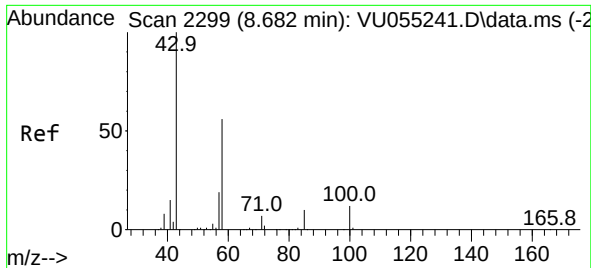


#47
Tetrachloroethene
Concen: 3.630 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. -0.000 min
Lab File: VU055254.D
Acq: 12 Sep 2023 17:41

Tgt Ion: 164 Resp: 29658

Ion	Ratio	Lower	Upper
164	100		
129	104.4	69.2	128.6
131	108.2	68.8	127.8
166	133.6	92.3	171.5

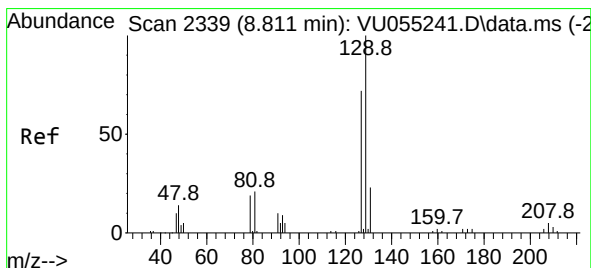
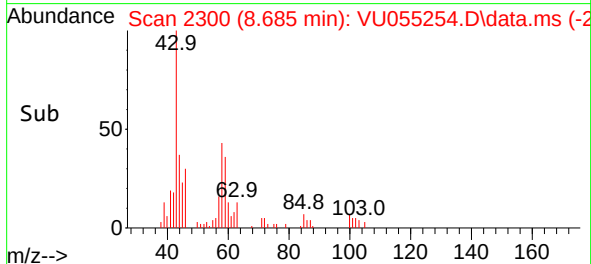
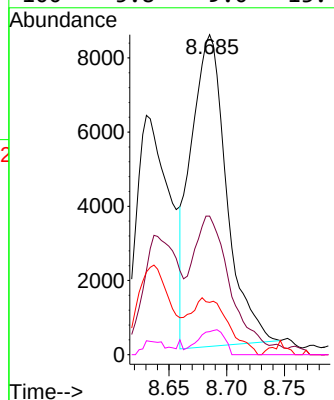
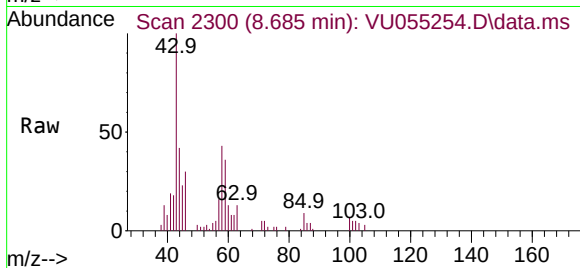




#48
2-Hexanone
Concen: 3.481 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055254.D
Acq: 12 Sep 2023 17:41

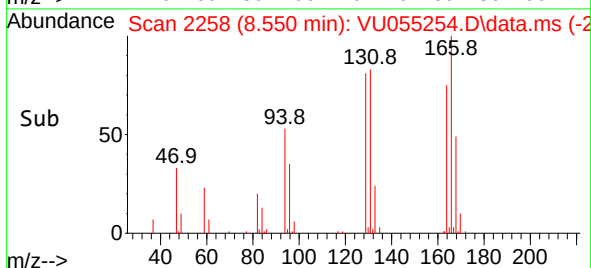
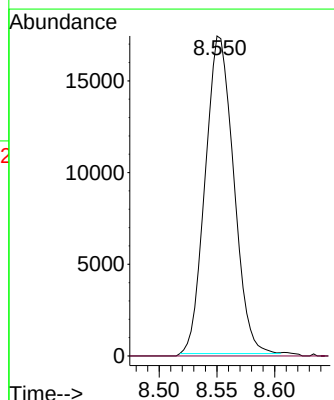
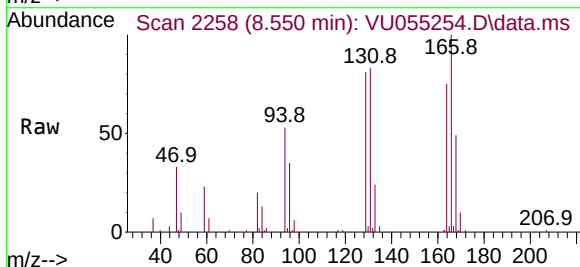
Instrument :
MSVOA_U
ClientSampleId :

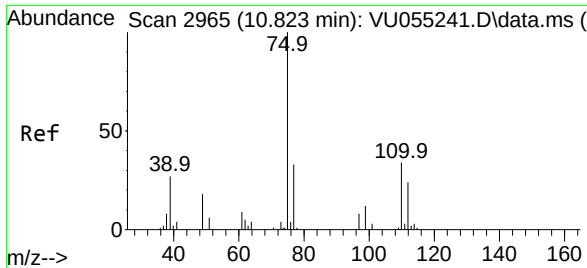
Tgt Ion: 43 Resp: 18008
Ion Ratio Lower Upper
43 100
58 48.7 44.0 66.0
57 19.0 16.2 24.2
100 5.8 9.0 13.4#



#49
Dibromochloromethane
Concen: 3.479 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.261 min
Lab File: VU055254.D
Acq: 12 Sep 2023 17:41

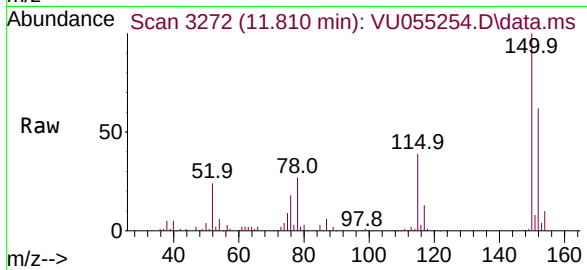
Tgt Ion: 129 Resp: 29623
Ion Ratio Lower Upper
129 100
127 0.0 55.9 103.7#





#61
 1,2,3-Trichloropropane
 Concen: 2.208 ug/L
 RT: 11.810 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU055254.D
 Acq: 12 Sep 2023 17:41

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 13825
 Ion Ratio Lower Upper
 75 100
 110 1.5 28.2 42.2#
 77 30.3 26.2 39.4

