

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083123\
 Data File : VU055029.D
 Acq On : 31 Aug 2023 18:28
 Operator : MD/SY
 Sample : 04153-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 01 05:03:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 04:57:47 2023
 Response via : Initial Calibration

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

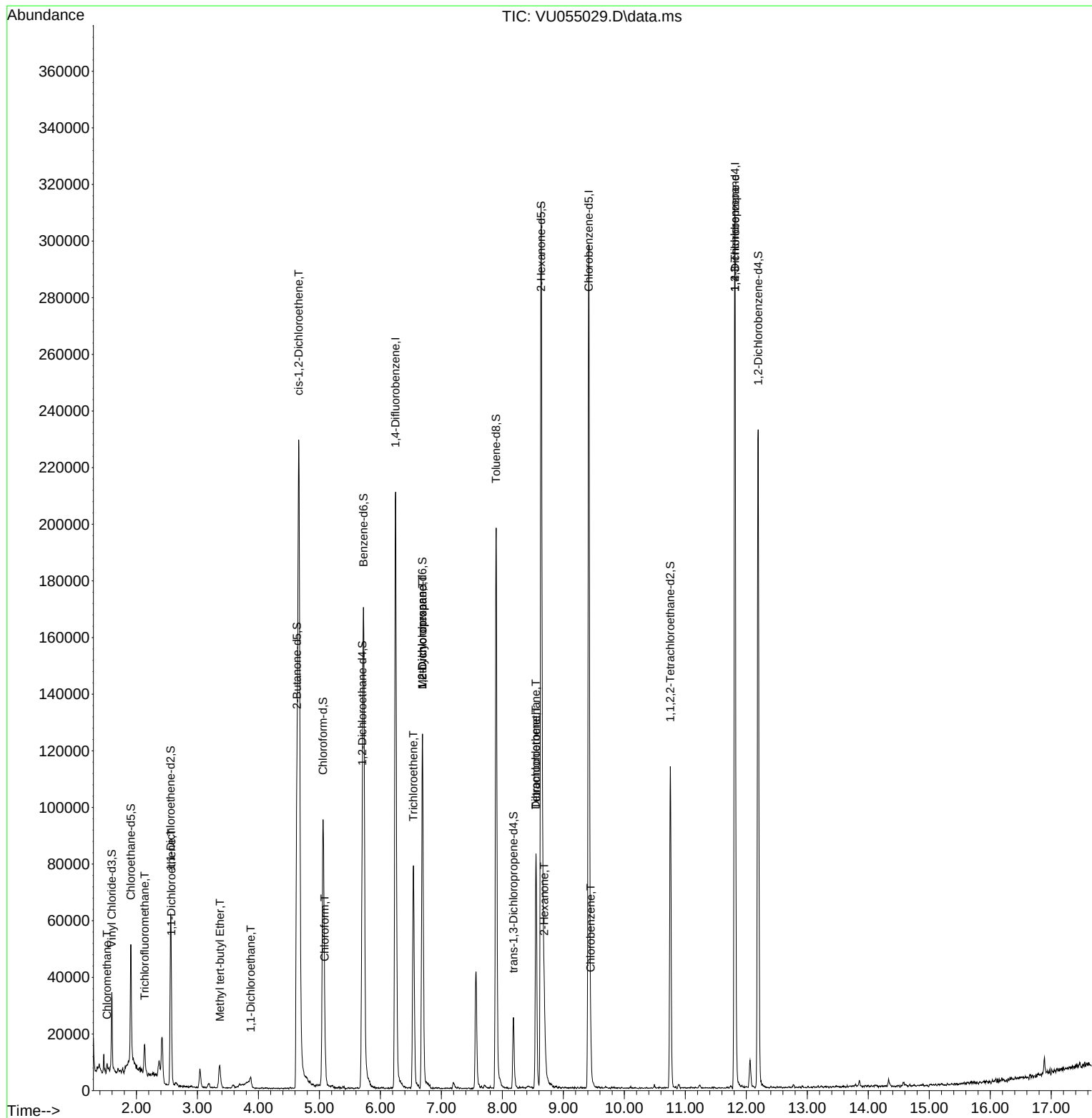
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	171222	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	163412	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	80400	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	17714	3.278	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.600%
7) Chloroethane-d5	1.908	69	27764	3.977	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.560	65	11551	3.782	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.600%
20) 2-Butanone-d5	4.631	46	170238	58.359	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.720%
24) Chloroform-d	5.059	84	86507	4.315	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.702	65	49706	4.660	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.724	84	153864	4.189	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.689	67	56918	4.406	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.898	98	132754	3.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.400%
43) trans-1,3-Dichloroprop...	8.181	79	14481	3.406	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.200%
46) 2-Hexanone-d5	8.634	63	101678	50.387	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.780%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	55090	4.973	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	58970	4.594	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	2248	0.203	ug/L #	77
9) Trichlorofluoromethane	2.133	101	5946	0.364	ug/L	100
12) 1,1-Dichloroethene	2.573	96	1328	0.172	ug/L #	1
17) Methyl tert-butyl Ether	3.367	73	7788	0.346	ug/L #	91
19) 1,1-Dichloroethane	3.872	63	4888	0.276	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	97287	9.658	ug/L	95
25) Chloroform	5.088	83	7791	0.401	ug/L	88
34) Trichloroethene	6.541	95	26878	2.516	ug/L	95
35) Methylcyclohexane	6.689	83	14473	0.916	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	6573	0.612	ug/L #	90
47) Tetrachloroethene	8.550	164	17200	2.240	ug/L	98
48) 2-Hexanone	8.685	43	18848	4.248	ug/L #	84
49) Dibromochloromethane	8.550	129	17821	2.121	ug/L #	6
51) Chlorobenzene	9.447	112	4316	0.155	ug/L	88
61) 1,2,3-Trichloropropane	11.811	75	11383	1.901	ug/L #	70

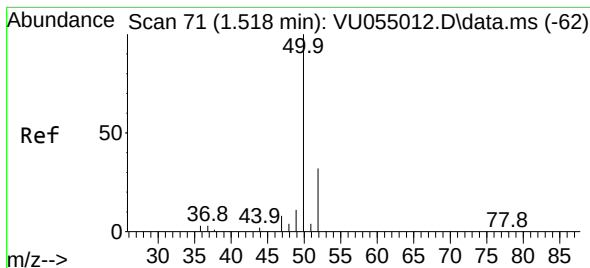
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083123\
Data File : VU055029.D
Acq On : 31 Aug 2023 18:28
Operator : MD/SY
Sample : 04153-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 01 05:03:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 01 04:57:47 2023
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.203 ug/L

RT: 1.515 min Scan# 70

Delta R.T. -0.003 min

Lab File: VU055029.D

Acq: 31 Aug 2023 18:28

Instrument :

MSVOA_U

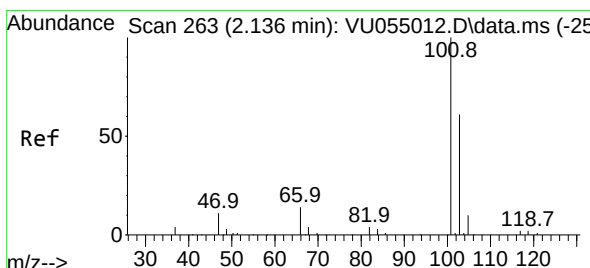
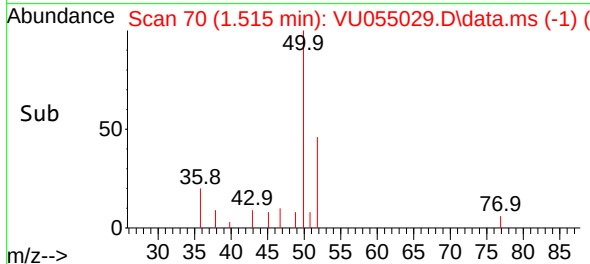
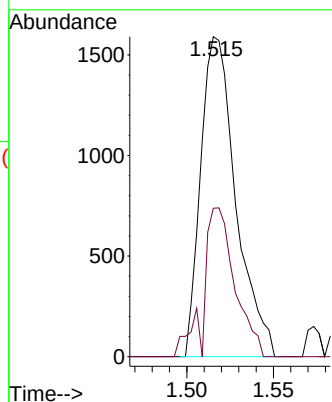
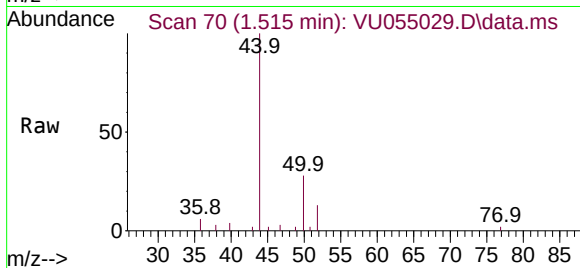
ClientSampleId :

Tgt Ion: 50 Resp: 2248

Ion Ratio Lower Upper

50 100

52 46.4 23.4 43.6#



#9

Trichlorofluoromethane

Concen: 0.364 ug/L

RT: 2.133 min Scan# 262

Delta R.T. -0.003 min

Lab File: VU055029.D

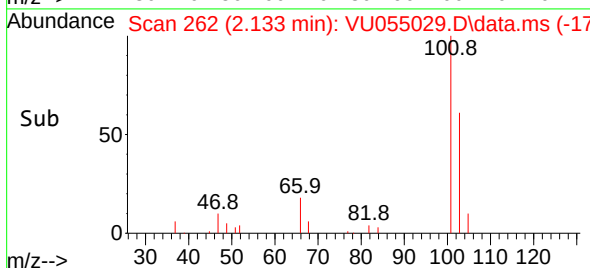
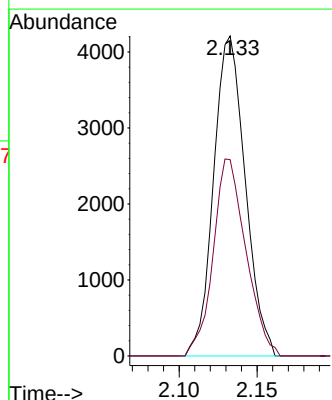
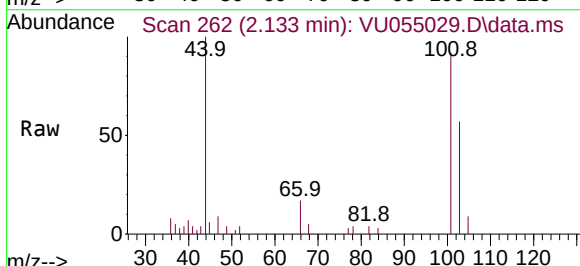
Acq: 31 Aug 2023 18:28

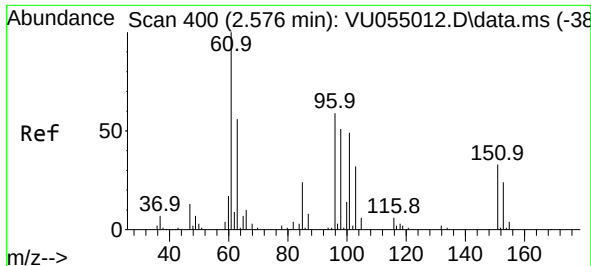
Tgt Ion: 101 Resp: 5946

Ion Ratio Lower Upper

101 100

103 63.6 51.0 76.4





#12

1,1-Dichloroethene

Concen: 0.172 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU055029.D

Acq: 31 Aug 2023 18:28

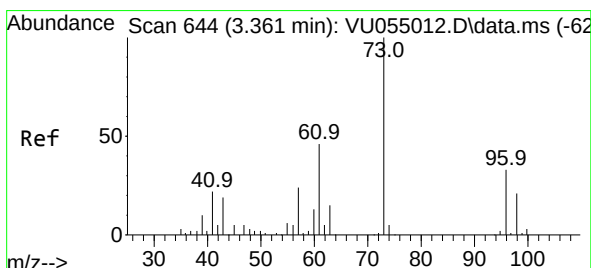
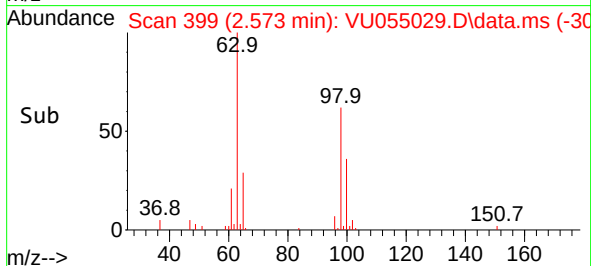
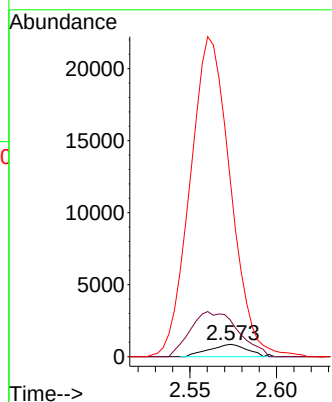
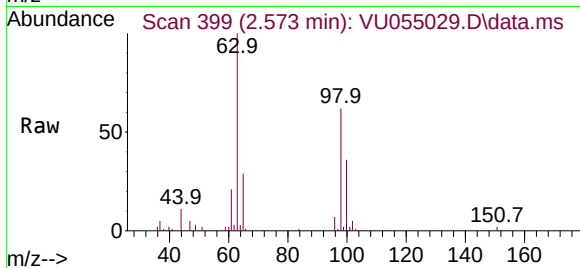
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 1328

Ion	Ratio	Lower	Upper
96	100		
61	299.3	132.4	245.8#
63	1447.3	82.5	153.1#



#17

Methyl tert-butyl Ether

Concen: 0.346 ug/L

RT: 3.367 min Scan# 646

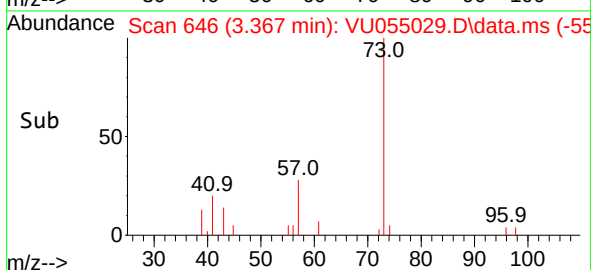
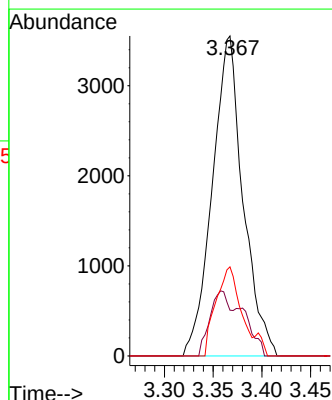
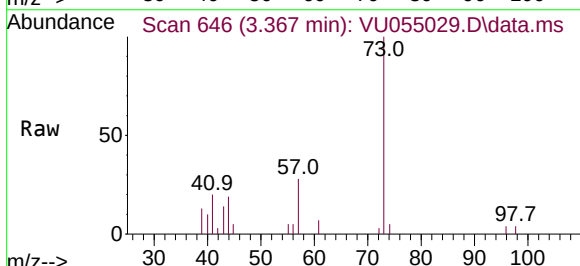
Delta R.T. 0.007 min

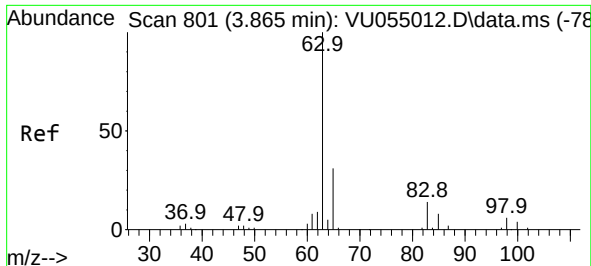
Lab File: VU055029.D

Acq: 31 Aug 2023 18:28

Tgt Ion: 73 Resp: 7788

Ion	Ratio	Lower	Upper
73	100		
43	13.8	16.2	24.2#
57	24.0	17.4	26.0





#19

1,1-Dichloroethane

Concen: 0.276 ug/L

RT: 3.872 min Scan# 801

Delta R.T. 0.007 min

Lab File: VU055029.D

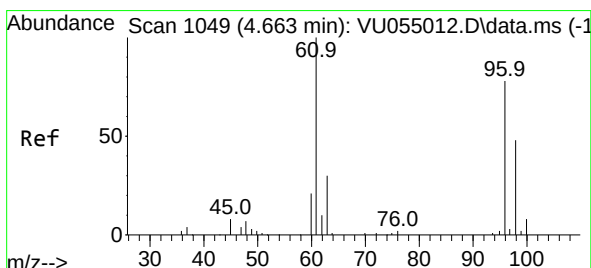
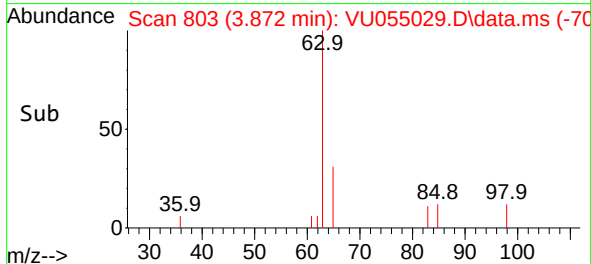
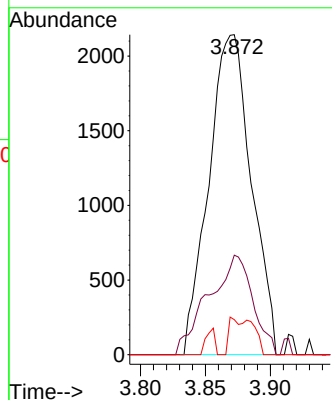
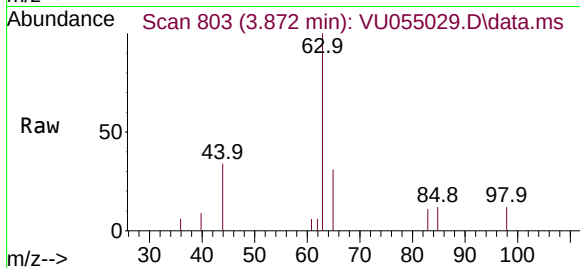
Acq: 31 Aug 2023 18:28

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	4888
Ion	Ratio	Lower	Upper
63	100		
65	31.1	22.5	41.7
83	11.0	9.5	17.7



#22

cis-1,2-Dichloroethene

Concen: 9.658 ug/L

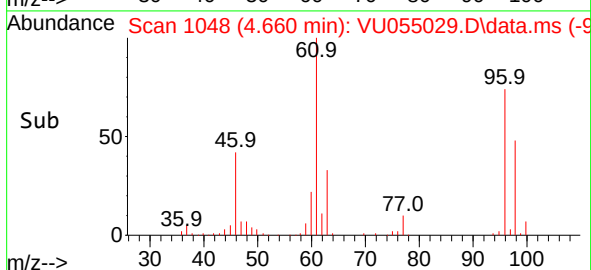
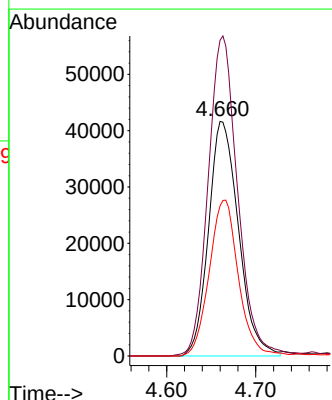
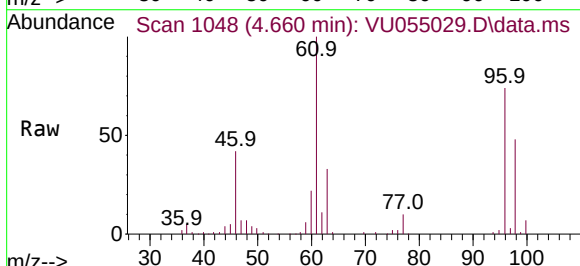
RT: 4.660 min Scan# 1048

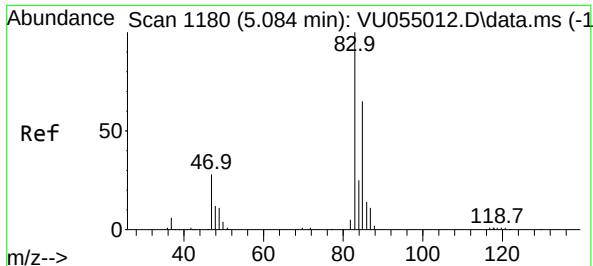
Delta R.T. -0.003 min

Lab File: VU055029.D

Acq: 31 Aug 2023 18:28

Tgt Ion:	96	Resp:	97287
Ion	Ratio	Lower	Upper
96	100		
61	134.5	88.4	164.2
98	64.0	44.0	81.6





#25

Chloroform

Concen: 0.401 ug/L

RT: 5.088 min Scan# 1180

Delta R.T. 0.003 min

Lab File: VU055029.D

Acq: 31 Aug 2023 18:28

Instrument :

MSVOA_U

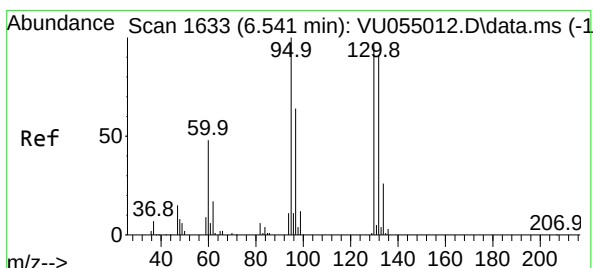
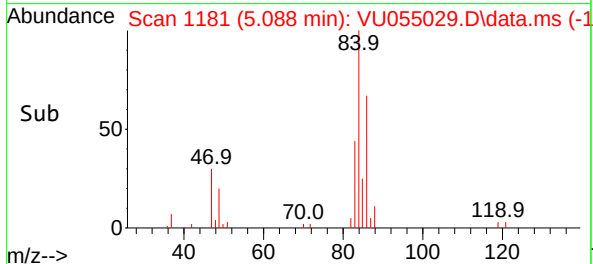
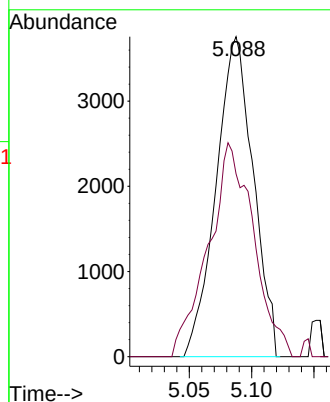
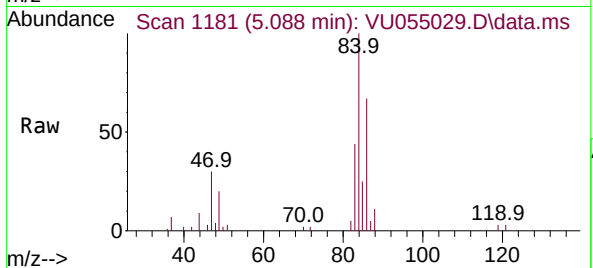
ClientSampleId :

Tgt Ion: 83 Resp: 7791

Ion Ratio Lower Upper

83 100

85 57.1 46.7 86.7



#34

Trichloroethene

Concen: 2.516 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.000 min

Lab File: VU055029.D

Acq: 31 Aug 2023 18:28

Tgt Ion: 95 Resp: 26878

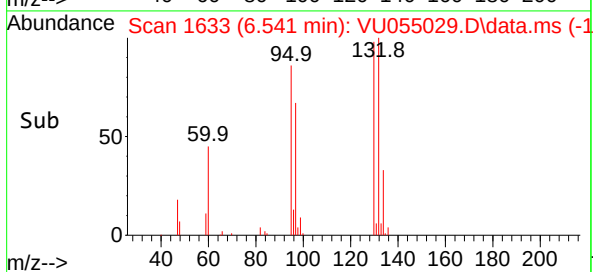
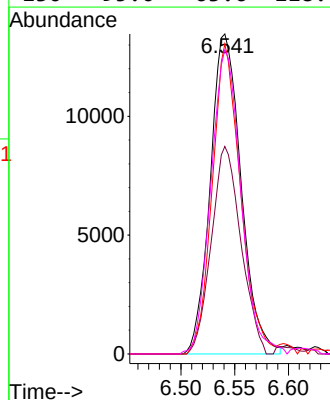
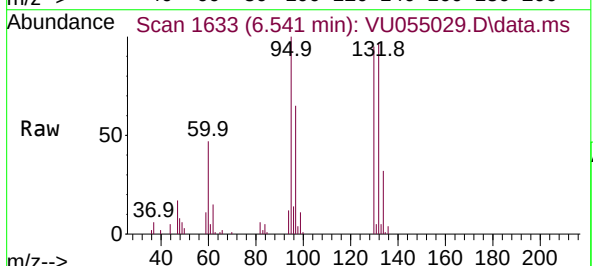
Ion Ratio Lower Upper

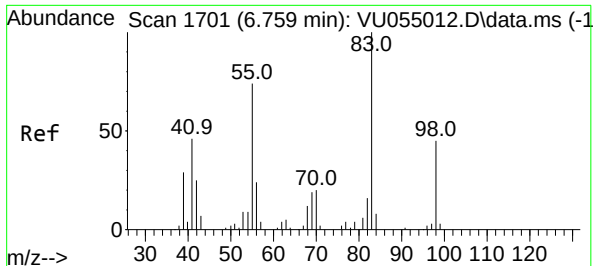
95 100

97 64.9 44.1 81.9

132 96.9 63.6 118.2

130 95.0 63.6 118.0

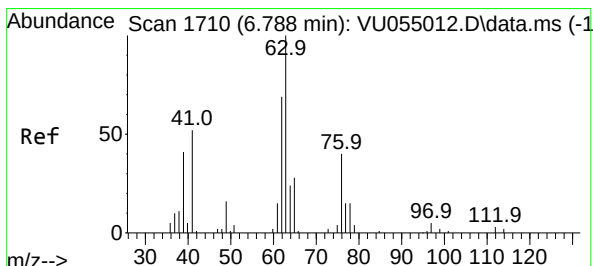
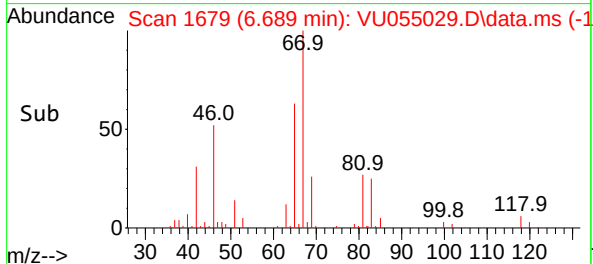
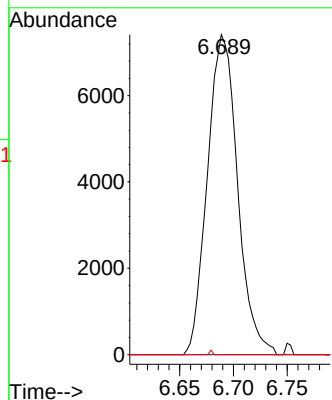
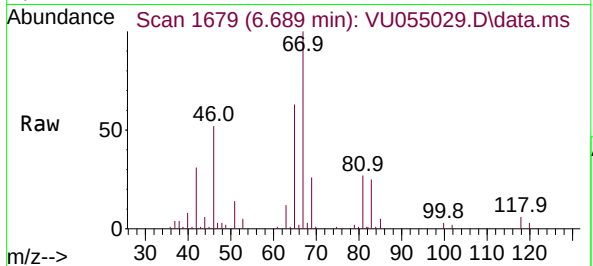




#35
Methylcyclohexane
Concen: 0.916 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055029.D
Acq: 31 Aug 2023 18:28

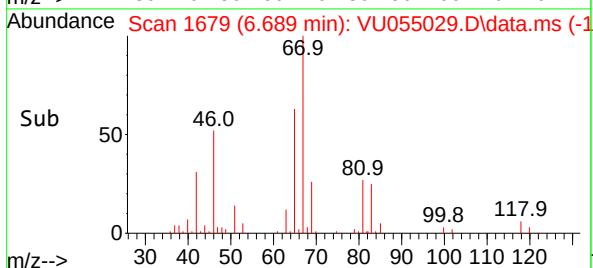
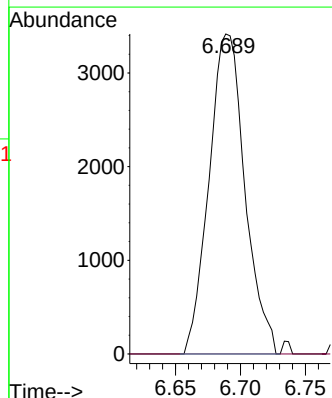
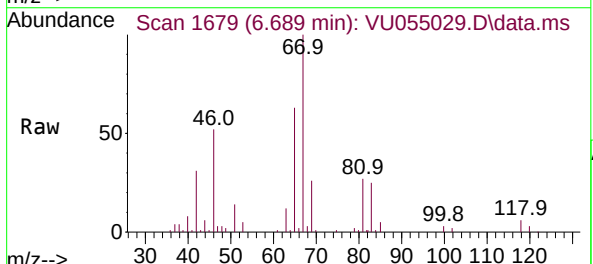
Instrument :
MSVOA_U
ClientSampleId :

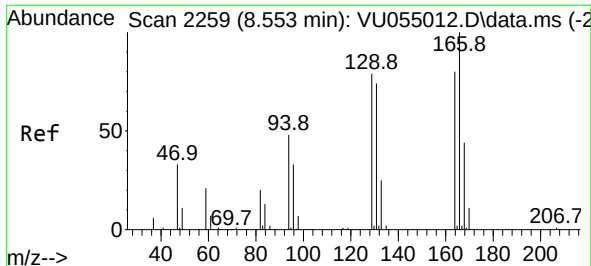
Tgt Ion: 83 Resp: 14473
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 37.8 56.6#



#37
1,2-Dichloropropane
Concen: 0.612 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.099 min
Lab File: VU055029.D
Acq: 31 Aug 2023 18:28

Tgt Ion: 63 Resp: 6573
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#





#47

Tetrachloroethene

Concen: 2.240 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.003 min

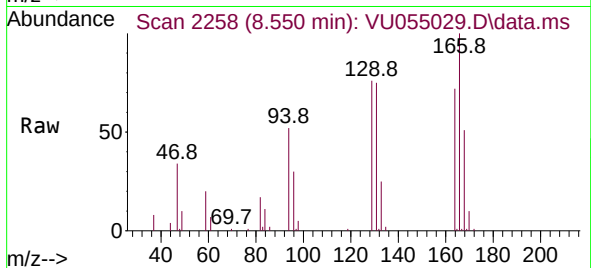
Lab File: VU055029.D

Acq: 31 Aug 2023 18:28

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 17200

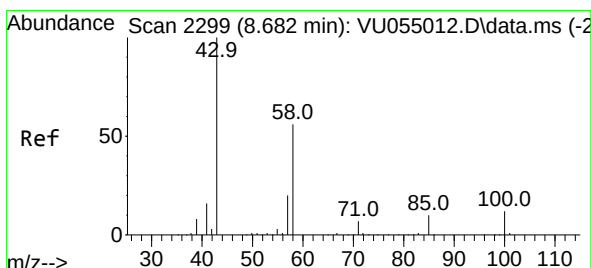
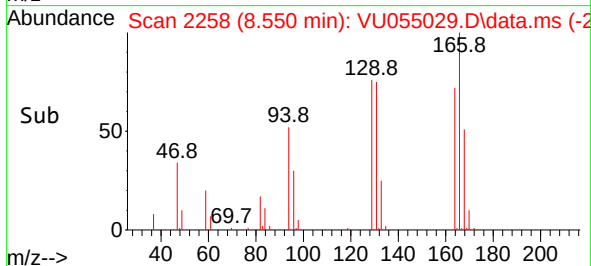
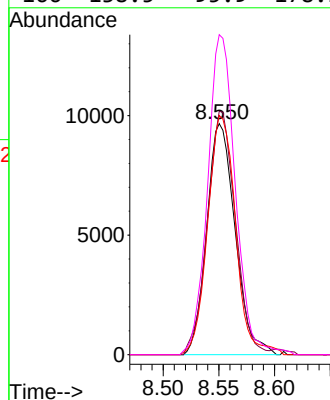
Ion Ratio Lower Upper

164 100

129 105.4 72.8 135.2

131 103.5 70.7 131.3

166 138.5 95.9 178.1



#48

2-Hexanone

Concen: 4.248 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU055029.D

Acq: 31 Aug 2023 18:28

Tgt Ion: 43 Resp: 18848

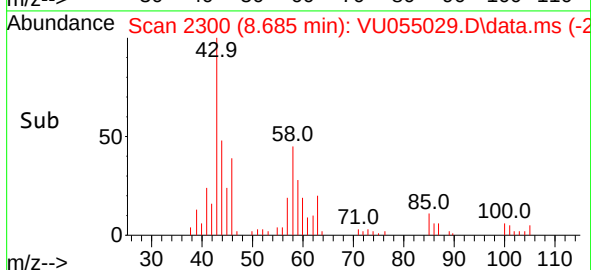
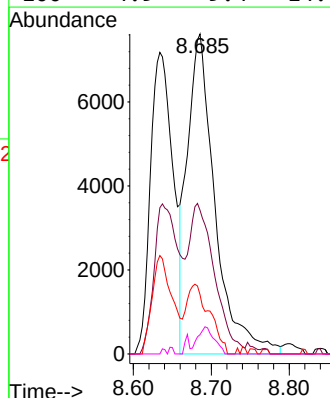
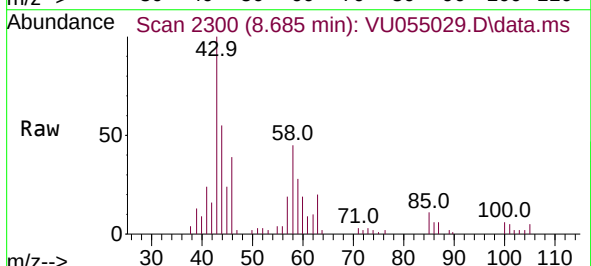
Ion Ratio Lower Upper

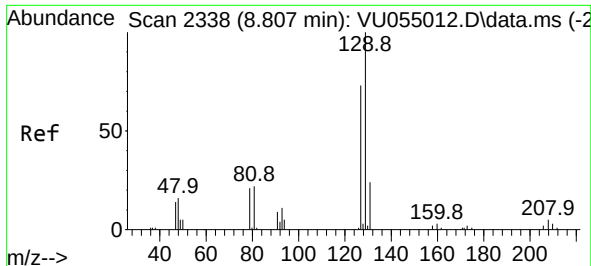
43 100

58 40.4 44.0 66.0#

57 17.9 15.9 23.9

100 4.9 9.4 14.0#

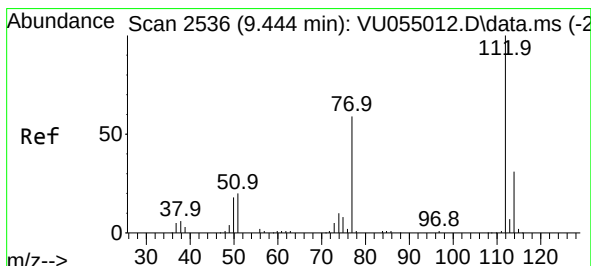
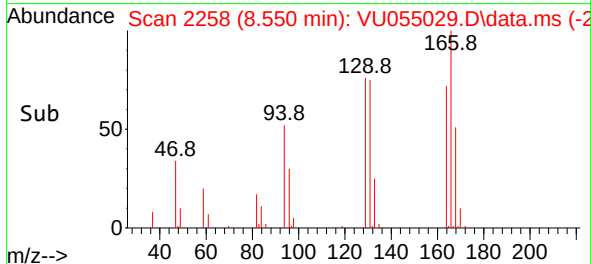
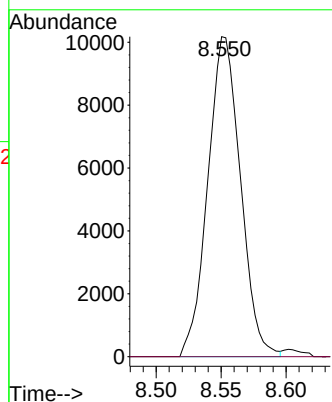
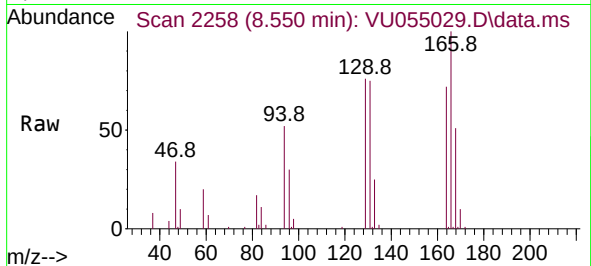




#49
Dibromochloromethane
Concen: 2.121 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU055029.D
Acq: 31 Aug 2023 18:28

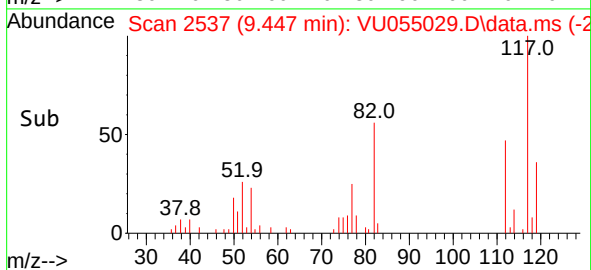
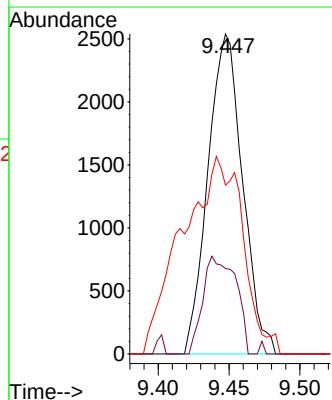
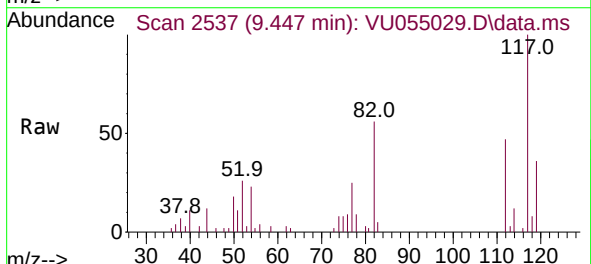
Instrument :
MSVOA_U
ClientSampleId :

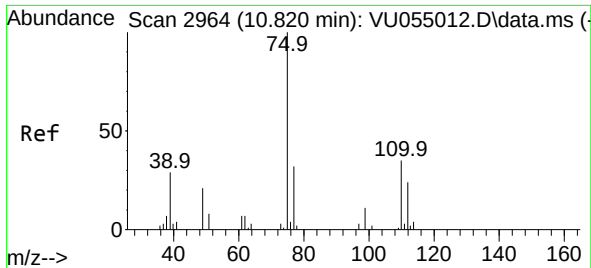
Tgt Ion:129 Resp: 17821
Ion Ratio Lower Upper
129 100
127 0.0 60.5 112.5#



#51
Chlorobenzene
Concen: 0.155 ug/L
RT: 9.447 min Scan# 2537
Delta R.T. 0.003 min
Lab File: VU055029.D
Acq: 31 Aug 2023 18:28

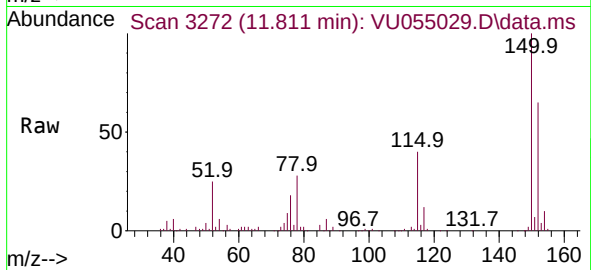
Tgt Ion:112 Resp: 4316
Ion Ratio Lower Upper
112 100
114 26.7 23.4 43.4
77 52.7 49.3 73.9





#61
 1,2,3-Trichloropropane
 Concen: 1.901 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.991 min
 Lab File: VU055029.D
 Acq: 31 Aug 2023 18:28

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 11383
 Ion Ratio Lower Upper
 75 100
 110 2.7 29.0 43.6#
 77 33.8 26.5 39.7

