

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055156.D
 Acq On : 06 Sep 2023 22:08
 Operator : MD/SY
 Sample : 04286-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 22:31:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

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

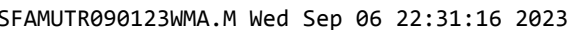
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	168643	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	175064	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	86490	5.000	ug/L	0.00

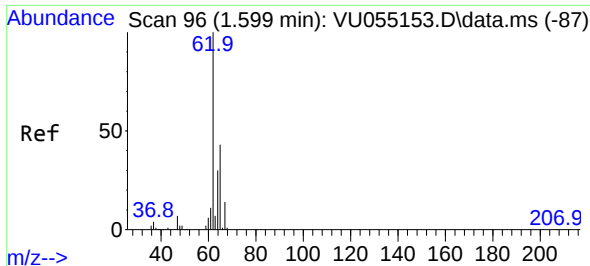
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	31002	3.922	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.907	69	39826	4.353	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.563	65	20580	4.570	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.400%
20) 2-Butanone-d5	4.628	46	129798	56.590	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.180%
24) Chloroform-d	5.058	84	99709	4.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.702	65	53079	5.058	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.724	84	192655	4.458	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.689	67	65449	4.762	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.898	98	167347	4.204	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	8.181	79	16045	4.239	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.634	63	75659	49.237	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.480%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	49595	5.131	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	60110	4.761	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%

Target Compounds				Qvalue		
5) Vinyl chloride	1.599	62	1262	0.120	ug/L #	58
9) Trichlorofluoromethane	2.133	101	6158	0.402	ug/L	99
12) 1,1-Dichloroethene	2.576	96	99451	12.756	ug/L #	78
17) Methyl tert-butyl Ether	3.364	73	8797	0.430	ug/L #	94
19) 1,1-Dichloroethane	3.866	63	12625	0.739	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	81838	8.452	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	4233	0.280	ug/L	88
34) Trichloroethene	6.541	95	724032	69.922	ug/L	98
35) Methylcyclohexane	6.689	83	16471	1.134	ug/L #	36
37) 1,2-Dichloropropane	6.689	63	7820	0.771	ug/L #	88
45) 1,1,2-Trichloroethane	8.406	97	784	0.115	ug/L	81
47) Tetrachloroethene	8.550	164	43836	6.125	ug/L	99
48) 2-Hexanone	8.685	43	17317	3.821	ug/L #	86
49) Dibromochloromethane	8.553	129	43950	5.893	ug/L #	9
61) 1,2,3-Trichloropropane	11.811	75	13129	2.287	ug/L #	69

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

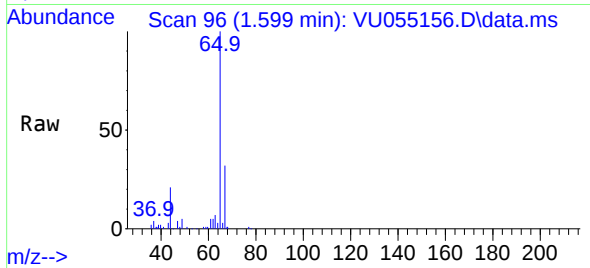
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 06 05:03:37 2023
Response via : Initial Calibration



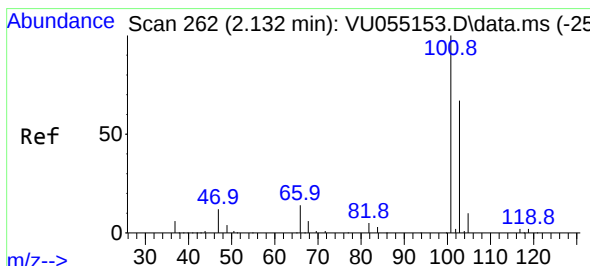
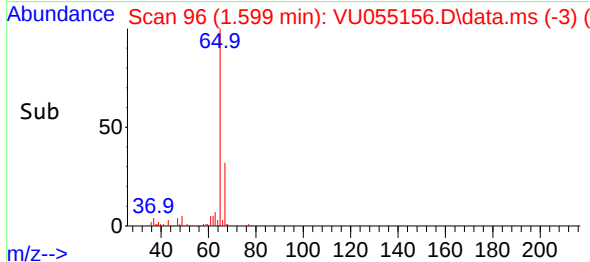
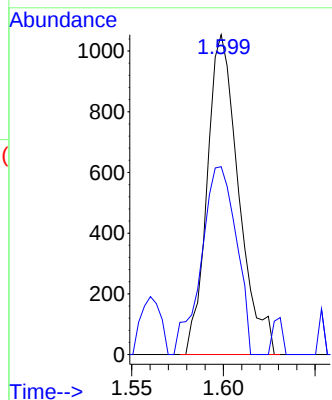


#5
 Vinyl chloride
 Concen: 0.120 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU055156.D
 Acq: 06 Sep 2023 22:08

Instrument :
 MSVOA_U
 ClientSampleId :

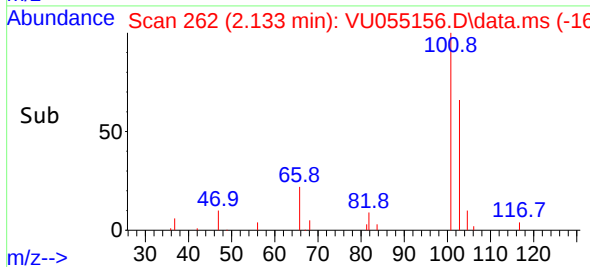
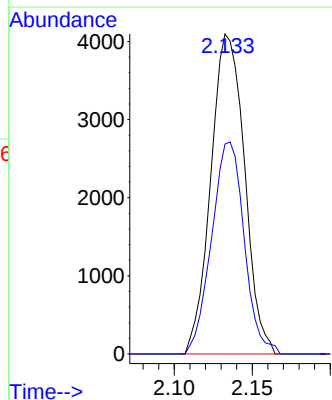
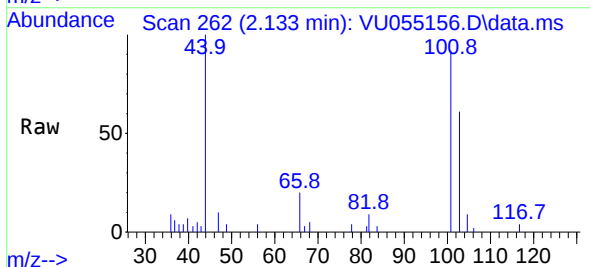


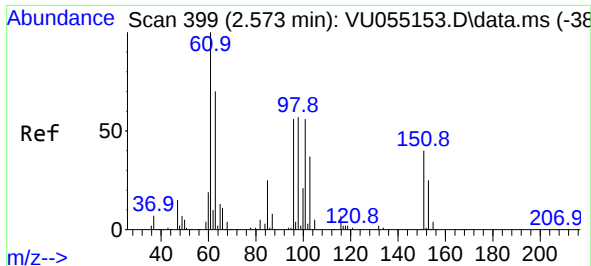
Tgt Ion: 62 Resp: 1262
 Ion Ratio Lower Upper
 62 100
 64 58.7 24.2 45.0#



#9
 Trichlorofluoromethane
 Concen: 0.402 ug/L
 RT: 2.133 min Scan# 262
 Delta R.T. 0.000 min
 Lab File: VU055156.D
 Acq: 06 Sep 2023 22:08

Tgt Ion: 101 Resp: 6158
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.9 77.9





#12

1,1-Dichloroethene

Concen: 12.756 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

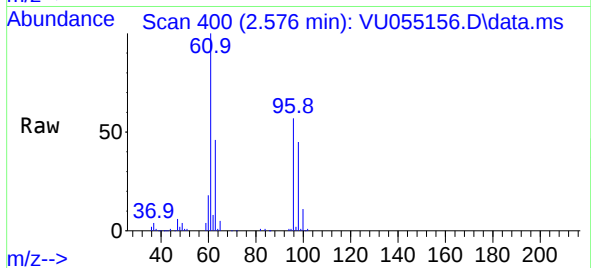
Lab File: VU055156.D

Acq: 06 Sep 2023 22:08

Instrument :

MSVOA_U

ClientSampleId :



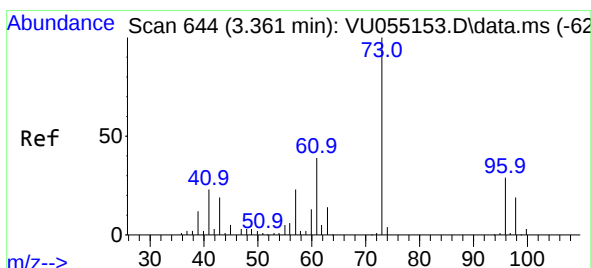
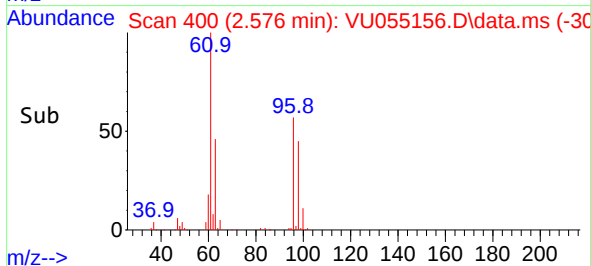
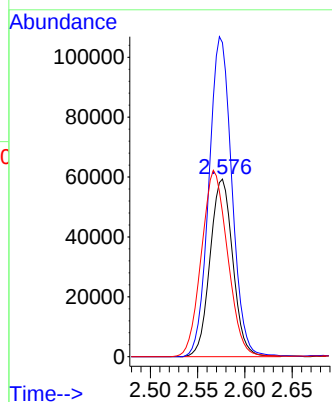
Tgt Ion: 96 Resp: 99451

Ion Ratio Lower Upper

96 100

61 176.9 120.8 224.4

63 81.3 94.5 175.5#



#17

Methyl tert-butyl Ether

Concen: 0.430 ug/L

RT: 3.364 min Scan# 645

Delta R.T. 0.000 min

Lab File: VU055156.D

Acq: 06 Sep 2023 22:08

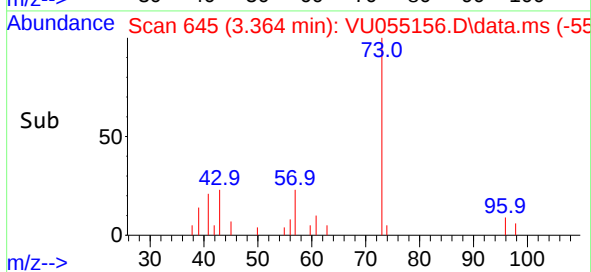
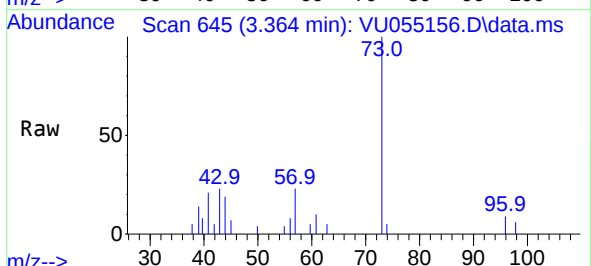
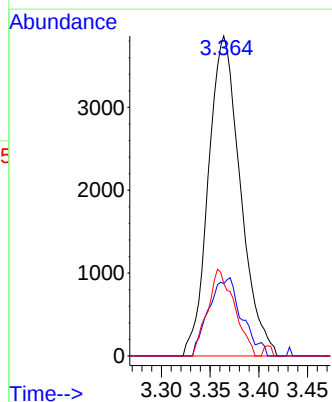
Tgt Ion: 73 Resp: 8797

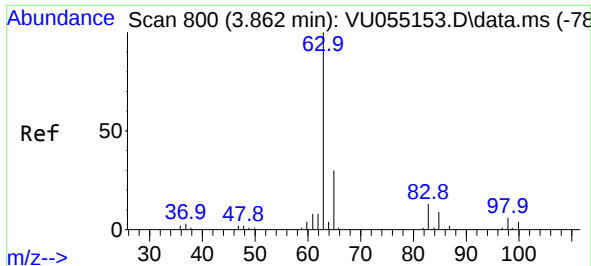
Ion Ratio Lower Upper

73 100

43 25.3 16.2 24.2#

57 22.7 17.4 26.2





#19

1,1-Dichloroethane

Concen: 0.739 ug/L

RT: 3.866 min Scan# 80

Delta R.T. 0.000 min

Lab File: VU055156.D

Acq: 06 Sep 2023 22:08

Instrument :

MSVOA_U

ClientSampleId :

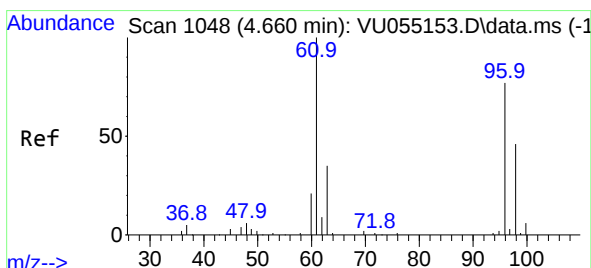
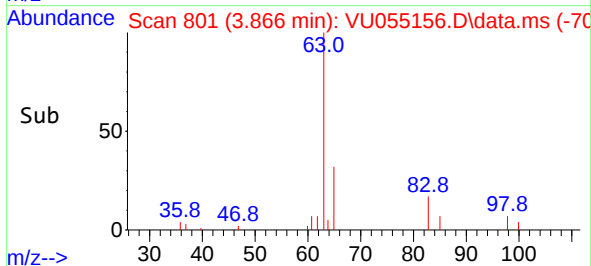
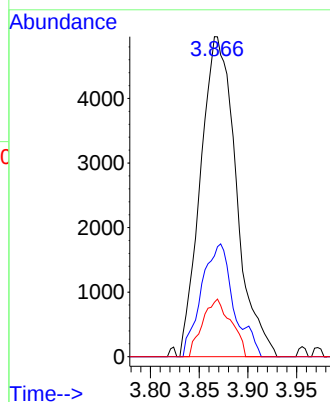
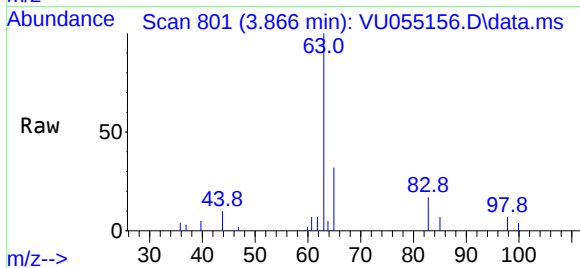
Tgt Ion: 63 Resp: 12625

Ion Ratio Lower Upper

63 100

65 30.0 22.2 41.2

83 16.2 10.6 19.8



#22

cis-1,2-Dichloroethene

Concen: 8.452 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU055156.D

Acq: 06 Sep 2023 22:08

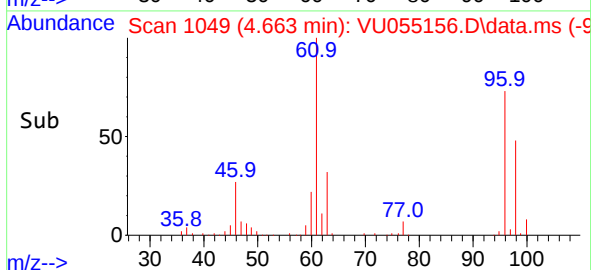
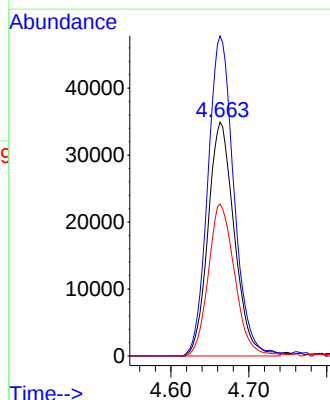
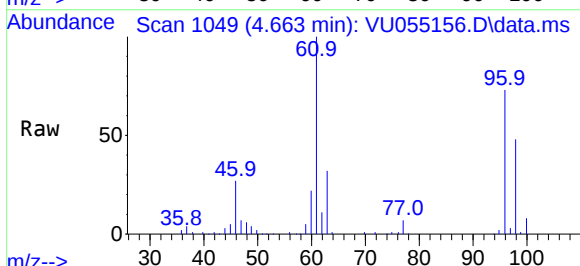
Tgt Ion: 96 Resp: 81838

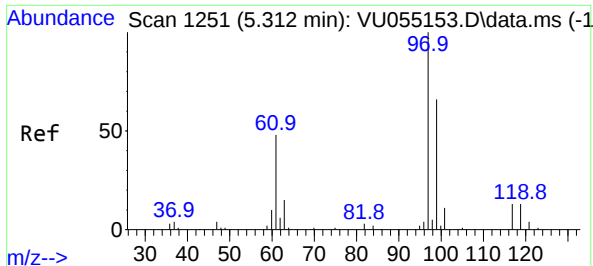
Ion Ratio Lower Upper

96 100

61 136.9 97.2 180.4

98 65.0 46.1 85.7



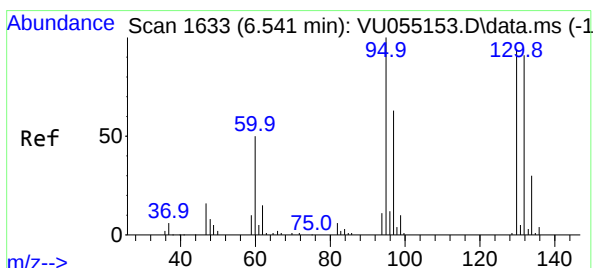
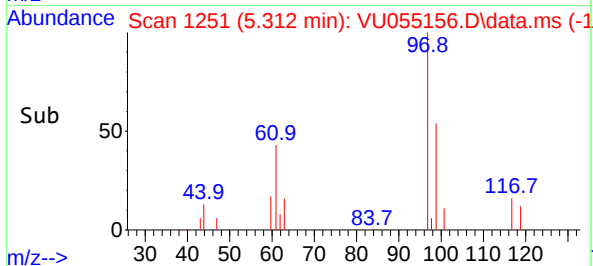
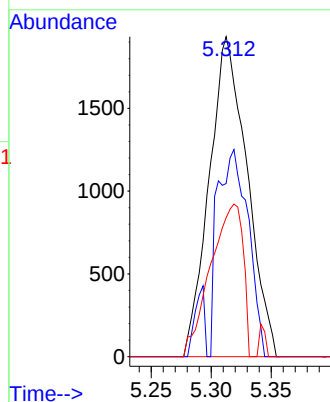
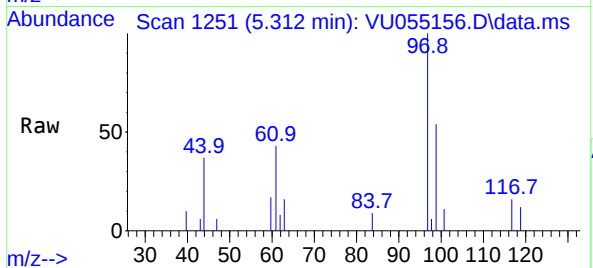


#29
1,1,1-Trichloroethane
Concen: 0.280 ug/L
RT: 5.312 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU055156.D
Acq: 06 Sep 2023 22:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 4233

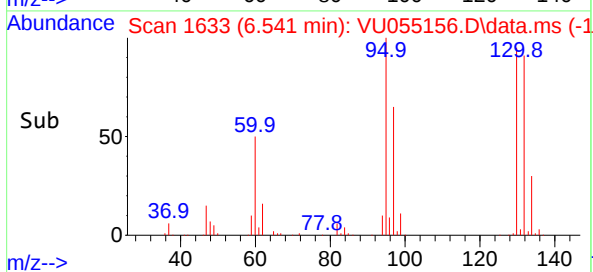
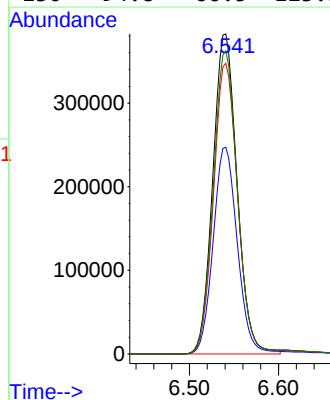
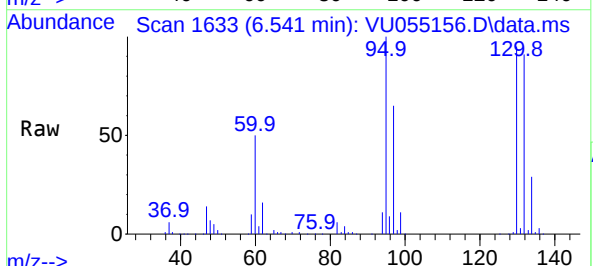
Ion	Ratio	Lower	Upper
97	100		
99	52.3	51.8	77.8
61	41.0	36.8	55.2

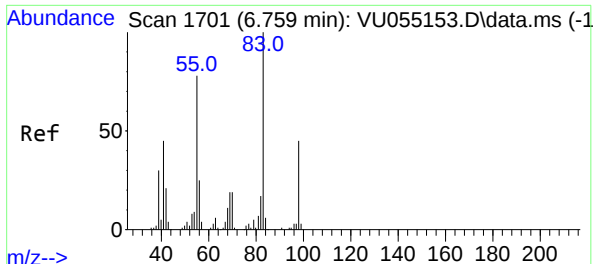


#34
Trichloroethene
Concen: 69.922 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VU055156.D
Acq: 06 Sep 2023 22:08

Tgt Ion: 95 Resp: 724032

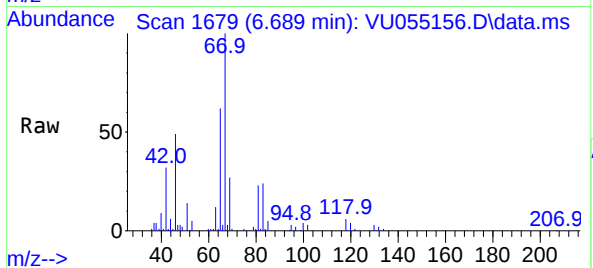
Ion	Ratio	Lower	Upper
95	100		
97	64.6	44.7	83.1
132	90.9	66.6	123.6
130	94.8	66.5	123.5



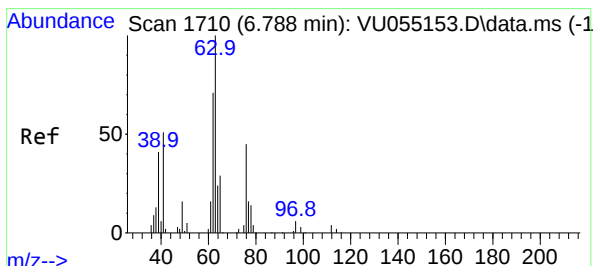
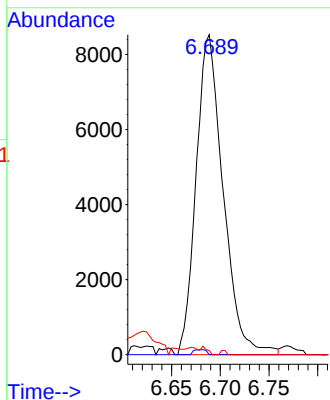
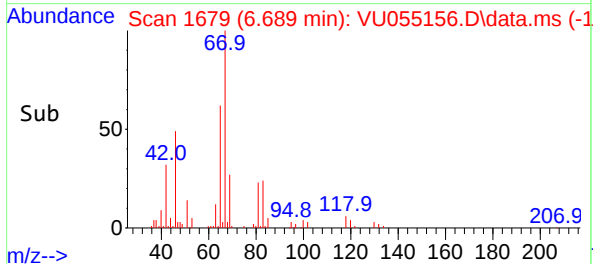


#35
Methylcyclohexane
Concen: 1.134 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055156.D
Acq: 06 Sep 2023 22:08

Instrument :
MSVOA_U
ClientSampleId :

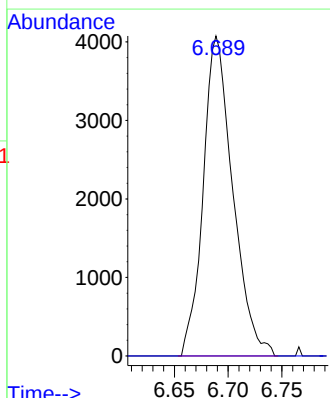
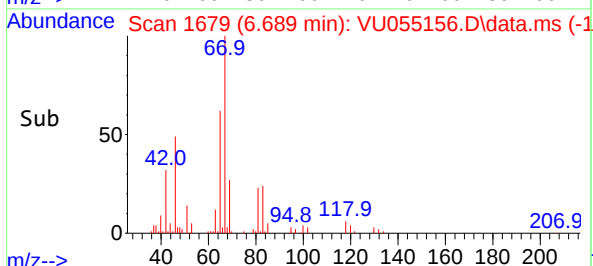
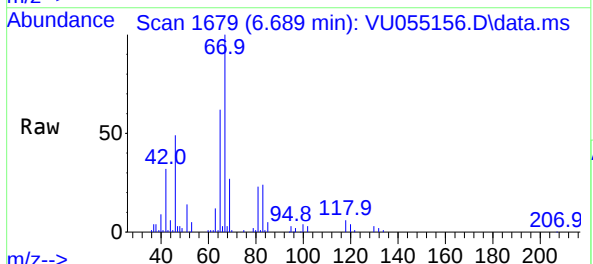


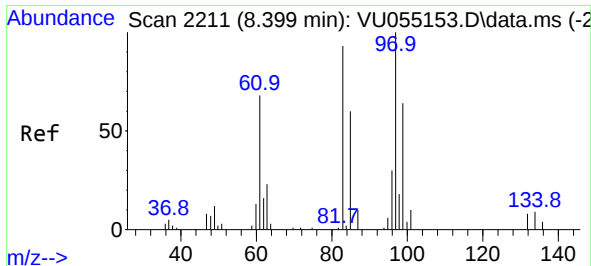
Tgt Ion: 83 Resp: 16471
Ion Ratio Lower Upper
83 100
55 0.7 60.4 90.6#
98 28.3 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.771 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU055156.D
Acq: 06 Sep 2023 22:08

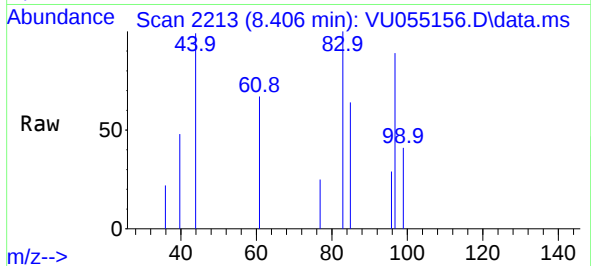
Tgt Ion: 63 Resp: 7820
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



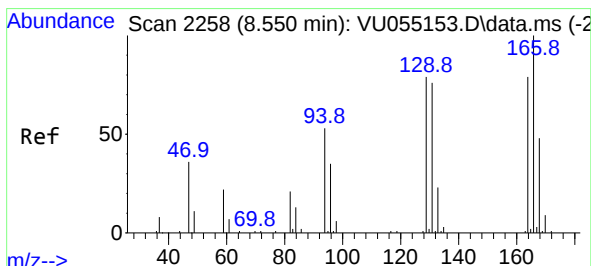
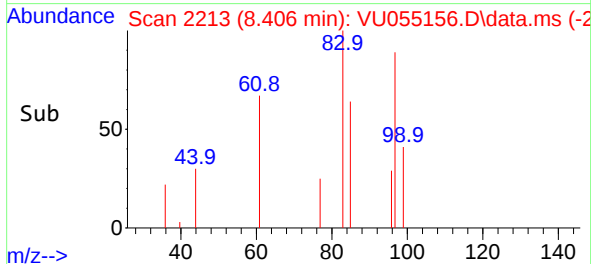
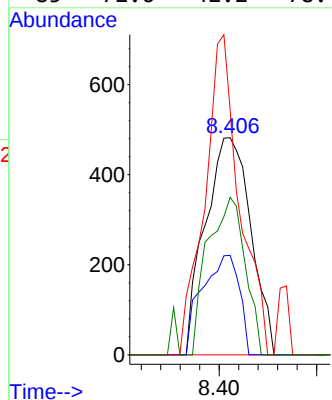


#45
1,1,2-Trichloroethane
Concen: 0.115 ug/L
RT: 8.406 min Scan# 211
Delta R.T. 0.007 min
Lab File: VU055156.D
Acq: 06 Sep 2023 22:08

Instrument :
MSVOA_U
ClientSampleId :

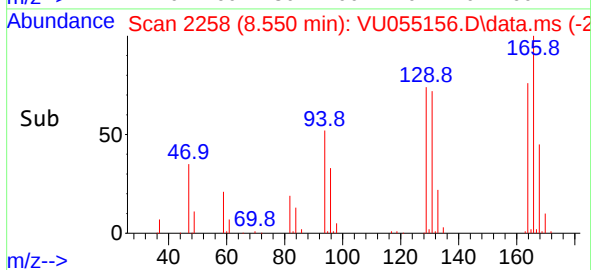
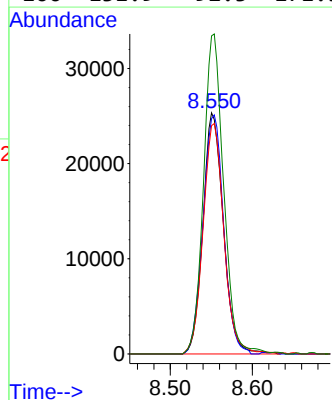
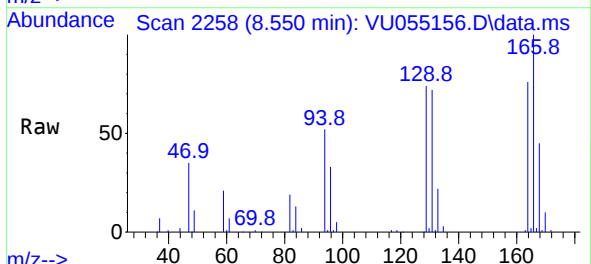


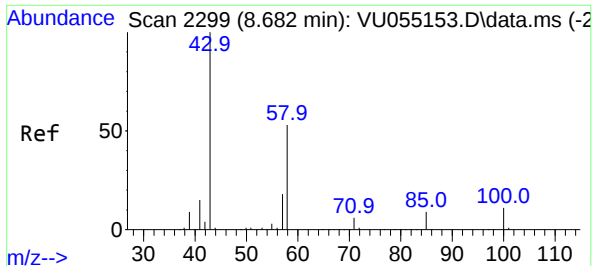
Tgt Ion: 97 Resp: 784
Ion Ratio Lower Upper
97 100
99 45.9 44.9 83.5
83 112.9 66.9 124.3
85 72.6 42.2 78.4



#47
Tetrachloroethene
Concen: 6.125 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.003 min
Lab File: VU055156.D
Acq: 06 Sep 2023 22:08

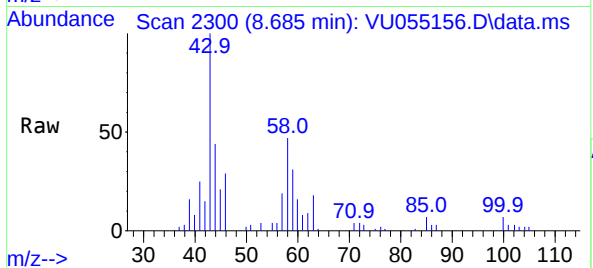
Tgt Ion: 164 Resp: 43836
Ion Ratio Lower Upper
164 100
129 97.6 69.2 128.6
131 94.7 68.8 127.8
166 131.9 92.3 171.5



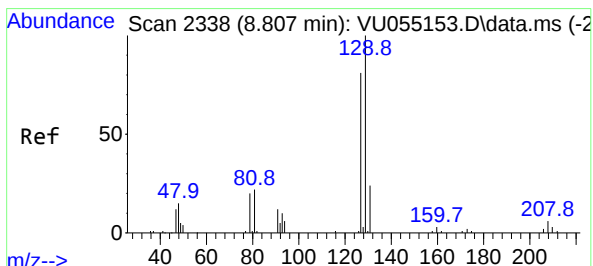
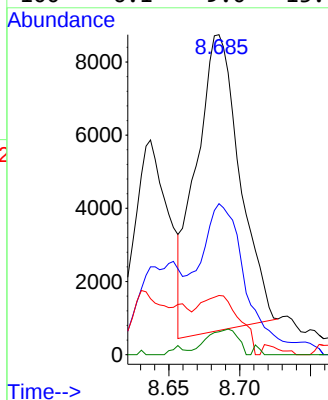
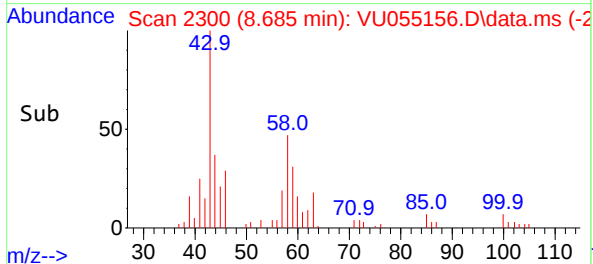


#48
2-Hexanone
Concen: 3.821 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055156.D
Acq: 06 Sep 2023 22:08

Instrument :
MSVOA_U
ClientSampleId :

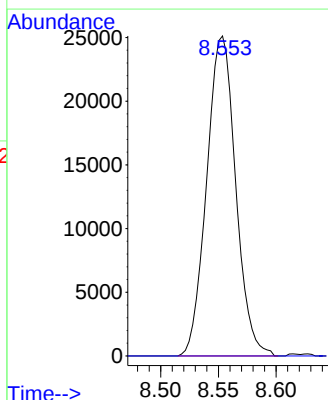
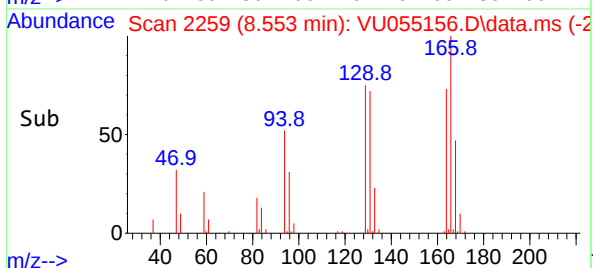
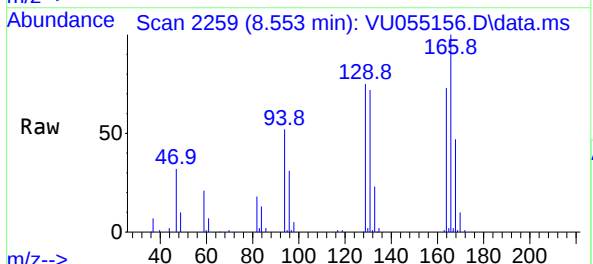


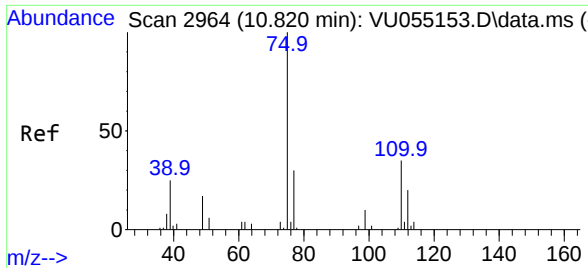
Tgt Ion: 43 Resp: 17317
Ion Ratio Lower Upper
43 100
58 42.3 44.0 66.0#
57 18.5 16.2 24.2
100 6.1 9.0 13.4#



#49
Dibromochloromethane
Concen: 5.893 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. -0.254 min
Lab File: VU055156.D
Acq: 06 Sep 2023 22:08

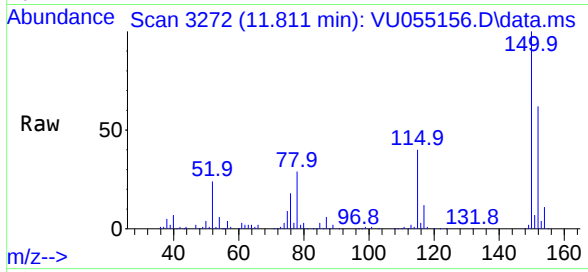
Tgt Ion:129 Resp: 43950
Ion Ratio Lower Upper
129 100
127 0.0 55.9 103.7#





#61
 1,2,3-Trichloropropane
 Concen: 2.287 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055156.D
 Acq: 06 Sep 2023 22:08

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 13129
 Ion Ratio Lower Upper
 75 100
 110 3.0 28.2 42.2#
 77 29.5 26.2 39.4

