

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U040424\
 Data File : VU058393.D
 Acq On : 05 Apr 2024 02:18
 Operator : MD/SY
 Sample : P1970-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AJ7

Quant Time: Apr 05 05:15:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 05 00:02:56 2024
 Response via : Initial Calibration

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

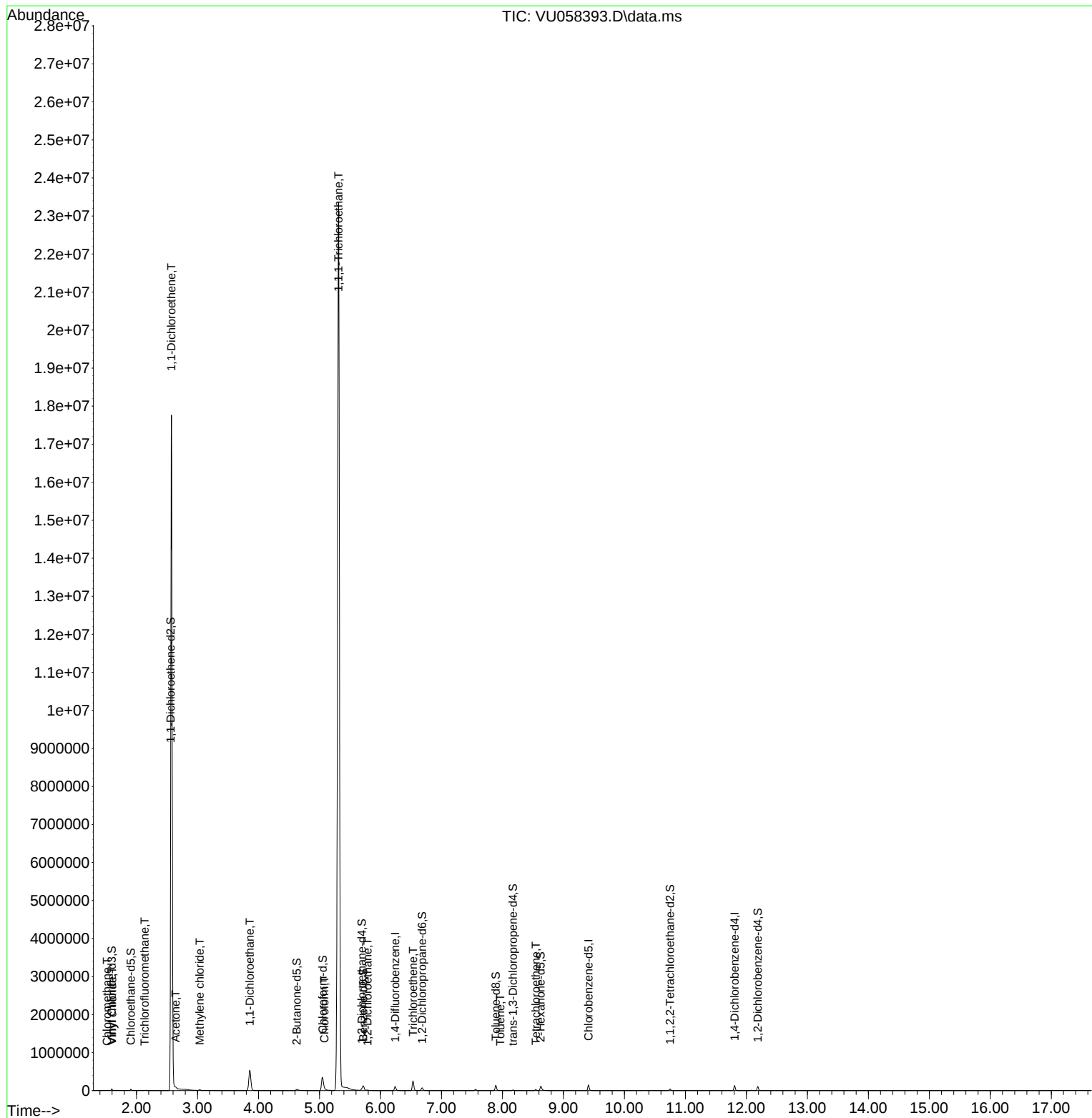
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	84984	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	79837	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	34873	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	27787	4.939	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.800%
7) Chloroethane-d5	1.907	69	24068	4.922	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.560	65	15397	6.046	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	121.000%
20) 2-Butanone-d5	4.628	46	58270	49.143	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.280%
24) Chloroform-d	5.052	84	55505	4.942	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.695	65	26337	5.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.718	84	110380	5.135	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	6.682	67	35188	5.220	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.891	98	93298	4.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	8.174	79	10739	5.132	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.600%
46) 2-Hexanone-d5	8.627	63	41896	48.546	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.100%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	21612	4.542	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	28208	4.803	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	1202	0.139	ug/L	93
5) Vinyl chloride	1.602	62	1562	0.180	ug/L #	81
9) Trichlorofluoromethane	2.136	101	2862	0.250	ug/L	95
12) 1,1-Dichloroethene	2.573	96	5414212	898.953	ug/L #	76
13) Acetone	2.641	43	92740	91.638	ug/L	97
16) Methylene chloride	3.036	84	8786	1.099	ug/L	98
19) 1,1-Dichloroethane	3.859	63	627716	45.560	ug/L	98
25) Chloroform	5.081	83	7246	0.543	ug/L	100
27) 1,2-Dichloroethane	5.788	62	9931	1.223	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	15953213	1490.395	ug/L	98
34) Trichloroethene	6.534	95	86480	11.855	ug/L	98
42) Toluene	7.965	91	3731	0.123	ug/L	96
47) Tetrachloroethene	8.547	164	5968	1.116	ug/L	94

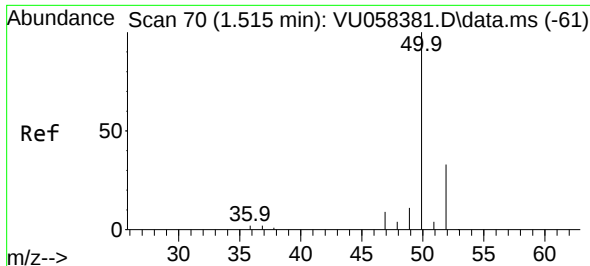
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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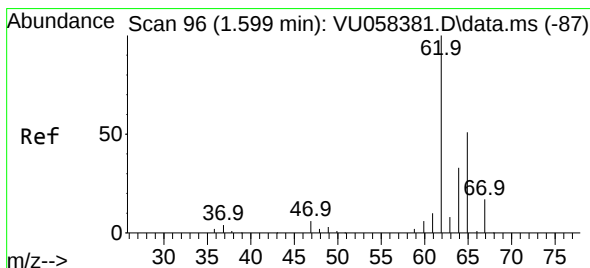
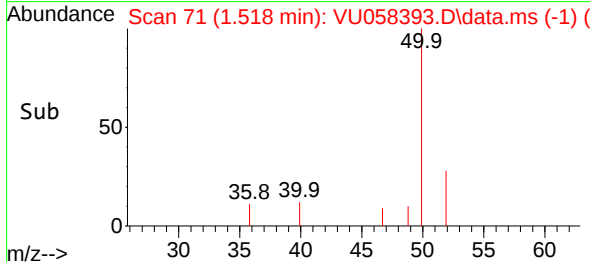
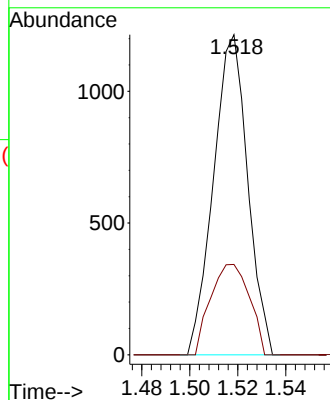
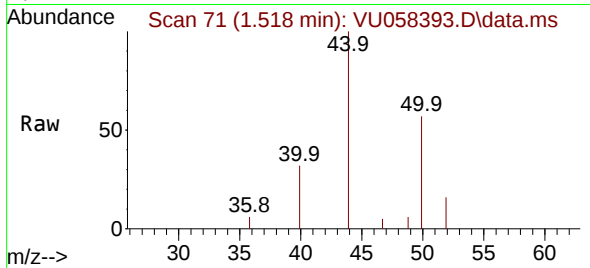




#3
Chloromethane
Concen: 0.139 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU058393.D
Acq: 05 Apr 2024 02:18

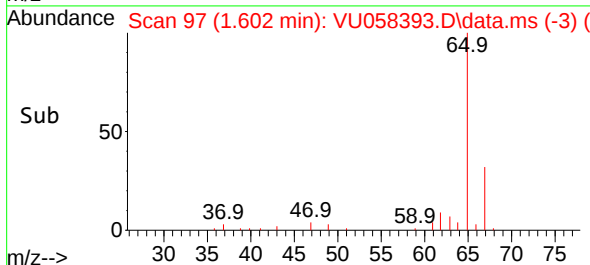
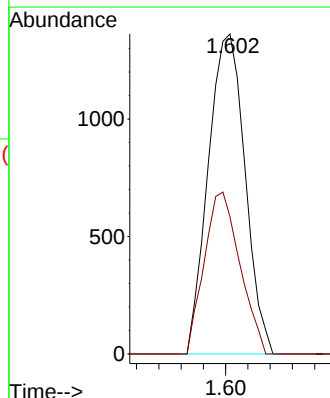
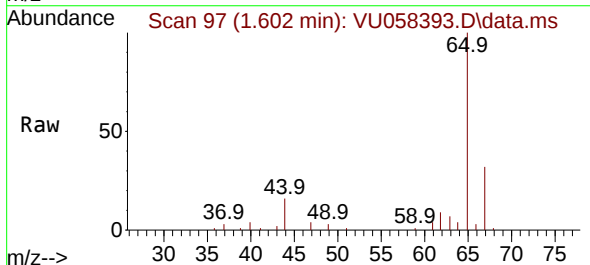
Instrument :
MSVOA_U
ClientSampleId :
C0AJ7

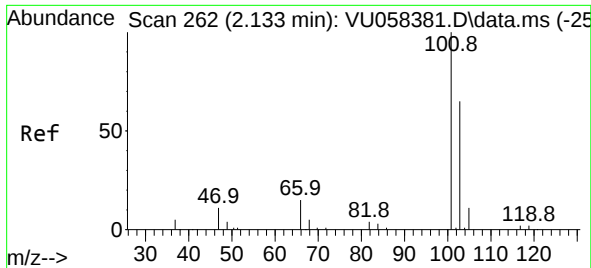
Tgt Ion: 50 Resp: 1202
Ion Ratio Lower Upper
50 100
52 28.2 22.6 42.0



#5
Vinyl chloride
Concen: 0.180 ug/L
RT: 1.602 min Scan# 97
Delta R.T. 0.003 min
Lab File: VU058393.D
Acq: 05 Apr 2024 02:18

Tgt Ion: 62 Resp: 1562
Ion Ratio Lower Upper
62 100
64 42.9 22.6 42.0#

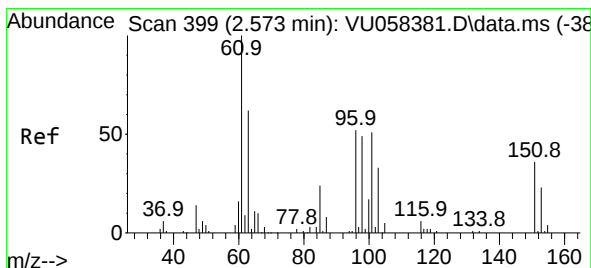
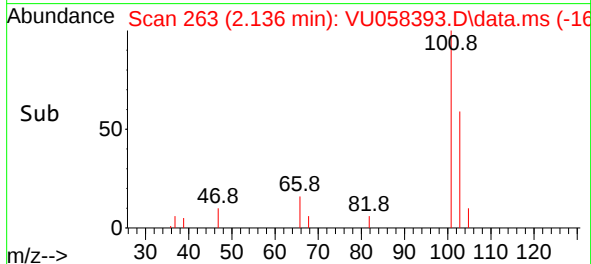
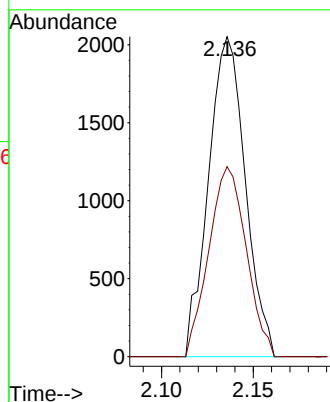
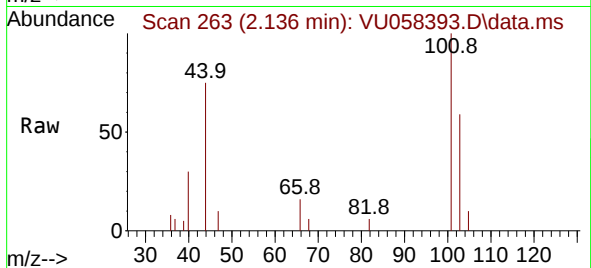




#9
 Trichlorofluoromethane
 Concen: 0.250 ug/L
 RT: 2.136 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU058393.D
 Acq: 05 Apr 2024 02:18

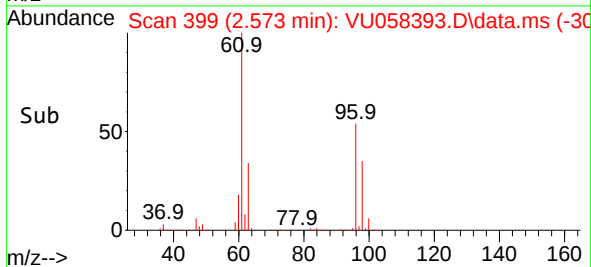
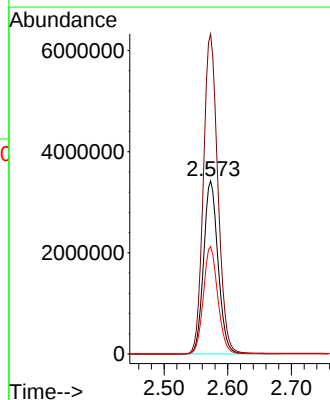
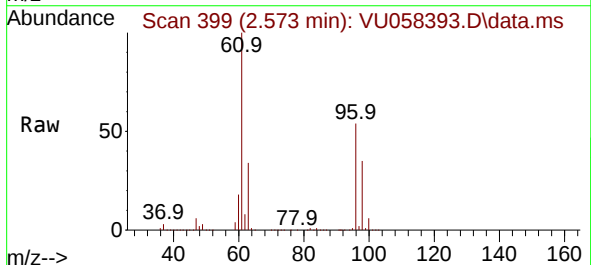
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AJ7

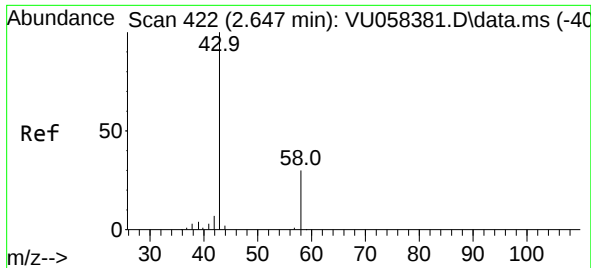
Tgt Ion:101 Resp: 2862
 Ion Ratio Lower Upper
 101 100
 103 60.4 51.2 76.8



#12
 1,1-Dichloroethene
 Concen: 898.953 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU058393.D
 Acq: 05 Apr 2024 02:18

Tgt Ion: 96 Resp: 5414212
 Ion Ratio Lower Upper
 96 100
 61 184.8 132.5 246.1
 63 62.0 87.7 162.9#





#13

Acetone

Concen: 91.638 ug/L

RT: 2.641 min Scan# 41

Delta R.T. -0.007 min

Lab File: VU058393.D

Acq: 05 Apr 2024 02:18

Instrument :

MSVOA_U

ClientSampleId :

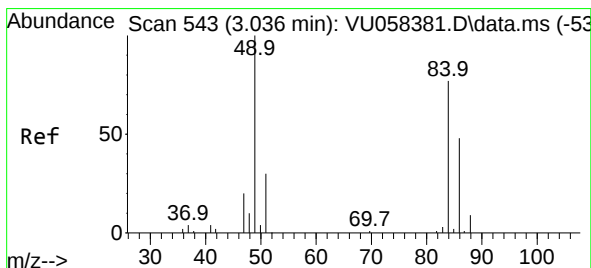
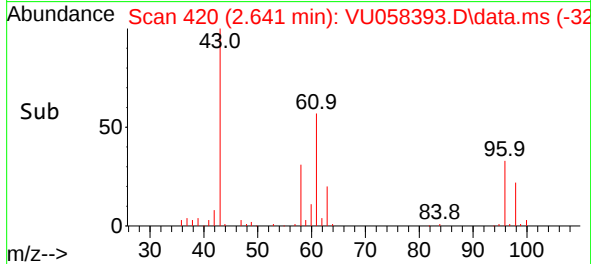
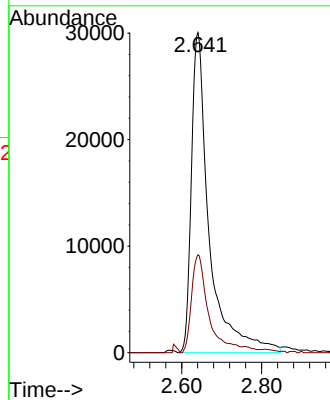
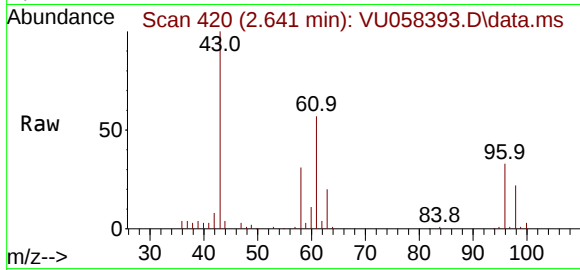
C0AJ7

Tgt Ion: 43 Resp: 92740

Ion Ratio Lower Upper

43 100

58 29.1 0.0 61.4



#16

Methylene chloride

Concen: 1.099 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU058393.D

Acq: 05 Apr 2024 02:18

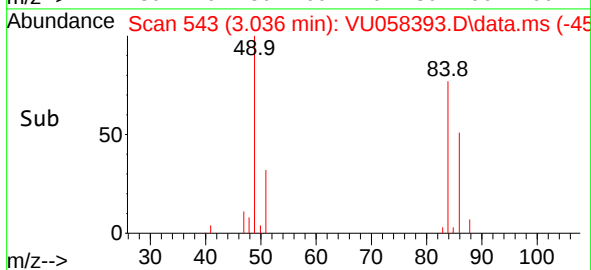
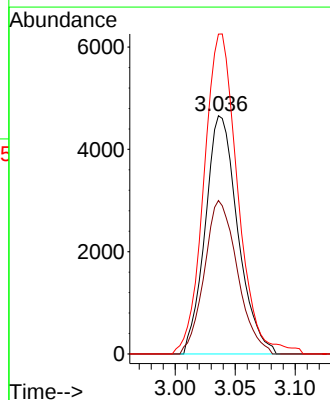
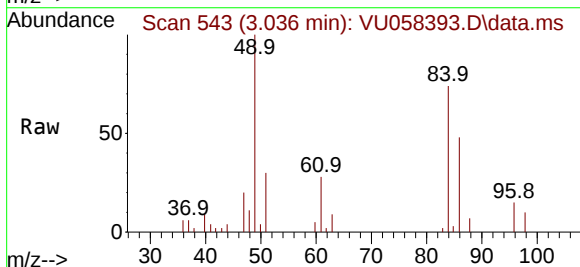
Tgt Ion: 84 Resp: 8786

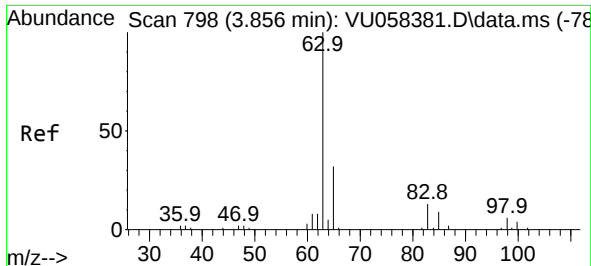
Ion Ratio Lower Upper

84 100

86 64.4 44.3 82.3

49 134.3 96.0 178.2





#19

1,1-Dichloroethane

Concen: 45.560 ug/L

RT: 3.859 min Scan# 798

Delta R.T. 0.003 min

Lab File: VU058393.D

Acq: 05 Apr 2024 02:18

Instrument :

MSVOA_U

ClientSampleId :

C0AJ7

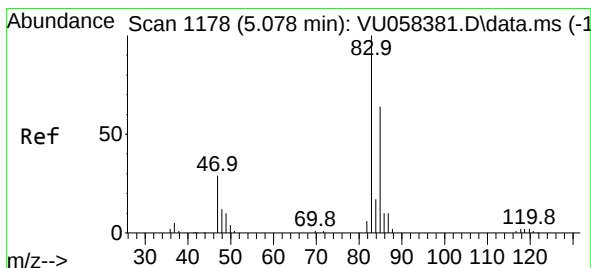
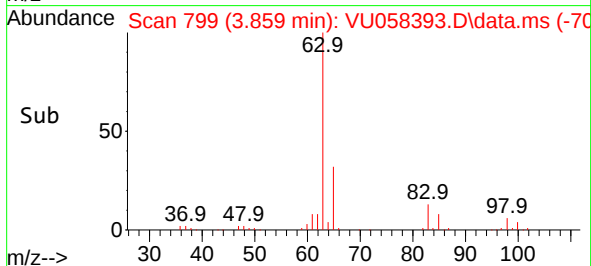
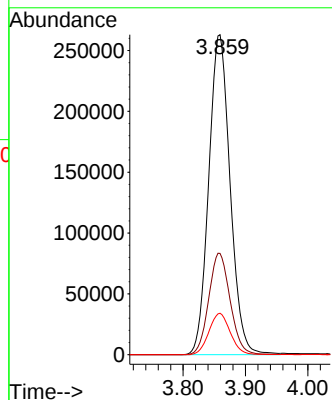
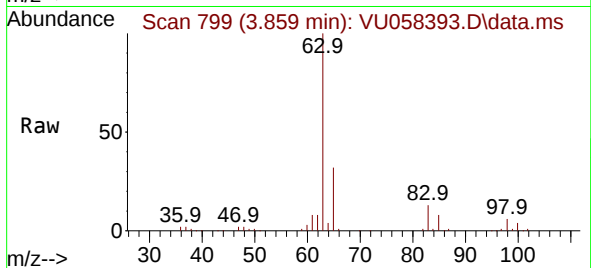
Tgt Ion: 63 Resp: 627716

Ion Ratio Lower Upper

63 100

65 31.6 22.9 42.5

83 12.9 9.6 17.8



#25

Chloroform

Concen: 0.543 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.003 min

Lab File: VU058393.D

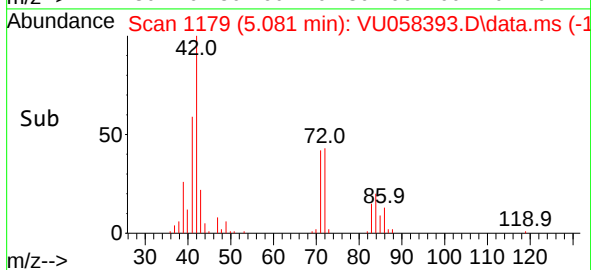
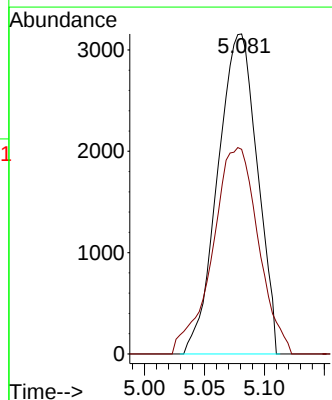
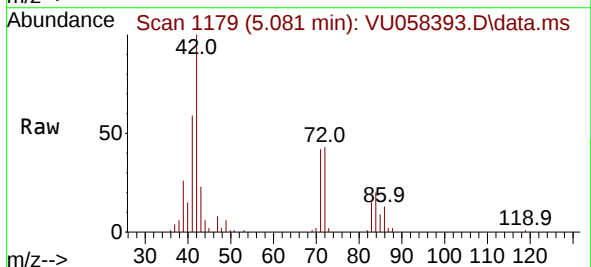
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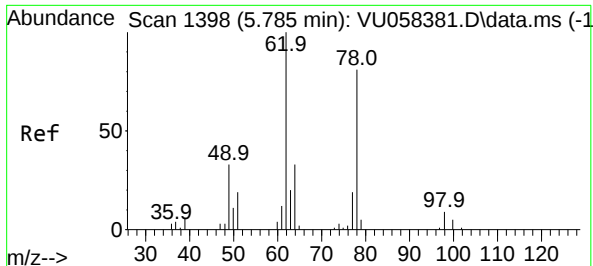
Tgt Ion: 83 Resp: 7246

Ion Ratio Lower Upper

83 100

85 63.9 44.7 83.1

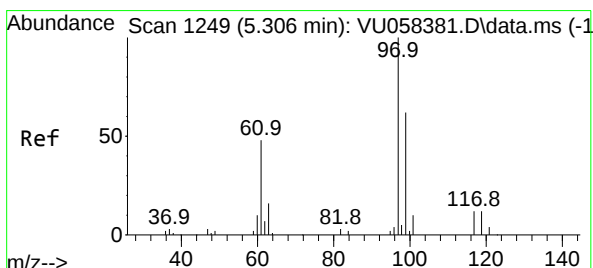
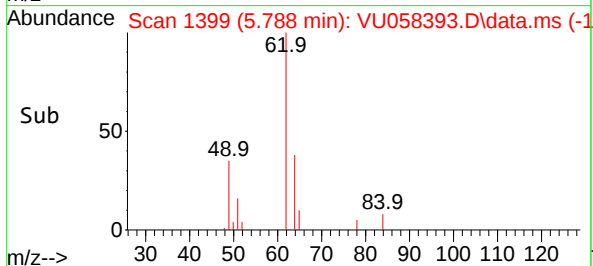
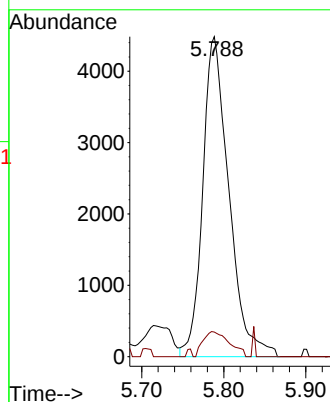
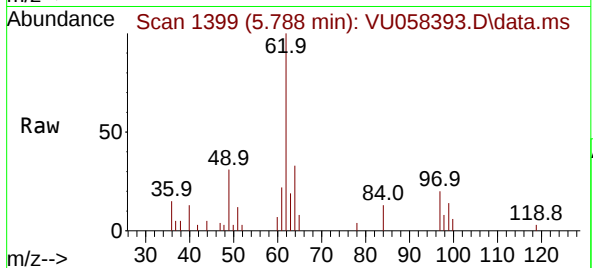




#27
1,2-Dichloroethane
Concen: 1.223 ug/L
RT: 5.788 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU058393.D
Acq: 05 Apr 2024 02:18

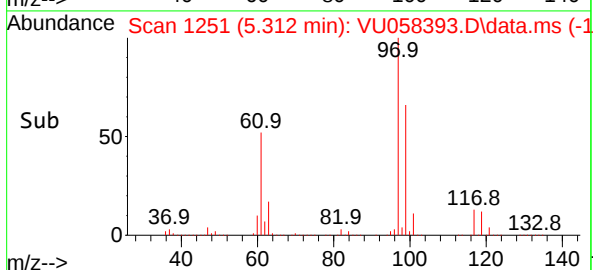
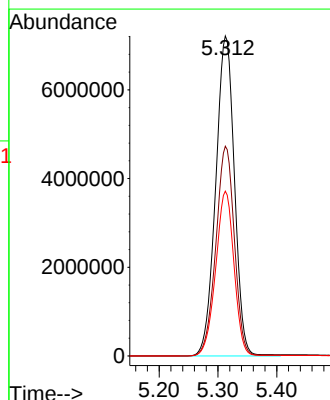
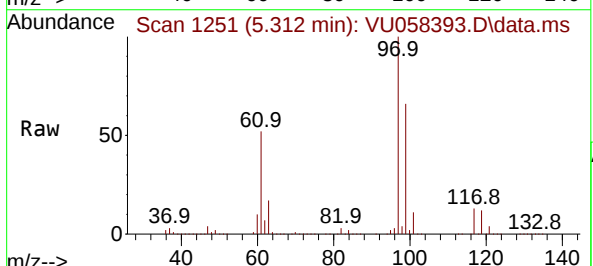
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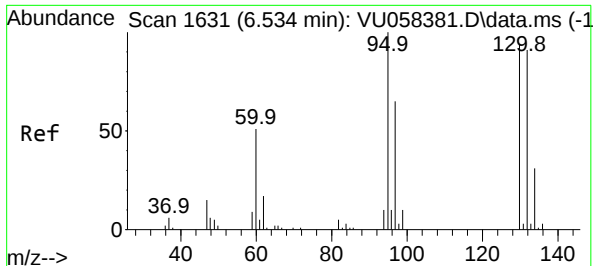
Tgt Ion: 62 Resp: 9931
Ion Ratio Lower Upper
62 100
98 7.7 7.0 10.4



#29
1,1,1-Trichloroethane
Concen: 1490.395 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. 0.006 min
Lab File: VU058393.D
Acq: 05 Apr 2024 02:18

Tgt Ion: 97 Resp:15953213
Ion Ratio Lower Upper
97 100
99 64.8 50.4 75.6
61 50.5 39.4 59.0

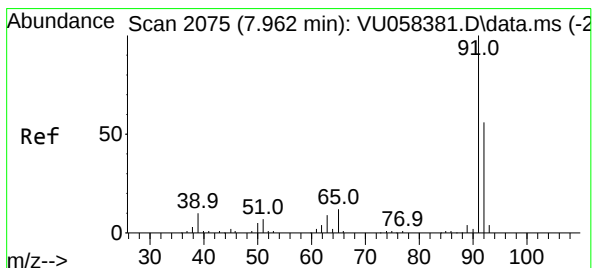
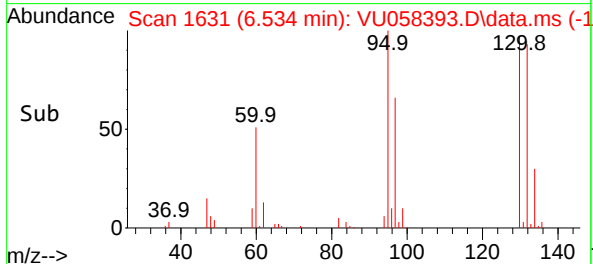
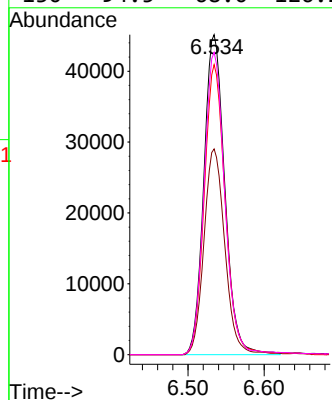
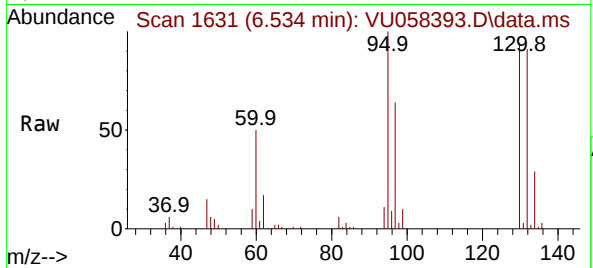




#34
Trichloroethene
Concen: 11.855 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU058393.D
Acq: 05 Apr 2024 02:18

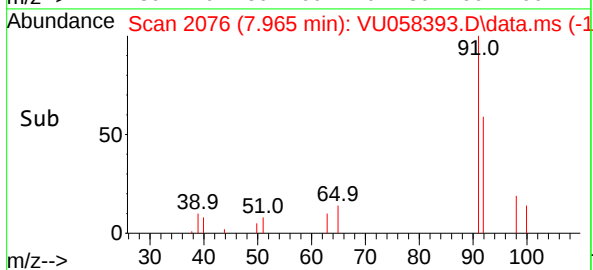
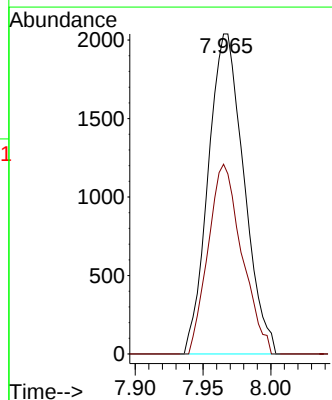
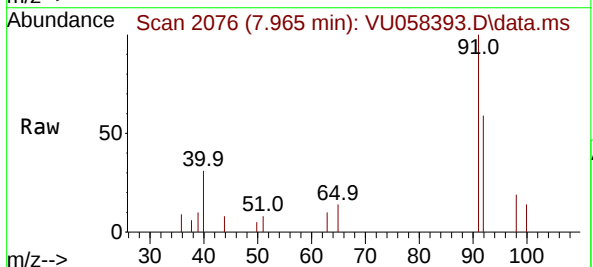
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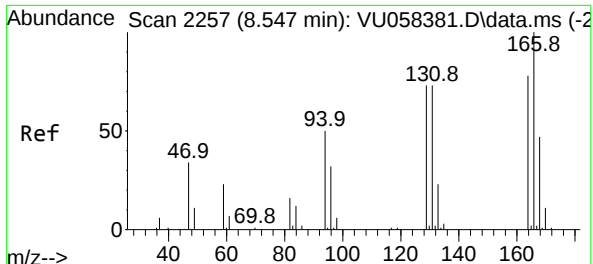
Tgt Ion: 95 Resp: 86480
Ion Ratio Lower Upper
95 100
97 64.3 45.6 84.6
132 90.7 64.8 120.3
130 94.5 68.0 126.2



#42
Toluene
Concen: 0.123 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU058393.D
Acq: 05 Apr 2024 02:18

Tgt Ion: 91 Resp: 3731
Ion Ratio Lower Upper
91 100
92 59.3 39.5 73.3





#47

Tetrachloroethene

Concen: 1.116 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU058393.D

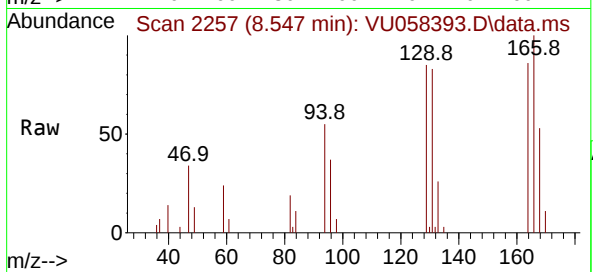
Acq: 05 Apr 2024 02:18

Instrument :

MSVOA_U

ClientSampleId :

C0AJ7



Tgt Ion:164 Resp: 5968

Ion Ratio Lower Upper

164 100

129 98.8 67.3 125.1

131 96.8 65.5 121.6

166 116.1 89.5 166.1

