

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058391.D
 Acq On : 05 Apr 2024 01:31
 Operator : MD/SY
 Sample : P1970-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 05 02:24:47 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)

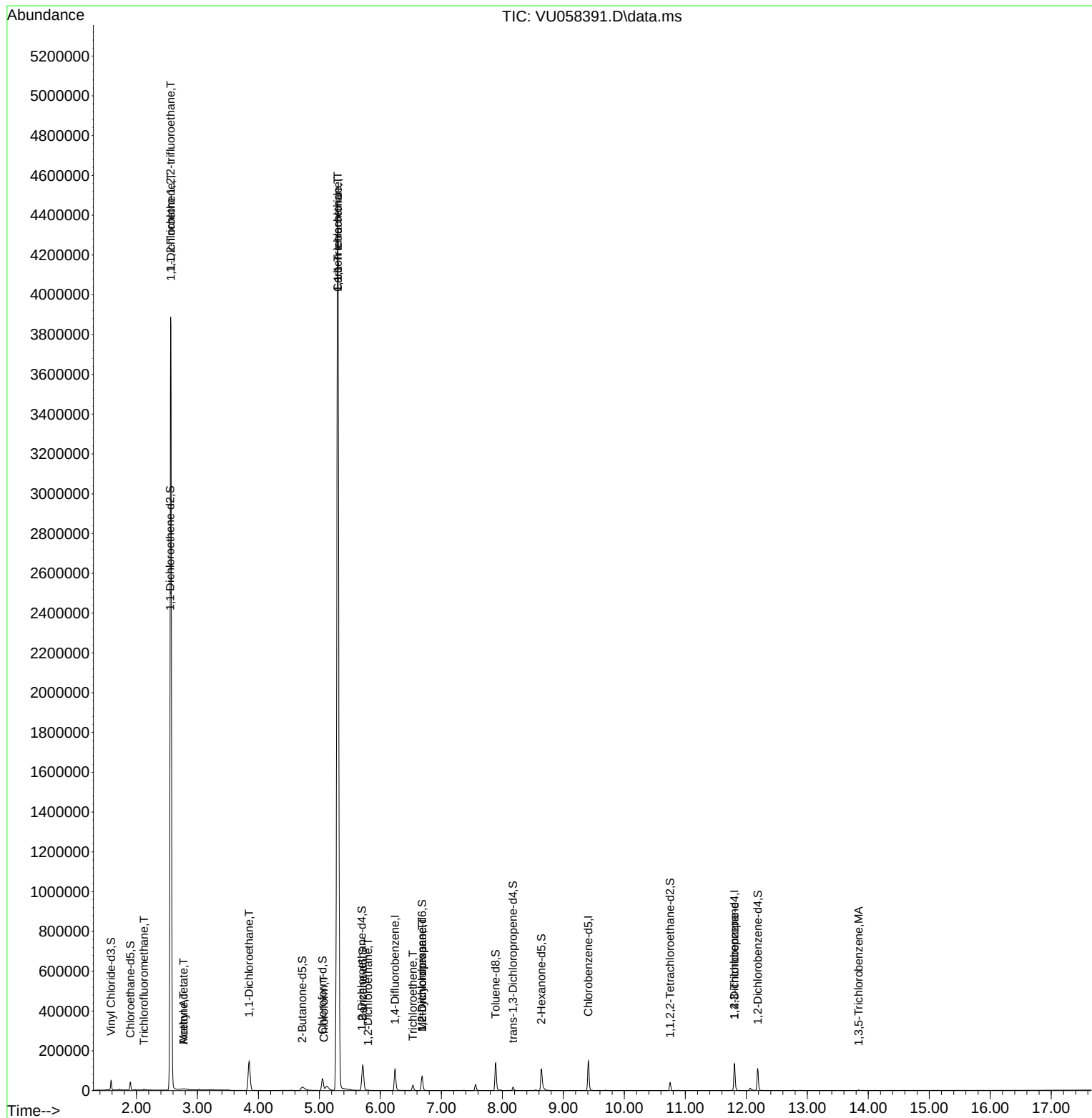
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	83178	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	77907	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	34396	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.583	65	30452	5.530	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.600%
7) Chloroethane-d5	1.898	69	25945	5.421	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.400%
11) 1,1-Dichloroethene-d2	2.551	65	15158	6.081	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	121.600%
20) 2-Butanone-d5	4.718	46	50052	43.129	ug/L	0.09
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.260%
24) Chloroform-d	5.049	84	53916	4.904	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.695	65	25620	4.994	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.711	84	108992	5.196	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
36) 1,2-Dichloropropane-d6	6.682	67	33705	5.124	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.888	98	91234	4.905	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
43) trans-1,3-Dichloroprop...	8.174	79	9543	4.674	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.637	63	36798	43.695	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.400%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	20556	4.427	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	28168	4.862	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.123	101	2748	0.246	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.560	101	2844	0.428	ug/L #	33
12) 1,1-Dichloroethene	2.563	96	1128314	191.408	ug/L #	76
13) Acetone	2.772	43	5568	5.621	ug/L	84
15) Methyl Acetate	2.772	43	5568	2.382	ug/L #	55
19) 1,1-Dichloroethane	3.846	63	169658	12.581	ug/L	97
25) Chloroform	5.075	83	2816	0.216	ug/L	94
27) 1,2-Dichloroethane	5.795	62	1530	0.193	ug/L #	76
29) 1,1,1-Trichloroethane	5.300	97	3113213	298.050	ug/L	99
31) Carbon tetrachloride	5.300	117	387912	43.852	ug/L	100
34) Trichloroethene	6.531	95	9086	1.276	ug/L	96
35) Methylcyclohexane	6.682	83	7549	0.704	ug/L #	22
37) 1,2-Dichloropropane	6.682	63	3684	0.496	ug/L #	90
61) 1,2,3-Trichloropropane	11.804	75	4785	1.363	ug/L #	70
69) 1,3,5-Trichlorobenzene	13.840	180	1177	0.130	ug/L #	95

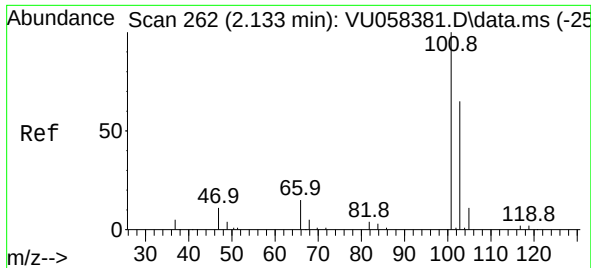
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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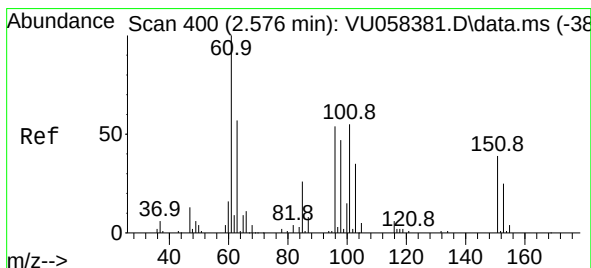
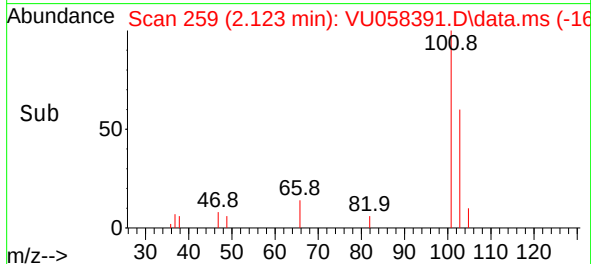
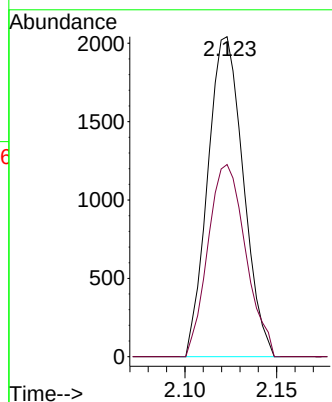
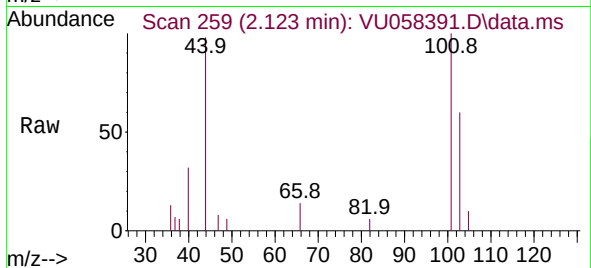




#9
Trichlorofluoromethane
Concen: 0.246 ug/L
RT: 2.123 min Scan# 21
Delta R.T. -0.010 min
Lab File: VU058391.D
Acq: 05 Apr 2024 01:31

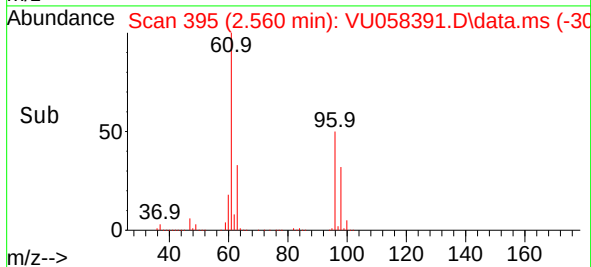
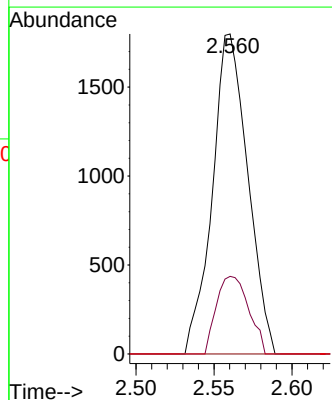
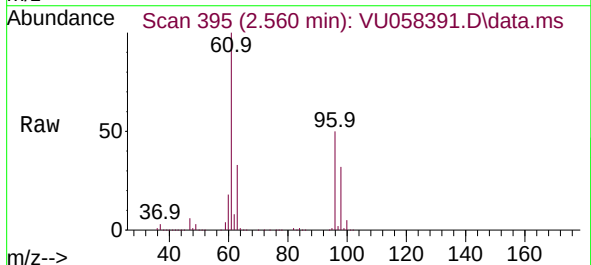
Instrument :
MSVOA_U
ClientSampleId :

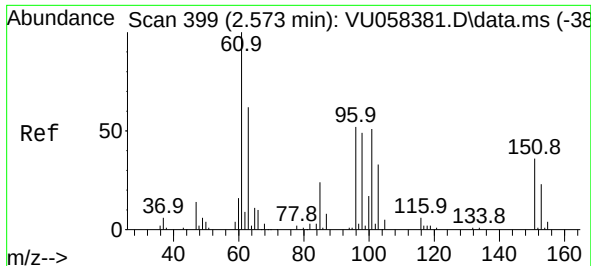
Tgt Ion:101 Resp: 2748
Ion Ratio Lower Upper
101 100
103 63.8 51.2 76.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.428 ug/L
RT: 2.560 min Scan# 395
Delta R.T. -0.016 min
Lab File: VU058391.D
Acq: 05 Apr 2024 01:31

Tgt Ion:101 Resp: 2844
Ion Ratio Lower Upper
101 100
85 22.0 36.8 55.2#
151 0.0 58.2 87.4#





#12

1,1-Dichloroethene

Concen: 191.408 ug/L

RT: 2.563 min Scan# 3

Delta R.T. -0.010 min

Lab File: VU058391.D

Acq: 05 Apr 2024 01:31

Instrument :

MSVOA_U

ClientSampleId :

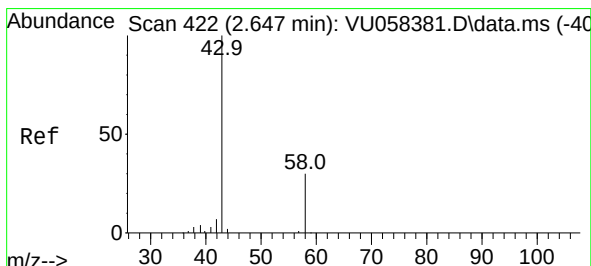
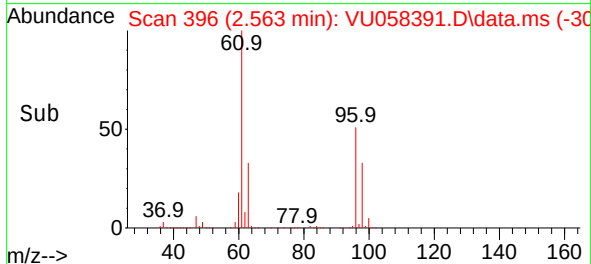
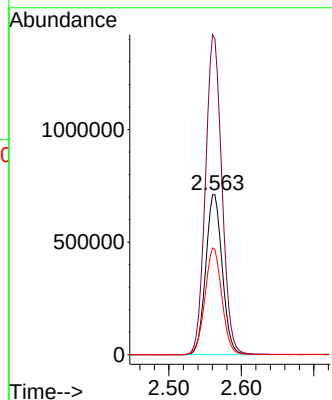
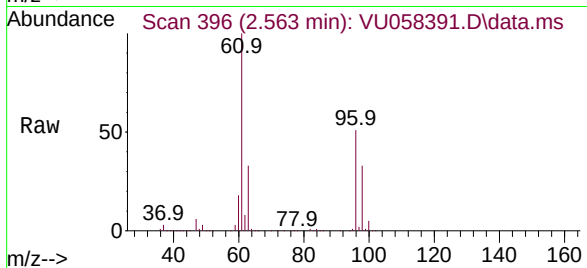
Tgt Ion: 96 Resp: 1128314

Ion Ratio Lower Upper

96 100

61 197.5 132.5 246.1

63 65.6 87.7 162.9#



#13

Acetone

Concen: 5.621 ug/L

RT: 2.772 min Scan# 461

Delta R.T. 0.125 min

Lab File: VU058391.D

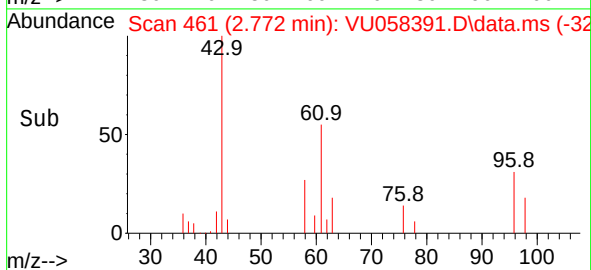
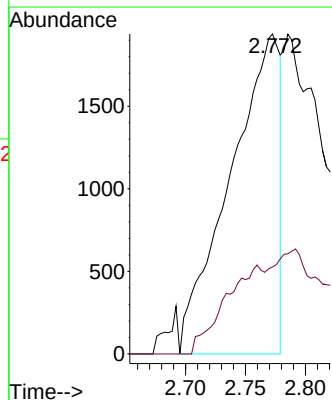
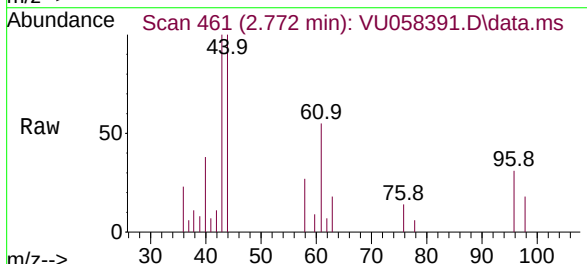
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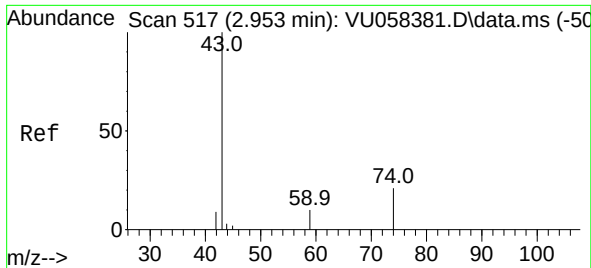
Tgt Ion: 43 Resp: 5568

Ion Ratio Lower Upper

43 100

58 22.1 0.0 61.4

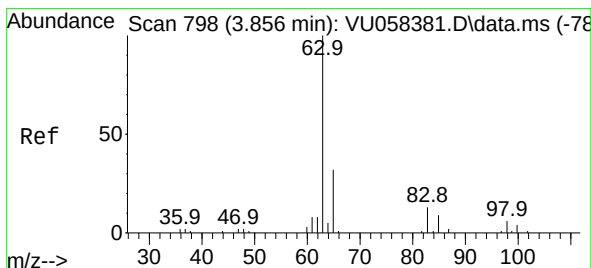
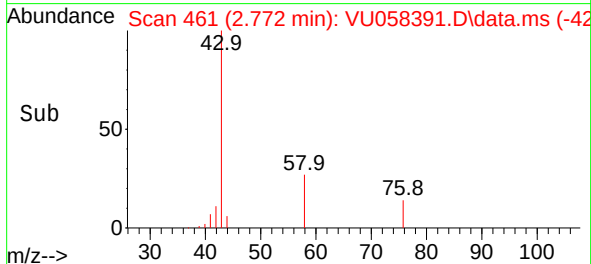
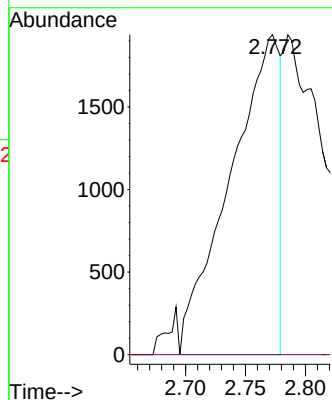
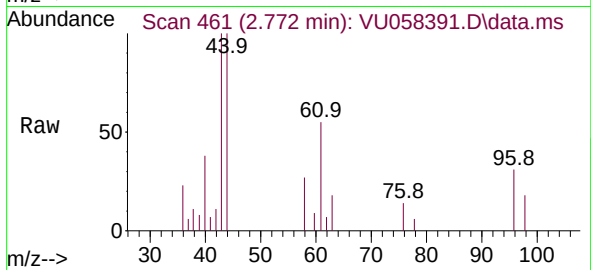




#15
Methyl Acetate
Concen: 2.382 ug/L
RT: 2.772 min Scan# 415
Delta R.T. -0.180 min
Lab File: VU058391.D
Acq: 05 Apr 2024 01:31

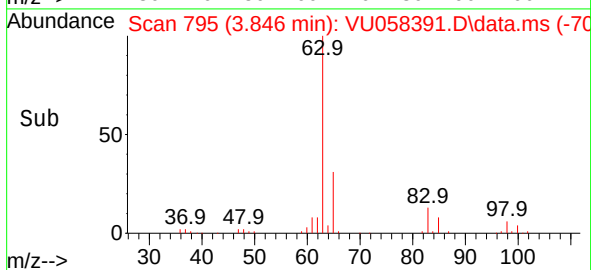
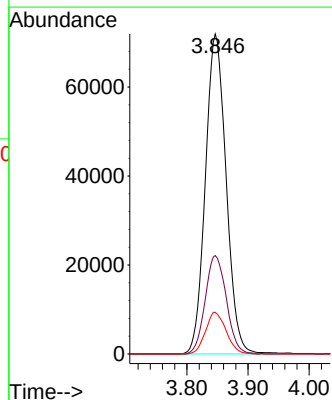
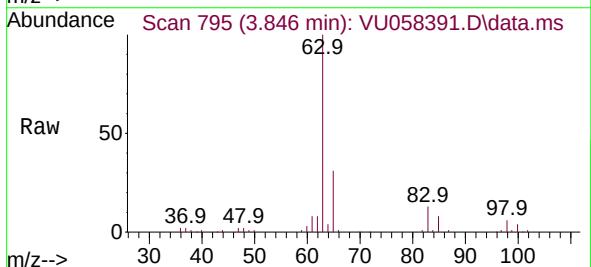
Instrument :
MSVOA_U
ClientSampleId :

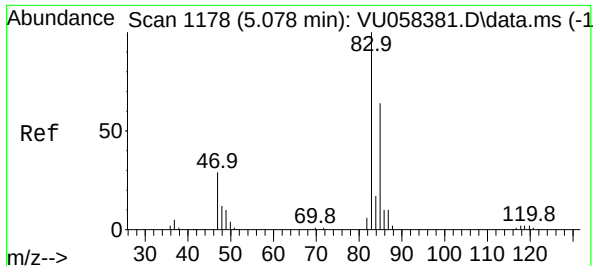
Tgt Ion: 43 Resp: 5568
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#19
1,1-Dichloroethane
Concen: 12.581 ug/L
RT: 3.846 min Scan# 795
Delta R.T. -0.010 min
Lab File: VU058391.D
Acq: 05 Apr 2024 01:31

Tgt Ion: 63 Resp: 169658
Ion Ratio Lower Upper
63 100
65 30.8 22.9 42.5
83 13.0 9.6 17.8

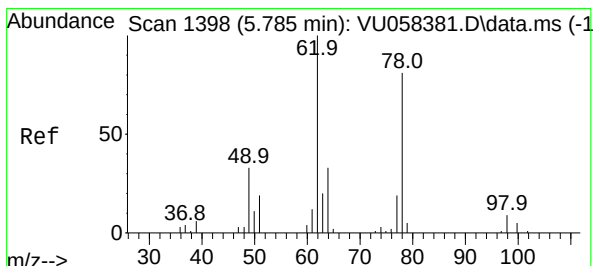
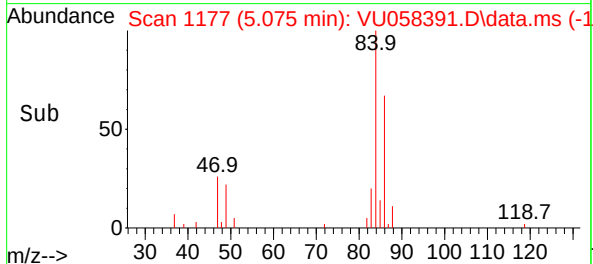
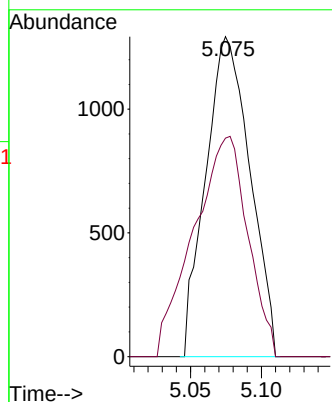
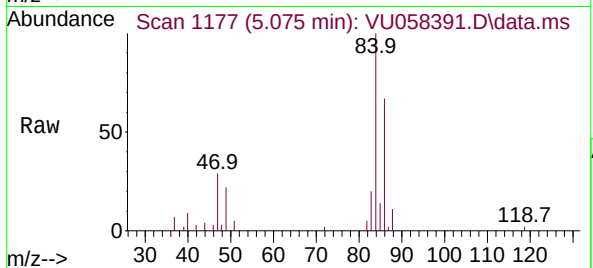




#25
Chloroform
Concen: 0.216 ug/L
RT: 5.075 min Scan# 1400
Delta R.T. -0.003 min
Lab File: VU058391.D
Acq: 05 Apr 2024 01:31

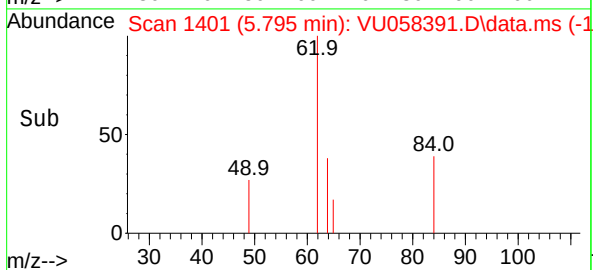
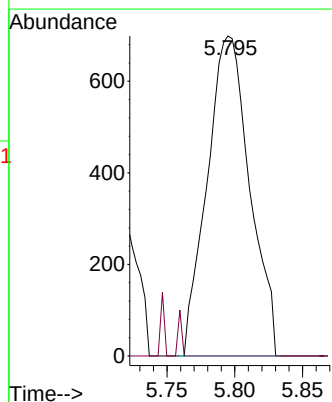
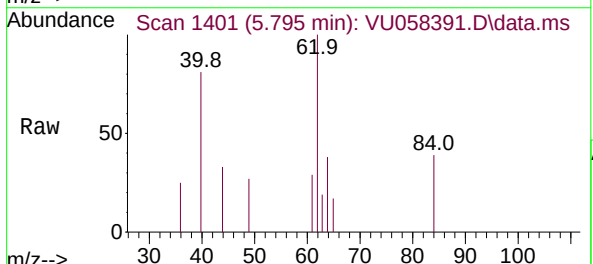
Instrument :
MSVOA_U
ClientSampleId :

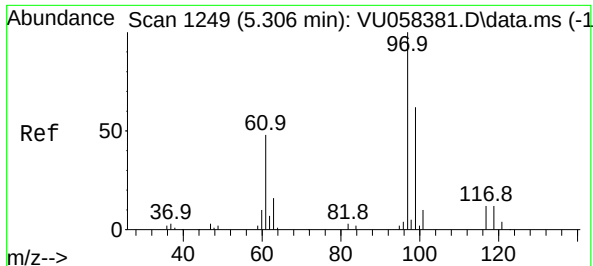
Tgt Ion: 83 Resp: 2816
Ion Ratio Lower Upper
83 100
85 68.3 44.7 83.1



#27
1,2-Dichloroethane
Concen: 0.193 ug/L
RT: 5.795 min Scan# 1401
Delta R.T. 0.010 min
Lab File: VU058391.D
Acq: 05 Apr 2024 01:31

Tgt Ion: 62 Resp: 1530
Ion Ratio Lower Upper
62 100
98 0.0 7.0 10.4#

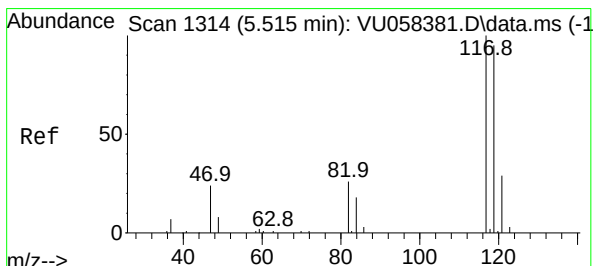
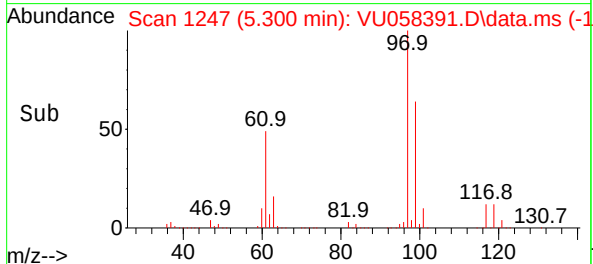
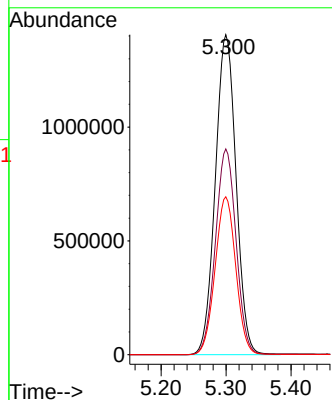
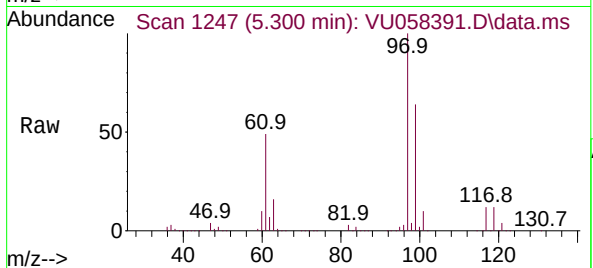




#29
1,1,1-Trichloroethane
Concen: 298.050 ug/L
RT: 5.300 min Scan# 1249
Delta R.T. -0.006 min
Lab File: VU058391.D
Acq: 05 Apr 2024 01:31

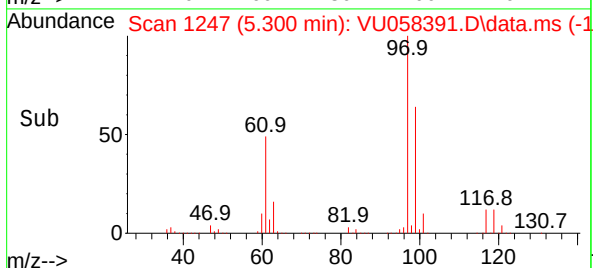
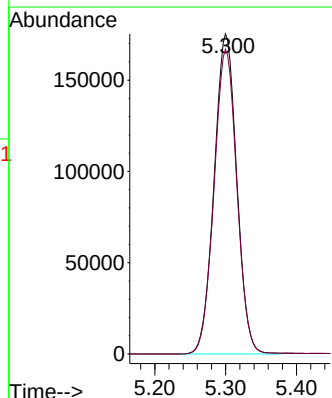
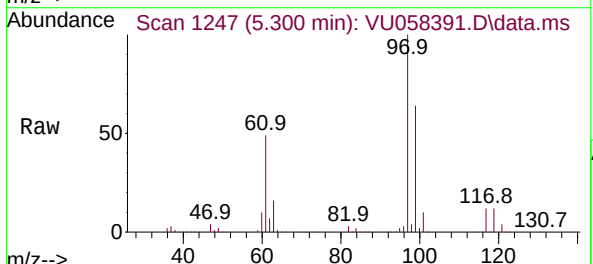
Instrument :
MSVOA_U
ClientSampleId :

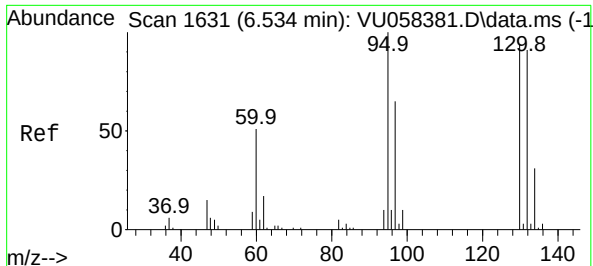
Tgt Ion: 97 Resp: 3113213
Ion Ratio Lower Upper
97 100
99 64.2 50.4 75.6
61 49.3 39.4 59.0



#31
Carbon tetrachloride
Concen: 43.852 ug/L
RT: 5.300 min Scan# 1247
Delta R.T. -0.215 min
Lab File: VU058391.D
Acq: 05 Apr 2024 01:31

Tgt Ion: 117 Resp: 387912
Ion Ratio Lower Upper
117 100
119 96.0 76.7 115.1





#34

Trichloroethene

Concen: 1.276 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.003 min

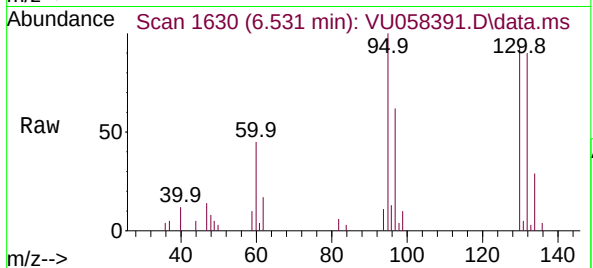
Lab File: VU058391.D

Acq: 05 Apr 2024 01:31

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 9086

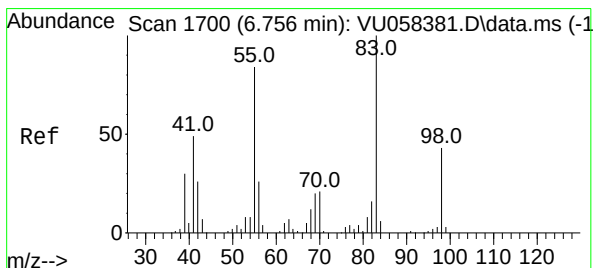
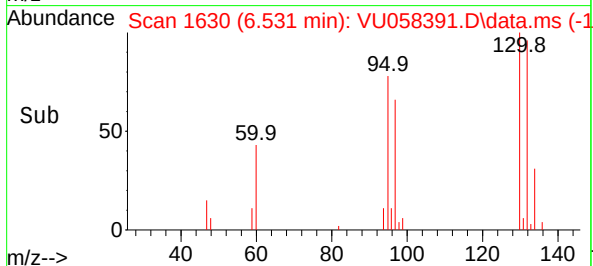
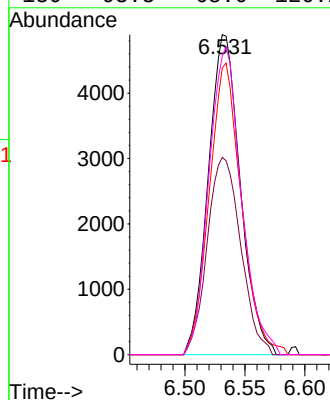
Ion Ratio Lower Upper

95 100

97 61.6 45.6 84.6

132 89.6 64.8 120.3

130 93.3 68.0 126.2



#35

Methylcyclohexane

Concen: 0.704 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058391.D

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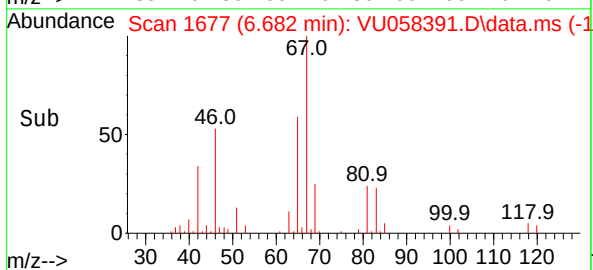
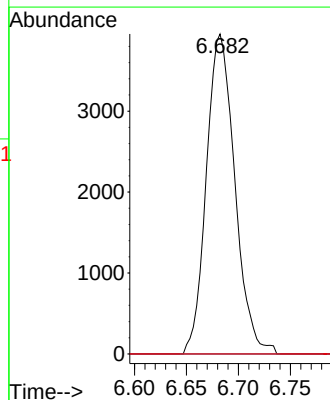
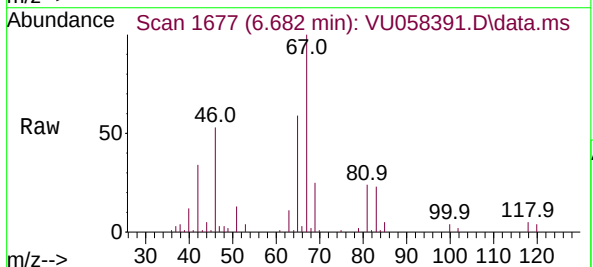
Tgt Ion: 83 Resp: 7549

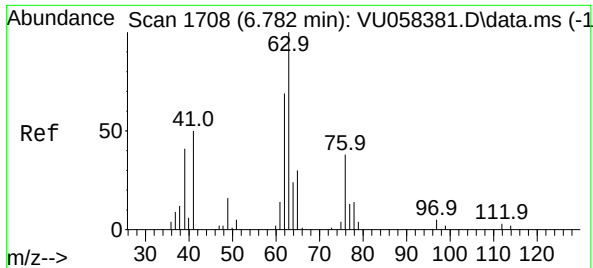
Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 11.4 34.6 52.0#

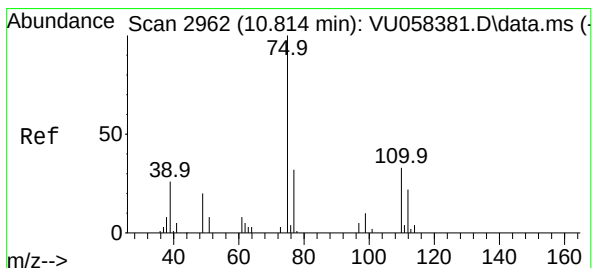
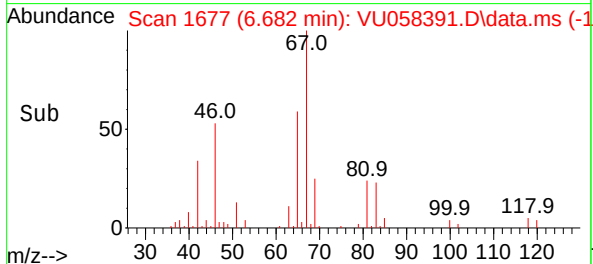
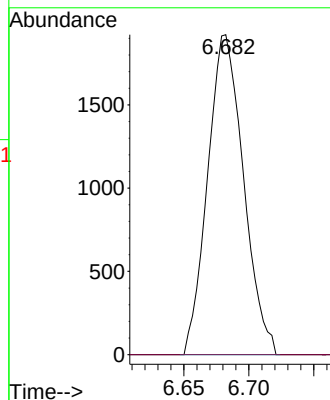
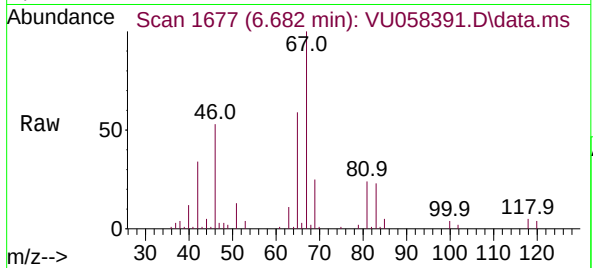




#37
1,2-Dichloropropane
Concen: 0.496 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058391.D
Acq: 05 Apr 2024 01:31

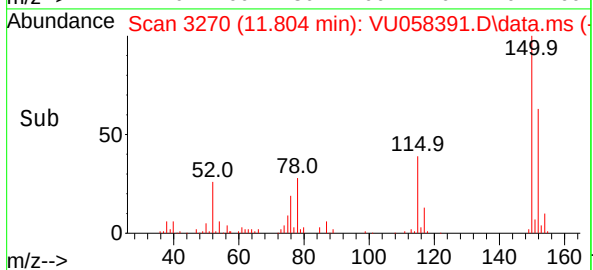
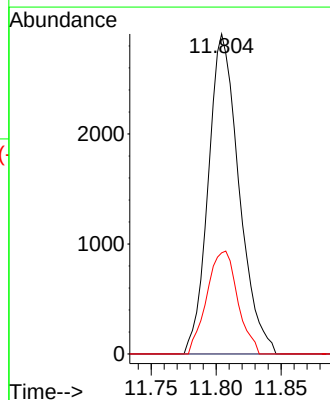
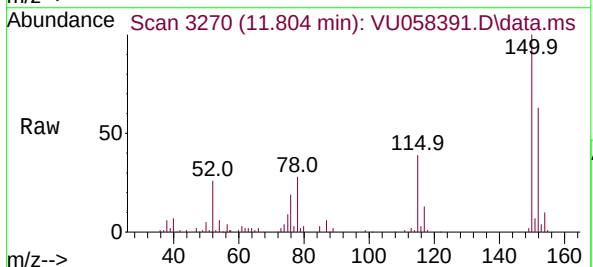
Instrument :
MSVOA_U
ClientSampleId :

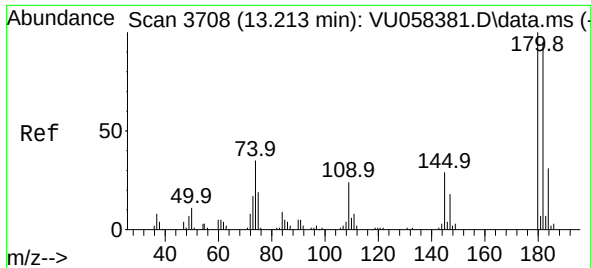
Tgt Ion: 63 Resp: 3684
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.363 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.990 min
Lab File: VU058391.D
Acq: 05 Apr 2024 01:31

Tgt Ion: 75 Resp: 4785
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 32.2 25.1 37.7





#69

1,3,5-Trichlorobenzene

Concen: 0.130 ug/L

RT: 13.840 min Scan# 3903

Delta R.T. 0.627 min

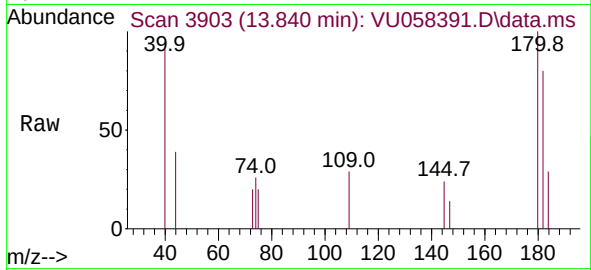
Lab File: VU058391.D

Acq: 05 Apr 2024 01:31

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 1177

Ion Ratio Lower Upper

180 100

182 92.9 75.7 113.5

184 24.1 24.3 36.5#

145 25.9 24.0 36.0

