

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032824\
 Data File : VU058252.D
 Acq On : 28 Mar 2024 20:13
 Operator : MD/SY
 Sample : P1902-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 29 01:14:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 29 01:09:13 2024
 Response via : Initial Calibration

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

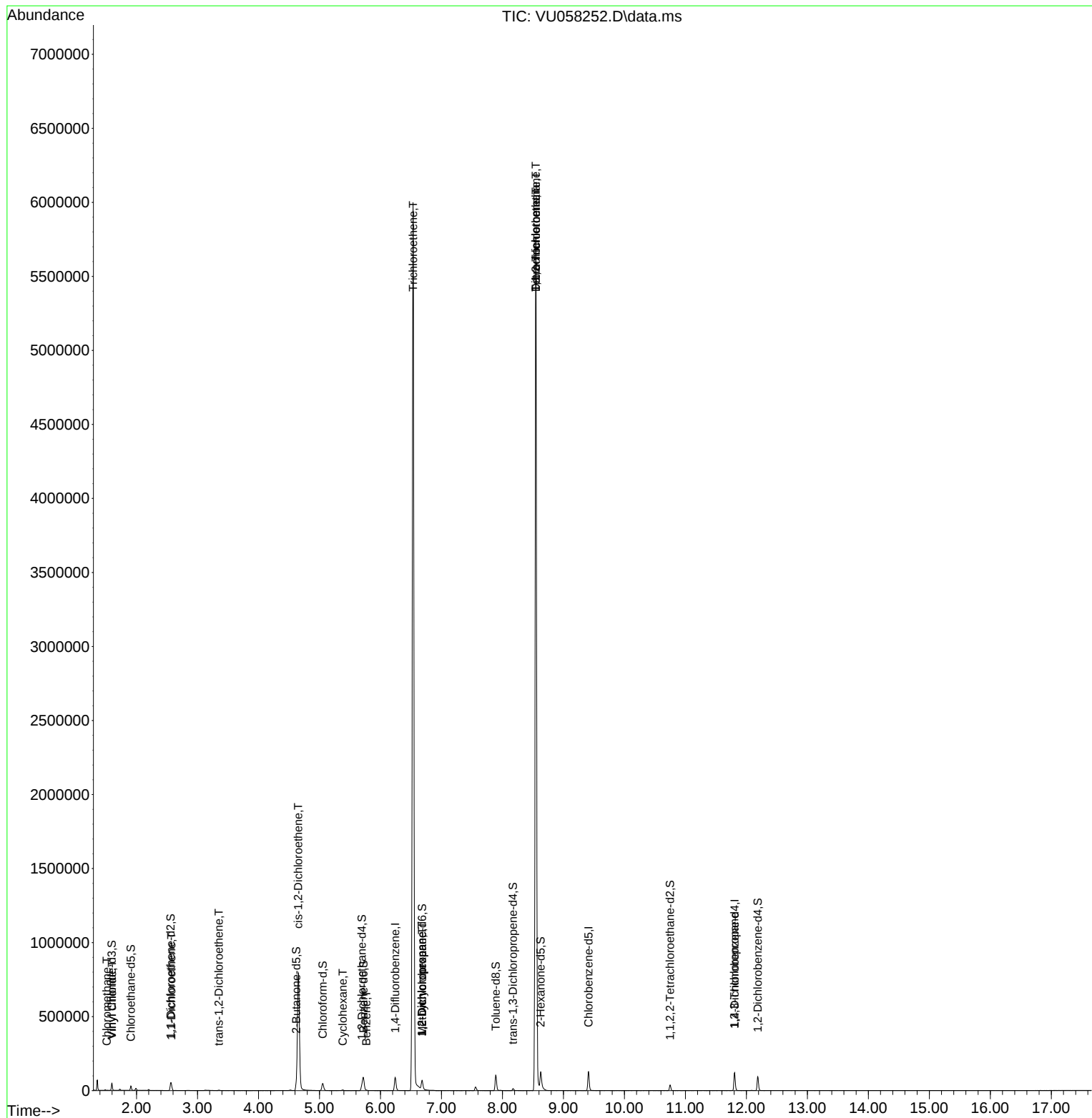
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	72317	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	71019	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31702	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	19101	3.126	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.600%
7) Chloroethane-d5	1.907	69	20090	4.027	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.560	65	8586	3.384	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.600%
20) 2-Butanone-d5	4.621	46	52403	48.267	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.540%
24) Chloroform-d	5.052	84	44700	4.091	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
26) 1,2-Dichloroethane-d4	5.695	65	22809	4.465	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.721	84	85108	3.690	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.800%
36) 1,2-Dichloropropane-d6	6.682	67	28256	4.156	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.200%
41) Toluene-d8	7.891	98	69777	3.415	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.200%#
43) trans-1,3-Dichloroprop...	8.174	79	8083	3.711	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.200%
46) 2-Hexanone-d5	8.627	63	42147	47.777	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.560%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19462	4.394	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	24982	4.232	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.600%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	539	0.142	ug/L	97
5) Vinyl chloride	1.599	62	10747	2.592	ug/L	98
12) 1,1-Dichloroethene	2.573	96	6393	1.763	ug/L #	53
18) trans-1,2-Dichloroethene	3.351	96	1422	0.375	ug/L	93
22) cis-1,2-Dichloroethene	4.653	96	408035	87.151	ug/L	97
30) Cyclohexane	5.383	56	2368	0.369	ug/L #	90
33) Benzene	5.769	78	2577	0.138	ug/L	100
34) Trichloroethene	6.534	95	2034116	418.580	ug/L	97
35) Methylcyclohexane	6.682	83	6637	0.979	ug/L #	18
37) 1,2-Dichloropropane	6.679	63	3026	0.581	ug/L #	90
45) 1,1,2-Trichloroethane	8.547	97	11541	3.516	ug/L #	1
47) Tetrachloroethene	8.550	164	1156107	355.185	ug/L	98
49) Dibromochloromethane	8.547	129	1215542	338.468	ug/L #	10
61) 1,2,3-Trichloropropane	11.804	75	4102	1.545	ug/L #	67

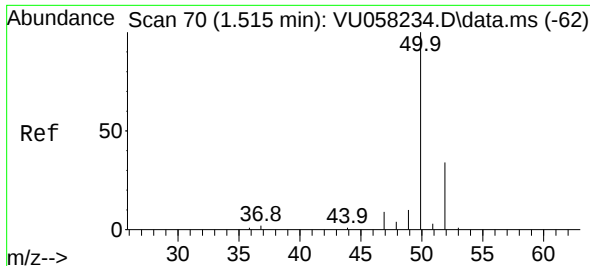
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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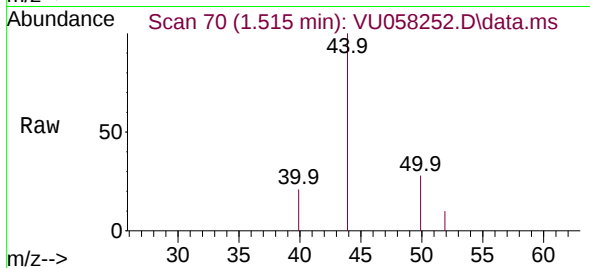
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 29 01:09:13 2024
Response via : Initial Calibration



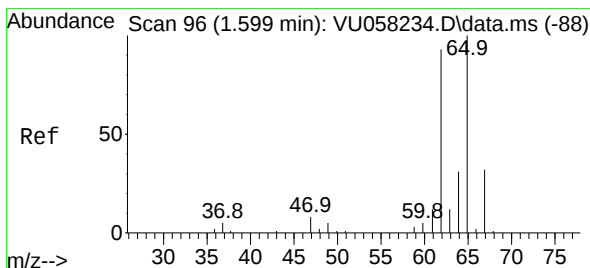
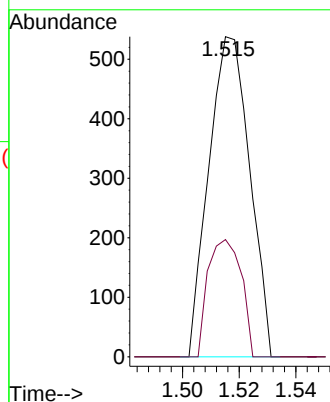
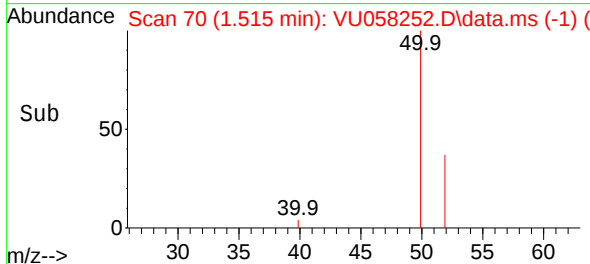


#3
Chloromethane
Concen: 0.142 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU058252.D
Acq: 28 Mar 2024 20:13

Instrument :
MSVOA_U
ClientSampleId :

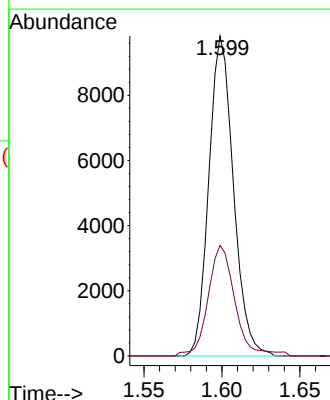
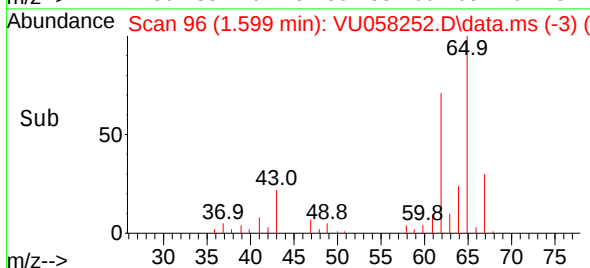
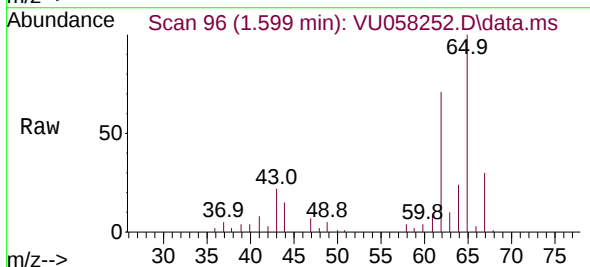


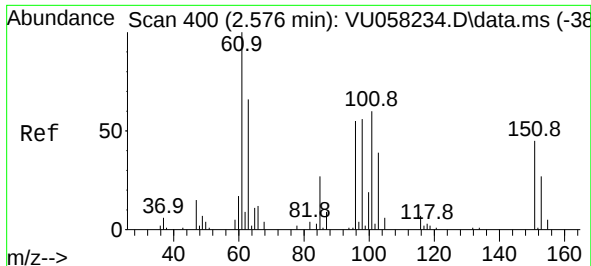
Tgt Ion: 50 Resp: 539
Ion Ratio Lower Upper
50 100
52 36.6 24.2 45.0



#5
Vinyl chloride
Concen: 2.592 ug/L
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU058252.D
Acq: 28 Mar 2024 20:13

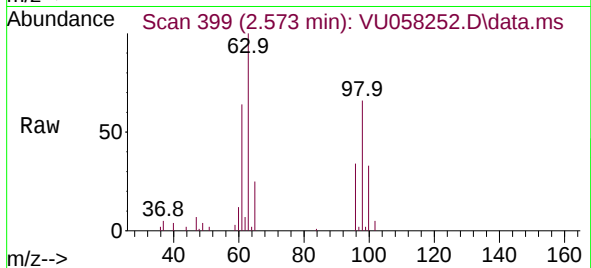
Tgt Ion: 62 Resp: 10747
Ion Ratio Lower Upper
62 100
64 34.6 23.4 43.6



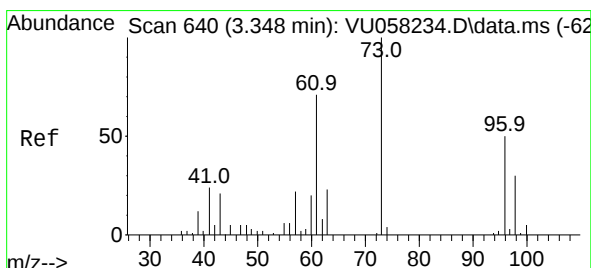
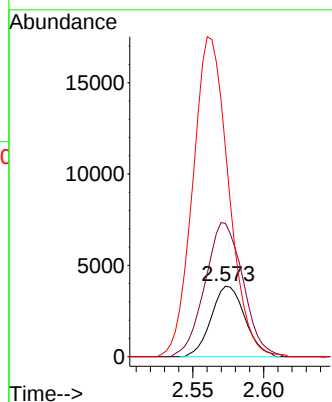
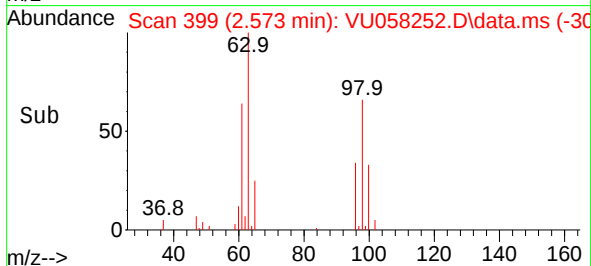


#12
1,1-Dichloroethene
Concen: 1.763 ug/L
RT: 2.573 min Scan# 30
Delta R.T. -0.003 min
Lab File: VU058252.D
Acq: 28 Mar 2024 20:13

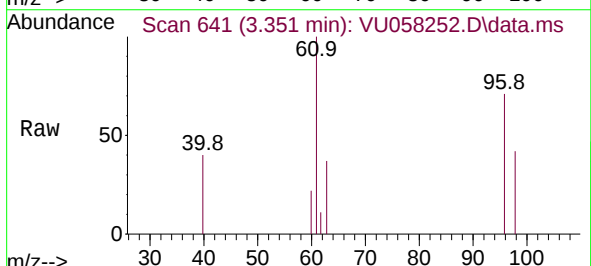
Instrument :
MSVOA_U
ClientSampleId :



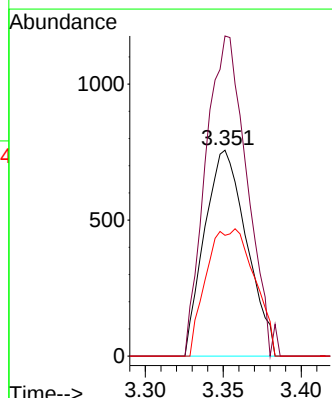
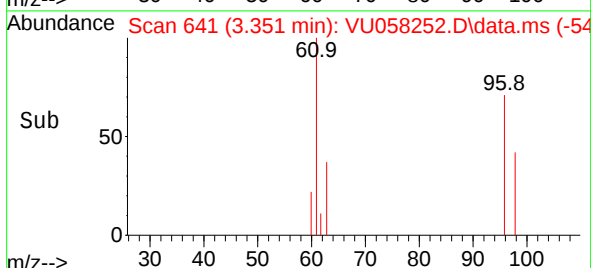
Tgt Ion: 96 Resp: 6393
Ion Ratio Lower Upper
96 100
61 189.2 128.1 237.9
63 295.4 116.8 217.0#

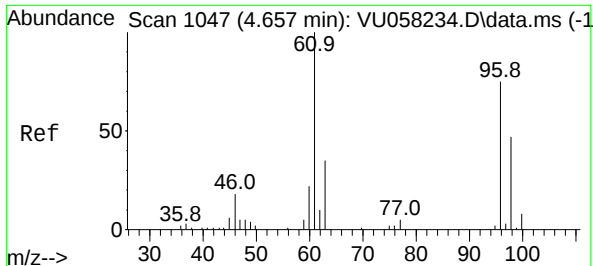


#18
trans-1,2-Dichloroethene
Concen: 0.375 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU058252.D
Acq: 28 Mar 2024 20:13



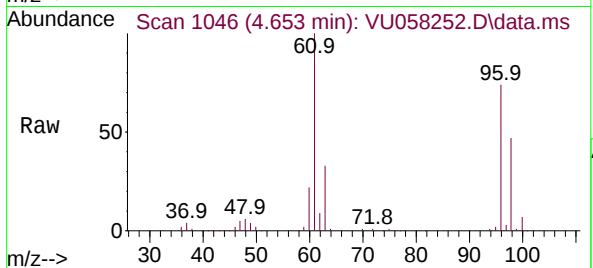
Tgt Ion: 96 Resp: 1422
Ion Ratio Lower Upper
96 100
61 155.5 102.5 190.3
98 58.7 44.0 81.8



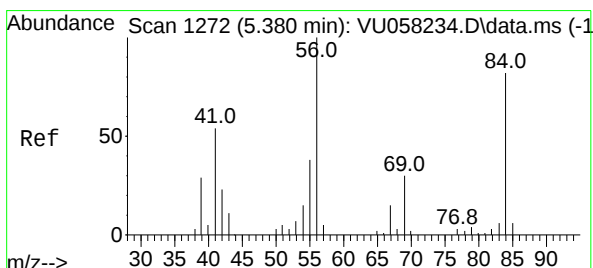
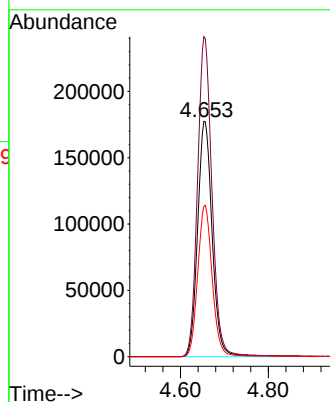
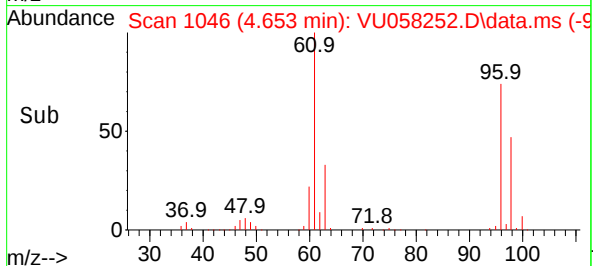


#22
cis-1,2-Dichloroethene
Concen: 87.151 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU058252.D
Acq: 28 Mar 2024 20:13

Instrument :
MSVOA_U
ClientSampleId :

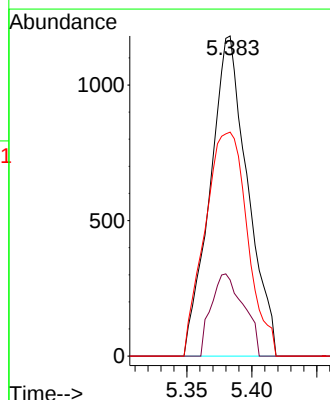
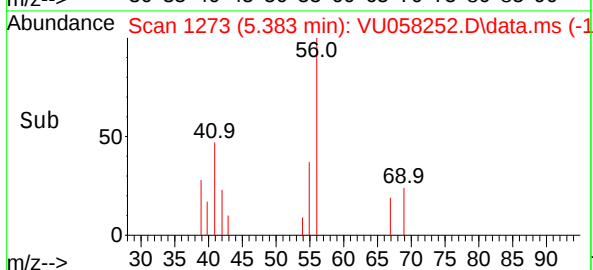
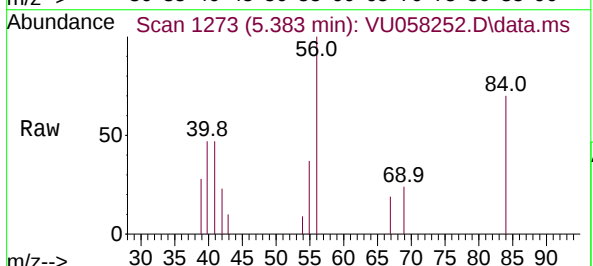


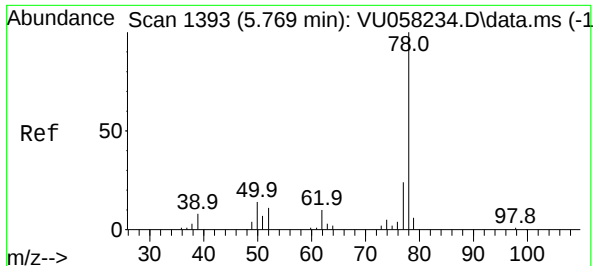
Tgt Ion: 96 Resp: 408035
Ion Ratio Lower Upper
96 100
61 136.0 92.8 172.4
98 63.9 43.2 80.2



#30
Cyclohexane
Concen: 0.369 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU058252.D
Acq: 28 Mar 2024 20:13

Tgt Ion: 56 Resp: 2368
Ion Ratio Lower Upper
56 100
69 22.2 24.2 36.2#
84 79.3 69.7 104.5

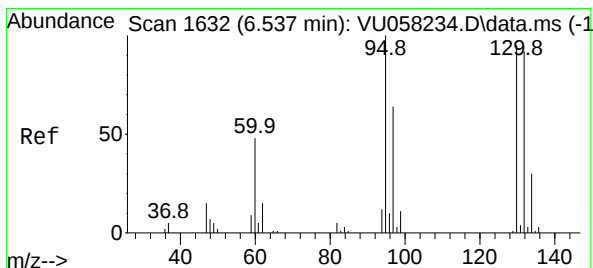
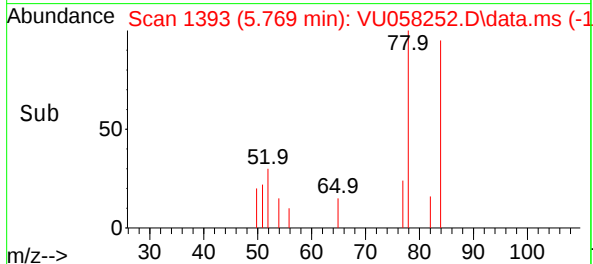
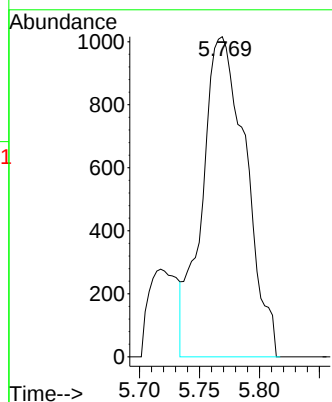
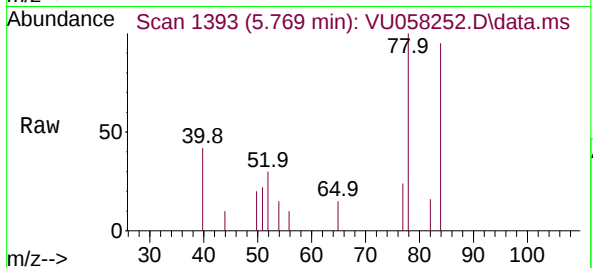




#33
Benzene
Concen: 0.138 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU058252.D
Acq: 28 Mar 2024 20:13

Instrument :
MSVOA_U
ClientSampleId :

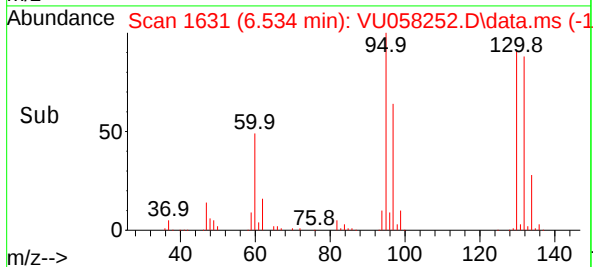
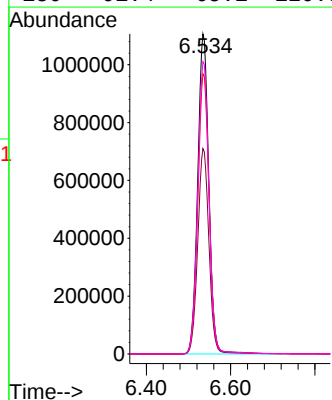
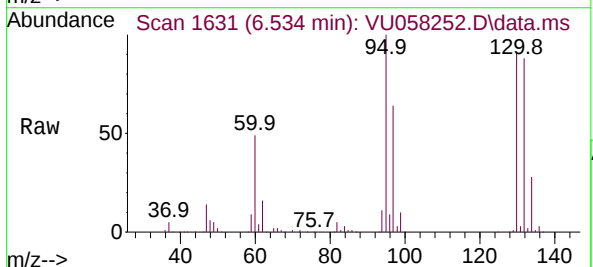
Tgt Ion: 78 Resp: 2577

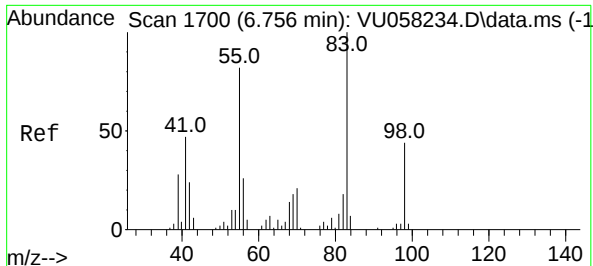


#34
Trichloroethene
Concen: 418.580 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU058252.D
Acq: 28 Mar 2024 20:13

Tgt Ion: 95 Resp: 2034116

Ion	Ratio	Lower	Upper
95	100		
97	64.2	47.7	88.7
132	87.5	63.6	118.2
130	91.4	65.1	120.9





#35

Methylcyclohexane

Concen: 0.979 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058252.D

Acq: 28 Mar 2024 20:13

Instrument :

MSVOA_U

ClientSampleId :

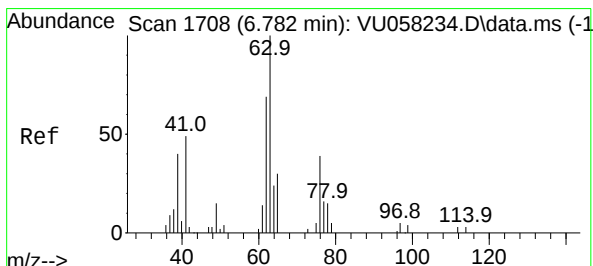
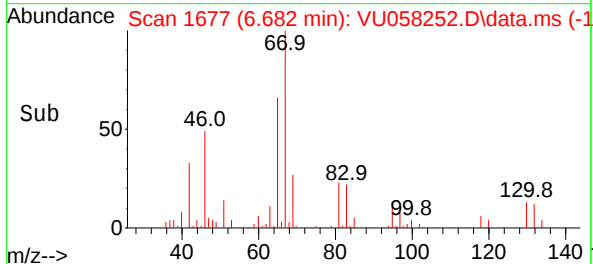
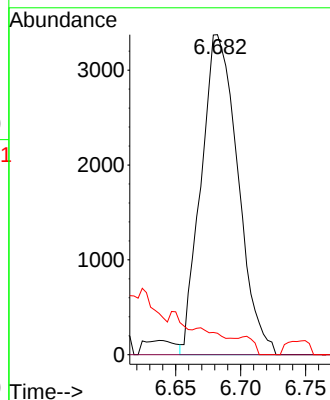
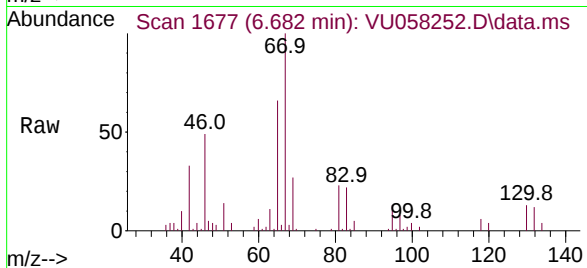
Tgt Ion: 83 Resp: 6637

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.0 37.3 55.9#



#37

1,2-Dichloropropane

Concen: 0.581 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.103 min

Lab File: VU058252.D

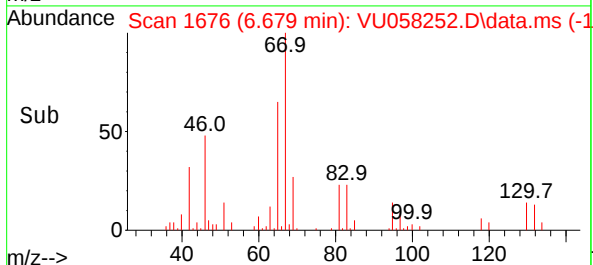
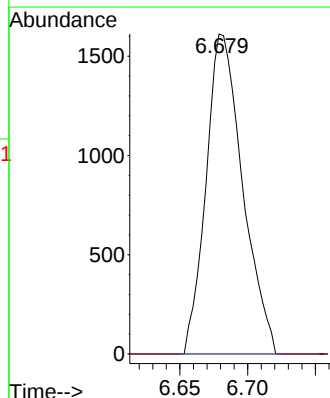
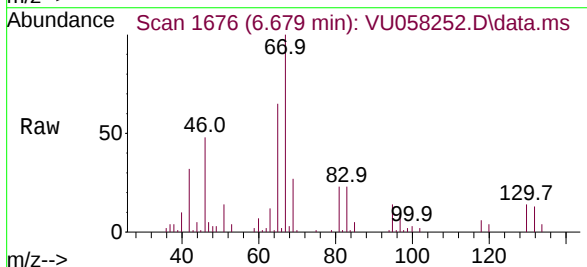
Acq: 28 Mar 2024 20:13

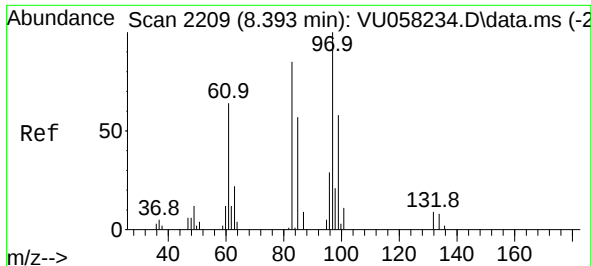
Tgt Ion: 63 Resp: 3026

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#





#45

1,1,2-Trichloroethane

Concen: 3.516 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.154 min

Lab File: VU058252.D

Acq: 28 Mar 2024 20:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 11541

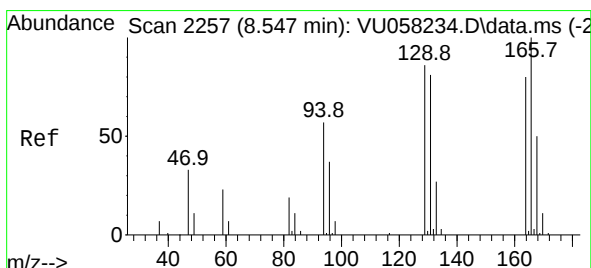
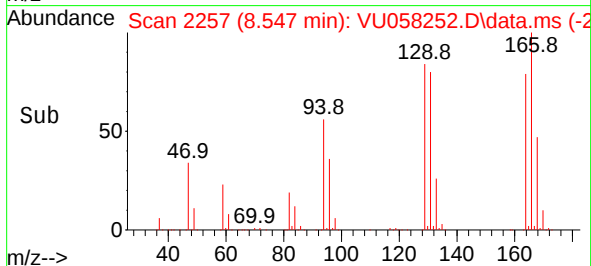
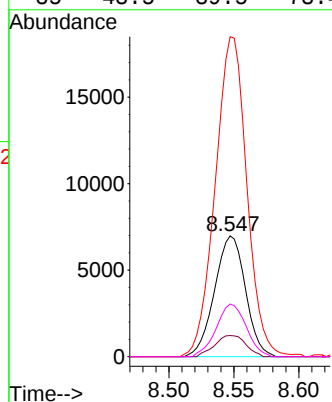
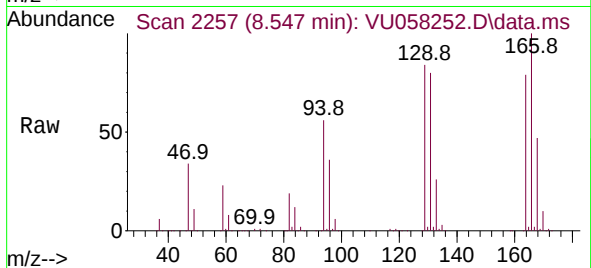
Ion Ratio Lower Upper

97 100

99 17.5 44.5 82.7#

83 264.8 64.1 119.1#

85 43.5 39.5 73.4



#47

Tetrachloroethene

Concen: 355.185 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU058252.D

Acq: 28 Mar 2024 20:13

Tgt Ion:164 Resp: 1156107

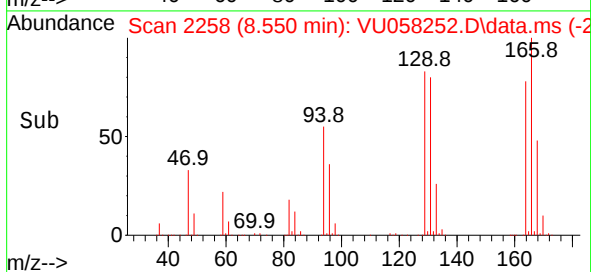
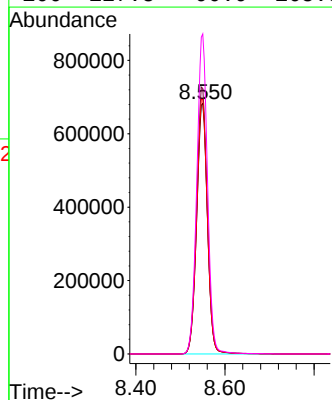
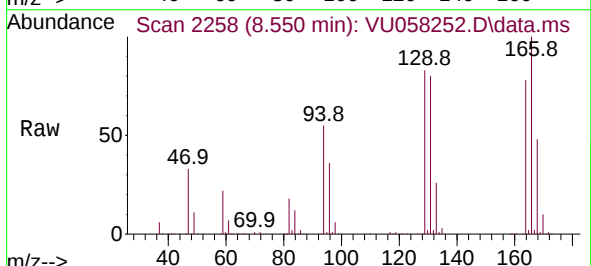
Ion Ratio Lower Upper

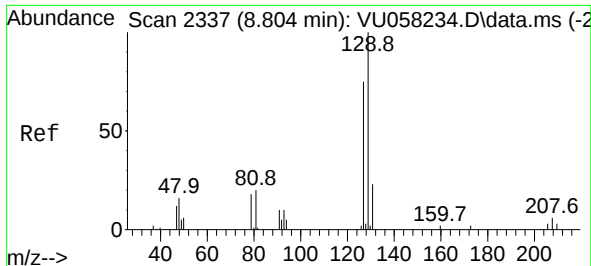
164 100

129 106.1 71.3 132.3

131 101.7 70.8 131.4

166 127.8 90.9 168.9





#49

Dibromochloromethane

Concen: 338.468 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min MSVOA_U

Lab File: VU058252.D

Acq: 28 Mar 2024 20:13

Instrument :

MSVOA_U

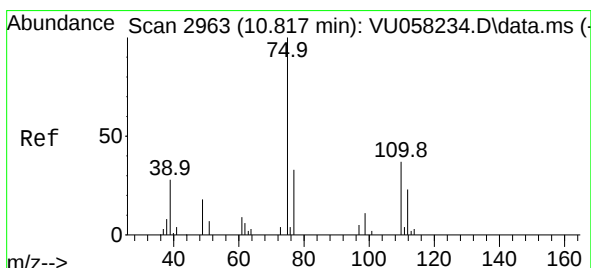
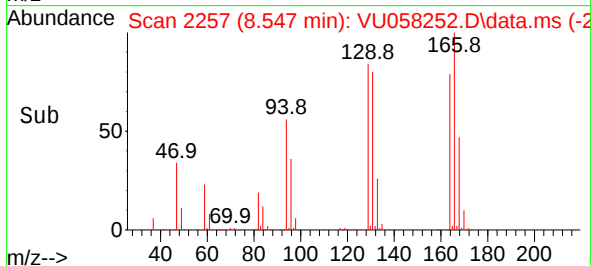
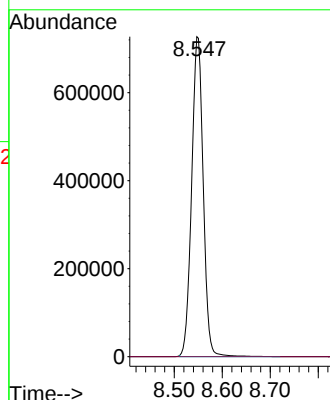
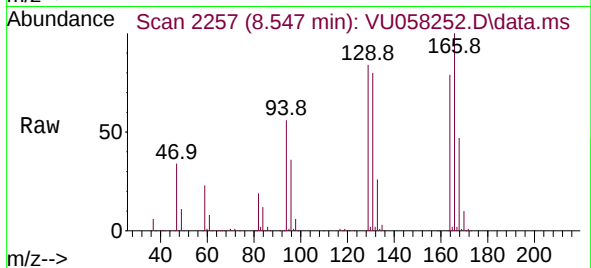
ClientSampleId :

Tgt Ion:129 Resp: 1215542

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.545 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.987 min

Lab File: VU058252.D

Acq: 28 Mar 2024 20:13

Tgt Ion: 75 Resp: 4102

Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 30.5 25.1 37.7

