

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041024\
 Data File : VU058582.D
 Acq On : 11 Apr 2024 02:13
 Operator : MD/SY
 Sample : P2014-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 11 03:01:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 11 02:34:51 2024
 Response via : Initial Calibration

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

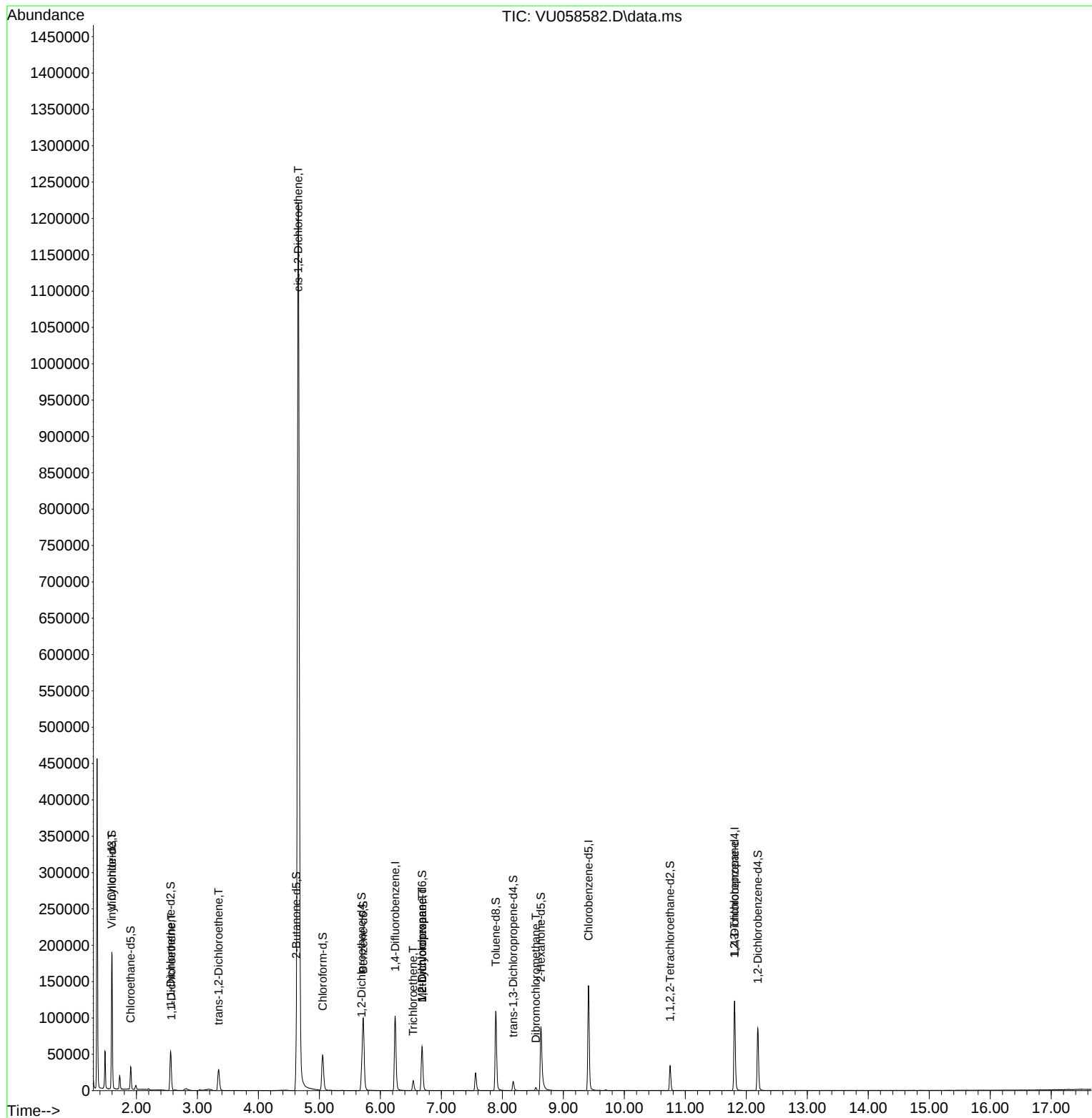
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	78747	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	76857	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	32587	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22168	4.252	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	85.000%		
7) Chloroethane-d5	1.904	69	20841	4.600	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	92.000%		
11) 1,1-Dichloroethene-d2	2.560	65	10501	4.450	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	89.000%		
20) 2-Butanone-d5	4.621	46	46874	42.663	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	85.320%		
24) Chloroform-d	5.052	84	45450	4.367	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	87.400%		
26) 1,2-Dichloroethane-d4	5.692	65	22535	4.640	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	92.800%		
32) Benzene-d6	5.718	84	90018	4.350	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	87.000%		
36) 1,2-Dichloropropane-d6	6.682	67	29226	4.504	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	90.000%		
41) Toluene-d8	7.891	98	72957	3.976	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	79.600%		
43) trans-1,3-Dichloroprop...	8.177	79	7880	3.912	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	78.200%		
46) 2-Hexanone-d5	8.631	63	31243	37.606	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	75.220%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	17510	3.822	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	76.400%		
66) 1,2-Dichlorobenzene-d4	12.187	152	22369	4.076	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	81.600%		
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	90115	11.233	ug/L	100
12) 1,1-Dichloroethene	2.570	96	1499	0.269	ug/L #	1
18) trans-1,2-Dichloroethene	3.345	96	12032	2.057	ug/L	95
22) cis-1,2-Dichloroethene	4.653	96	593784	90.400	ug/L	95
34) Trichloroethene	6.537	95	4867	0.693	ug/L	90
35) Methylcyclohexane	6.682	83	6262	0.592	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	3256	0.444	ug/L #	90
49) Dibromochloromethane	8.547	129	773	0.156	ug/L #	11
61) 1,2,3-Trichloropropane	11.804	75	4777	1.437	ug/L #	69

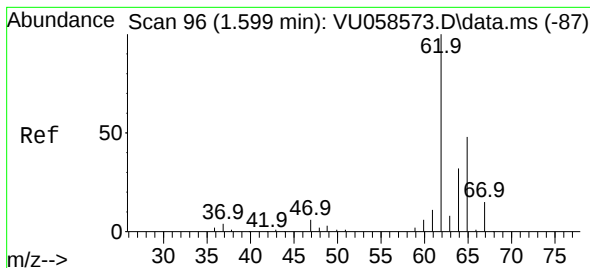
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Apr 11 02:34:51 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 11.233 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU058582.D

Acq: 11 Apr 2024 02:13

Instrument :

MSVOA_U

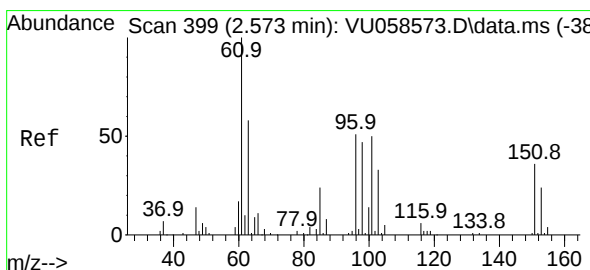
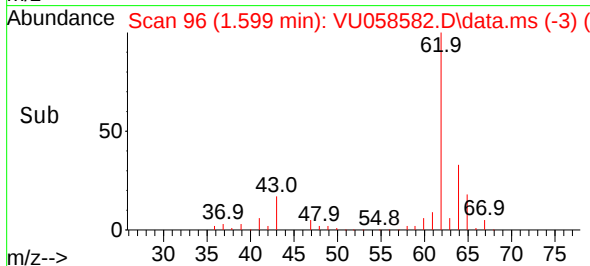
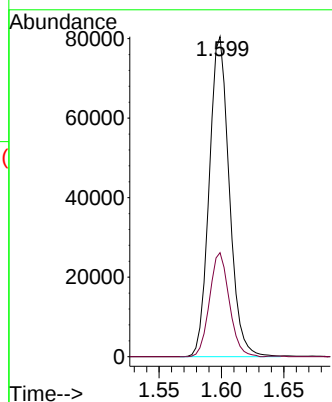
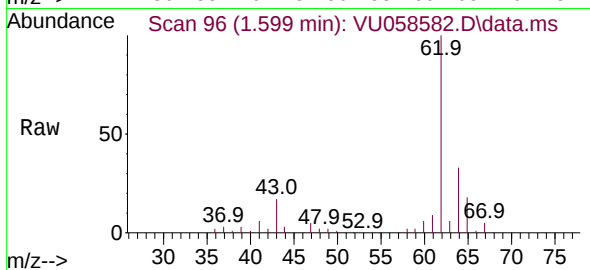
ClientSampleId :

Tgt Ion: 62 Resp: 90115

Ion Ratio Lower Upper

62 100

64 32.5 22.6 42.0



#12

1,1-Dichloroethene

Concen: 0.269 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.003 min

Lab File: VU058582.D

Acq: 11 Apr 2024 02:13

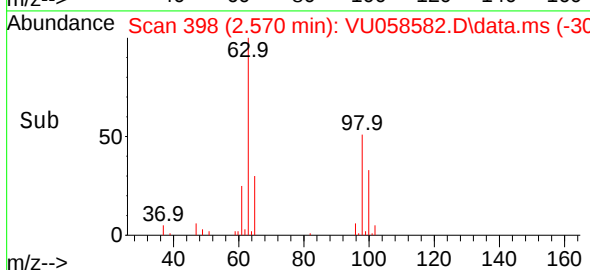
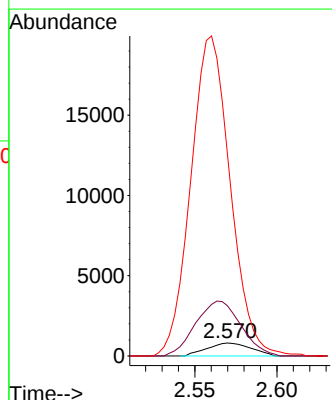
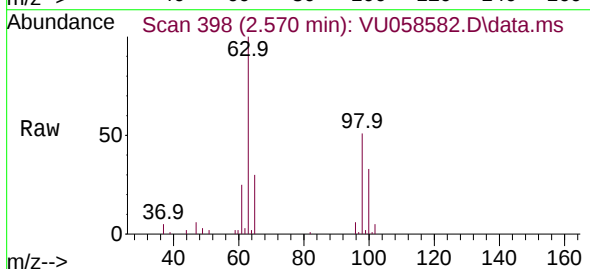
Tgt Ion: 96 Resp: 1499

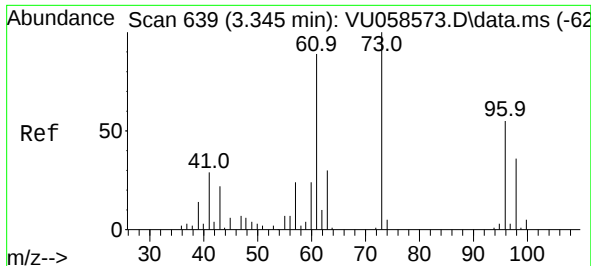
Ion Ratio Lower Upper

96 100

61 389.8 132.5 246.1#

63 1570.5 87.7 162.9#





#18

trans-1,2-Dichloroethene

Concen: 2.057 ug/L

RT: 3.345 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU058582.D

Acq: 11 Apr 2024 02:13

Instrument :

MSVOA_U

ClientSampleId :

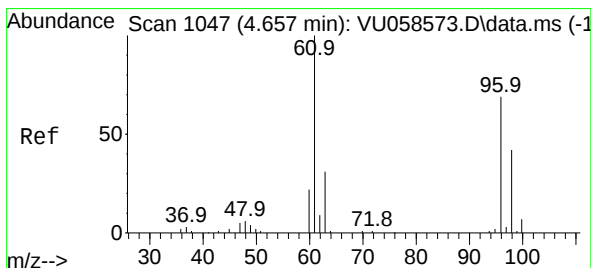
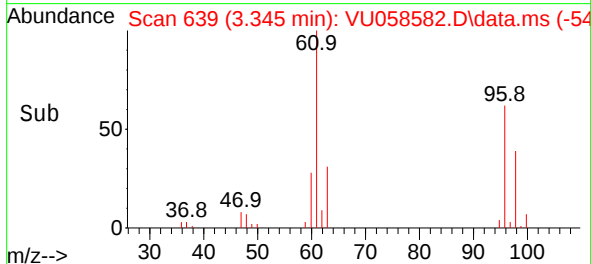
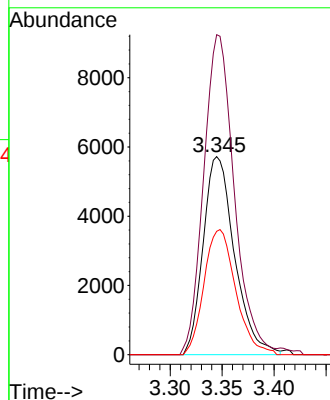
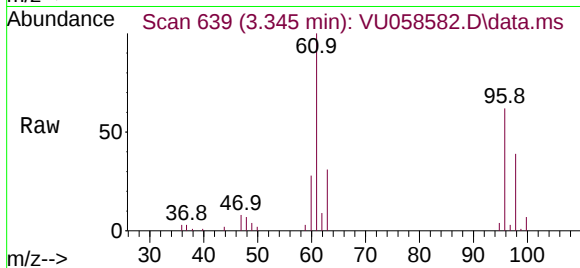
Tgt Ion: 96 Resp: 12032

Ion Ratio Lower Upper

96 100

61 161.5 107.6 199.8

98 62.2 45.1 83.7



#22

cis-1,2-Dichloroethene

Concen: 90.400 ug/L

RT: 4.653 min Scan# 1046

Delta R.T. -0.003 min

Lab File: VU058582.D

Acq: 11 Apr 2024 02:13

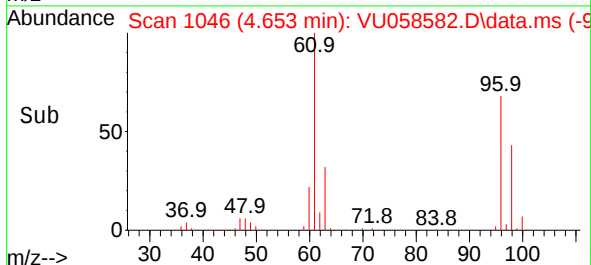
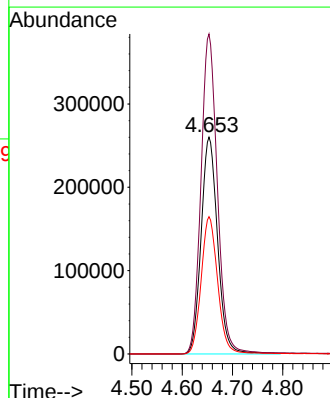
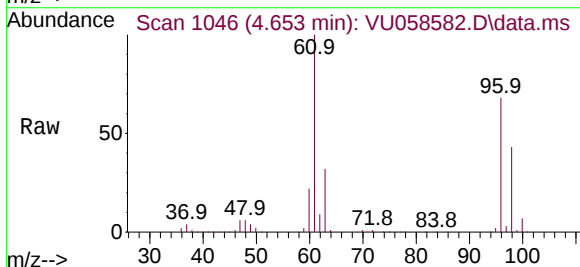
Tgt Ion: 96 Resp: 593784

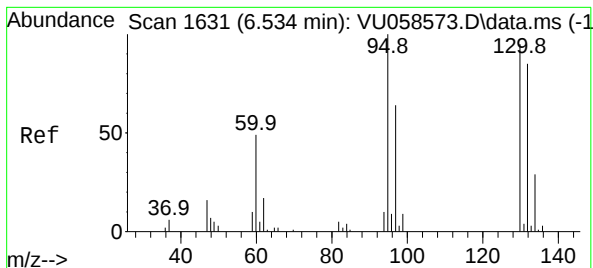
Ion Ratio Lower Upper

96 100

61 147.6 98.1 182.3

98 63.4 43.6 81.0





#34

Trichloroethene

Concen: 0.693 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU058582.D

Acq: 11 Apr 2024 02:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 4867

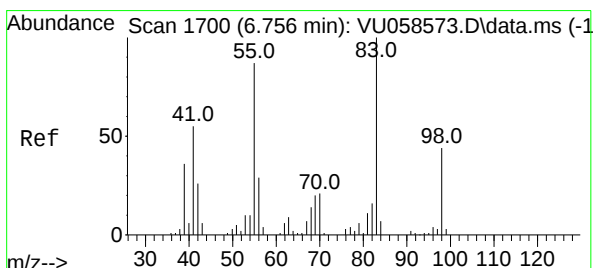
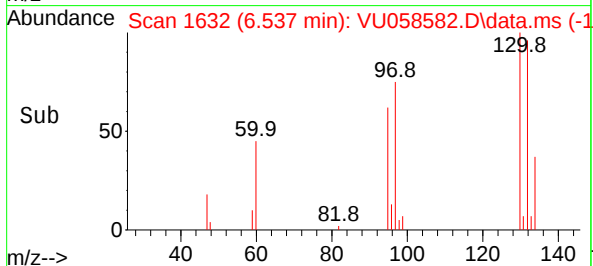
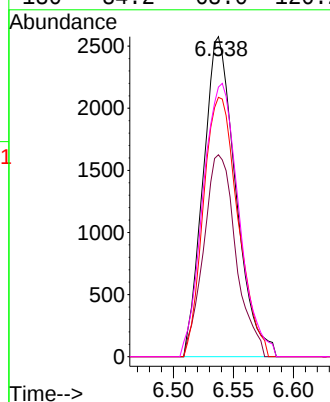
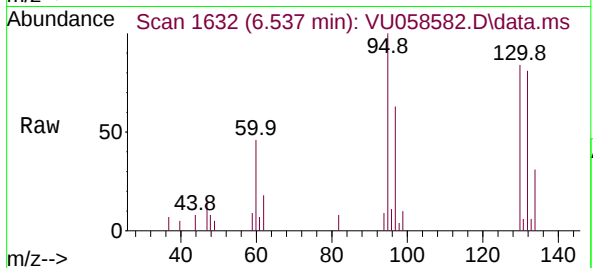
Ion Ratio Lower Upper

95 100

97 63.1 45.6 84.6

132 81.1 64.8 120.3

130 84.2 68.0 126.2



#35

Methylcyclohexane

Concen: 0.592 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058582.D

Acq: 11 Apr 2024 02:13

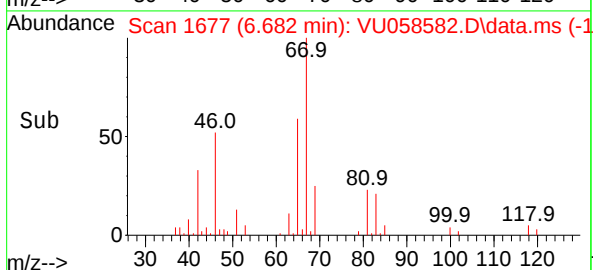
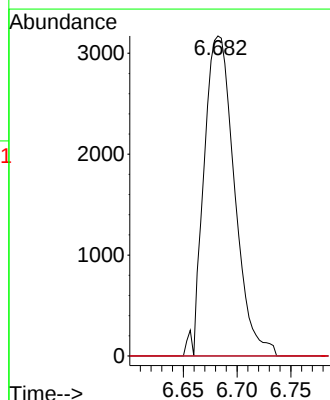
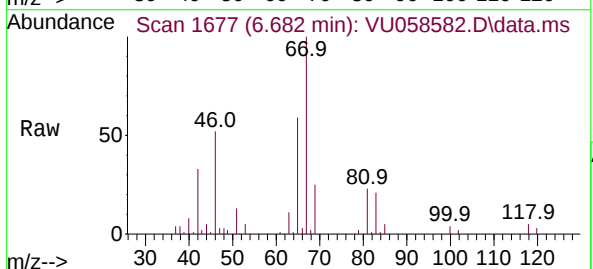
Tgt Ion: 83 Resp: 6262

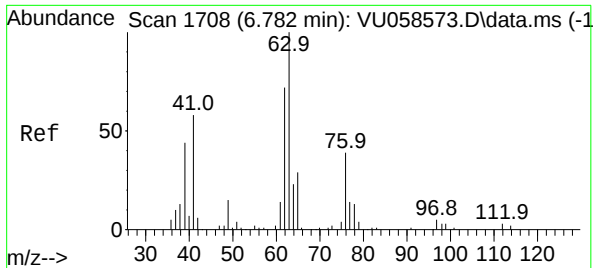
Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 6.1 34.6 52.0#

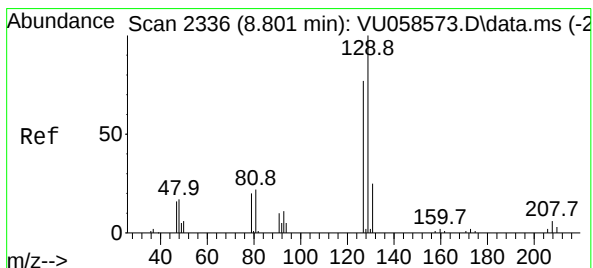
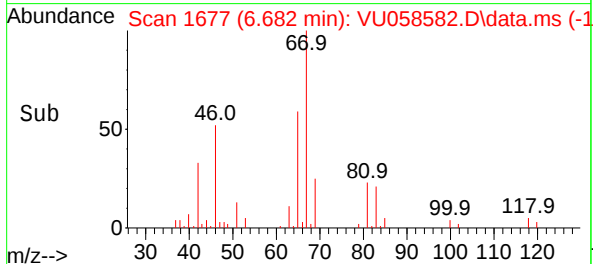
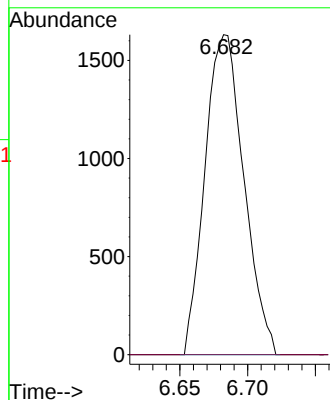
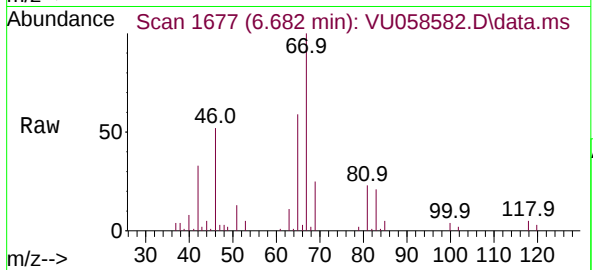




#37
1,2-Dichloropropane
Concen: 0.444 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058582.D
Acq: 11 Apr 2024 02:13

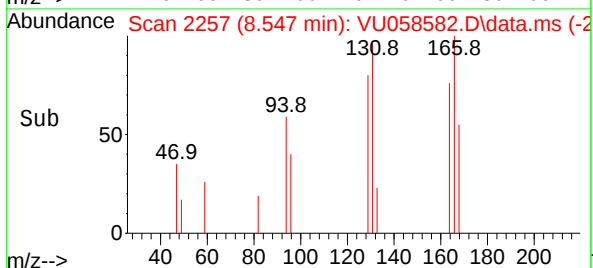
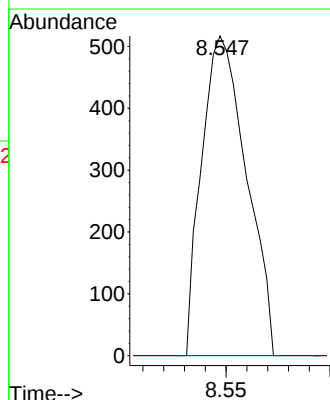
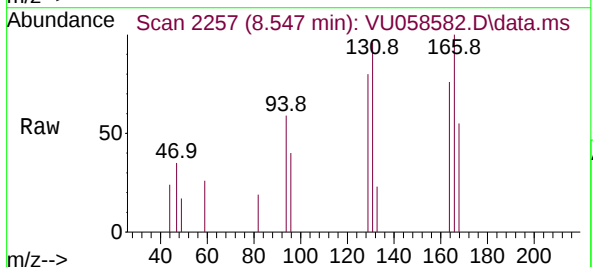
Instrument :
MSVOA_U
ClientSampleId :

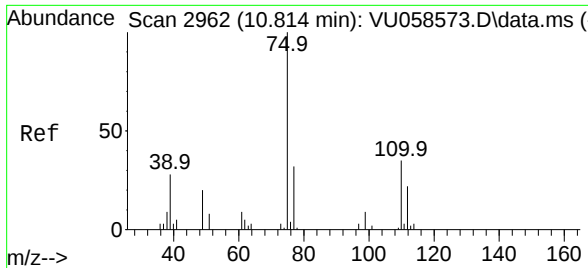
Tgt Ion: 63 Resp: 3256
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#49
Dibromochloromethane
Concen: 0.156 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.254 min
Lab File: VU058582.D
Acq: 11 Apr 2024 02:13

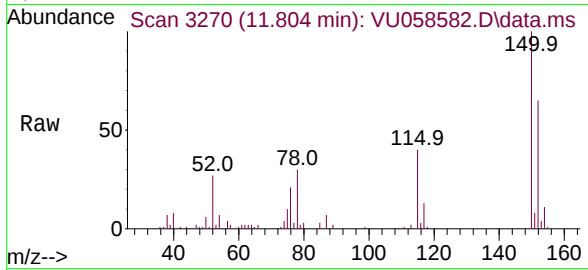
Tgt Ion: 129 Resp: 773
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#





#61
1,2,3-Trichloropropane
Concen: 1.437 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU058582.D
Acq: 11 Apr 2024 02:13

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	4777
Ion	Ratio	Lower	Upper
75	100		
110	0.0	25.8	38.6#
77	29.4	25.1	37.7

