

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041024\
 Data File : VU058583.D
 Acq On : 11 Apr 2024 02:37
 Operator : MD/SY
 Sample : P2014-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 11 03:01:44 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)

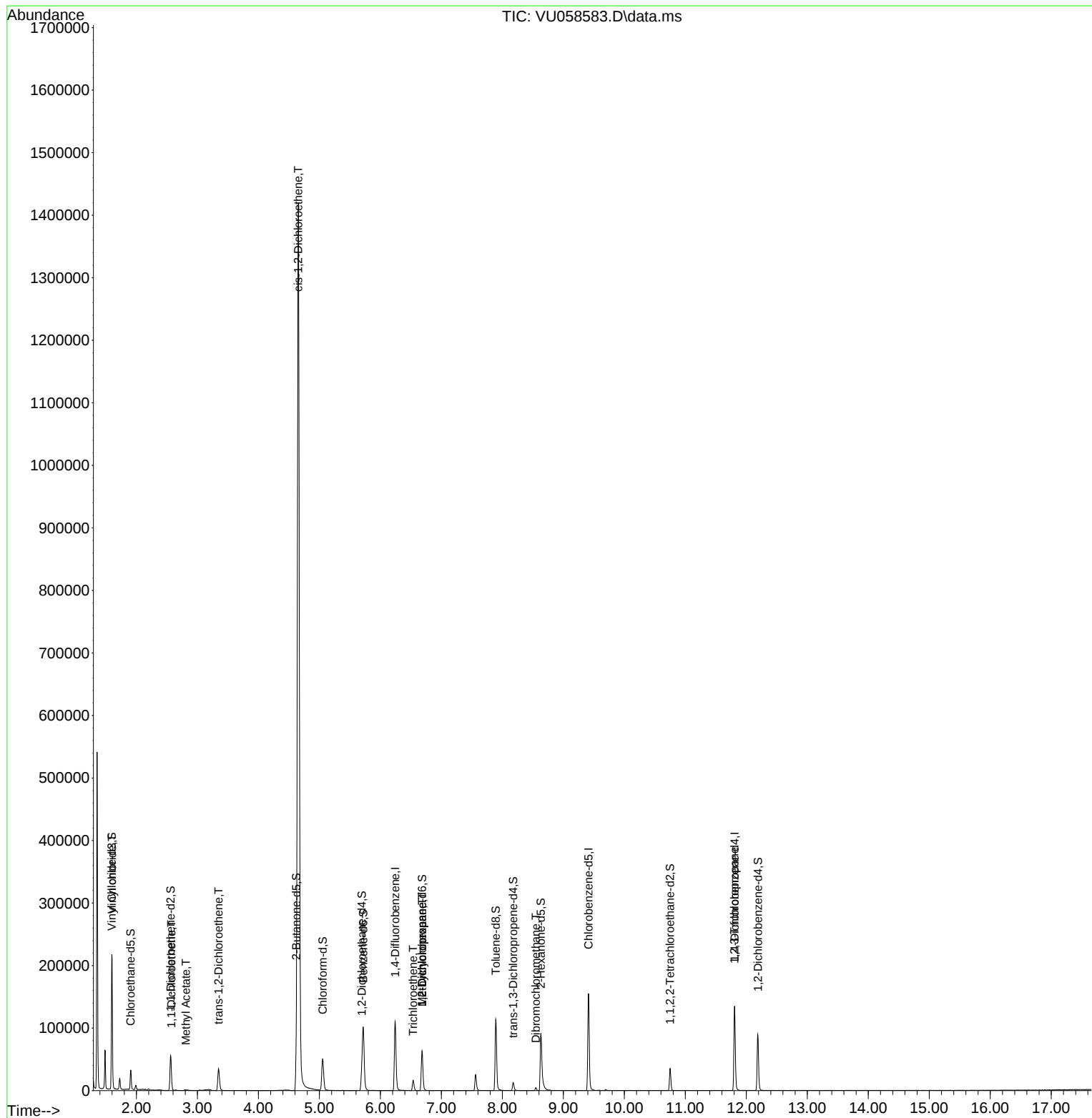
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	86411	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	83684	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	34984	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23626	4.130	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.904	69	21340	4.292	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.560	65	10675	4.123	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	4.621	46	46747	38.774	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.540%
24) Chloroform-d	5.052	84	46951	4.111	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
26) 1,2-Dichloroethane-d4	5.695	65	22964	4.309	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
32) Benzene-d6	5.718	84	93953	4.170	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	6.682	67	29691	4.202	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.891	98	76801	3.844	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.800%
43) trans-1,3-Dichloroprop...	8.177	79	8155	3.718	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.400%
46) 2-Hexanone-d5	8.631	63	32188	35.582	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.160%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	18259	3.661	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	23539	3.995	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.800%#
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	102376	11.629	ug/L	100
12) 1,1-Dichloroethene	2.573	96	1770	0.289	ug/L #	1
15) Methyl Acetate	2.811	43	600	0.247	ug/L #	55
18) trans-1,2-Dichloroethene	3.345	96	14123	2.200	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	684844	95.016	ug/L	95
34) Trichloroethene	6.538	95	5889	0.770	ug/L	92
35) Methylcyclohexane	6.682	83	6211	0.539	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	3299	0.413	ug/L #	90
49) Dibromochloromethane	8.550	129	885	0.164	ug/L #	11
61) 1,2,3-Trichloropropane	11.804	75	4842	1.356	ug/L #	70

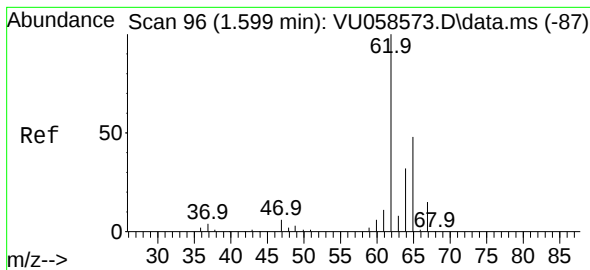
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 11.629 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU058583.D

Acq: 11 Apr 2024 02:37

Instrument :

MSVOA_U

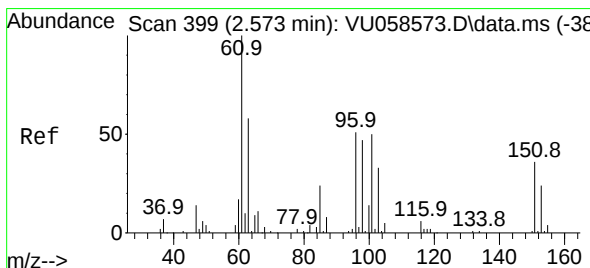
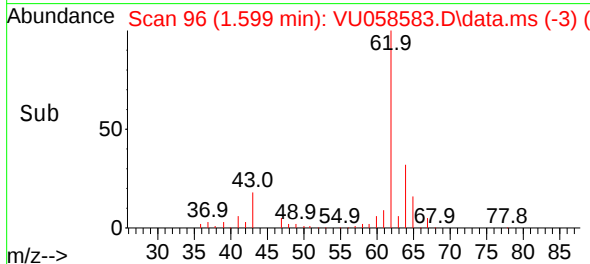
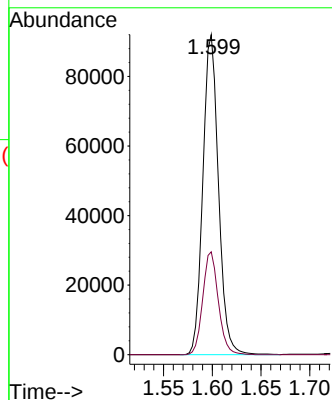
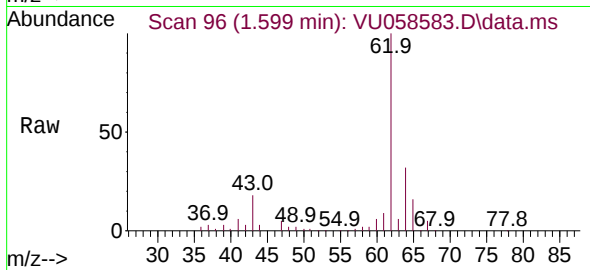
ClientSampleId :

Tgt Ion: 62 Resp: 102376

Ion Ratio Lower Upper

62 100

64 32.1 22.6 42.0



#12

1,1-Dichloroethene

Concen: 0.289 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU058583.D

Acq: 11 Apr 2024 02:37

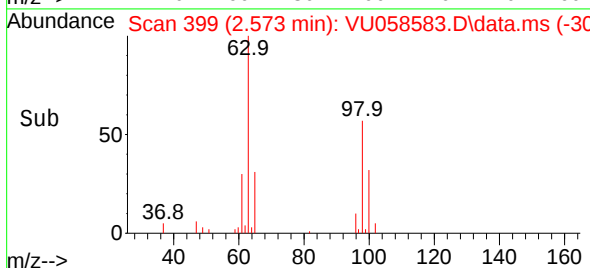
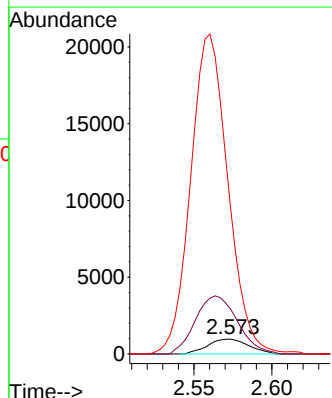
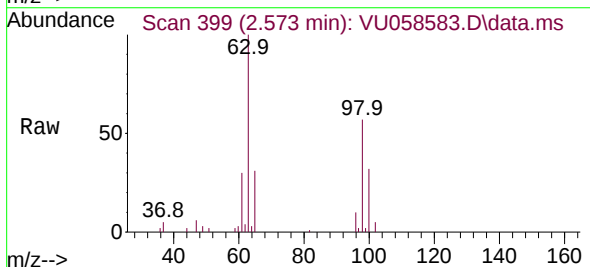
Tgt Ion: 96 Resp: 1770

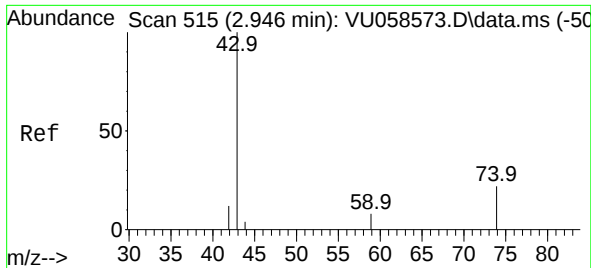
Ion Ratio Lower Upper

96 100

61 264.3 132.5 246.1#

63 876.5 87.7 162.9#





#15

Methyl Acetate

Concen: 0.247 ug/L

RT: 2.811 min Scan# 41

Delta R.T. -0.135 min

Lab File: VU058583.D

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Instrument :

MSVOA_U

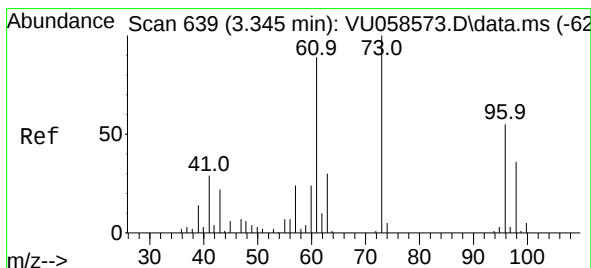
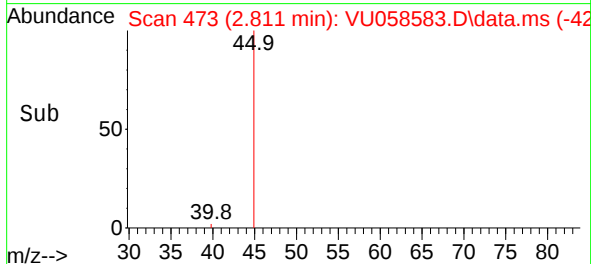
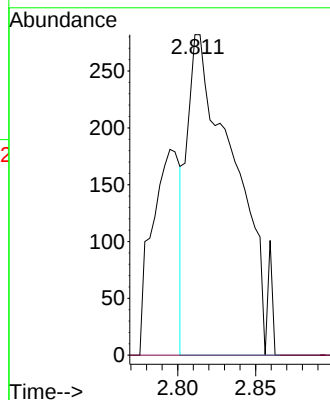
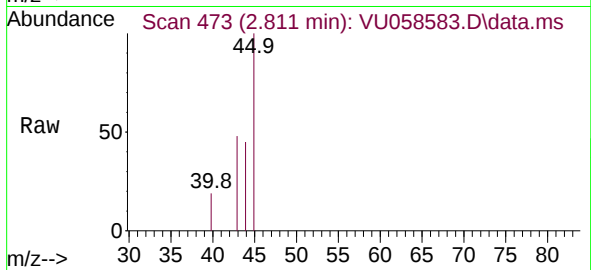
ClientSampleId :

Tgt Ion: 43 Resp: 600

Ion Ratio Lower Upper

43 100

74 0.0 16.6 25.0#



#18

trans-1,2-Dichloroethene

Concen: 2.200 ug/L

RT: 3.345 min Scan# 639

Delta R.T. 0.000 min

Lab File: VU058583.D

Acq: 11 Apr 2024 02:37

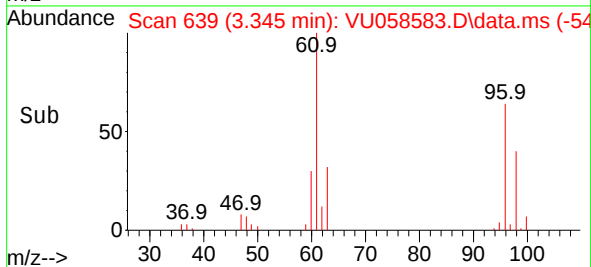
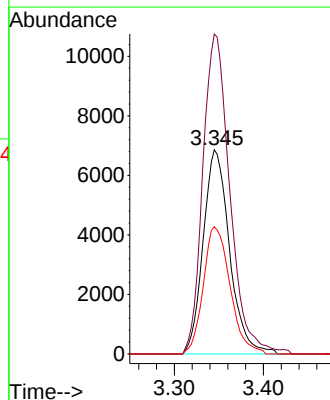
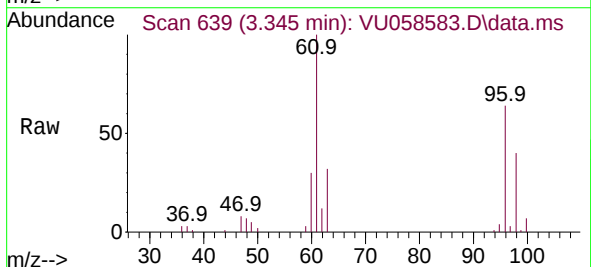
Tgt Ion: 96 Resp: 14123

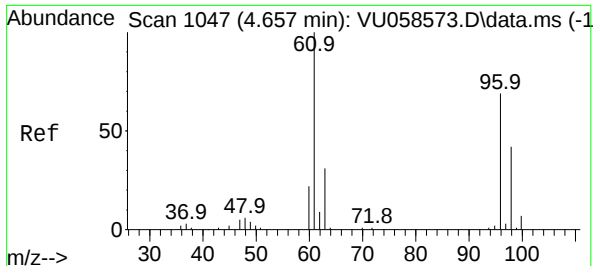
Ion Ratio Lower Upper

96 100

61 156.7 107.6 199.8

98 62.3 45.1 83.7

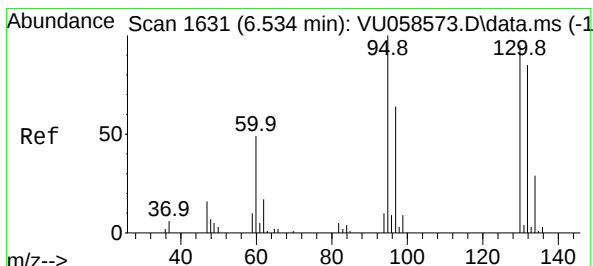
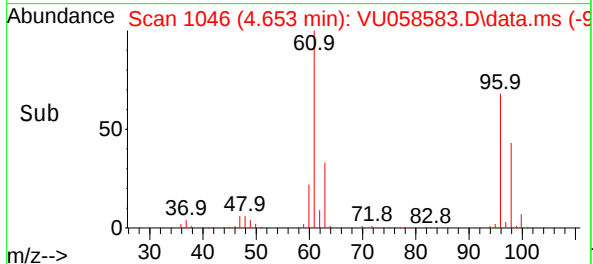
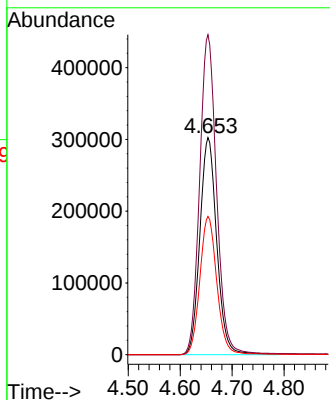
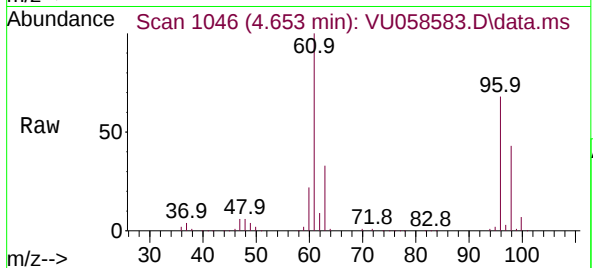




#22
cis-1,2-Dichloroethene
Concen: 95.016 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU058583.D
Acq: 11 Apr 2024 02:37

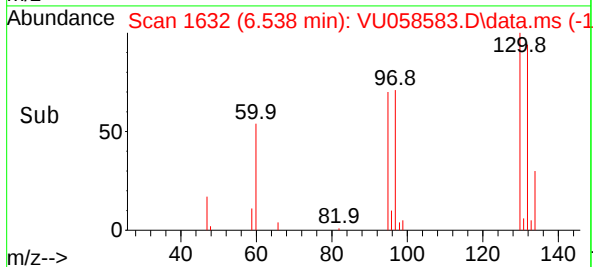
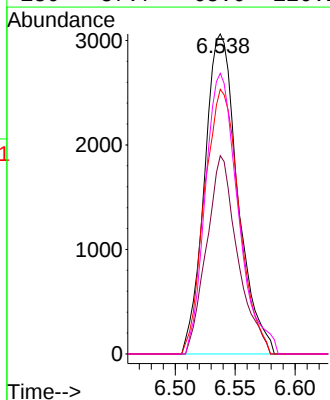
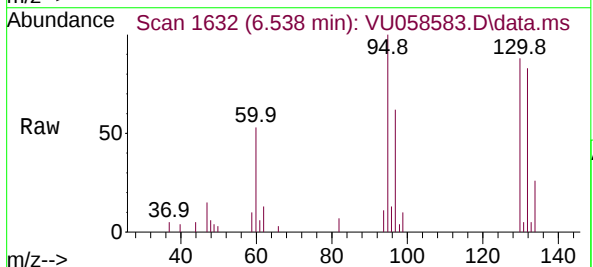
Instrument :
MSVOA_U
ClientSampleId :

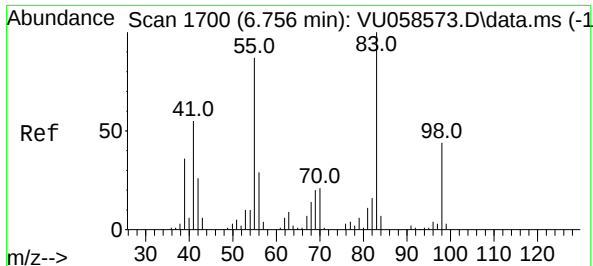
Tgt Ion: 96 Resp: 684844
Ion Ratio Lower Upper
96 100
61 147.4 98.1 182.3
98 63.7 43.6 81.0



#34
Trichloroethene
Concen: 0.770 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.003 min
Lab File: VU058583.D
Acq: 11 Apr 2024 02:37

Tgt Ion: 95 Resp: 5889
Ion Ratio Lower Upper
95 100
97 62.0 45.6 84.6
132 82.7 64.8 120.3
130 87.7 68.0 126.2





#35

Methylcyclohexane

Concen: 0.539 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058583.D

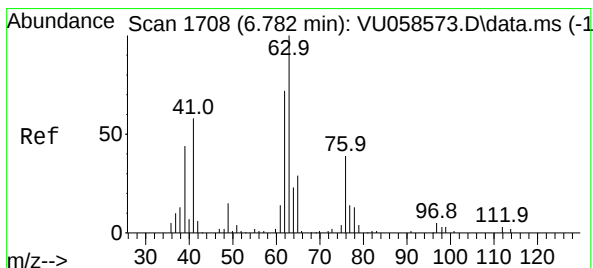
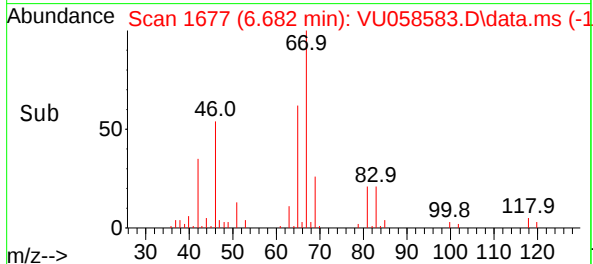
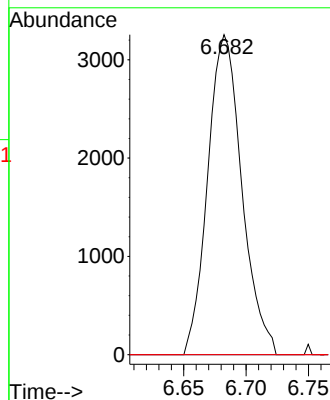
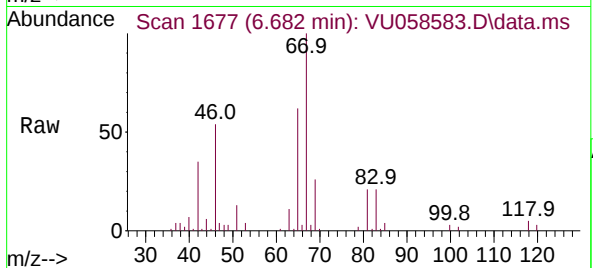
Acq: 11 Apr 2024 02:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 6211
Ion Ratio	Lower Upper
83	100
55	0.0 66.2 99.4#
98	8.5 34.6 52.0#



#37

1,2-Dichloropropane

Concen: 0.413 ug/L

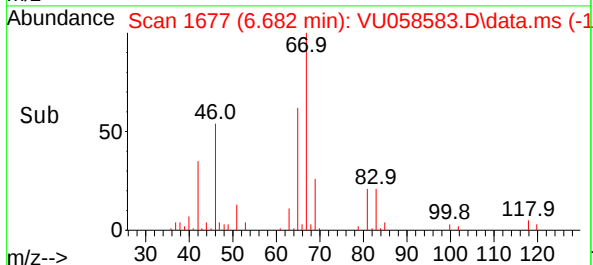
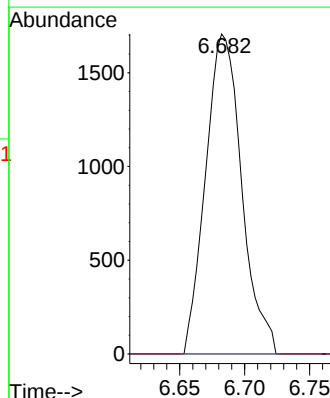
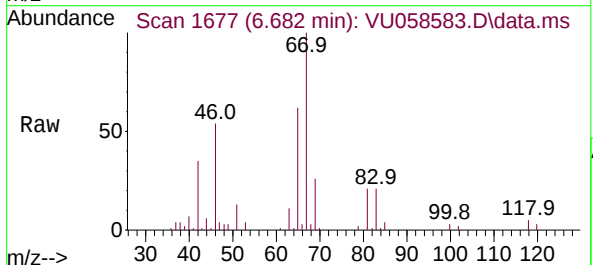
RT: 6.682 min Scan# 1677

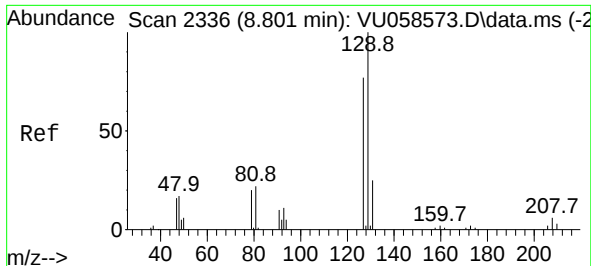
Delta R.T. -0.100 min

Lab File: VU058583.D

Acq: 11 Apr 2024 02:37

Tgt Ion: 63	Resp: 3299
Ion Ratio	Lower Upper
63	100
112	0.0 2.6 4.0#





#49

Dibromochloromethane

Concen: 0.164 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.251 min

Lab File: VU058583.D

Acq: 11 Apr 2024 02:37

Instrument :

MSVOA_U

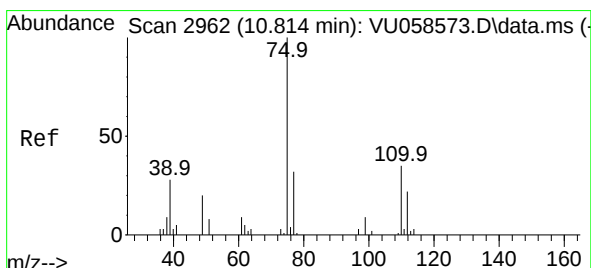
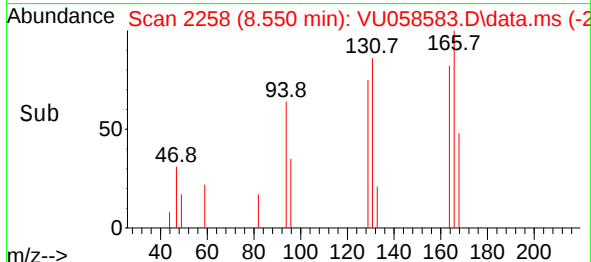
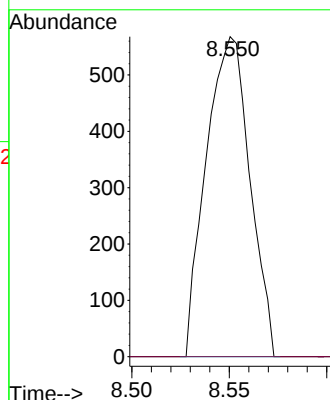
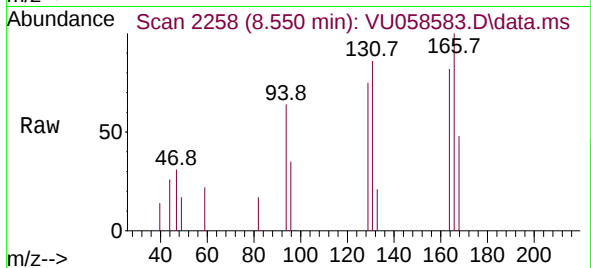
ClientSampleId :

Tgt Ion:129 Resp: 885

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#



#61

1,2,3-Trichloropropane

Concen: 1.356 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU058583.D

Acq: 11 Apr 2024 02:37

Tgt Ion: 75 Resp: 4842

Ion Ratio Lower Upper

75 100

110 0.0 25.8 38.6#

77 32.6 25.1 37.7

