

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041024\
 Data File : VU058581.D
 Acq On : 11 Apr 2024 01:49
 Operator : MD/SY
 Sample : P2014-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 11 03:01:09 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

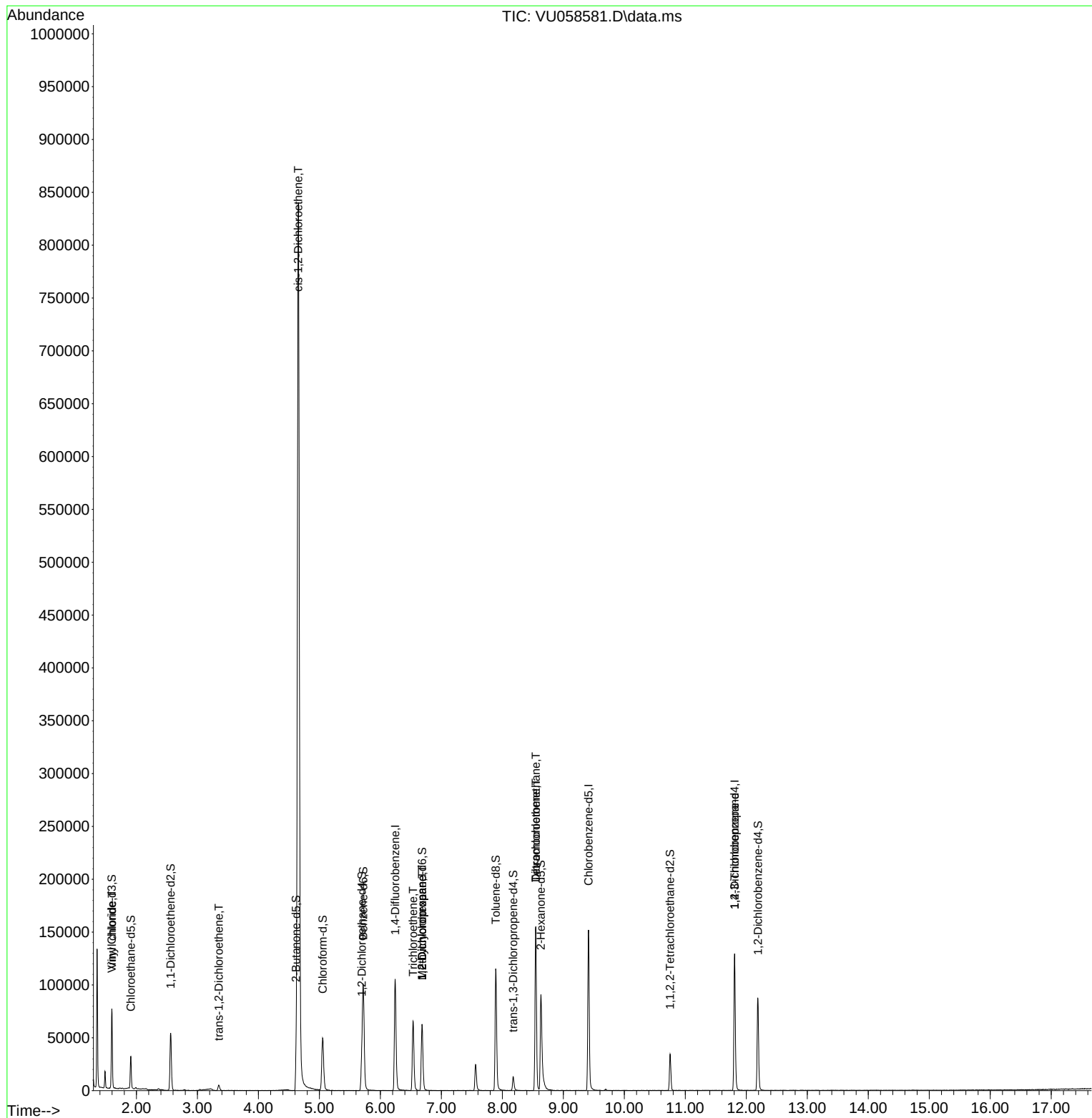
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	82960	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	79002	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	33783	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22682	4.130	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.908	69	20877	4.374	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.560	65	10840	4.360	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	4.618	46	44505	38.450	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.900%
24) Chloroform-d	5.052	84	46523	4.243	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.695	65	22678	4.432	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	5.718	84	93347	4.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.682	67	30262	4.537	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.891	98	76745	4.069	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	8.177	79	8324	4.020	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.631	63	31582	36.982	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.960%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	18134	3.851	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	23048	4.051	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.000%
Target Compounds						
5) Vinyl chloride	1.599	62	29449	3.484	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	2095	0.340	ug/L	89
22) cis-1,2-Dichloroethene	4.653	96	411021	59.398	ug/L	95
34) Trichloroethene	6.534	95	22889	3.171	ug/L	96
35) Methylcyclohexane	6.682	83	6412	0.590	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3405	0.452	ug/L #	90
47) Tetrachloroethene	8.547	164	32308	6.105	ug/L	98
49) Dibromochloromethane	8.547	129	31948	6.280	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	4913	1.425	ug/L #	71

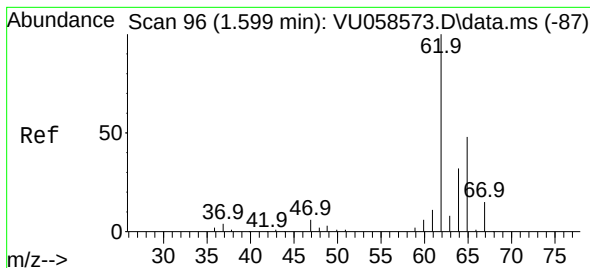
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 3.484 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

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Instrument :

MSVOA_U

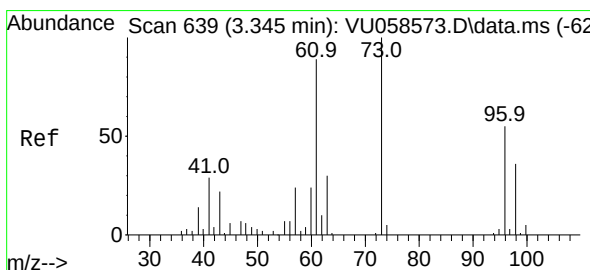
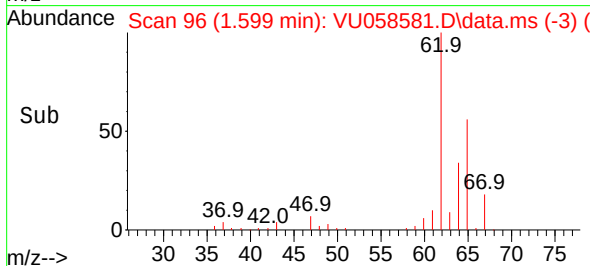
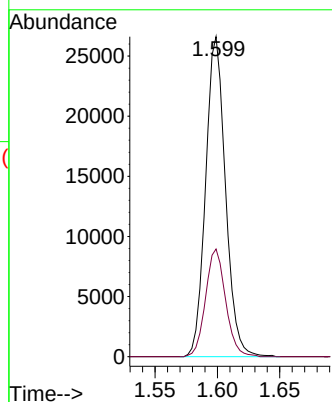
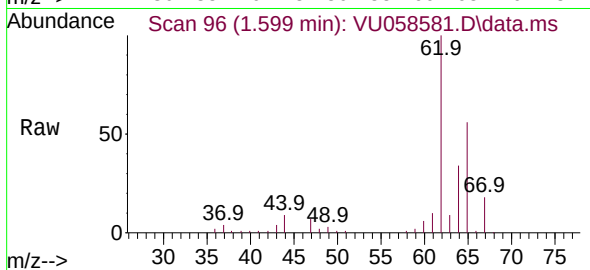
ClientSampleId :

Tgt Ion: 62 Resp: 29449

Ion Ratio Lower Upper

62 100

64 33.6 22.6 42.0



#18

trans-1,2-Dichloroethene

Concen: 0.340 ug/L

RT: 3.351 min Scan# 641

Delta R.T. 0.006 min

Lab File: VU058581.D

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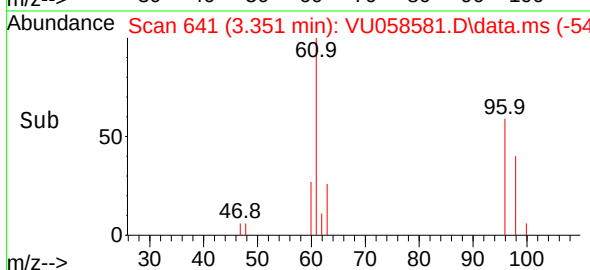
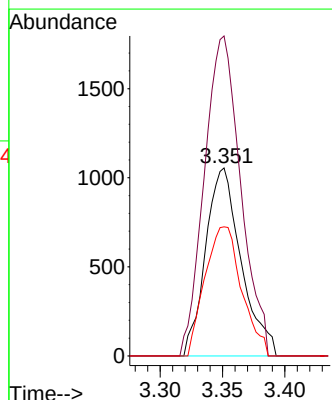
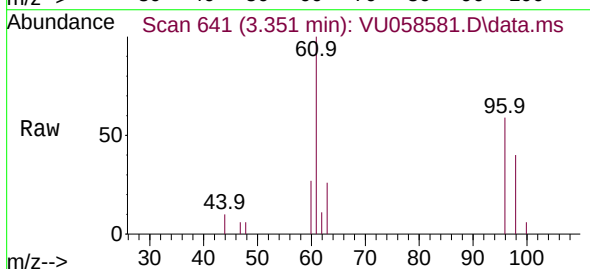
Tgt Ion: 96 Resp: 2095

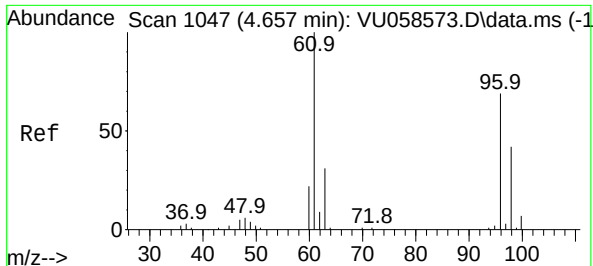
Ion Ratio Lower Upper

96 100

61 170.2 107.6 199.8

98 68.7 45.1 83.7

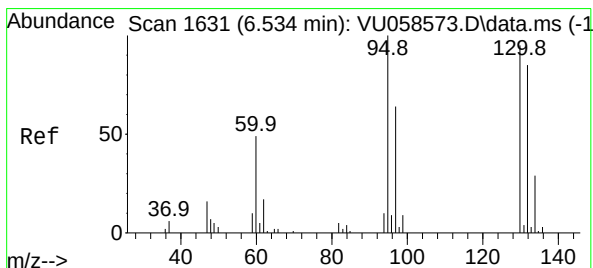
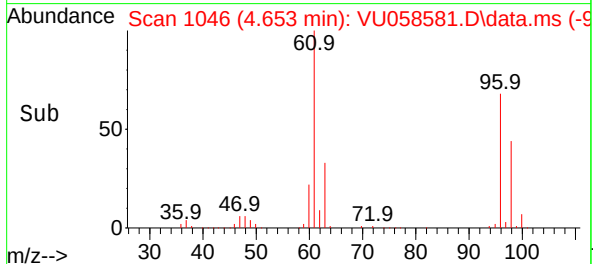
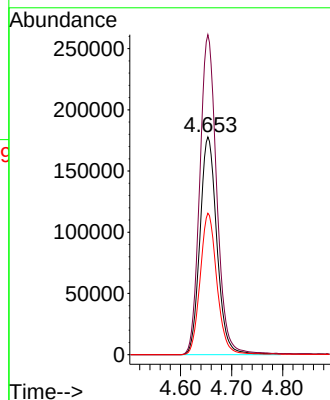
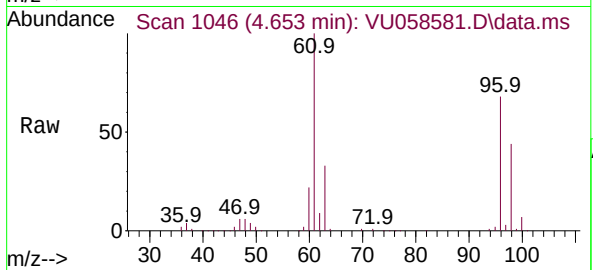




#22
cis-1,2-Dichloroethene
Concen: 59.398 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU058581.D
Acq: 11 Apr 2024 01:49

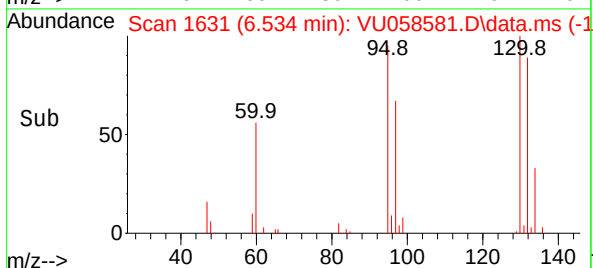
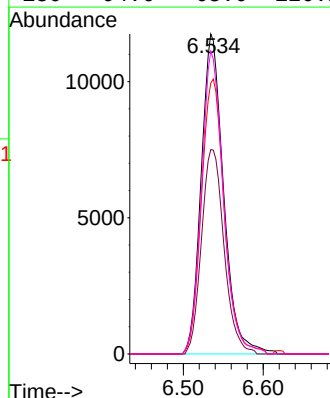
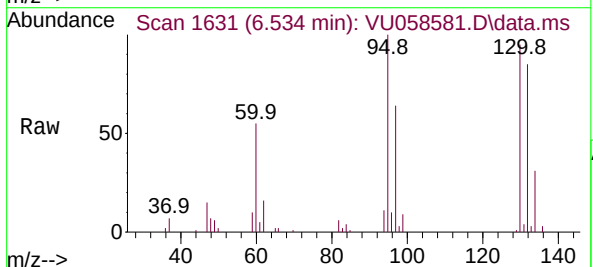
Instrument :
MSVOA_U
ClientSampleId :

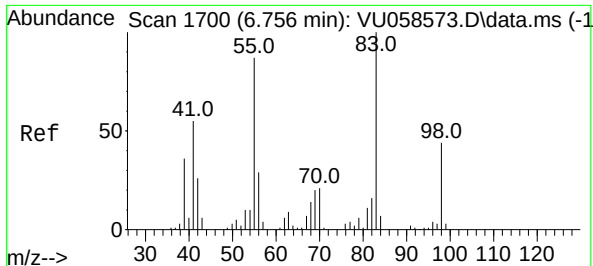
Tgt Ion: 96 Resp: 411021
Ion Ratio Lower Upper
96 100
61 147.0 98.1 182.3
98 65.0 43.6 81.0



#34
Trichloroethene
Concen: 3.171 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU058581.D
Acq: 11 Apr 2024 01:49

Tgt Ion: 95 Resp: 22889
Ion Ratio Lower Upper
95 100
97 63.8 45.6 84.6
132 84.7 64.8 120.3
130 94.6 68.0 126.2





#35

Methylcyclohexane

Concen: 0.590 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058581.D

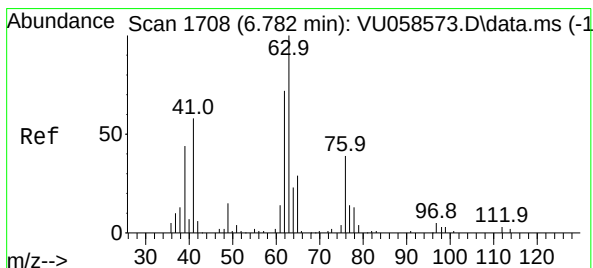
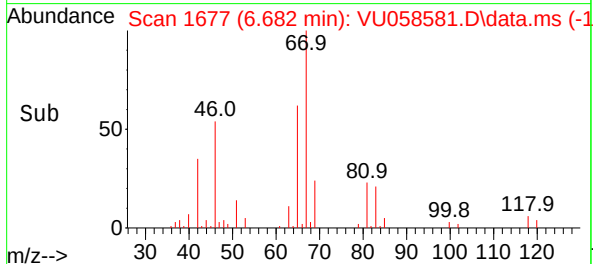
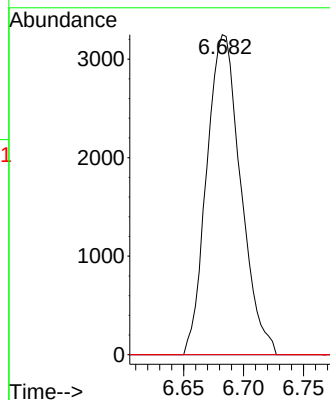
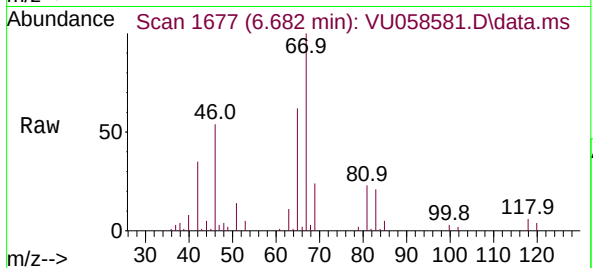
Acq: 11 Apr 2024 01:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 6412
Ion Ratio	Lower Upper
83	100
55	0.0 66.2 99.4#
98	0.0 34.6 52.0#



#37

1,2-Dichloropropane

Concen: 0.452 ug/L

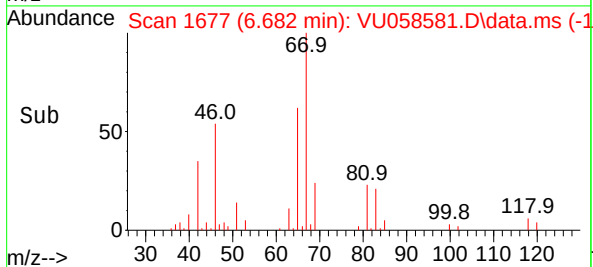
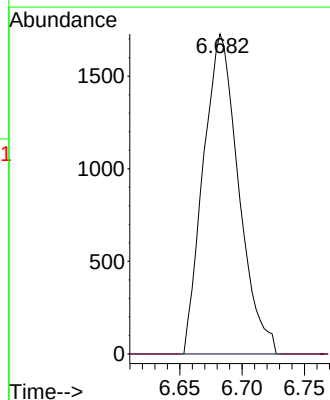
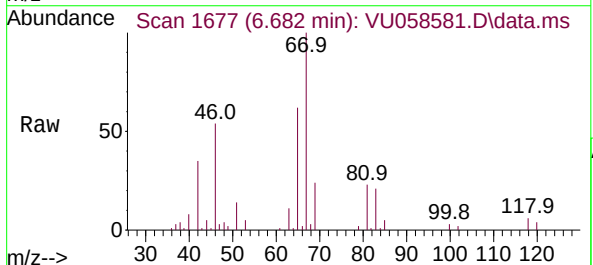
RT: 6.682 min Scan# 1677

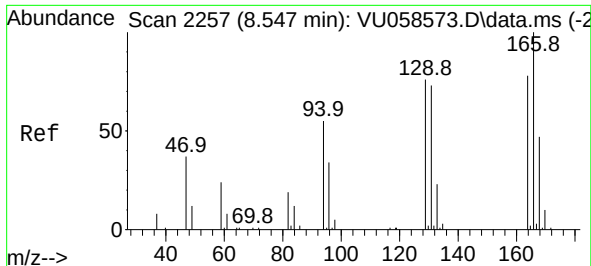
Delta R.T. -0.100 min

Lab File: VU058581.D

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Tgt Ion: 63	Resp: 3405
Ion Ratio	Lower Upper
63	100
112	0.0 2.6 4.0#





#47

Tetrachloroethene

Concen: 6.105 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

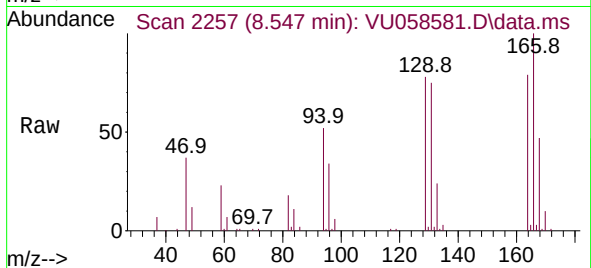
Lab File: VU058581.D

Acq: 11 Apr 2024 01:49

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 32308

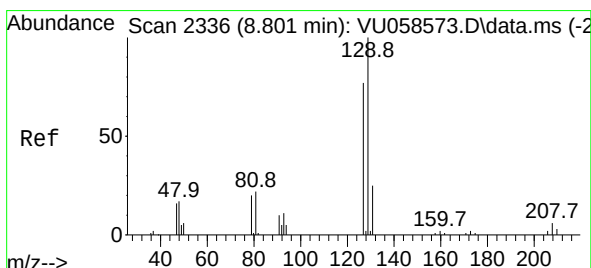
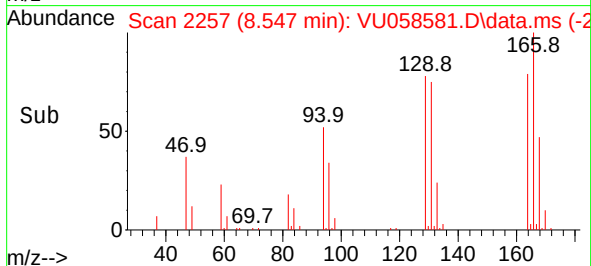
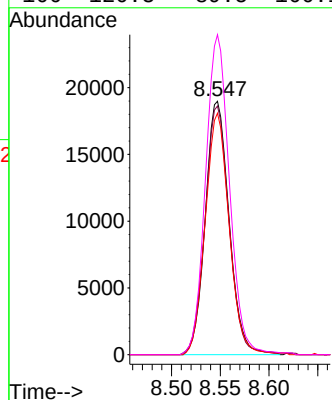
Ion Ratio Lower Upper

164 100

129 98.1 67.3 125.1

131 95.2 65.5 121.6

166 126.3 89.5 166.1



#49

Dibromochloromethane

Concen: 6.280 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU058581.D

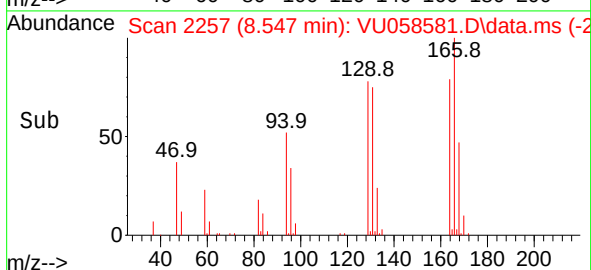
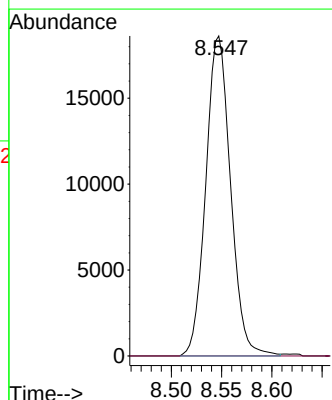
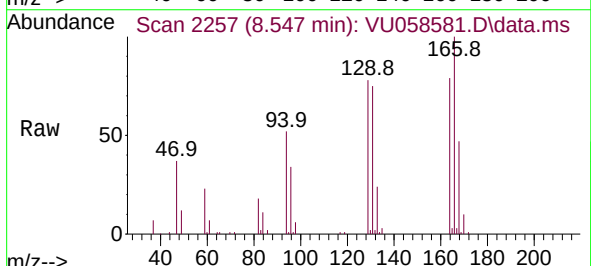
Acq: 11 Apr 2024 01:49

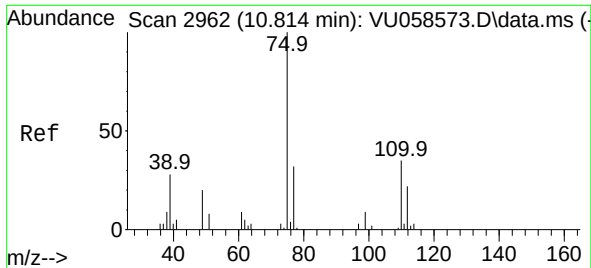
Tgt Ion:129 Resp: 31948

Ion Ratio Lower Upper

129 100

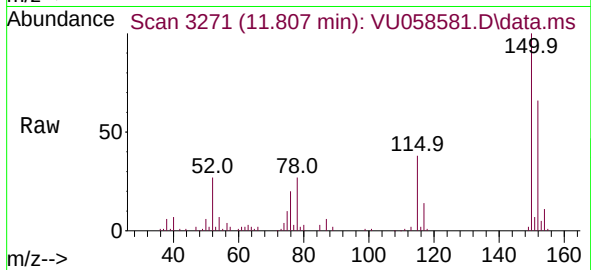
127 0.0 53.5 99.5#





#61
1,2,3-Trichloropropane
Concen: 1.425 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.994 min
Lab File: VU058581.D
Acq: 11 Apr 2024 01:49

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 4913
Ion Ratio Lower Upper
75 100
110 0.5 25.8 38.6#
77 31.0 25.1 37.7

