

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121723\
 Data File : VU056966.D
 Acq On : 17 Dec 2023 14:27
 Operator : MD/SY
 Sample : 05842-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 01:16:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 18 01:16:15 2023
 Response via : Initial Calibration

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

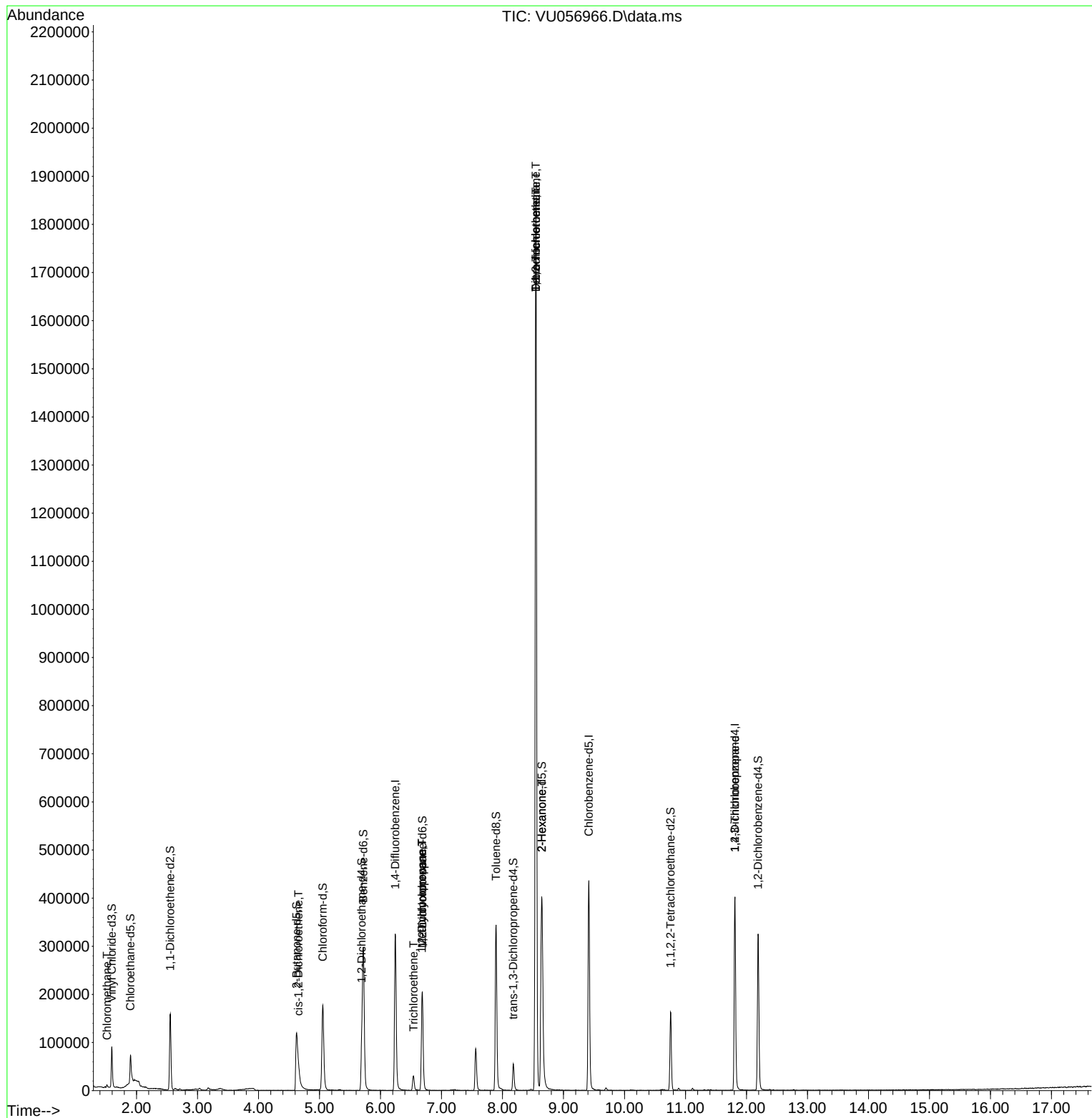
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	264041	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	256515	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	106606	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	67808	2.996	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.000%
7) Chloroethane-d5	1.901	69	47988	2.833	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	56.600%#
11) 1,1-Dichloroethene-d2	2.550	65	31795	3.283	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	4.624	46	217652	48.696	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.400%
24) Chloroform-d	5.052	84	167368	3.905	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
26) 1,2-Dichloroethane-d4	5.692	65	79234	3.907	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
32) Benzene-d6	5.717	84	282016	3.545	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.800%
36) 1,2-Dichloropropane-d6	6.685	67	103781	4.167	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.400%
41) Toluene-d8	7.894	98	236374	3.324	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.400%#
43) trans-1,3-Dichloroprop...	8.177	79	34371	3.559	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.200%
46) 2-Hexanone-d5	8.643	63	181215	49.751	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.500%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	84483	4.689	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	85819	4.095	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	4131	0.152	ug/L	94
22) cis-1,2-Dichloroethene	4.653	96	7040	0.298	ug/L	93
34) Trichloroethene	6.541	95	11140	0.450	ug/L	97
35) Methylcyclohexane	6.682	83	23821	0.653	ug/L #	17
37) 1,2-Dichloropropane	6.679	63	10514	0.456	ug/L #	88
45) 1,1,2-Trichloroethane	8.547	97	3867	0.248	ug/L #	8
47) Tetrachloroethene	8.547	164	399432	23.080	ug/L	98
48) 2-Hexanone	8.643	43	24905	3.193	ug/L #	72
49) Dibromochloromethane	8.547	129	404832	22.591	ug/L #	11
61) 1,2,3-Trichloropropane	11.810	75	12716	1.111	ug/L #	68

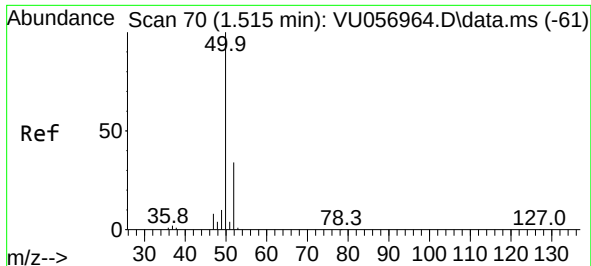
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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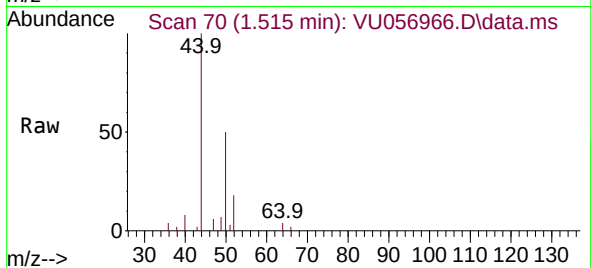
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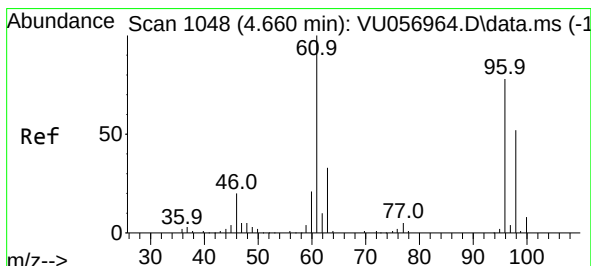
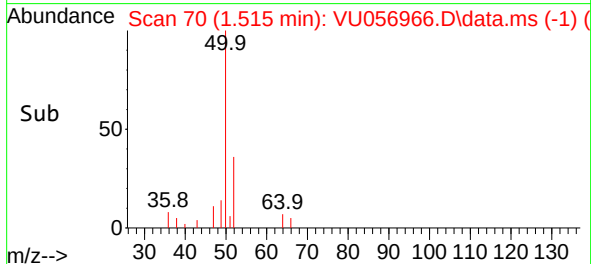
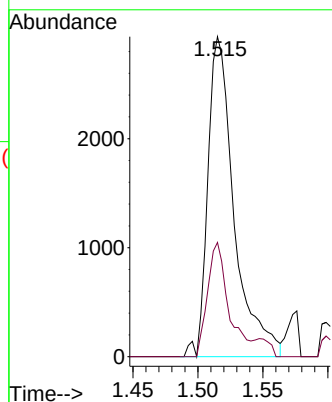


#3
Chloromethane
Concen: 0.152 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU056966.D
Acq: 17 Dec 2023 14:27

Instrument :
MSVOA_U
ClientSampleId :

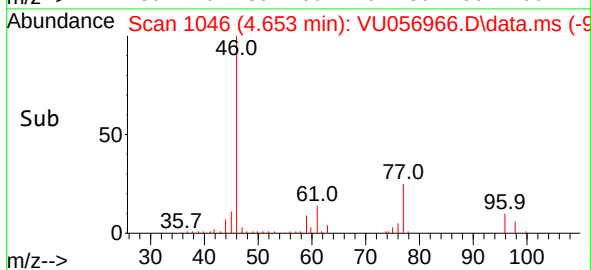
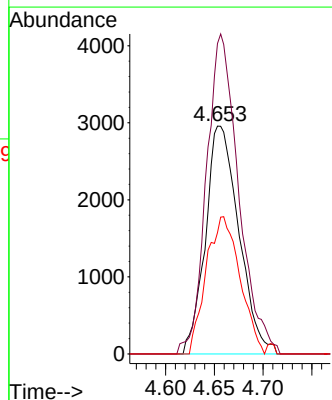
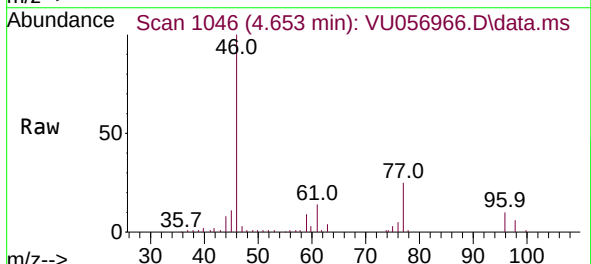


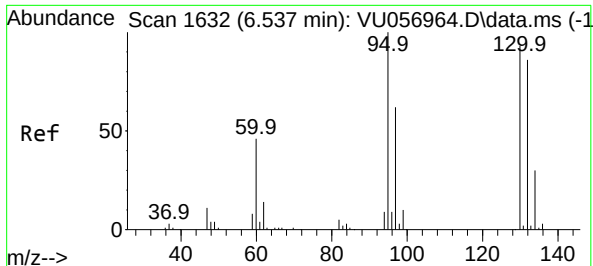
Tgt Ion: 50 Resp: 4131
Ion Ratio Lower Upper
50 100
52 35.7 22.5 41.7



#22
cis-1,2-Dichloroethene
Concen: 0.298 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.006 min
Lab File: VU056966.D
Acq: 17 Dec 2023 14:27

Tgt Ion: 96 Resp: 7040
Ion Ratio Lower Upper
96 100
61 136.3 91.3 169.6
98 53.2 44.2 82.0

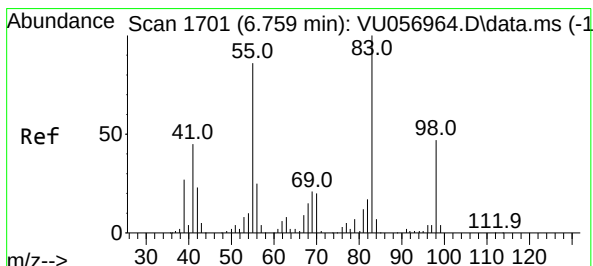
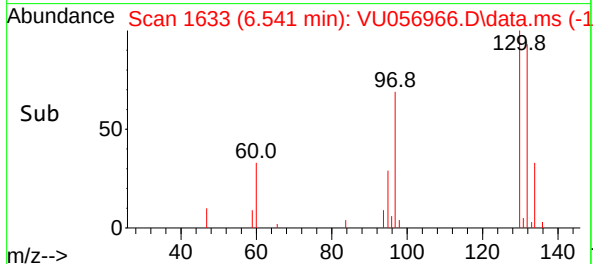
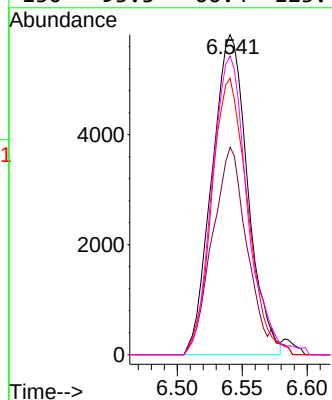
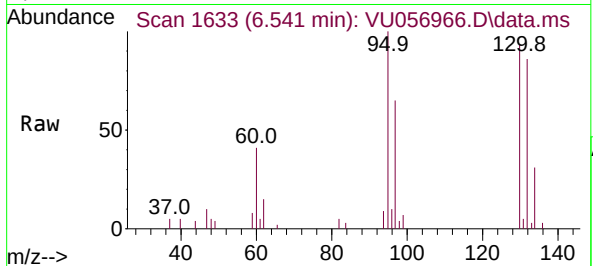




#34
Trichloroethene
Concen: 0.450 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU056966.D
Acq: 17 Dec 2023 14:27

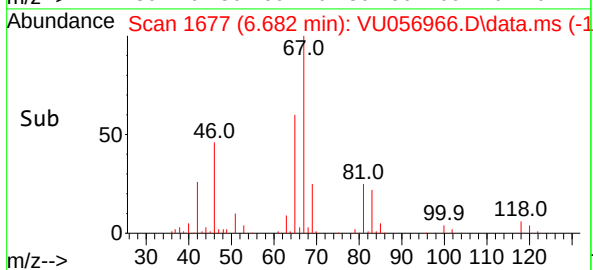
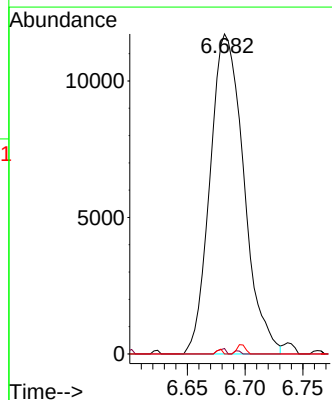
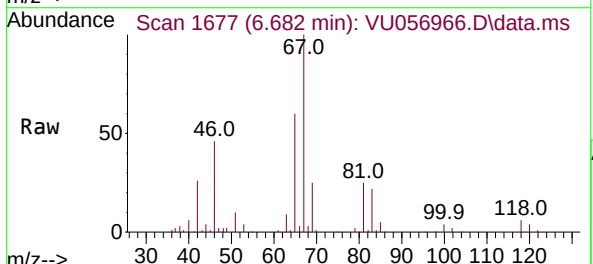
Instrument :
MSVOA_U
ClientSampleId :

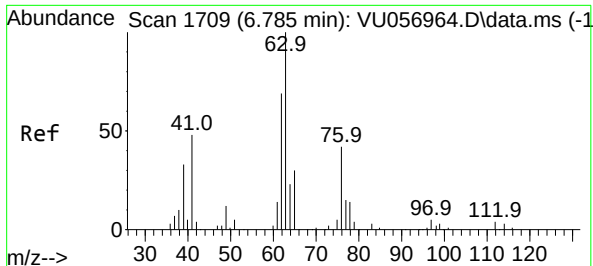
Tgt Ion: 95 Resp: 11140
Ion Ratio Lower Upper
95 100
97 64.8 46.1 85.5
132 86.3 63.6 118.0
130 93.3 66.4 123.4



#35
Methylcyclohexane
Concen: 0.653 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU056966.D
Acq: 17 Dec 2023 14:27

Tgt Ion: 83 Resp: 23821
Ion Ratio Lower Upper
83 100
55 0.4 64.6 97.0#
98 0.2 36.1 54.1#

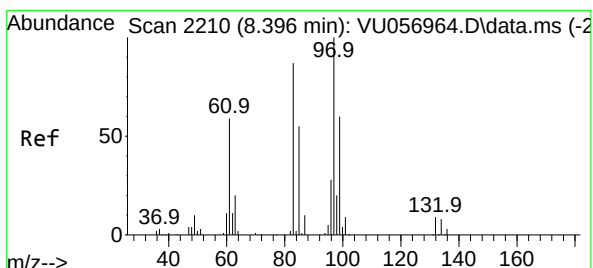
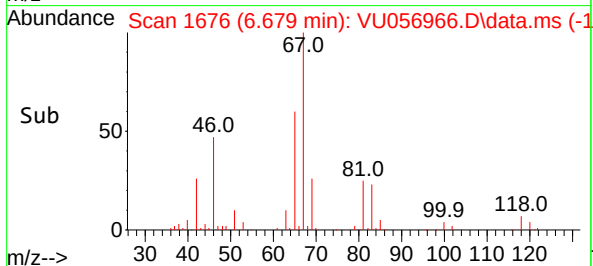
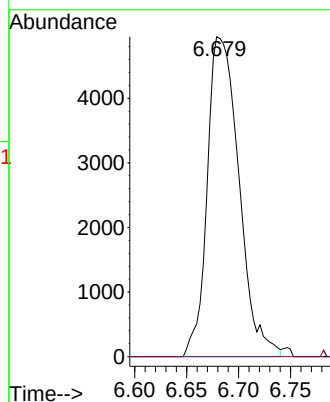
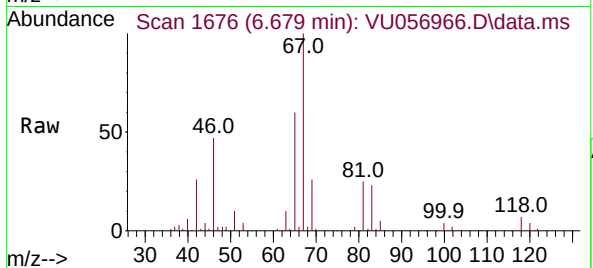




#37
1,2-Dichloropropane
Concen: 0.456 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.106 min
Lab File: VU056966.D
Acq: 17 Dec 2023 14:27

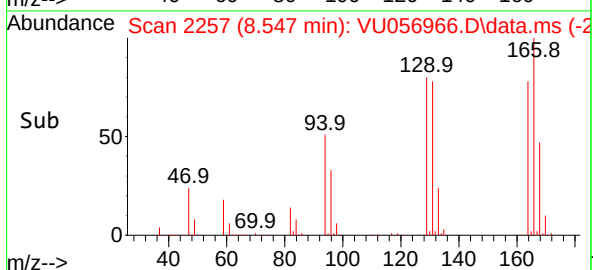
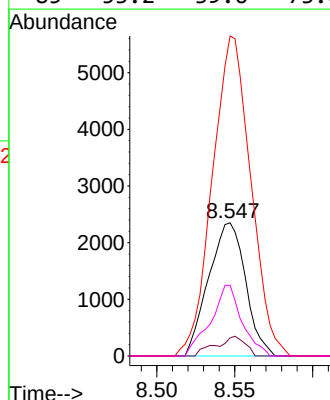
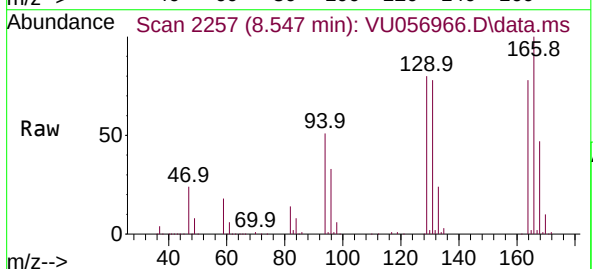
Instrument :
MSVOA_U
ClientSampleId :

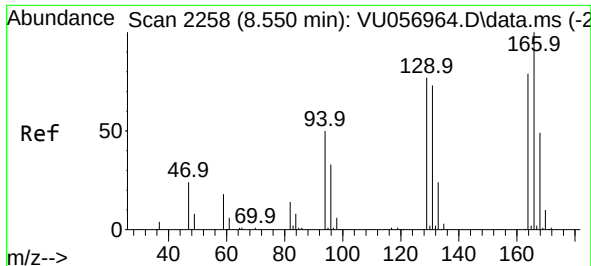
Tgt Ion: 63 Resp: 10514
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#



#45
1,1,2-Trichloroethane
Concen: 0.248 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.151 min
Lab File: VU056966.D
Acq: 17 Dec 2023 14:27

Tgt Ion: 97 Resp: 3867
Ion Ratio Lower Upper
97 100
99 13.6 41.9 77.9#
83 240.2 59.1 109.7#
85 53.2 39.6 73.6





#47

Tetrachloroethene

Concen: 23.080 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.003 min

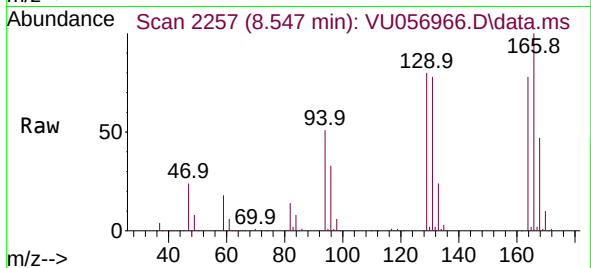
Lab File: VU056966.D

Acq: 17 Dec 2023 14:27

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 399432

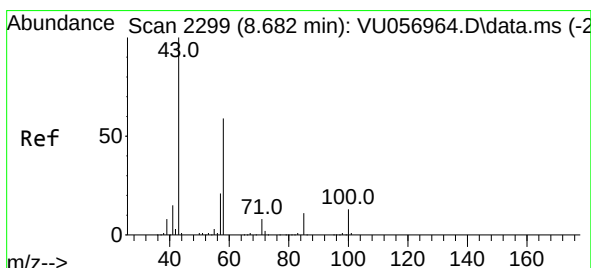
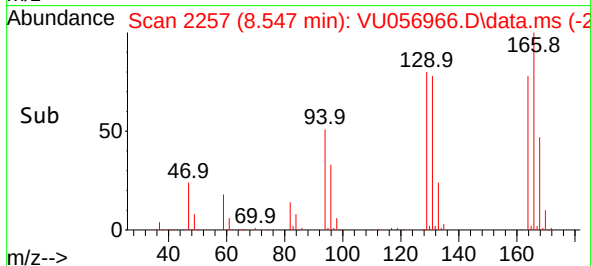
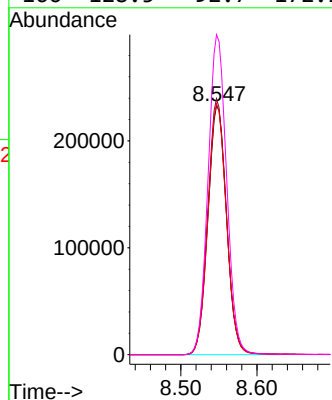
Ion Ratio Lower Upper

164 100

129 102.8 73.4 136.4

131 100.8 71.5 132.9

166 128.5 92.7 172.1



#48

2-Hexanone

Concen: 3.193 ug/L

RT: 8.643 min Scan# 2287

Delta R.T. -0.039 min

Lab File: VU056966.D

Acq: 17 Dec 2023 14:27

Tgt Ion: 43 Resp: 24905

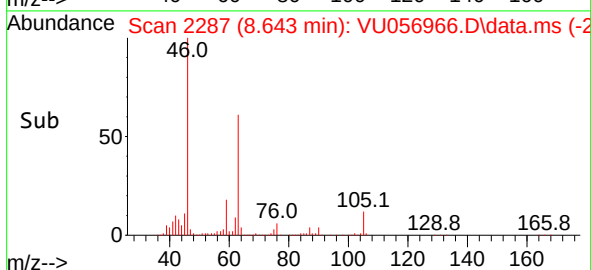
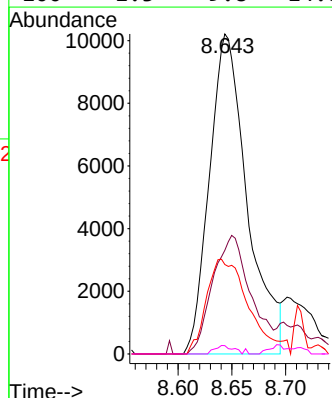
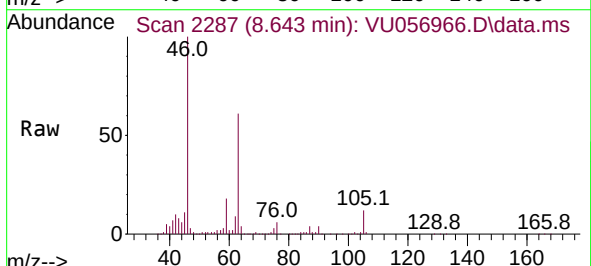
Ion Ratio Lower Upper

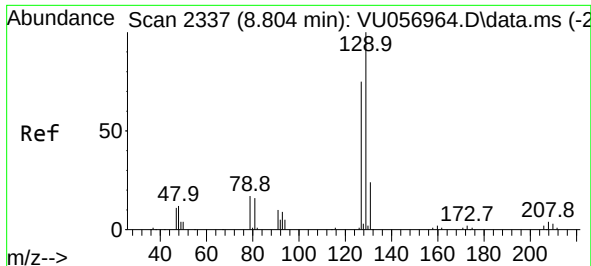
43 100

58 37.3 47.5 71.3#

57 33.0 17.0 25.4#

100 1.3 9.8 14.8#





#49

Dibromochloromethane

Concen: 22.591 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU056966.D

Acq: 17 Dec 2023 14:27

Instrument :

MSVOA_U

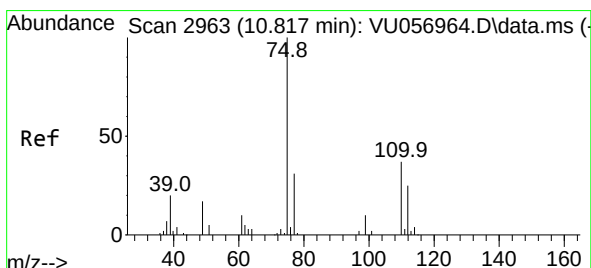
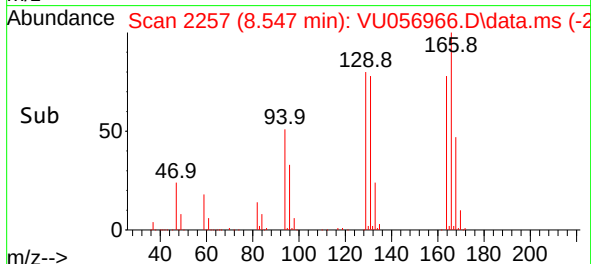
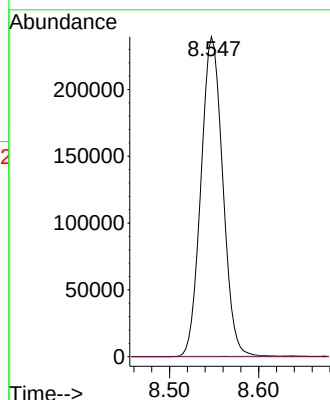
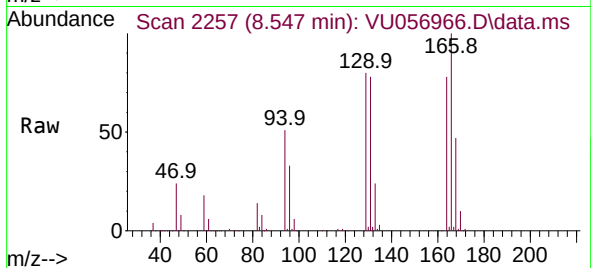
ClientSampleId :

Tgt Ion:129 Resp: 404832

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#



#61

1,2,3-Trichloropropane

Concen: 1.111 ug/L

RT: 11.810 min Scan# 3272

Delta R.T. 0.994 min

Lab File: VU056966.D

Acq: 17 Dec 2023 14:27

Tgt Ion: 75 Resp: 12716

Ion Ratio Lower Upper

75 100

110 2.1 28.4 42.6#

77 35.2 26.3 39.5

