

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121823\
 Data File : VU057027.D
 Acq On : 19 Dec 2023 05:44
 Operator : MD/SY
 Sample : 05843-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 19 06:11:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 19 02:36:03 2023
 Response via : Initial Calibration

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

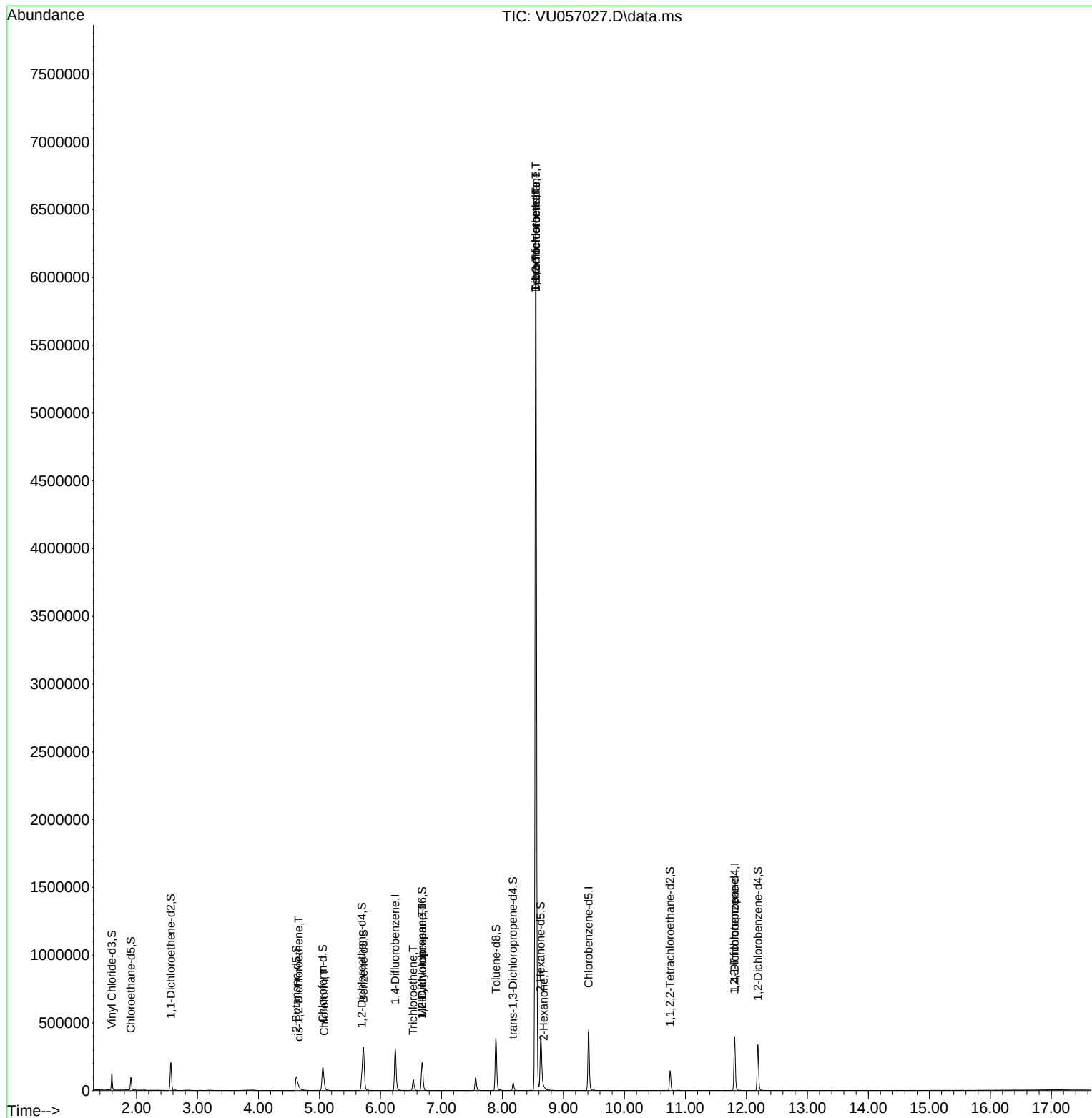
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	246036	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	247833	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	107036	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	86363	4.095	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.907	69	67091	4.251	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.563	65	39032	4.326	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.621	46	163952	39.366	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.740%
24) Chloroform-d	5.055	84	160590	4.021	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
26) 1,2-Dichloroethane-d4	5.695	65	78522	4.155	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
32) Benzene-d6	5.721	84	308409	4.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	6.682	67	105556	4.387	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.894	98	267924	3.900	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	8.174	79	33853	3.628	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.600%
46) 2-Hexanone-d5	8.627	63	142354	40.451	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.900%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	73879	4.244	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	91284	4.338	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.800%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.660	96	4488	0.204	ug/L	95
25) Chloroform	5.078	83	16601	0.407	ug/L	94
34) Trichloroethene	6.537	95	28341	1.186	ug/L	95
35) Methylcyclohexane	6.685	83	24710	0.701	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	11289	0.507	ug/L #	88
45) 1,1,2-Trichloroethane	8.547	97	12950	0.860	ug/L #	1
47) Tetrachloroethene	8.547	164	1414477	84.594	ug/L	97
48) 2-Hexanone	8.676	43	4768	0.633	ug/L #	36
49) Dibromochloromethane	8.547	129	1461204	84.395	ug/L #	11
61) 1,2,3-Trichloropropane	11.804	75	13283	1.156	ug/L #	69

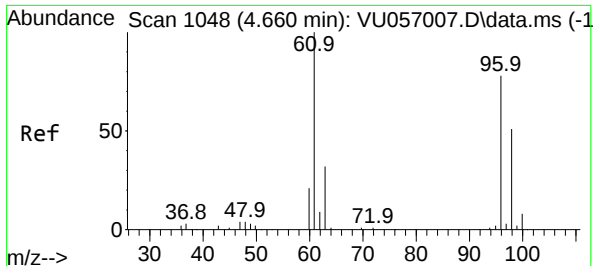
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 19 02:36:03 2023
Response via : Initial Calibration





#22

cis-1,2-Dichloroethene

Concen: 0.204 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.000 min

Lab File: VU057027.D

Acq: 19 Dec 2023 05:44

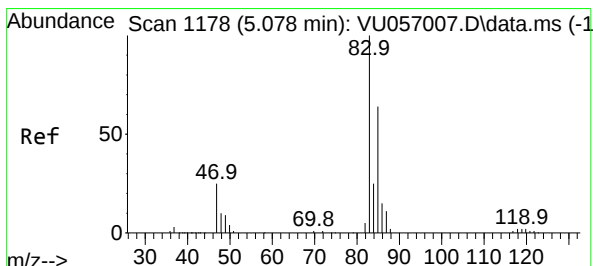
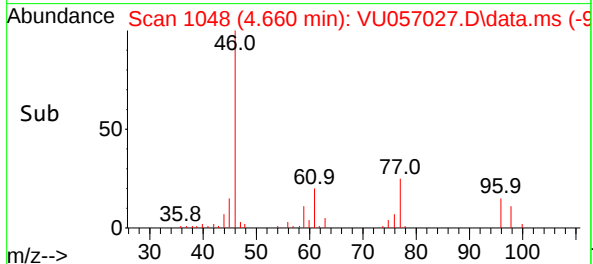
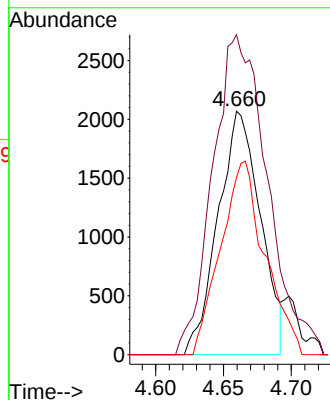
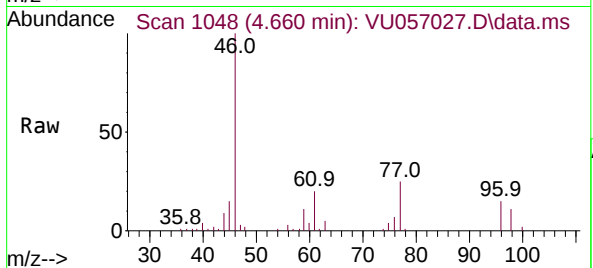
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 4488

Ion	Ratio	Lower	Upper
96	100		
61	131.4	91.3	169.6
98	72.7	44.2	82.0



#25

Chloroform

Concen: 0.407 ug/L

RT: 5.078 min Scan# 1178

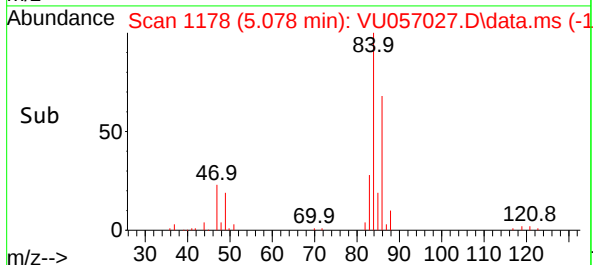
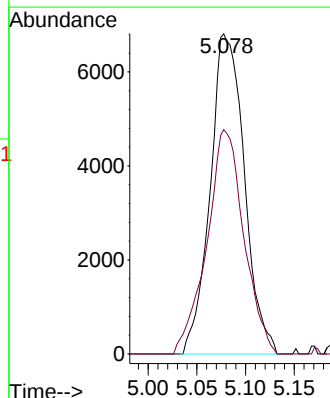
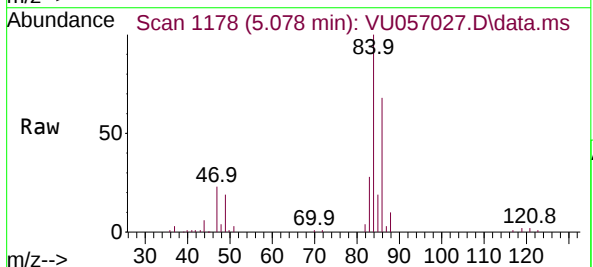
Delta R.T. -0.000 min

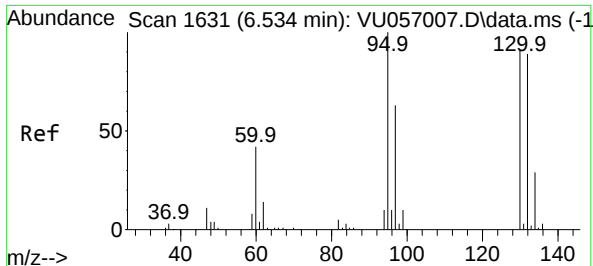
Lab File: VU057027.D

Acq: 19 Dec 2023 05:44

Tgt Ion: 83 Resp: 16601

Ion	Ratio	Lower	Upper
83	100		
85	70.1	45.8	85.0

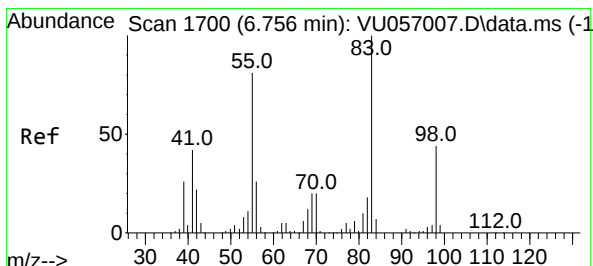
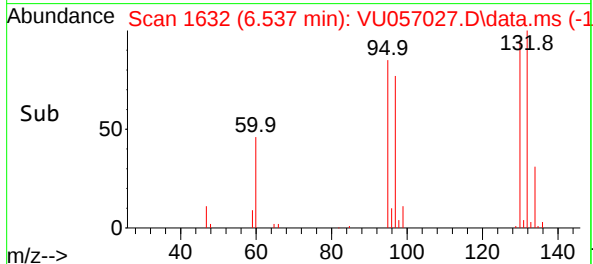
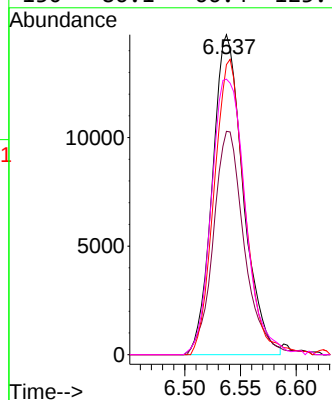
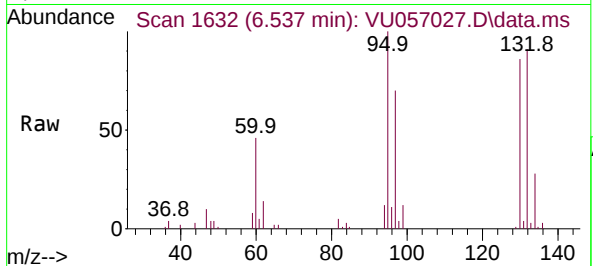




#34
Trichloroethene
Concen: 1.186 ug/L
RT: 6.537 min Scan# 1631
Delta R.T. 0.003 min
Lab File: VU057027.D
Acq: 19 Dec 2023 05:44

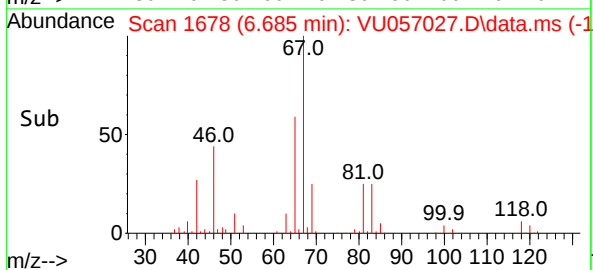
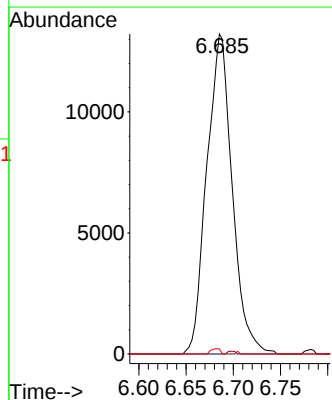
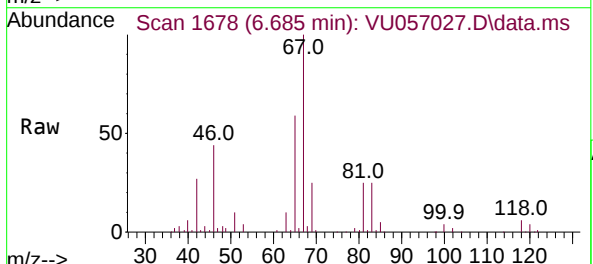
Instrument :
MSVOA_U
ClientSampleId :

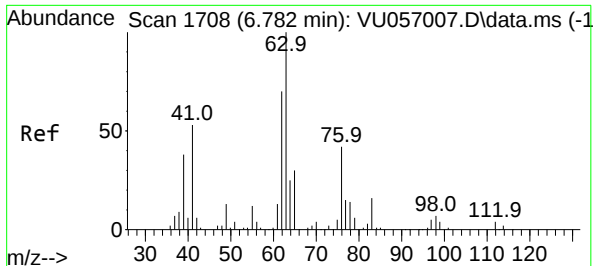
Tgt Ion: 95 Resp: 28341
Ion Ratio Lower Upper
95 100
97 69.8 46.1 85.5
132 90.7 63.6 118.0
130 86.1 66.4 123.4



#35
Methylcyclohexane
Concen: 0.701 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU057027.D
Acq: 19 Dec 2023 05:44

Tgt Ion: 83 Resp: 24710
Ion Ratio Lower Upper
83 100
55 0.3 64.6 97.0#
98 0.6 36.1 54.1#

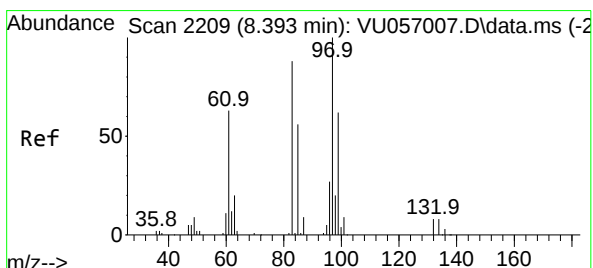
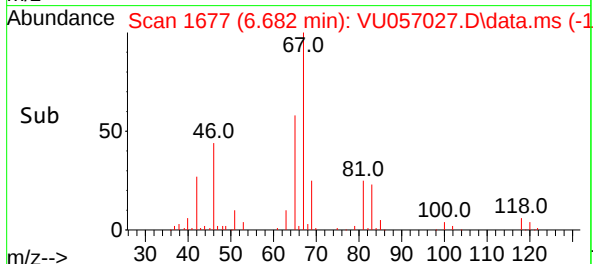
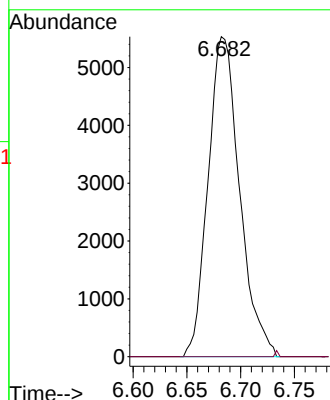
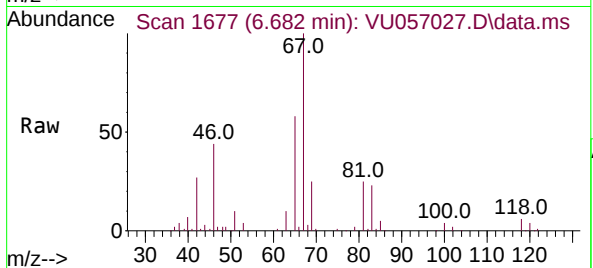




#37
1,2-Dichloropropane
Concen: 0.507 ug/L
RT: 6.682 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU057027.D
Acq: 19 Dec 2023 05:44

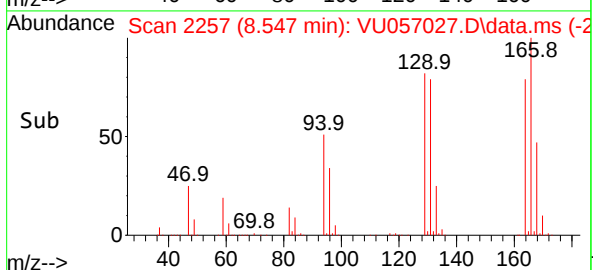
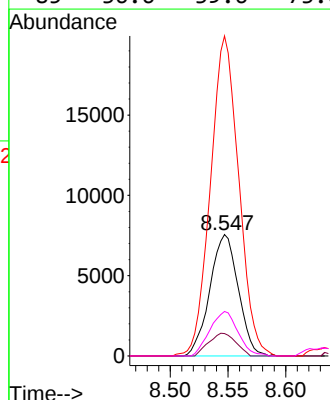
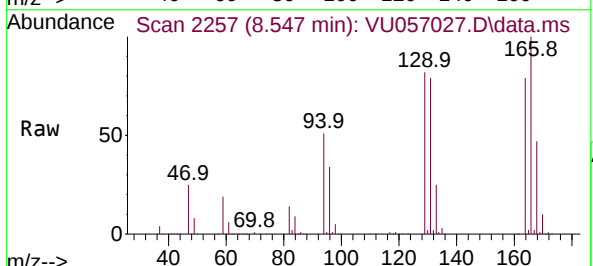
Instrument :
MSVOA_U
ClientSampleId :

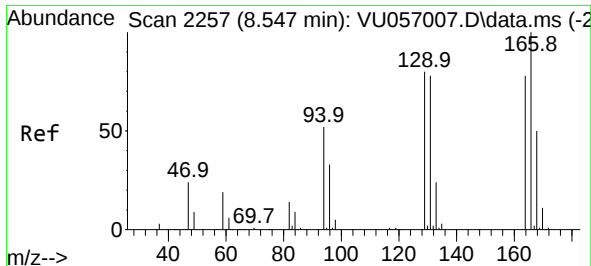
Tgt Ion: 63 Resp: 11289
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#



#45
1,1,2-Trichloroethane
Concen: 0.860 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.154 min
Lab File: VU057027.D
Acq: 19 Dec 2023 05:44

Tgt Ion: 97 Resp: 12950
Ion Ratio Lower Upper
97 100
99 18.5 41.9 77.9#
83 263.4 59.1 109.7#
85 36.6 39.6 73.6#





#47

Tetrachloroethene

Concen: 84.594 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.000 min

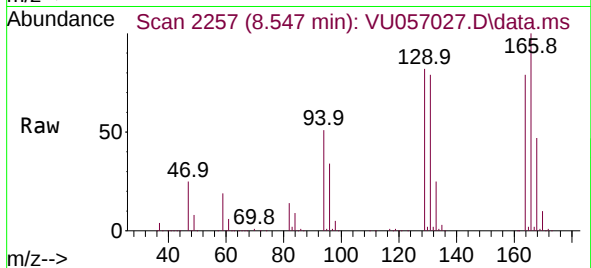
Lab File: VU057027.D

Acq: 19 Dec 2023 05:44

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 1414477

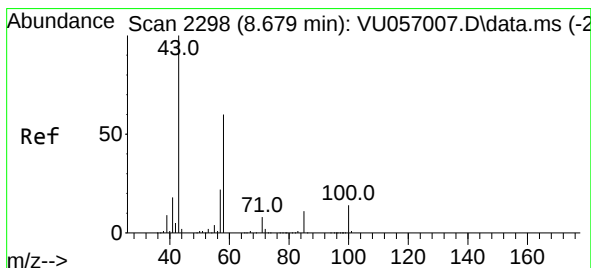
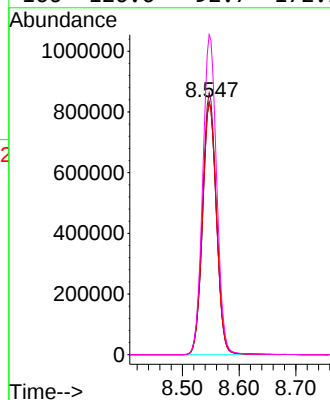
Ion Ratio Lower Upper

164 100

129 103.6 73.4 136.4

131 99.7 71.5 132.9

166 126.6 92.7 172.1



#48

2-Hexanone

Concen: 0.633 ug/L

RT: 8.676 min Scan# 2297

Delta R.T. -0.003 min

Lab File: VU057027.D

Acq: 19 Dec 2023 05:44

Tgt Ion: 43 Resp: 4768

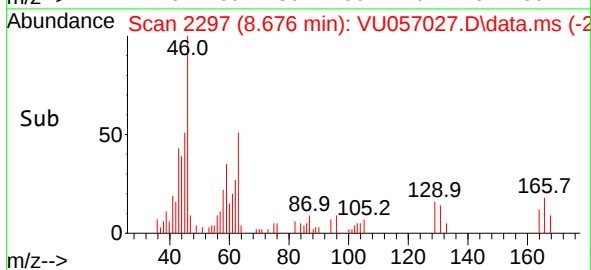
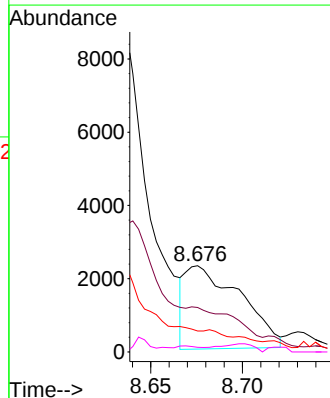
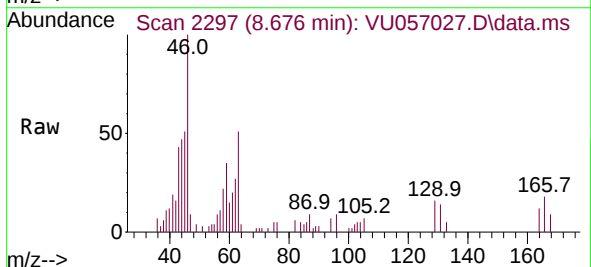
Ion Ratio Lower Upper

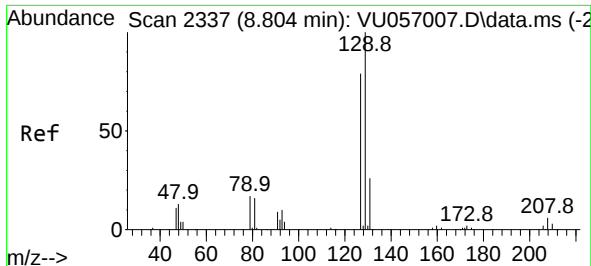
43 100

58 0.0 47.5 71.3#

57 0.0 17.0 25.4#

100 3.0 9.8 14.8#

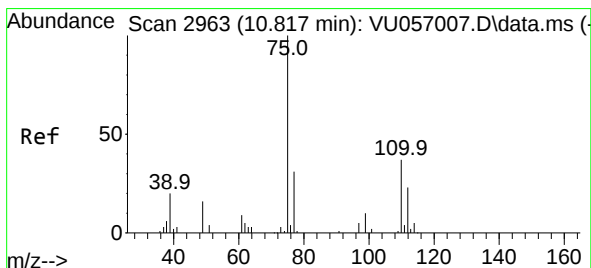
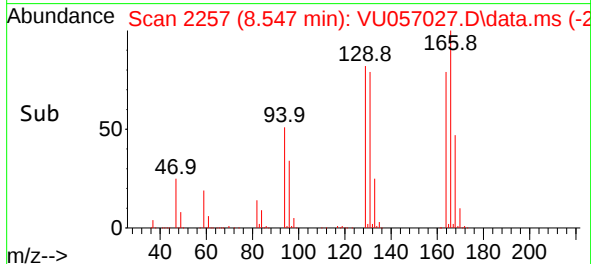
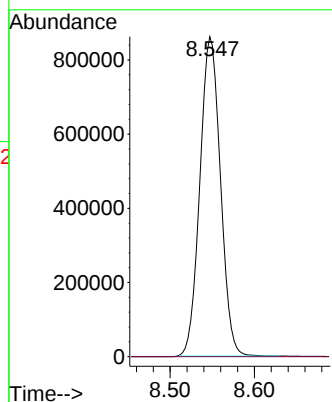
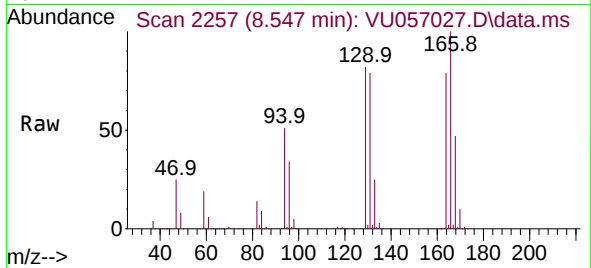




#49
Dibromochloromethane
Concen: 84.395 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU057027.D
Acq: 19 Dec 2023 05:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 1461204
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#



#61
1,2,3-Trichloropropane
Concen: 1.156 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.987 min
Lab File: VU057027.D
Acq: 19 Dec 2023 05:44

Tgt Ion: 75 Resp: 13283
Ion Ratio Lower Upper
75 100
110 2.1 28.4 42.6#
77 30.9 26.3 39.5

