

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122223\
 Data File : VU057202.D
 Acq On : 22 Dec 2023 20:10
 Operator : MD/SY
 Sample : 05894-10DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 22 22:51:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 22 22:46:58 2023
 Response via : Initial Calibration

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

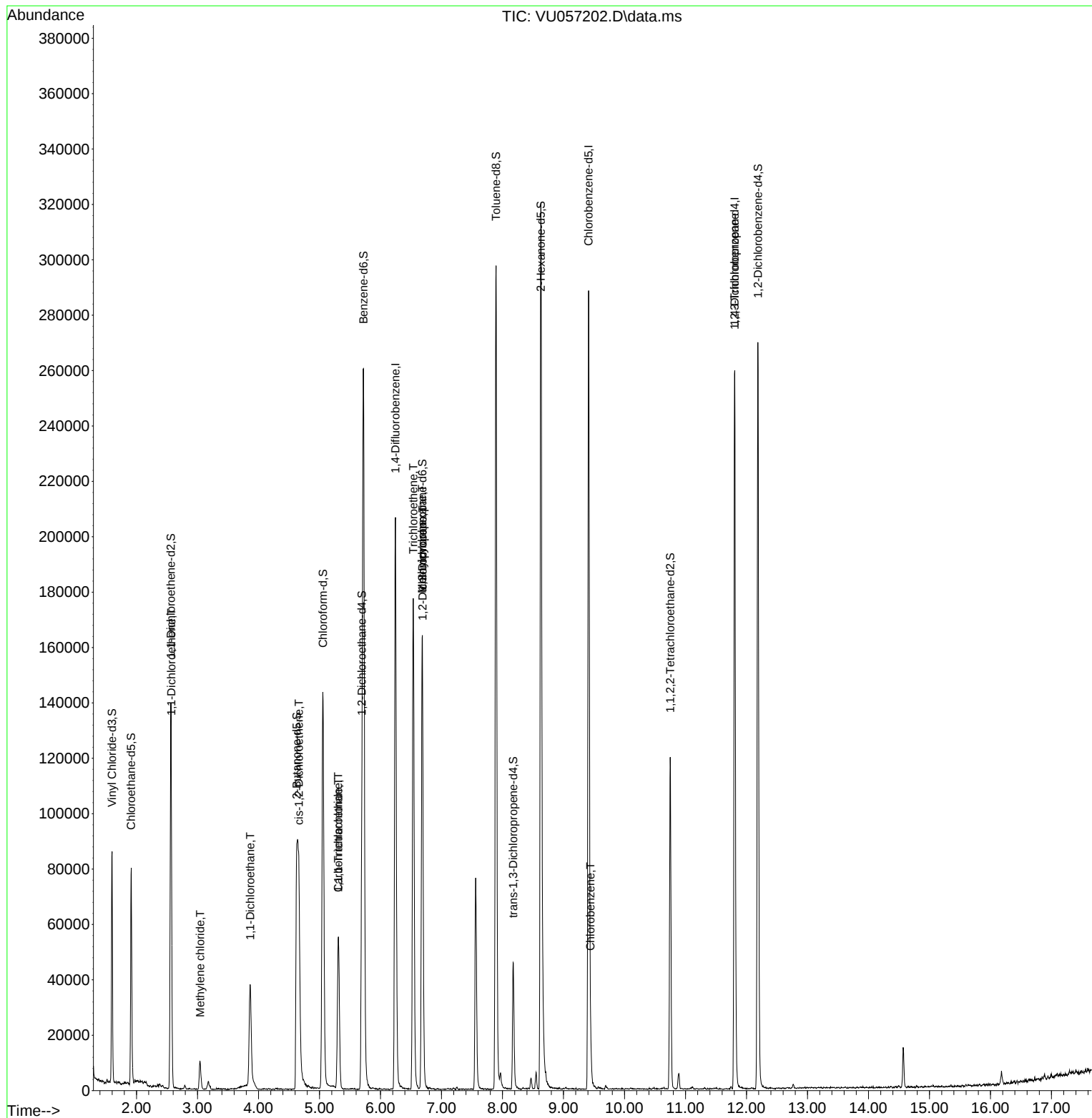
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	164468	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	166423	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	68765	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	59895	3.810	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	76.200%	
7) Chloroethane-d5	1.911	69	56243	4.347	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.000%	
11) 1,1-Dichloroethene-d2	2.563	65	26442	3.882	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.600%	
20) 2-Butanone-d5	4.628	46	140141	56.780	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.560%	
24) Chloroform-d	5.055	84	139769	4.604	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.000%	
26) 1,2-Dichloroethane-d4	5.695	65	71043	4.910	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.200%	
32) Benzene-d6	5.721	84	246612	4.320	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.400%	
36) 1,2-Dichloropropane-d6	6.685	67	77770	4.788	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.800%	
41) Toluene-d8	7.894	98	203275	3.901	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.000%	
43) trans-1,3-Dichloroprop...	8.174	79	28024	4.145	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.800%	
46) 2-Hexanone-d5	8.627	63	111379	48.379	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.760%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	58909	5.097	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.000%	
66) 1,2-Dichlorobenzene-d4	12.187	152	70942	4.794	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.800%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.570	96	1522	0.124	ug/L #	1
16) Methylene chloride	3.042	84	5386	0.377	ug/L	93
19) 1,1-Dichloroethane	3.865	63	41997	1.765	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	29445	2.230	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	41918	1.585	ug/L	99
31) Carbon tetrachloride	5.309	117	5122	0.220	ug/L	100
34) Trichloroethene	6.537	95	65578	4.251	ug/L	98
35) Methylcyclohexane	6.682	83	19256	0.948	ug/L #	19
37) 1,2-Dichloropropane	6.689	63	9238	0.704	ug/L #	88
51) Chlorobenzene	9.441	112	7157	0.197	ug/L	93
61) 1,2,3-Trichloropropane	11.804	75	7846	1.225	ug/L #	65

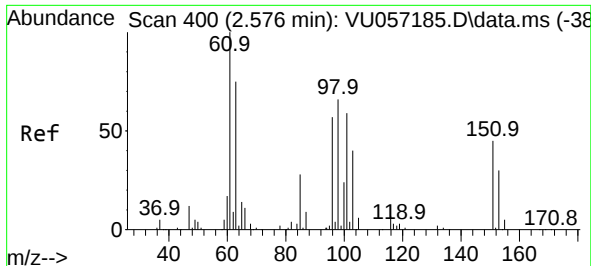
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.124 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.007 min

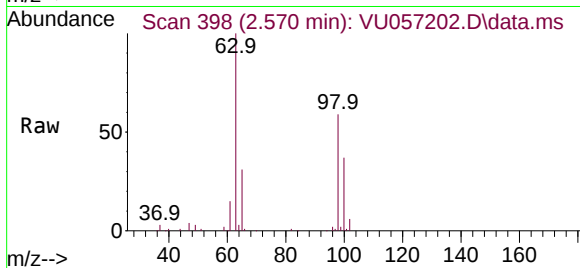
Lab File: VU057202.D

Acq: 22 Dec 2023 20:10

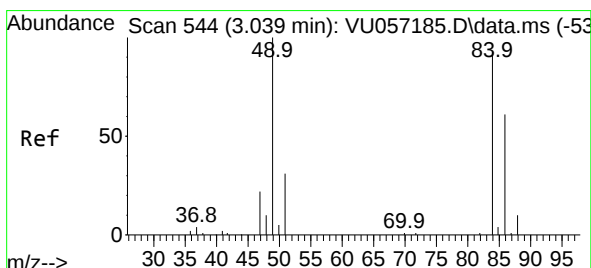
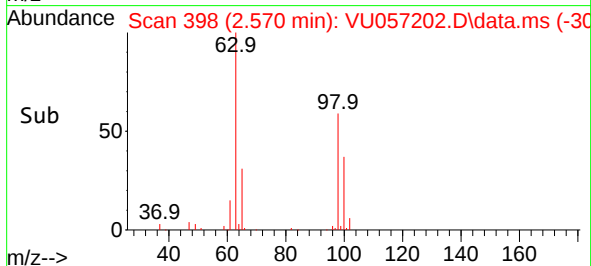
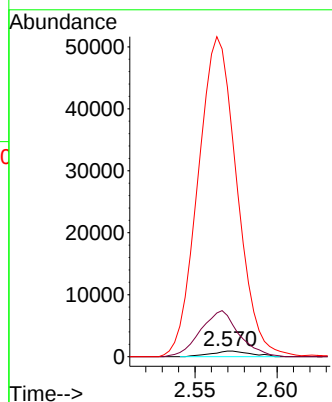
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	96	Resp:	1522
Ion	Ratio	Lower	Upper
96	100		
61	729.8	119.6	222.0#
63	4779.8	96.2	178.8#



#16

Methylene chloride

Concen: 0.377 ug/L

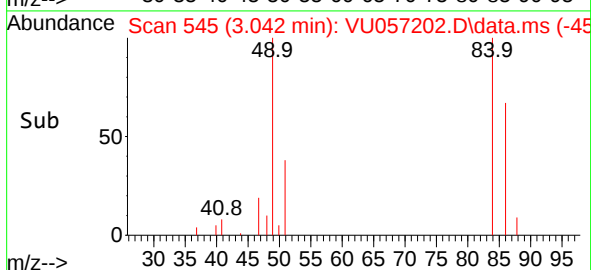
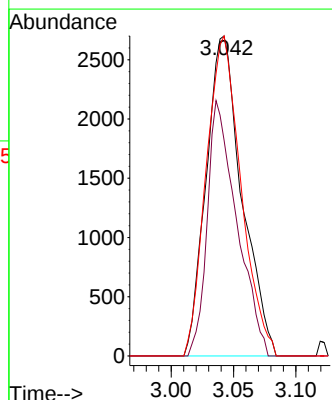
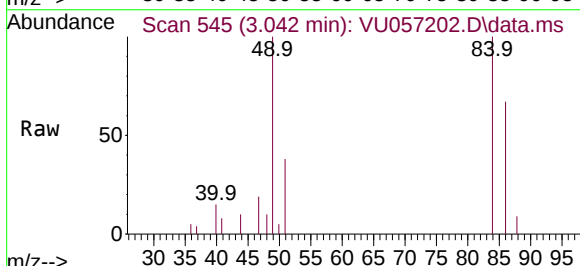
RT: 3.042 min Scan# 545

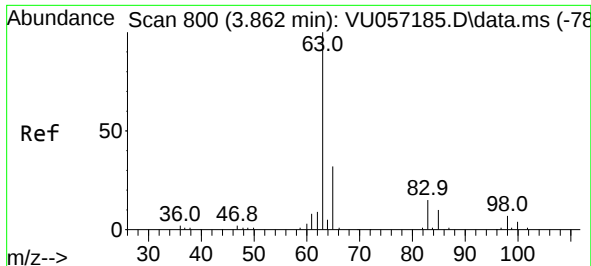
Delta R.T. 0.003 min

Lab File: VU057202.D

Acq: 22 Dec 2023 20:10

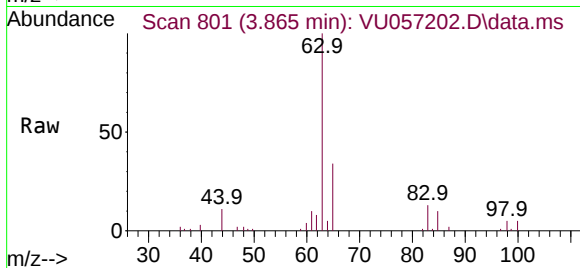
Tgt Ion:	84	Resp:	5386
Ion	Ratio	Lower	Upper
84	100		
86	67.5	44.7	82.9
49	100.0	76.0	141.2



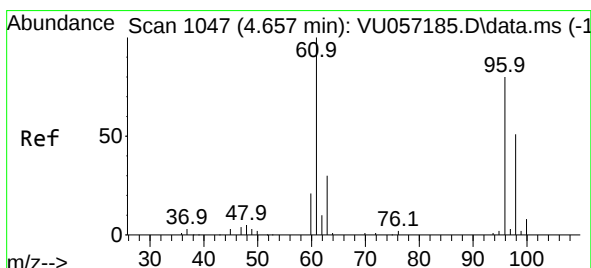
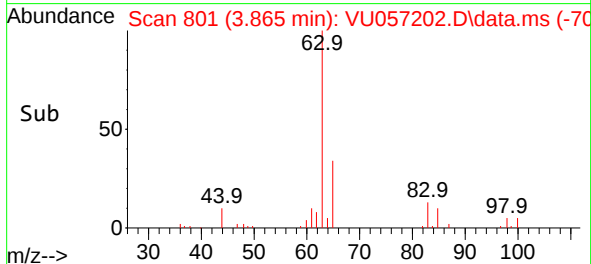
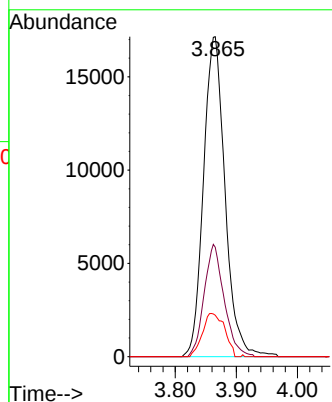


#19
 1,1-Dichloroethane
 Concen: 1.765 ug/L
 RT: 3.865 min Scan# 801
 Delta R.T. 0.003 min
 Lab File: VU057202.D
 Acq: 22 Dec 2023 20:10

Instrument :
 MSVOA_U
 ClientSampleId :

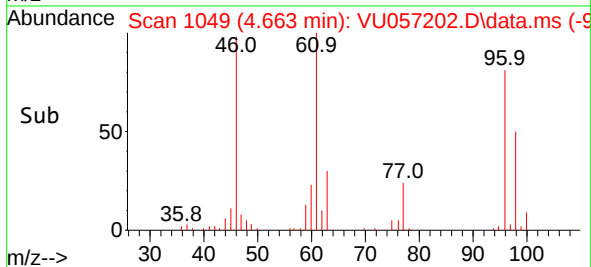
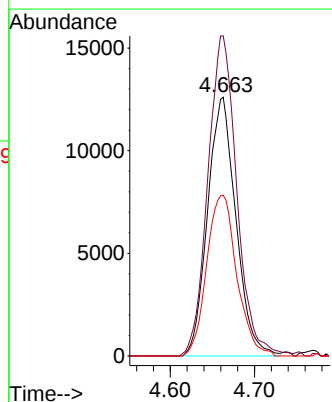
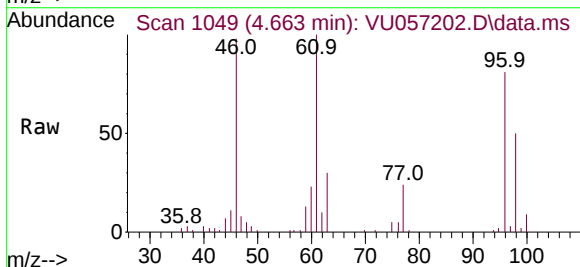


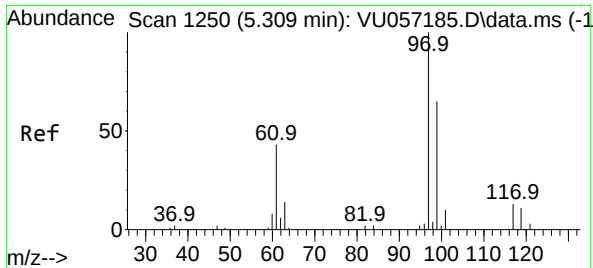
Tgt Ion: 63 Resp: 41997
 Ion Ratio Lower Upper
 63 100
 65 34.2 21.6 40.2
 83 12.9 10.2 19.0



#22
 cis-1,2-Dichloroethene
 Concen: 2.230 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.006 min
 Lab File: VU057202.D
 Acq: 22 Dec 2023 20:10

Tgt Ion: 96 Resp: 29445
 Ion Ratio Lower Upper
 96 100
 61 123.7 86.8 161.2
 98 62.1 45.5 84.5

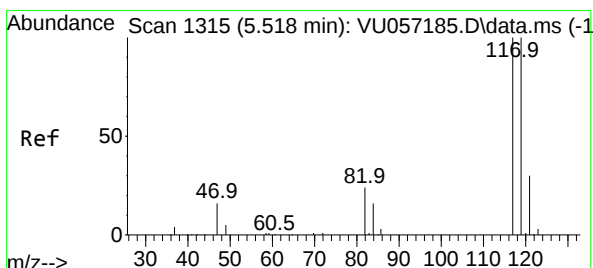
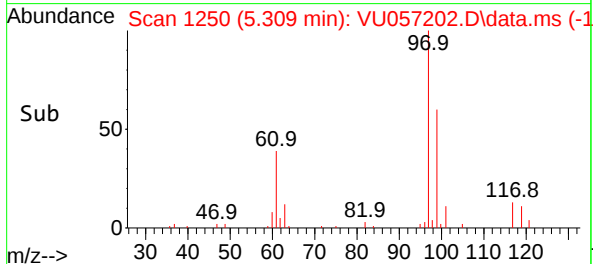
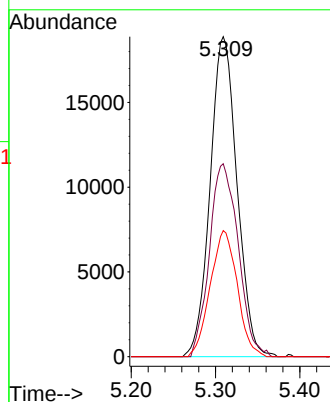
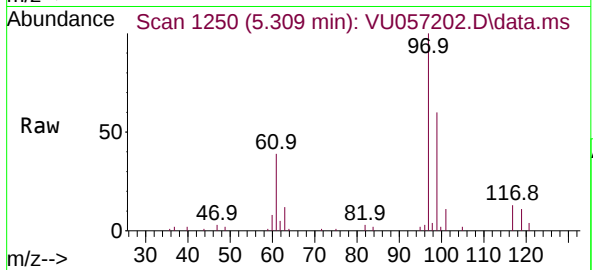




#29
1,1,1-Trichloroethane
Concen: 1.585 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU057202.D
Acq: 22 Dec 2023 20:10

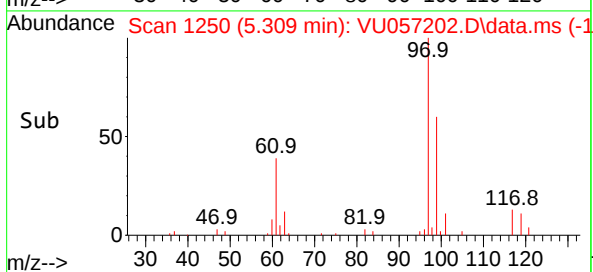
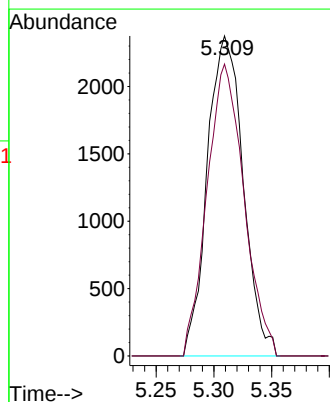
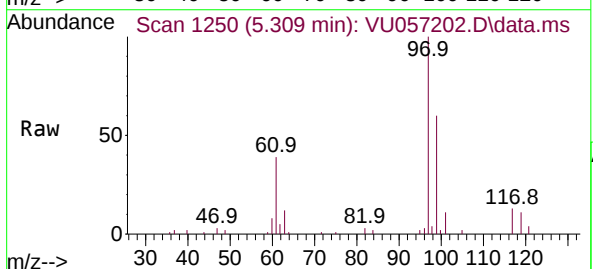
Instrument :
MSVOA_U
ClientSampleId :

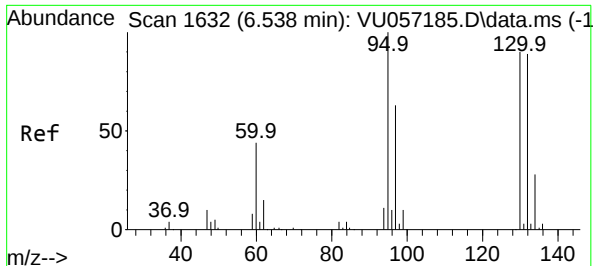
Tgt Ion: 97 Resp: 41918
Ion Ratio Lower Upper
97 100
99 64.4 51.2 76.8
61 39.6 32.5 48.7



#31
Carbon tetrachloride
Concen: 0.220 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.209 min
Lab File: VU057202.D
Acq: 22 Dec 2023 20:10

Tgt Ion: 117 Resp: 5122
Ion Ratio Lower Upper
117 100
119 93.8 75.1 112.7

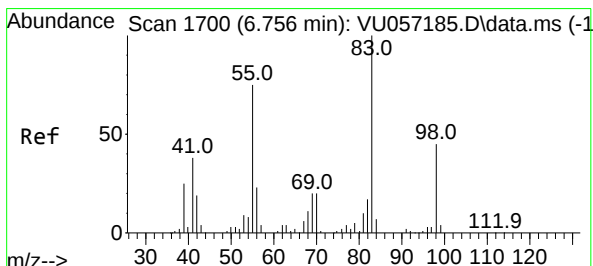
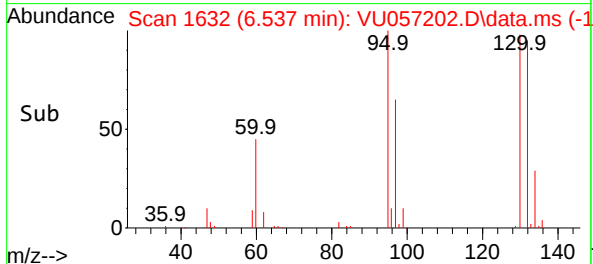
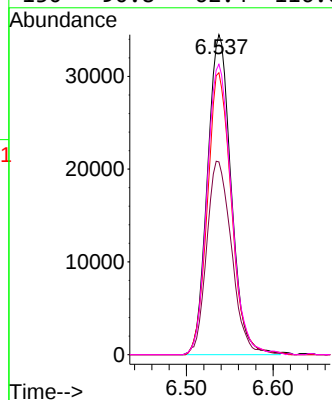
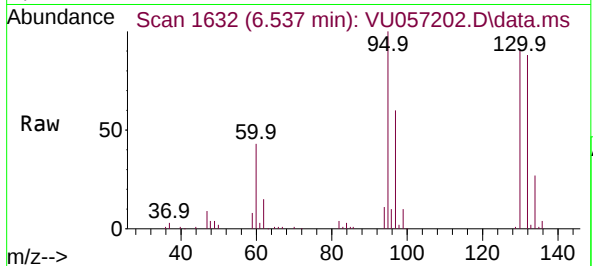




#34
Trichloroethene
Concen: 4.251 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU057202.D
Acq: 22 Dec 2023 20:10

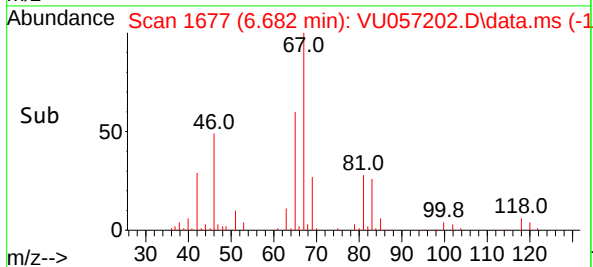
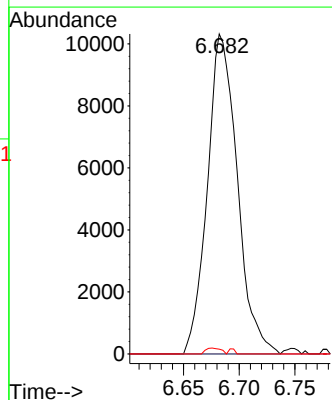
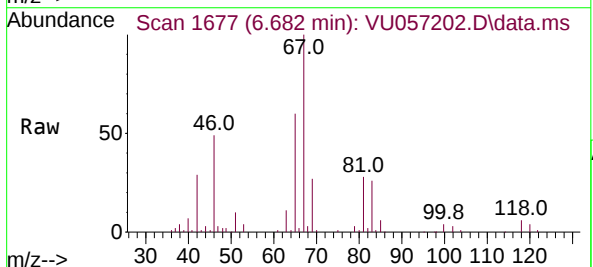
Instrument :
MSVOA_U
ClientSampleId :

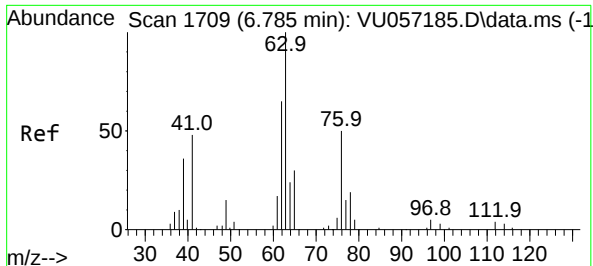
Tgt Ion: 95 Resp: 65578
Ion Ratio Lower Upper
95 100
97 60.3 44.3 82.3
132 88.1 62.6 116.2
130 90.8 62.4 116.0



#35
Methylcyclohexane
Concen: 0.948 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU057202.D
Acq: 22 Dec 2023 20:10

Tgt Ion: 83 Resp: 19256
Ion Ratio Lower Upper
83 100
55 0.0 61.3 91.9#
98 0.9 36.6 55.0#

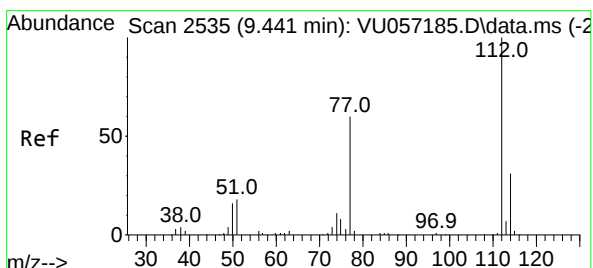
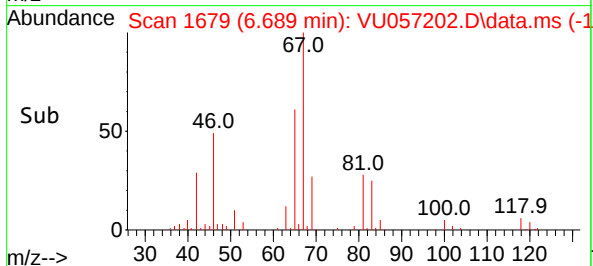
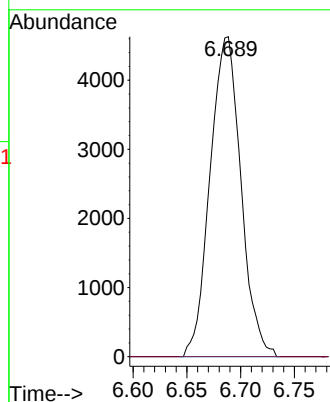
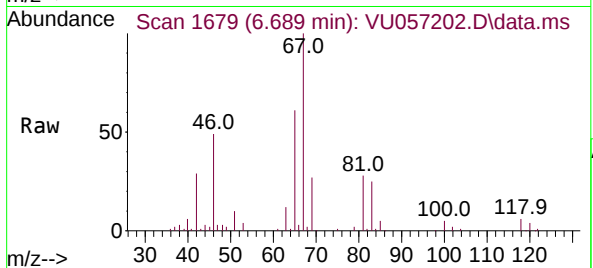




#37
1,2-Dichloropropane
Concen: 0.704 ug/L
RT: 6.689 min Scan# 11
Delta R.T. -0.097 min
Lab File: VU057202.D
Acq: 22 Dec 2023 20:10

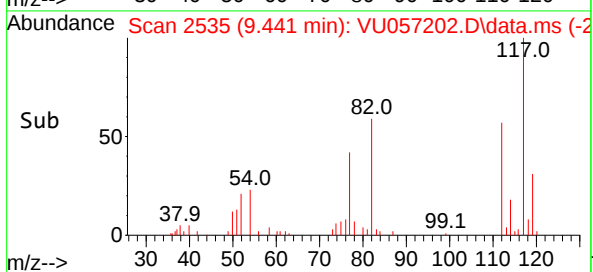
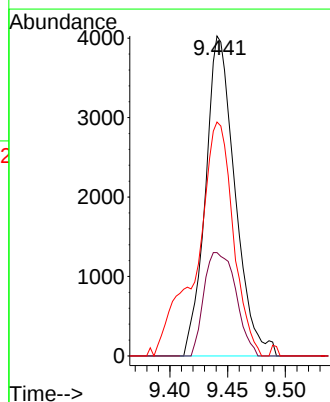
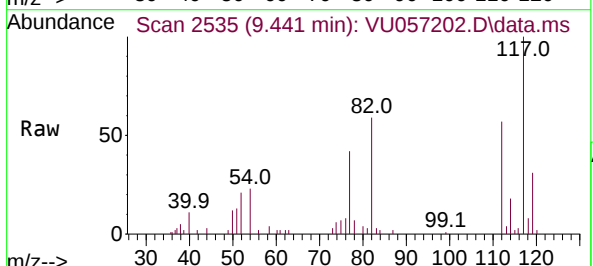
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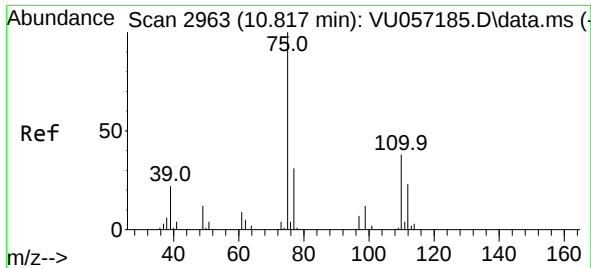
Tgt Ion: 63 Resp: 9238
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#51
Chlorobenzene
Concen: 0.197 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU057202.D
Acq: 22 Dec 2023 20:10

Tgt Ion: 112 Resp: 7157
Ion Ratio Lower Upper
112 100
114 32.3 22.7 42.1
77 73.1 52.2 78.2





#61

1,2,3-Trichloropropane

Concen: 1.225 ug/L

RT: 11.804 min Scan# 31

Delta R.T. 0.987 min

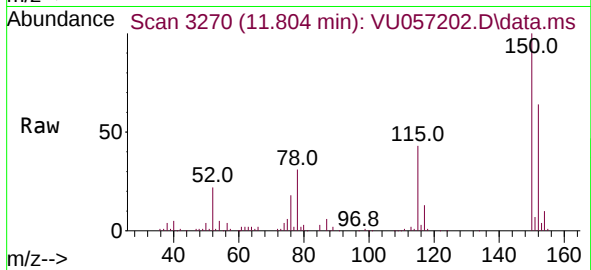
Lab File: VU057202.D

Acq: 22 Dec 2023 20:10

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 7846

Ion Ratio Lower Upper

75 100

110 2.5 31.2 46.8#

77 34.6 25.5 38.3

