

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112123\
 Data File : VU056565.D
 Acq On : 21 Nov 2023 21:36
 Operator : MD/SY
 Sample : 05441-15DL 10X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 22 00:59:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 22 00:29:26 2023
 Response via : Initial Calibration

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

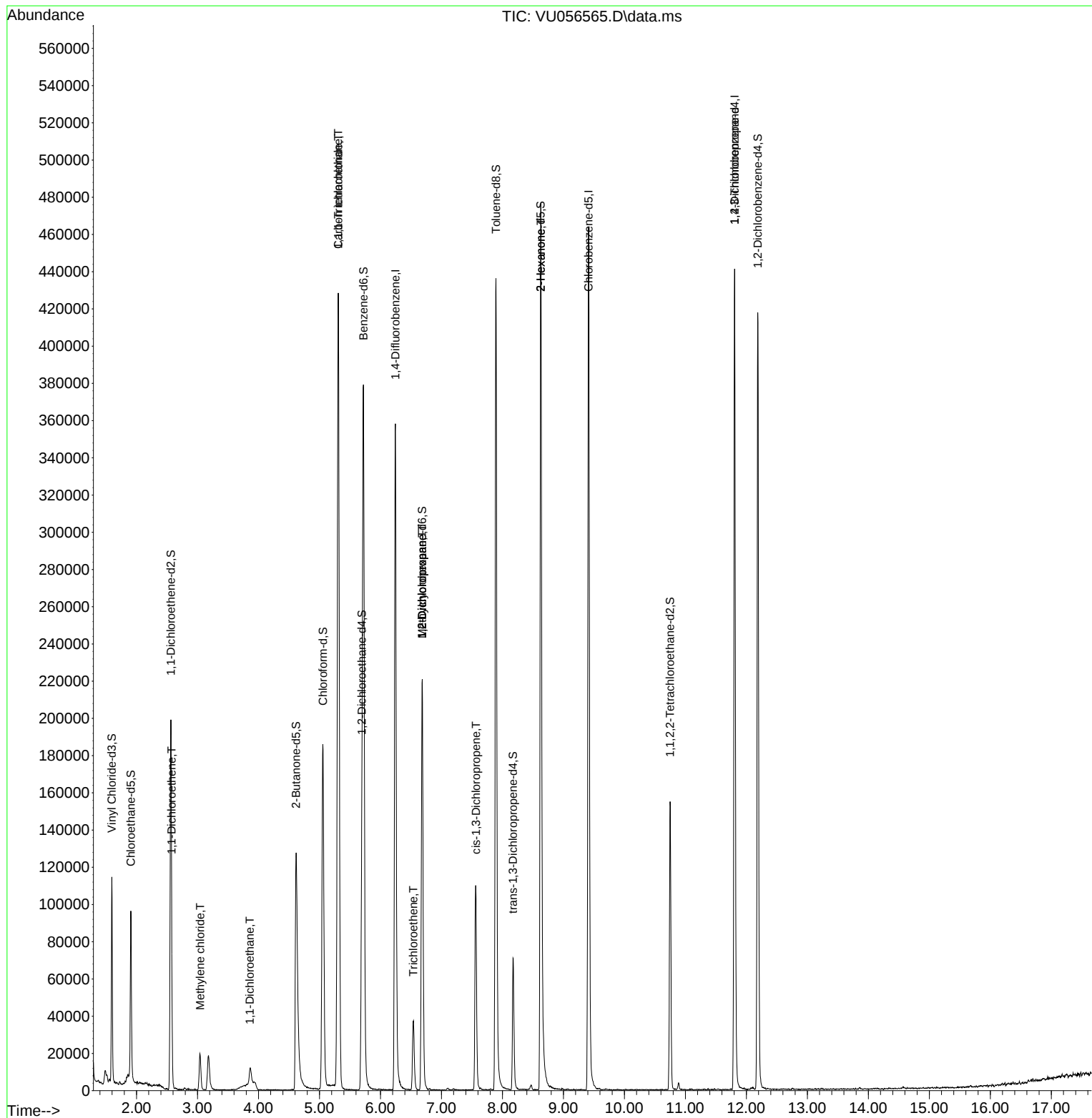
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	294310	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	277495	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	118103	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	75517	3.430	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.600%
7) Chloroethane-d5	1.907	69	67116	3.976	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.563	65	37308	3.840	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.800%
20) 2-Butanone-d5	4.618	46	195705	44.585	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.160%
24) Chloroform-d	5.058	84	178361	4.189	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
26) 1,2-Dichloroethane-d4	5.695	65	93719	4.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.721	84	364828	4.413	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.682	67	110476	4.434	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.894	98	311217	4.263	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	8.174	79	43303	4.531	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.627	63	165996	44.200	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.400%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	79579	4.469	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	110887	5.082	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	6079	0.337	ug/L #	1
16) Methylene chloride	3.042	84	10213	0.428	ug/L	89
19) 1,1-Dichloroethane	3.859	63	10444	0.284	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	320319	10.056	ug/L	99
31) Carbon tetrachloride	5.309	117	38522	1.408	ug/L	98
34) Trichloroethene	6.541	95	14169	0.657	ug/L	94
35) Methylcyclohexane	6.682	83	25404	0.816	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	11227	0.544	ug/L #	88
39) cis-1,3-Dichloropropene	7.566	75	3356	0.111	ug/L	84
48) 2-Hexanone	8.631	43	20264	2.541	ug/L #	71
61) 1,2,3-Trichloropropane	11.807	75	14362	1.417	ug/L #	67

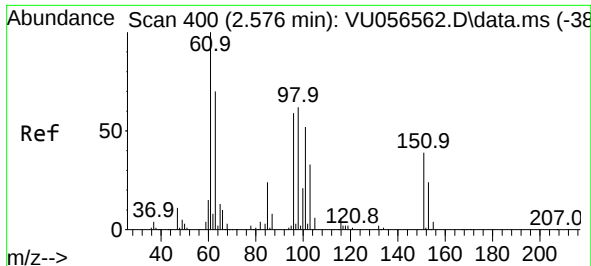
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112123\
Data File : VU056565.D
Acq On : 21 Nov 2023 21:36
Operator : MD/SY
Sample : 05441-15DL 10X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 22 00:59:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 22 00:29:26 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.337 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

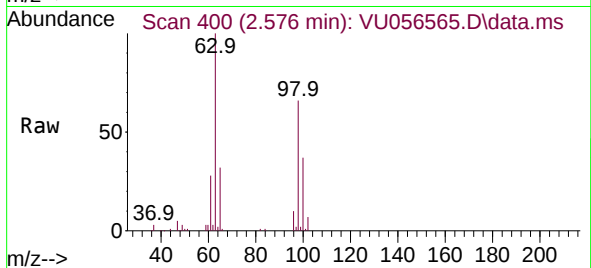
Lab File: VU056565.D

Acq: 21 Nov 2023 21:36

Instrument :

MSVOA_U

ClientSampleId :



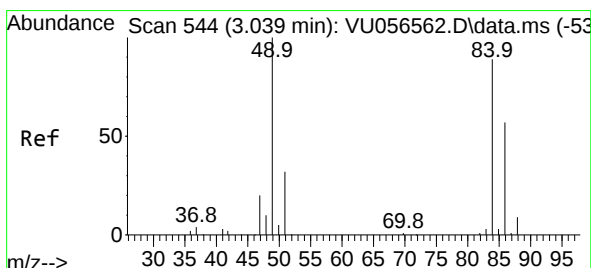
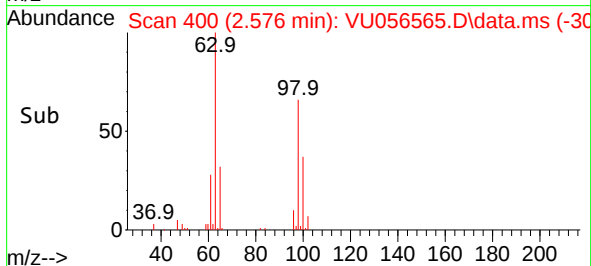
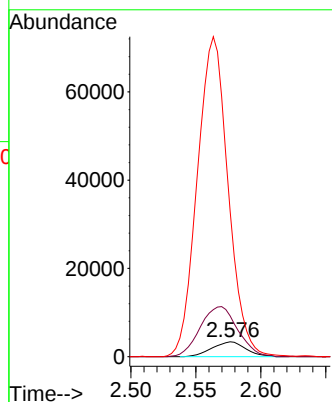
Tgt Ion: 96 Resp: 6079

Ion Ratio Lower Upper

96 100

61 273.9 123.1 228.7#

63 980.1 93.3 173.3#



#16

Methylene chloride

Concen: 0.428 ug/L

RT: 3.042 min Scan# 545

Delta R.T. 0.003 min

Lab File: VU056565.D

Acq: 21 Nov 2023 21:36

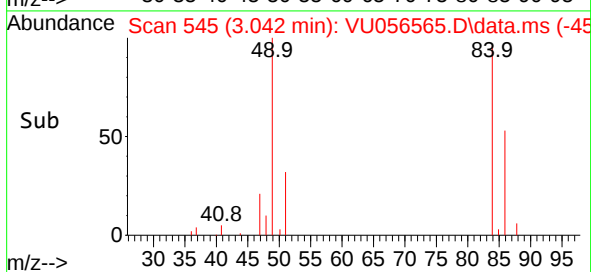
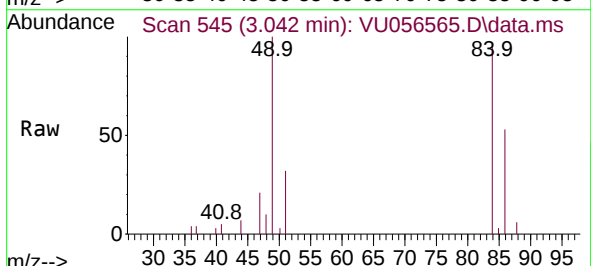
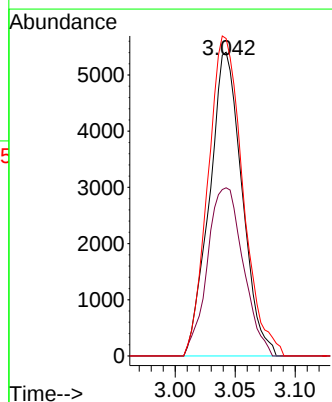
Tgt Ion: 84 Resp: 10213

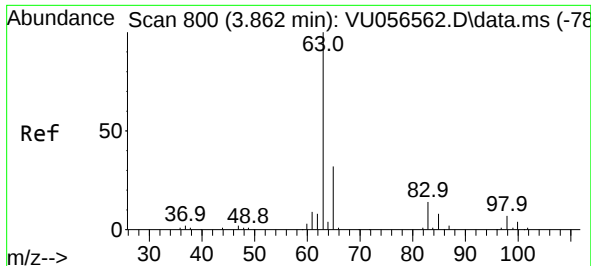
Ion Ratio Lower Upper

84 100

86 55.4 44.7 83.1

49 104.6 81.8 152.0





#19

1,1-Dichloroethane

Concen: 0.284 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.003 min

Lab File: VU056565.D

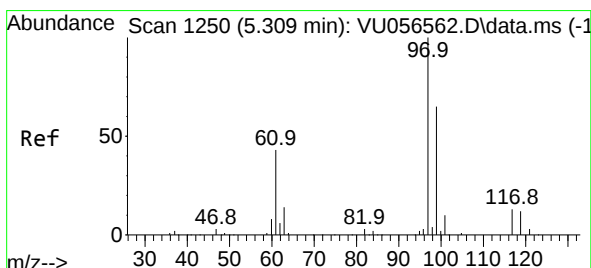
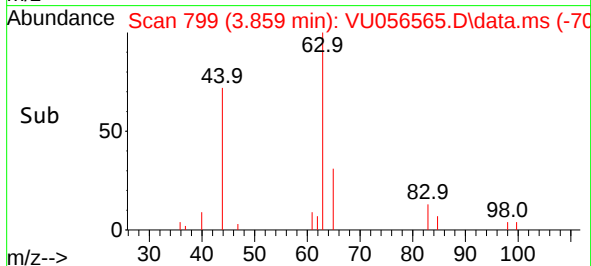
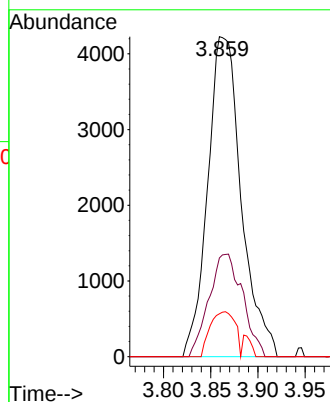
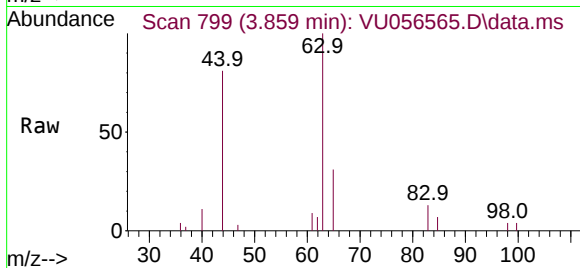
Acq: 21 Nov 2023 21:36

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 10444		
Ion Ratio	Lower	Upper	
63	100		
65	30.9	21.8	40.6
83	13.4	9.7	17.9



#29

1,1,1-Trichloroethane

Concen: 10.056 ug/L

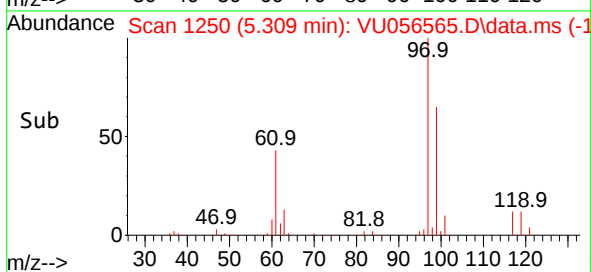
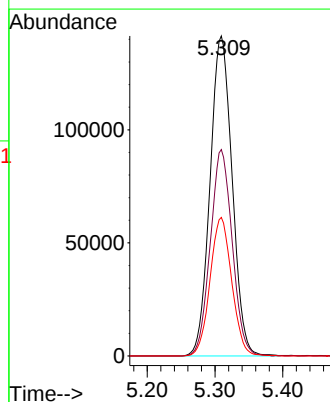
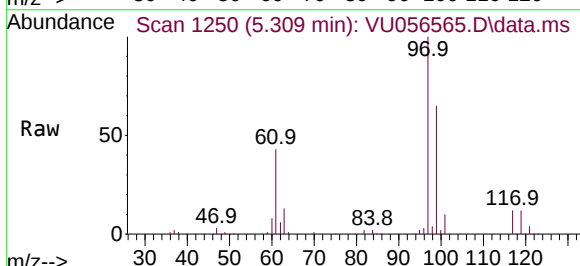
RT: 5.309 min Scan# 1250

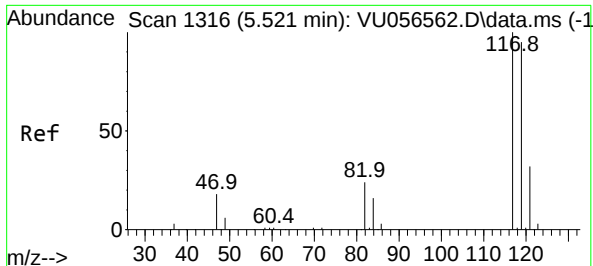
Delta R.T. -0.000 min

Lab File: VU056565.D

Acq: 21 Nov 2023 21:36

Tgt Ion: 97	Resp: 320319		
Ion Ratio	Lower	Upper	
97 100			
99 64.1	51.6	77.4	
61 42.5	34.3	51.5	

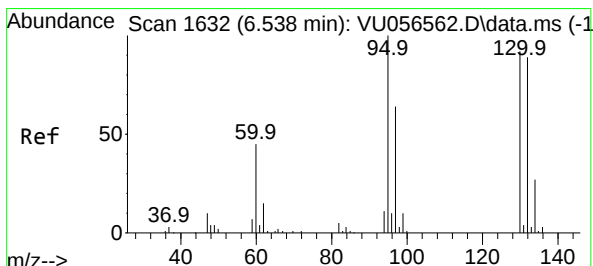
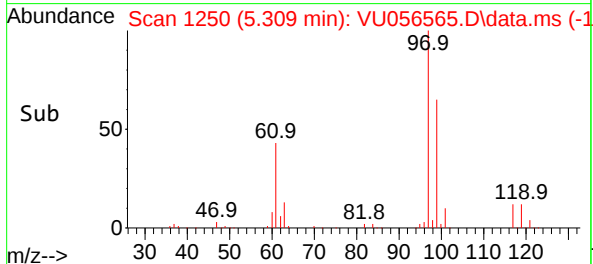
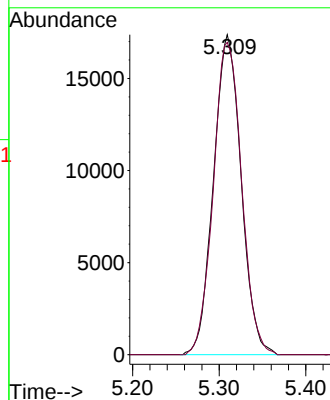
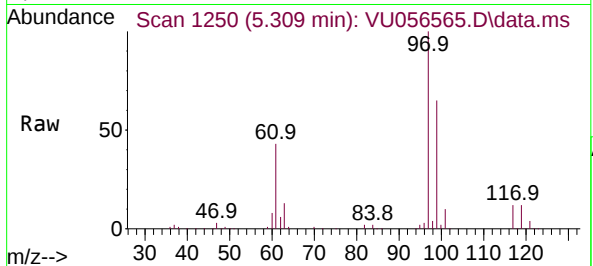




#31
Carbon tetrachloride
Concen: 1.408 ug/L
RT: 5.309 min Scan# 117
Delta R.T. -0.212 min
Lab File: VU056565.D
Acq: 21 Nov 2023 21:36

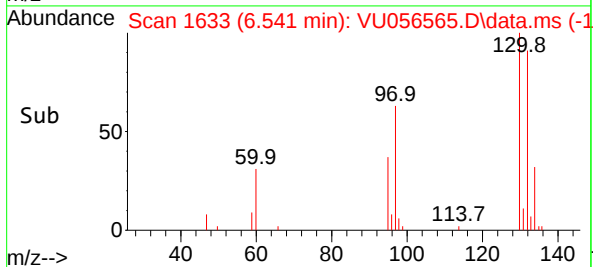
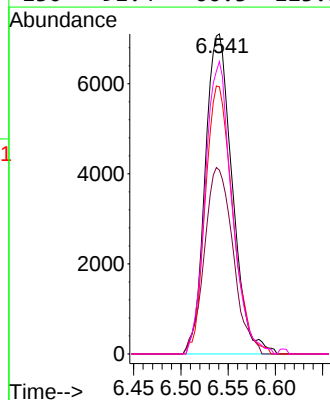
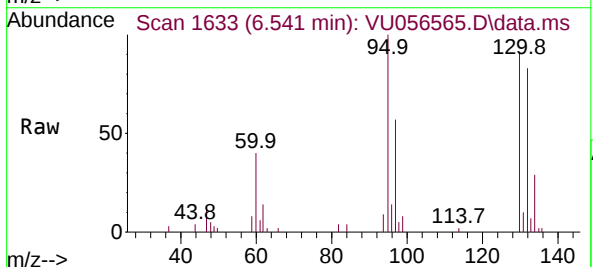
Instrument :
MSVOA_U
ClientSampleId :

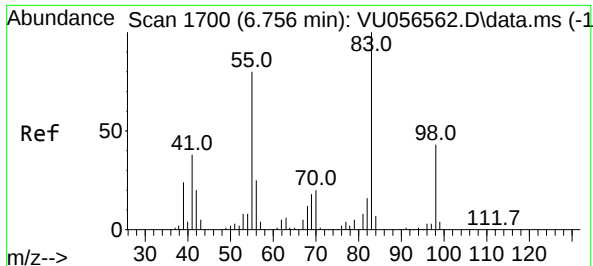
Tgt Ion:117 Resp: 38522
Ion Ratio Lower Upper
117 100
119 100.0 78.1 117.1



#34
Trichloroethene
Concen: 0.657 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU056565.D
Acq: 21 Nov 2023 21:36

Tgt Ion: 95 Resp: 14169
Ion Ratio Lower Upper
95 100
97 57.5 46.5 86.3
132 83.5 62.0 115.2
130 91.4 66.3 123.1





#35

Methylcyclohexane

Concen: 0.816 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU056565.D

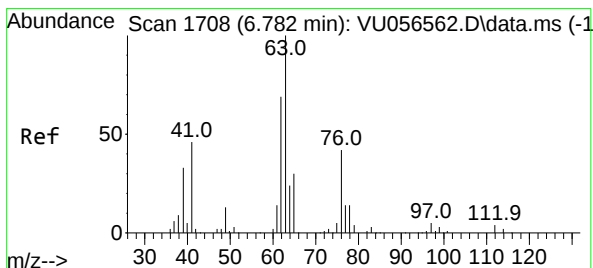
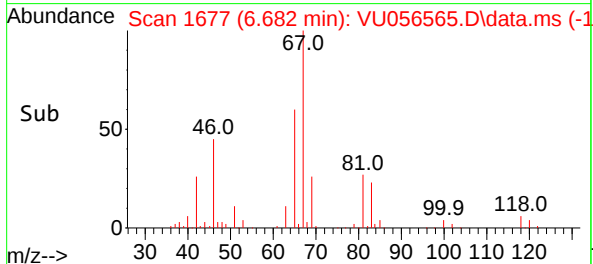
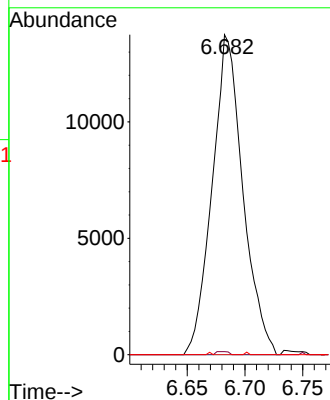
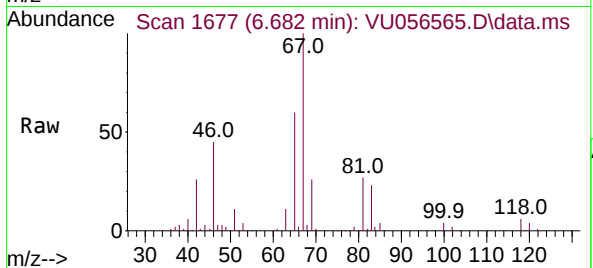
Acq: 21 Nov 2023 21:36

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 25404
Ion Ratio	Lower Upper
83 100	
55 0.4	62.9 94.3#
98 2.1	35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.544 ug/L

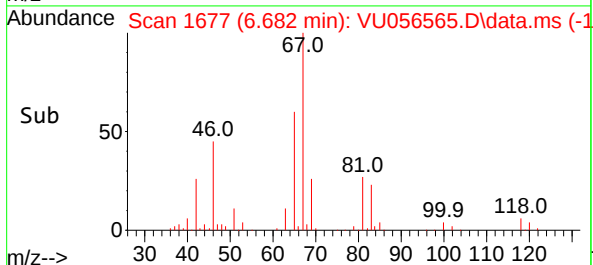
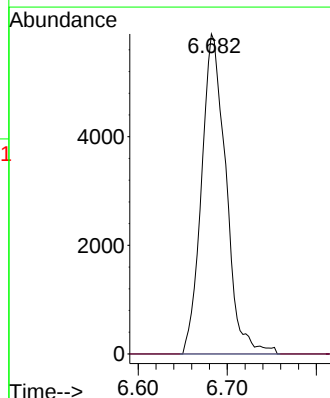
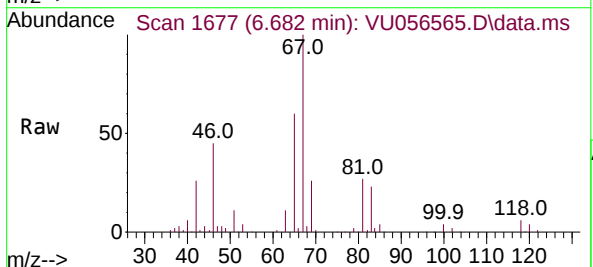
RT: 6.682 min Scan# 1677

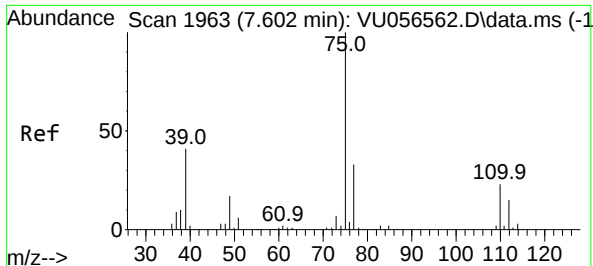
Delta R.T. -0.100 min

Lab File: VU056565.D

Acq: 21 Nov 2023 21:36

Tgt Ion: 63	Resp: 11227
Ion Ratio	Lower Upper
63 100	
112 0.0	3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 7.566 min Scan# 1963

Delta R.T. -0.035 min

Lab File: VU056565.D

Acq: 21 Nov 2023 21:36

Instrument :

MSVOA_U

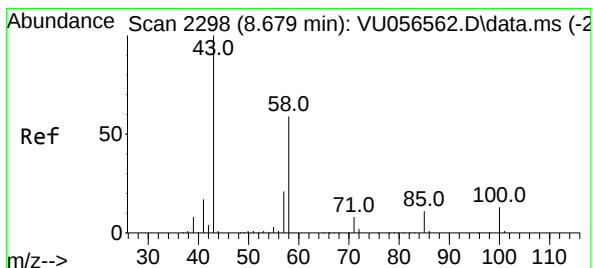
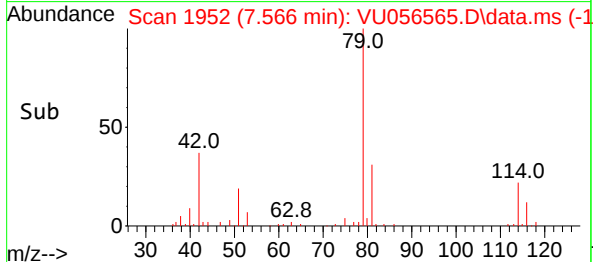
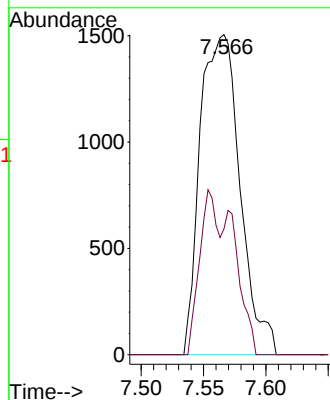
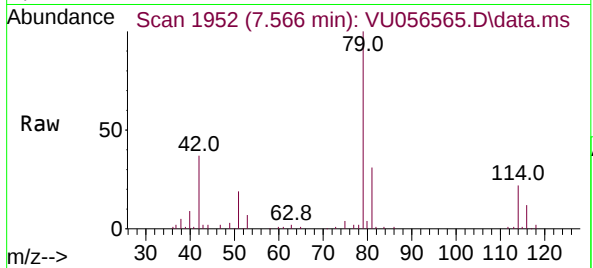
ClientSampleId :

Tgt Ion: 75 Resp: 3356

Ion Ratio Lower Upper

75 100

77 39.4 21.5 39.9



#48

2-Hexanone

Concen: 2.541 ug/L

RT: 8.631 min Scan# 2283

Delta R.T. -0.048 min

Lab File: VU056565.D

Acq: 21 Nov 2023 21:36

Tgt Ion: 43 Resp: 20264

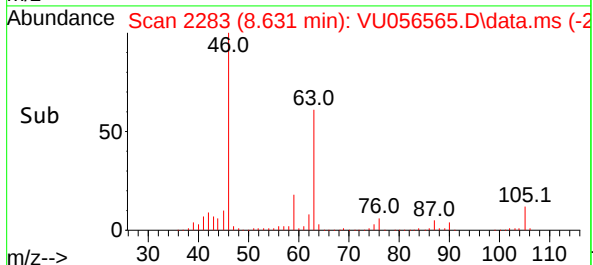
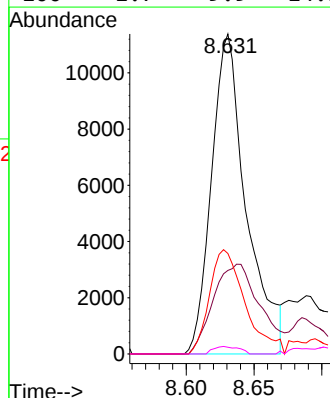
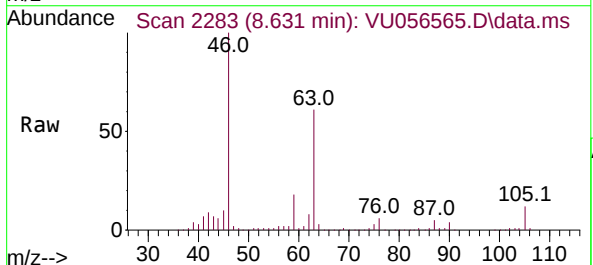
Ion Ratio Lower Upper

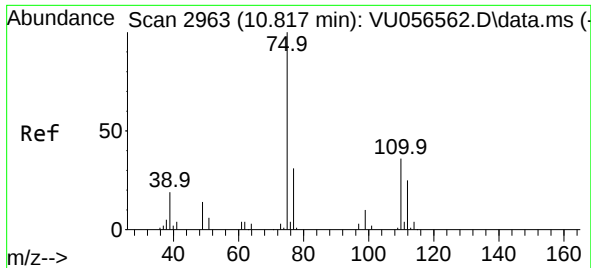
43 100

58 38.0 48.7 73.1#

57 33.4 16.8 25.2#

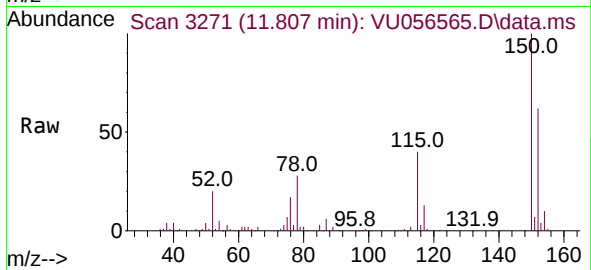
100 1.7 9.9 14.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.417 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056565.D
 Acq: 21 Nov 2023 21:36

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 14362
 Ion Ratio Lower Upper
 75 100
 110 2.5 30.4 45.6#
 77 32.0 27.0 40.6

