

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
 Data File : VU057322.D
 Acq On : 28 Dec 2023 09:35
 Operator : MD/SY
 Sample : 06021-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 28 20:47:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 05:49:04 2023
 Response via : Initial Calibration

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

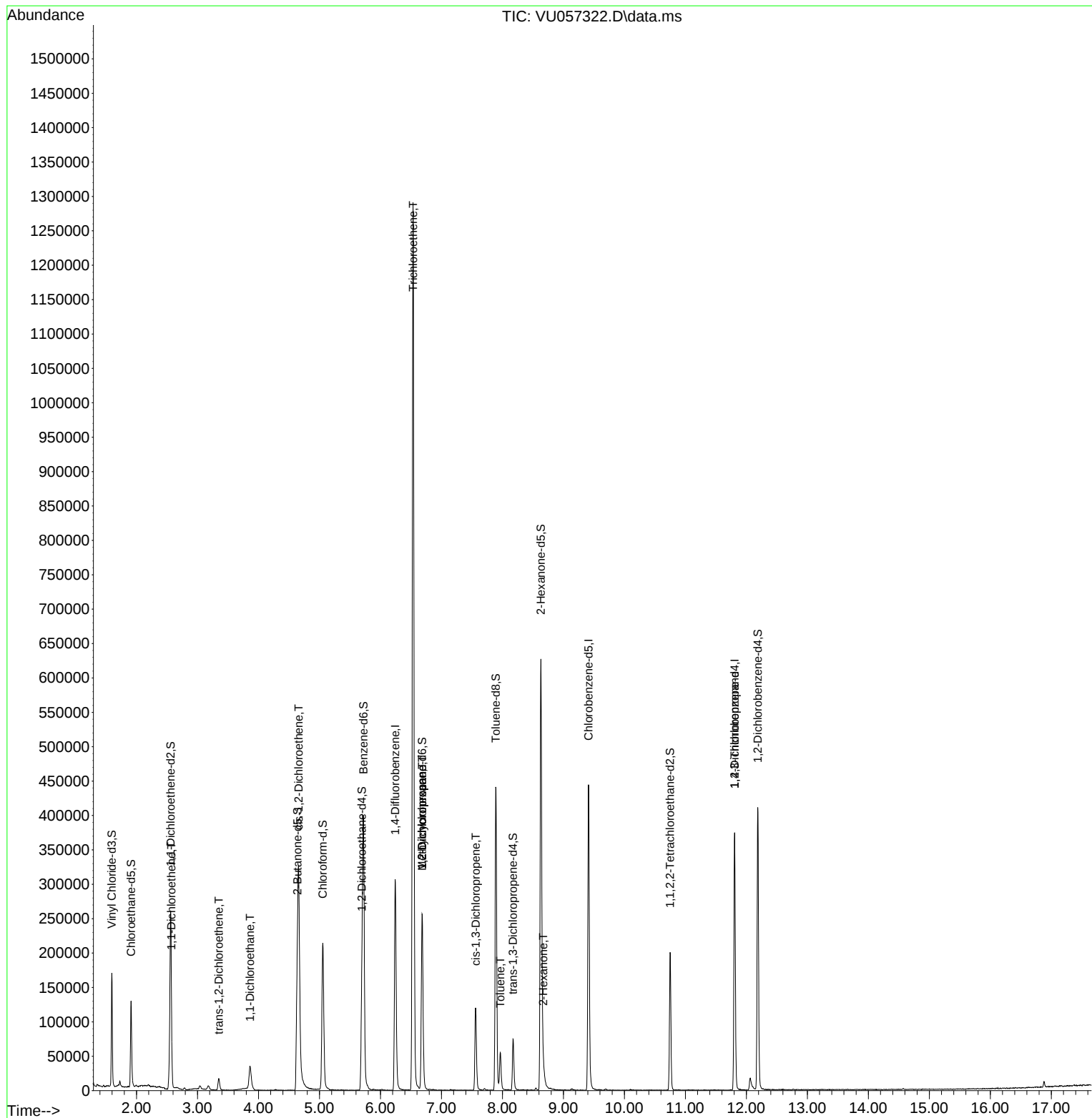
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	245286	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	247399	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	98672	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	112715	5.345	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 107.000%		
7) Chloroethane-d5	1.911	69	96424	5.693	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 113.800%		
11) 1,1-Dichloroethene-d2	2.560	65	46139	5.497	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 110.000%		
20) 2-Butanone-d5	4.637	46	282589	59.169	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 118.340%		
24) Chloroform-d	5.055	84	200264	5.341	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.800%		
26) 1,2-Dichloroethane-d4	5.695	65	108461	5.660	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 113.200%		
32) Benzene-d6	5.721	84	374551	5.311	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.200%		
36) 1,2-Dichloropropane-d6	6.682	67	123909	5.607	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 112.200%		
41) Toluene-d8	7.891	98	296611	4.875	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 97.600%		
43) trans-1,3-Dichloroprop...	8.174	79	44276	4.993	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 99.800%		
46) 2-Hexanone-d5	8.631	63	217696	54.207	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 108.420%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	101401	5.464	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 109.200%		
66) 1,2-Dichlorobenzene-d4	12.187	152	106475	5.926	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 118.600%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	3600	0.225	ug/L #	1
18) trans-1,2-Dichloroethene	3.351	96	7409	0.466	ug/L	89
19) 1,1-Dichloroethane	3.862	63	37491	1.121	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	123131	6.696	ug/L	97
34) Trichloroethene	6.534	95	463052	24.381	ug/L	98
35) Methylcyclohexane	6.685	83	29436	1.187	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	13162	0.664	ug/L #	89
39) cis-1,3-Dichloropropene	7.563	75	3137	0.116	ug/L #	68
42) Toluene	7.965	91	40883	0.533	ug/L	96
48) 2-Hexanone	8.669	43	6471	0.869	ug/L #	35
61) 1,2,3-Trichloropropane	11.807	75	12900	1.252	ug/L #	69

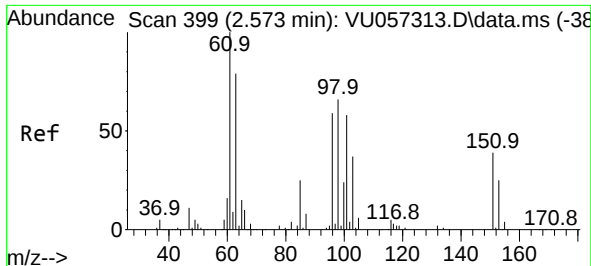
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.225 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.000 min

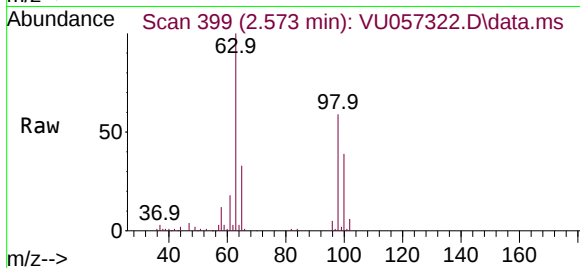
Lab File: VU057322.D

Acq: 28 Dec 2023 09:35

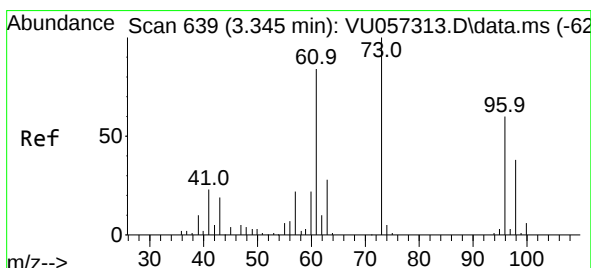
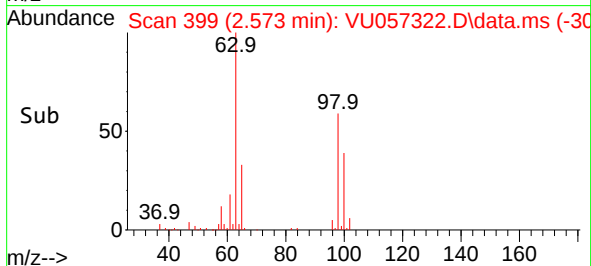
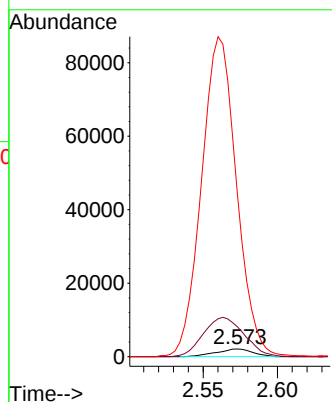
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	96	Resp:	3600
Ion	Ratio	Lower	Upper
96	100		
61	386.4	122.2	226.9#
63	2130.6	99.2	184.2#



#18

trans-1,2-Dichloroethene

Concen: 0.466 ug/L

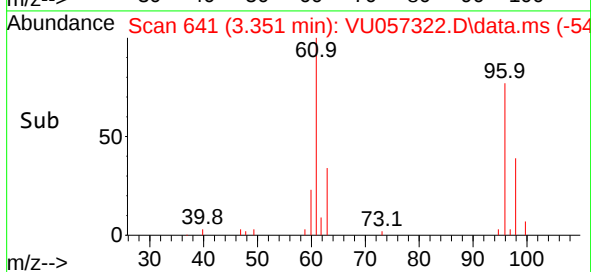
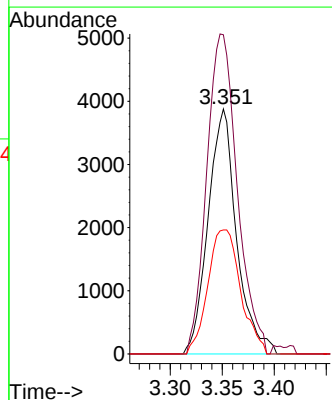
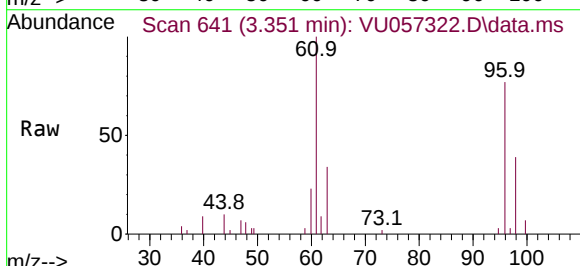
RT: 3.351 min Scan# 641

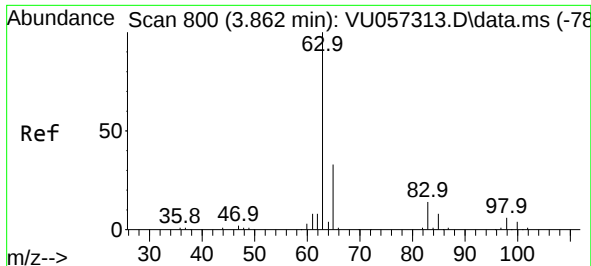
Delta R.T. 0.006 min

Lab File: VU057322.D

Acq: 28 Dec 2023 09:35

Tgt Ion:	96	Resp:	7409
Ion	Ratio	Lower	Upper
96	100		
61	130.3	97.5	181.1
98	50.6	45.9	85.3





#19

1,1-Dichloroethane

Concen: 1.121 ug/L

RT: 3.862 min Scan# 80

Delta R.T. -0.000 min

Lab File: VU057322.D

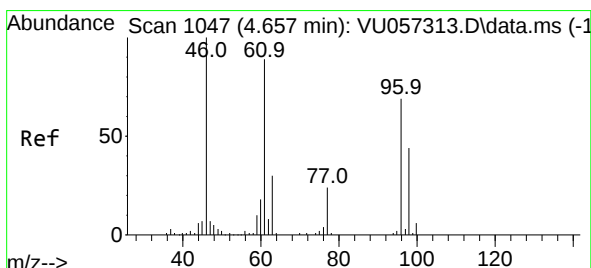
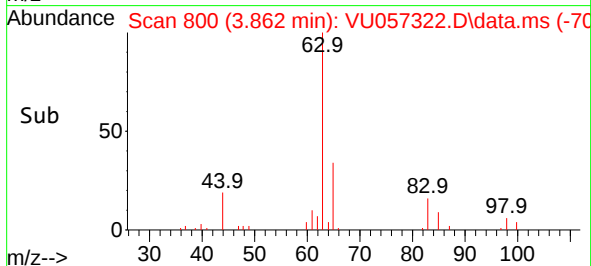
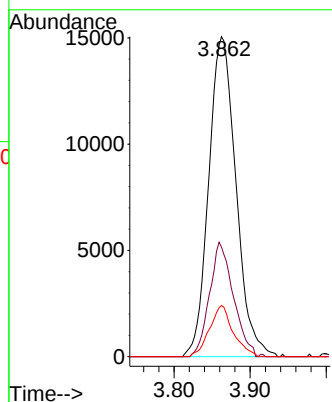
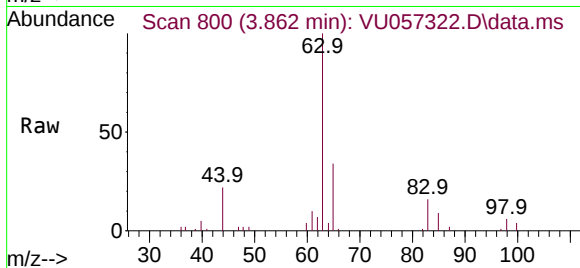
Acq: 28 Dec 2023 09:35

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	37491
Ion Ratio	Lower	Upper	
63	100		
65	34.2	23.6	43.8
83	16.0	9.8	18.2



#22

cis-1,2-Dichloroethene

Concen: 6.696 ug/L

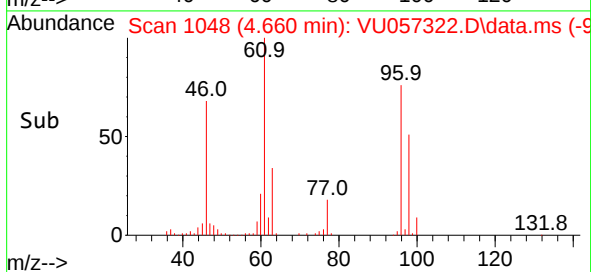
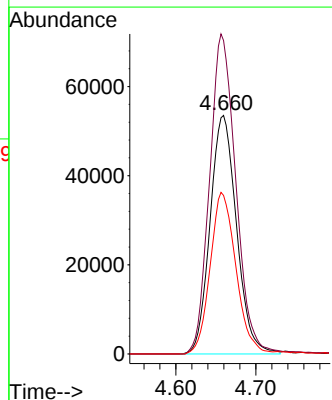
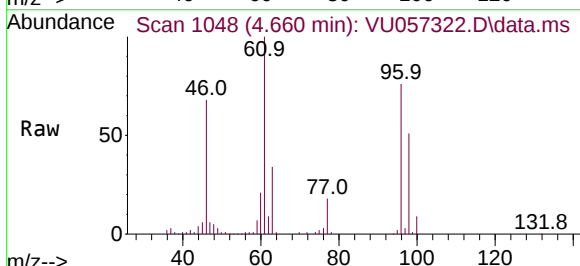
RT: 4.660 min Scan# 1048

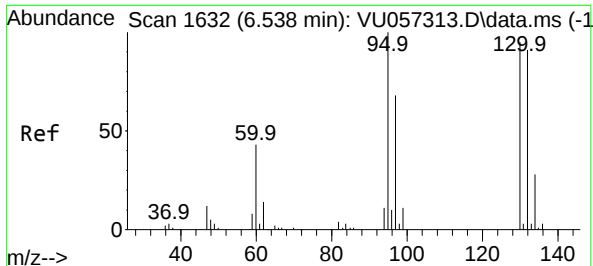
Delta R.T. 0.003 min

Lab File: VU057322.D

Acq: 28 Dec 2023 09:35

Tgt Ion:	96	Resp:	123131
Ion Ratio	Lower	Upper	
96	100		
61	131.3	91.1	169.3
98	66.4	42.6	79.0

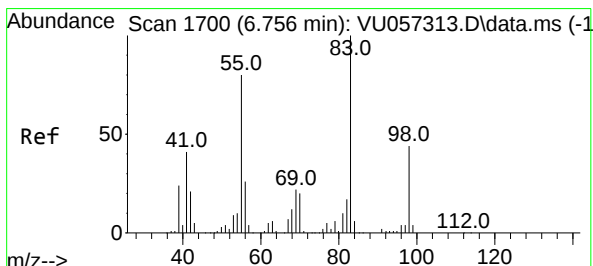
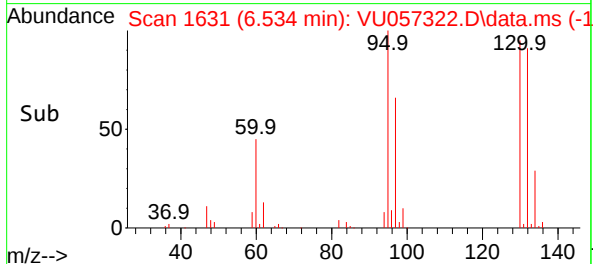
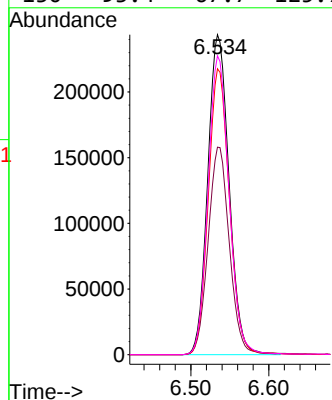
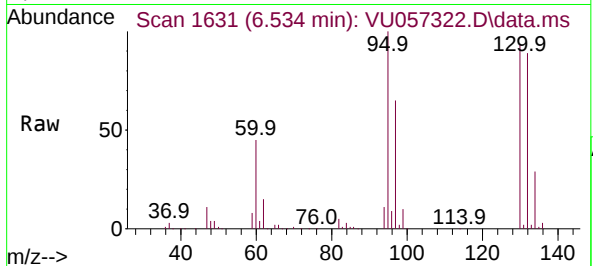




#34
Trichloroethene
Concen: 24.381 ug/L
RT: 6.534 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VU057322.D
Acq: 28 Dec 2023 09:35

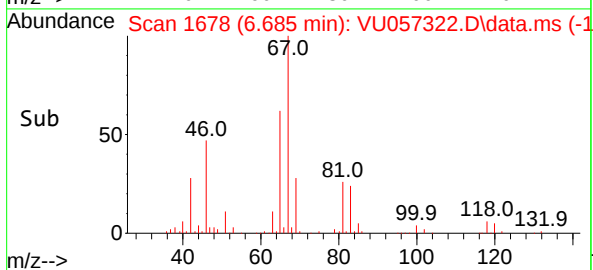
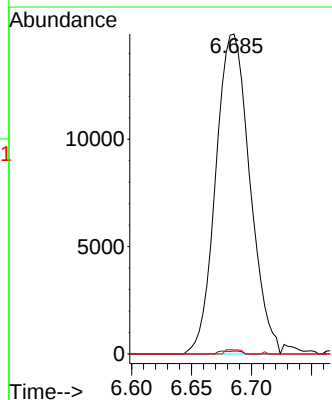
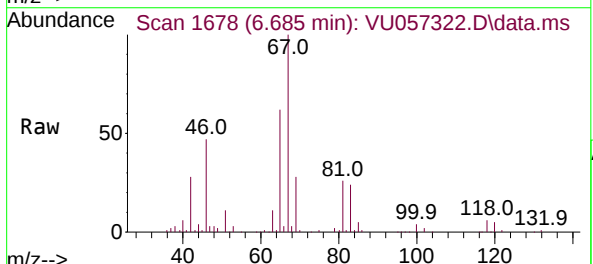
Instrument :
MSVOA_U
ClientSampleId :

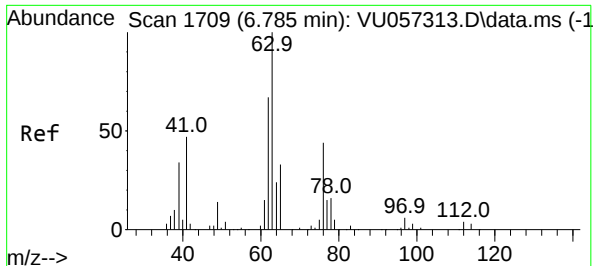
Tgt Ion: 95 Resp: 463052
Ion Ratio Lower Upper
95 100
97 64.9 45.3 84.1
132 89.3 63.1 117.3
130 93.4 67.7 125.7



#35
Methylcyclohexane
Concen: 1.187 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU057322.D
Acq: 28 Dec 2023 09:35

Tgt Ion: 83 Resp: 29436
Ion Ratio Lower Upper
83 100
55 0.6 65.4 98.2#
98 0.0 35.3 52.9#

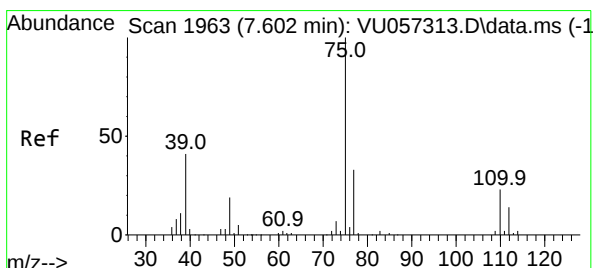
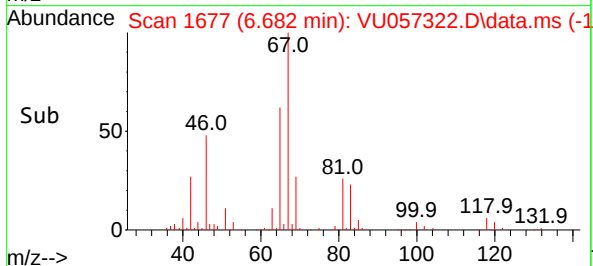
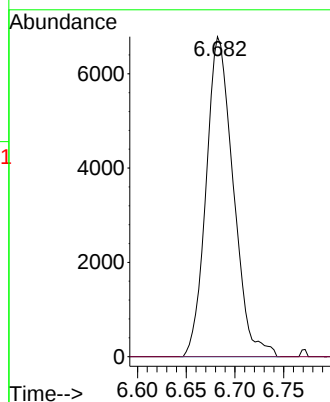
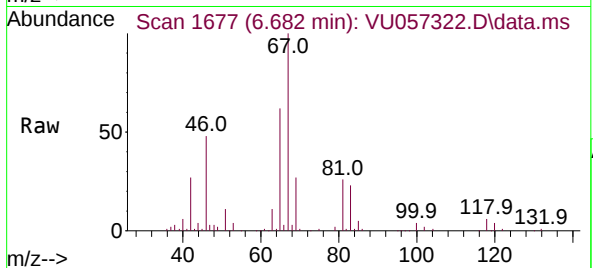




#37
1,2-Dichloropropane
Concen: 0.664 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU057322.D
Acq: 28 Dec 2023 09:35

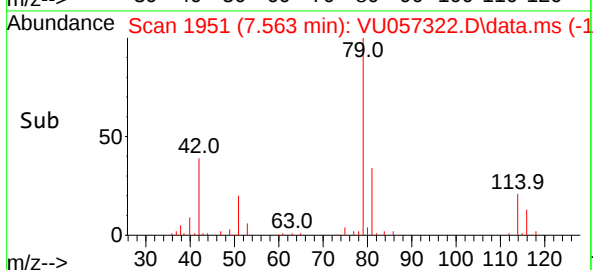
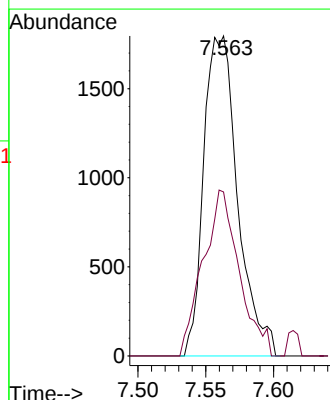
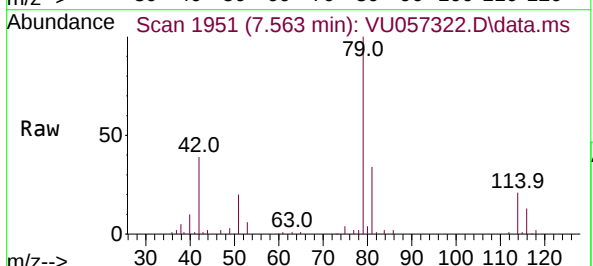
Instrument :
MSVOA_U
ClientSampleId :

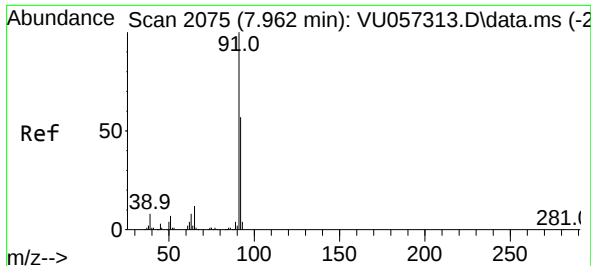
Tgt Ion: 63 Resp: 13162
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



#39
cis-1,3-Dichloropropene
Concen: 0.116 ug/L
RT: 7.563 min Scan# 1951
Delta R.T. -0.039 min
Lab File: VU057322.D
Acq: 28 Dec 2023 09:35

Tgt Ion: 75 Resp: 3137
Ion Ratio Lower Upper
75 100
77 51.2 23.0 42.8#





#42

Toluene

Concen: 0.533 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU057322.D

Acq: 28 Dec 2023 09:35

Instrument :

MSVOA_U

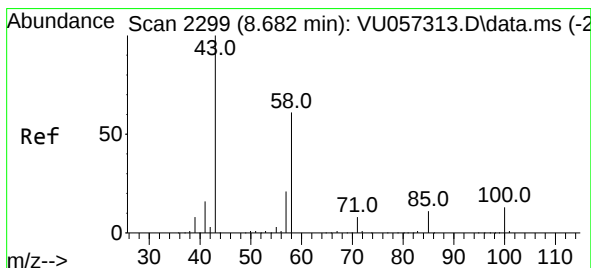
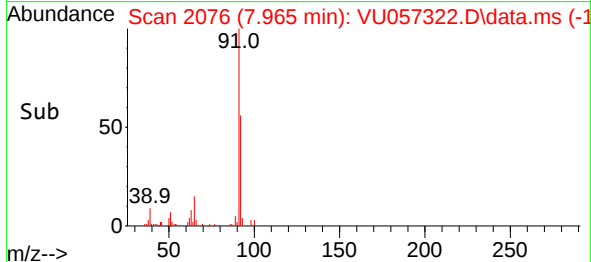
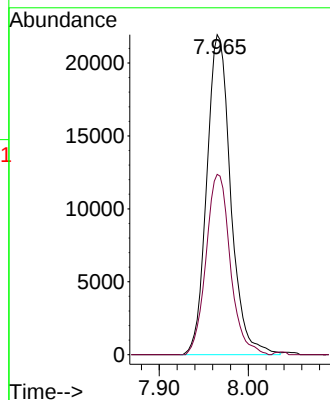
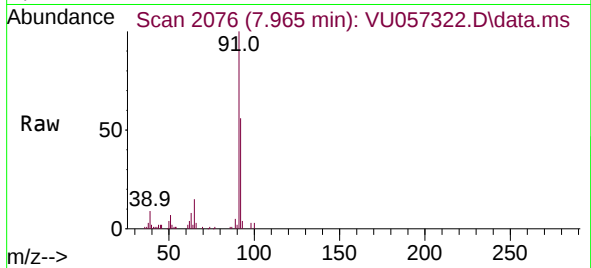
ClientSampleId :

Tgt Ion: 91 Resp: 40883

Ion Ratio Lower Upper

91 100

92 56.3 41.6 77.2



#48

2-Hexanone

Concen: 0.869 ug/L

RT: 8.669 min Scan# 2295

Delta R.T. -0.013 min

Lab File: VU057322.D

Acq: 28 Dec 2023 09:35

Tgt Ion: 43 Resp: 6471

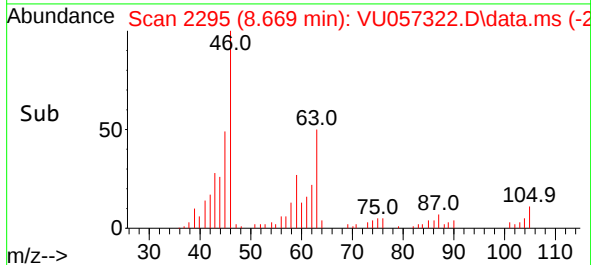
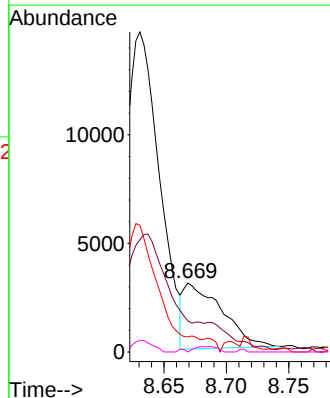
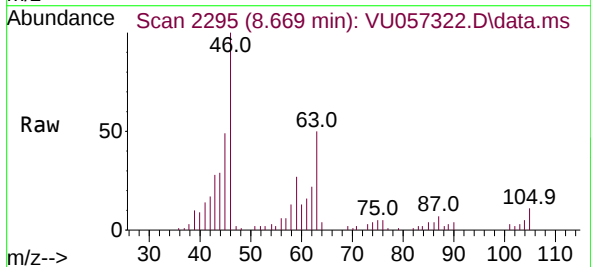
Ion Ratio Lower Upper

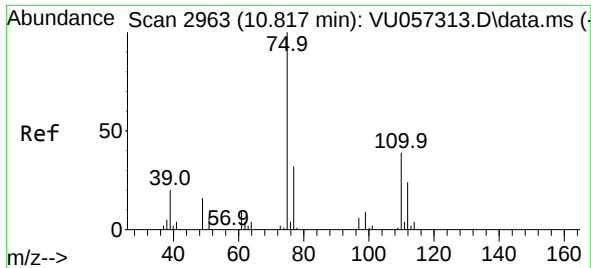
43 100

58 0.0 48.4 72.6#

57 0.0 17.4 26.2#

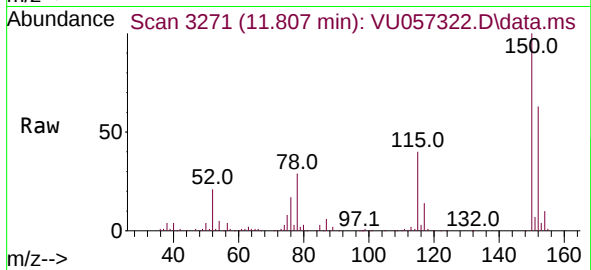
100 0.7 10.1 15.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.252 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU057322.D
 Acq: 28 Dec 2023 09:35

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 12900
 Ion Ratio Lower Upper
 75 100
 110 2.6 29.0 43.6#
 77 31.2 25.4 38.2

