

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122823\
 Data File : VU057340.D
 Acq On : 28 Dec 2023 17:57
 Operator : MD/SY
 Sample : 06021-11DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 28 21:39:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 21:37:03 2023
 Response via : Initial Calibration

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

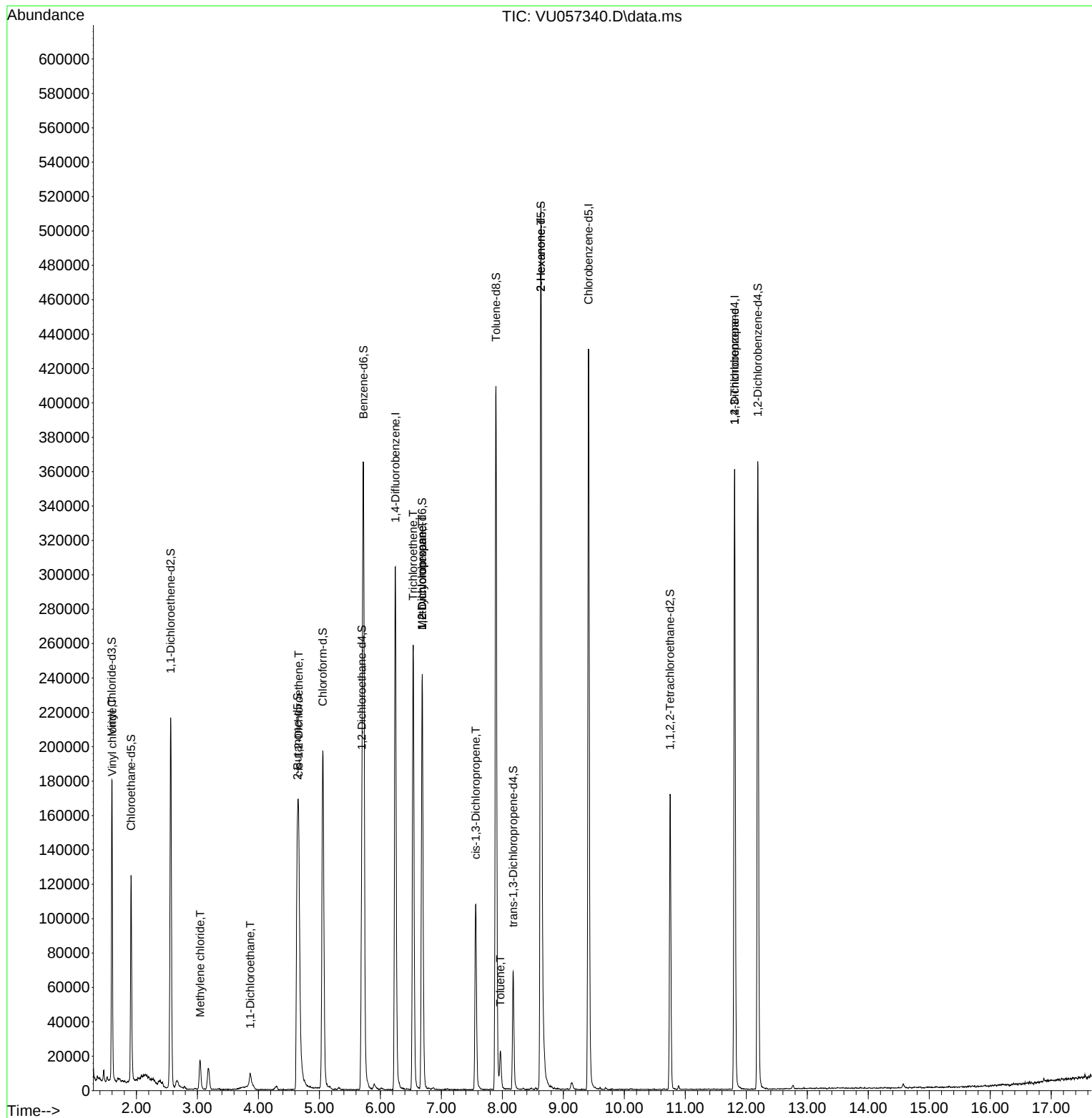
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	241735	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	240605	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	95047	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	99957	4.810	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.200%
7) Chloroethane-d5	1.911	69	91437	5.478	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.600%
11) 1,1-Dichloroethene-d2	2.560	65	41817	5.056	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.200%
20) 2-Butanone-d5	4.637	46	229477	48.754	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.500%
24) Chloroform-d	5.055	84	191679	5.187	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	5.695	65	96025	5.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.721	84	353943	5.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
36) 1,2-Dichloropropane-d6	6.685	67	117098	5.448	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.000%
41) Toluene-d8	7.894	98	280261	4.737	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	8.177	79	41668	4.832	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.631	63	168620	43.172	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.340%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	88758	4.917	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	95567	5.522	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	31480	1.560	ug/L	100
16) Methylene chloride	3.046	84	8733	0.428	ug/L	99
19) 1,1-Dichloroethane	3.866	63	8571	0.260	ug/L	88
22) cis-1,2-Dichloroethene	4.660	96	43872	2.421	ug/L	96
34) Trichloroethene	6.538	95	94393	5.110	ug/L	97
35) Methylcyclohexane	6.685	83	27387	1.135	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	12309	0.638	ug/L #	89
39) cis-1,3-Dichloropropene	7.563	75	3081	0.117	ug/L	91
42) Toluene	7.965	91	15847	0.212	ug/L	94
48) 2-Hexanone	8.631	43	28024	3.868	ug/L #	71
61) 1,2,3-Trichloropropane	11.807	75	12052	1.214	ug/L #	69

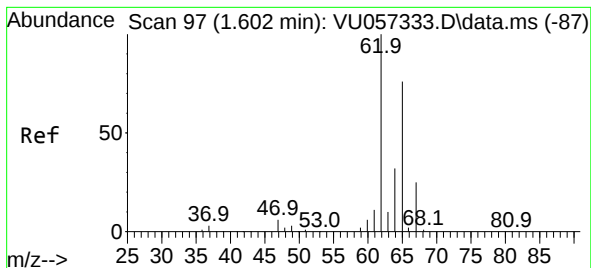
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 28 21:37:03 2023
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.560 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU057340.D

Acq: 28 Dec 2023 17:57

Instrument :

MSVOA_U

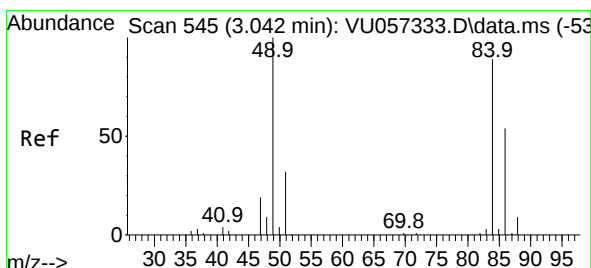
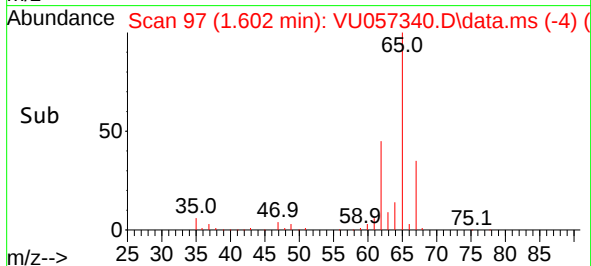
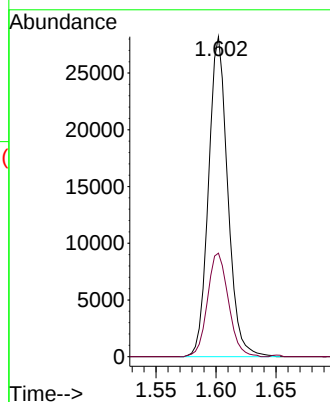
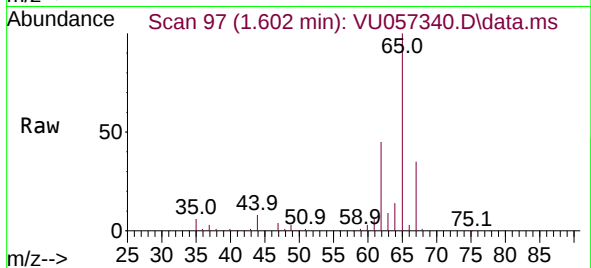
ClientSampleId :

Tgt Ion: 62 Resp: 31480

Ion Ratio Lower Upper

62 100

64 32.4 22.8 42.4



#16

Methylene chloride

Concen: 0.428 ug/L

RT: 3.046 min Scan# 546

Delta R.T. 0.003 min

Lab File: VU057340.D

Acq: 28 Dec 2023 17:57

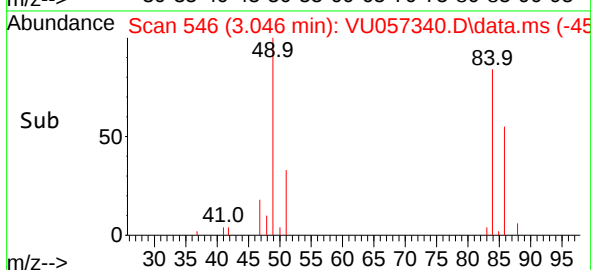
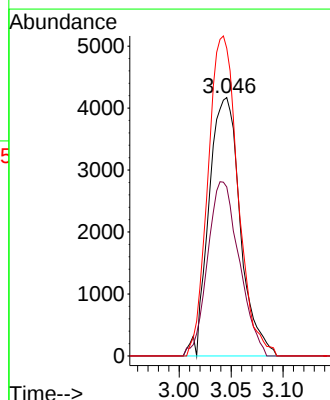
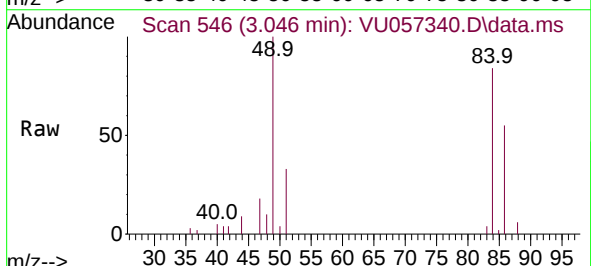
Tgt Ion: 84 Resp: 8733

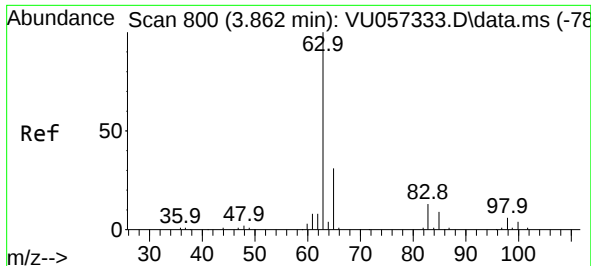
Ion Ratio Lower Upper

84 100

86 65.4 43.8 81.3

49 119.1 83.2 154.4





#19

1,1-Dichloroethane

Concen: 0.260 ug/L

RT: 3.866 min Scan# 800

Delta R.T. 0.003 min

Lab File: VU057340.D

Acq: 28 Dec 2023 17:57

Instrument :

MSVOA_U

ClientSampleId :

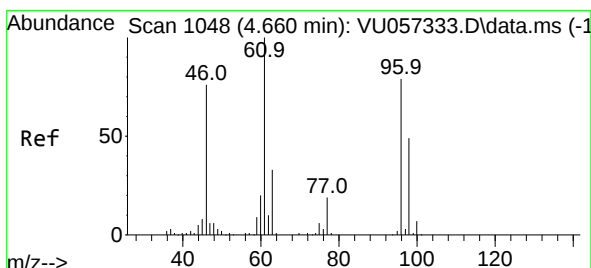
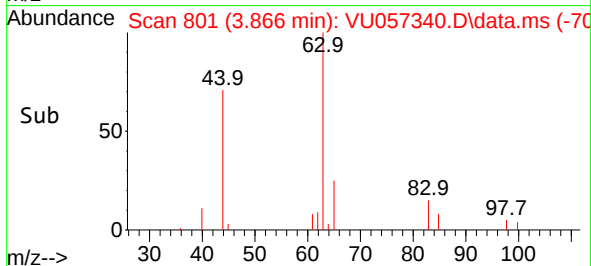
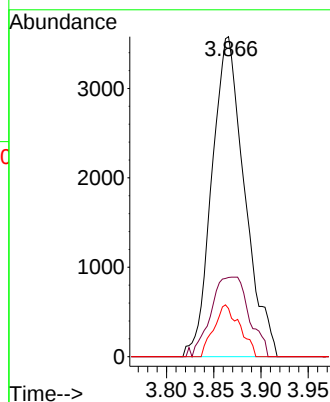
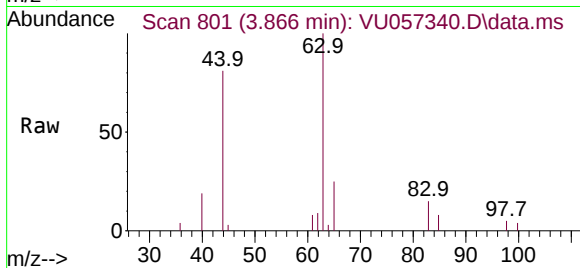
Tgt Ion: 63 Resp: 8571

Ion Ratio Lower Upper

63 100

65 24.8 23.6 43.8

83 15.1 9.8 18.2



#22

cis-1,2-Dichloroethene

Concen: 2.421 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU057340.D

Acq: 28 Dec 2023 17:57

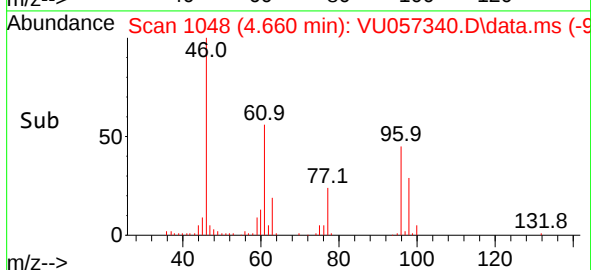
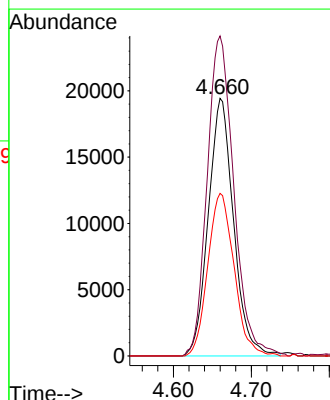
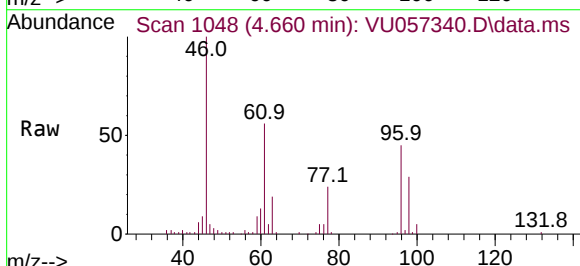
Tgt Ion: 96 Resp: 43872

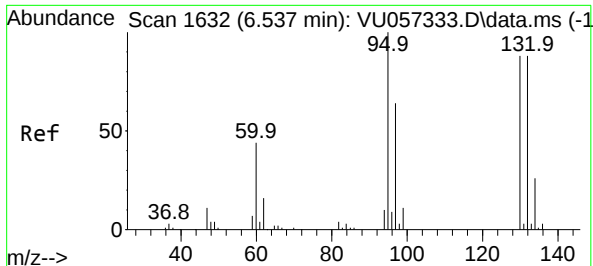
Ion Ratio Lower Upper

96 100

61 124.2 91.1 169.3

98 63.1 42.6 79.0



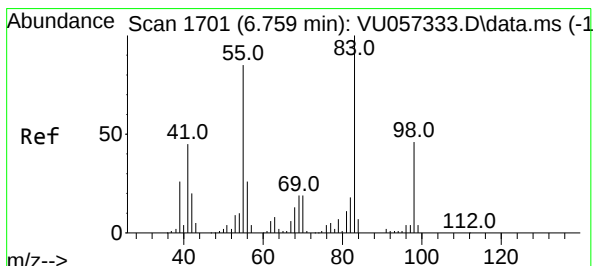
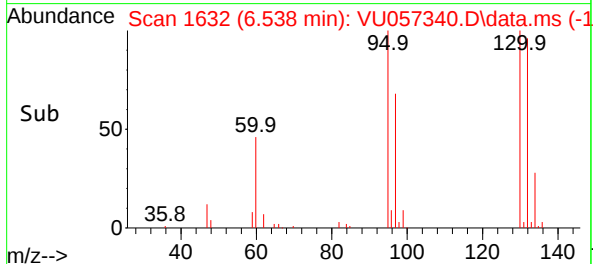
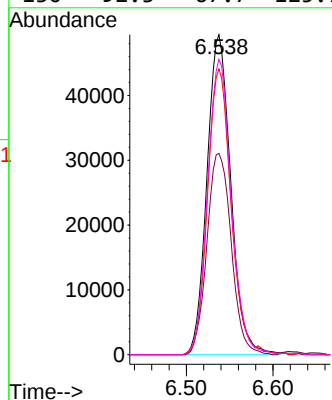
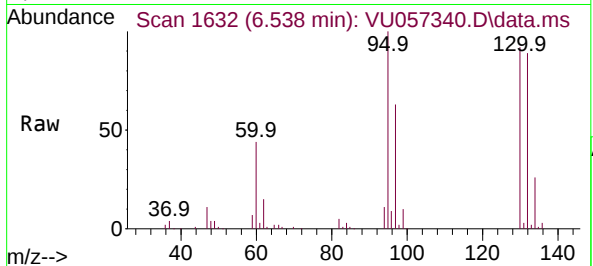


#34
Trichloroethene
Concen: 5.110 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU057340.D
Acq: 28 Dec 2023 17:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 94393

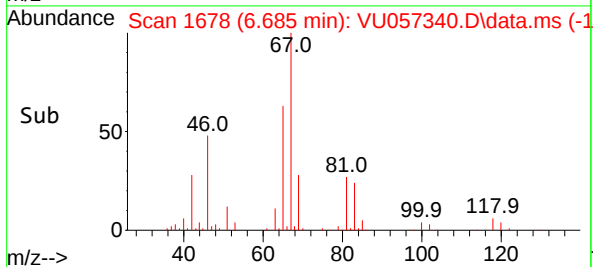
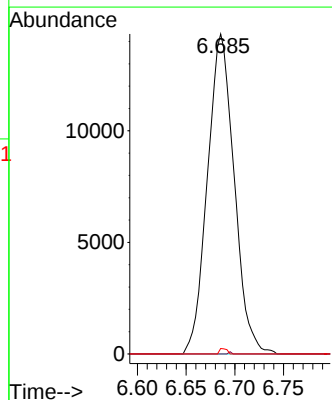
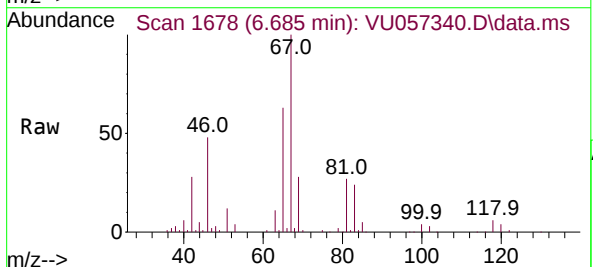
Ion	Ratio	Lower	Upper
95	100		
97	62.9	45.3	84.1
132	89.3	63.1	117.3
130	92.3	67.7	125.7

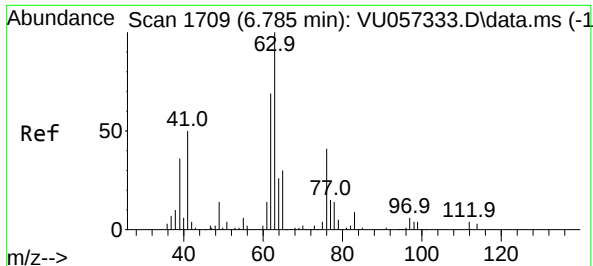


#35
Methylcyclohexane
Concen: 1.135 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057340.D
Acq: 28 Dec 2023 17:57

Tgt Ion: 83 Resp: 27387

Ion	Ratio	Lower	Upper
83	100		
55	0.1	65.4	98.2#
98	0.5	35.3	52.9#





#37

1,2-Dichloropropane

Concen: 0.638 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU057340.D

Acq: 28 Dec 2023 17:57

Instrument :

MSVOA_U

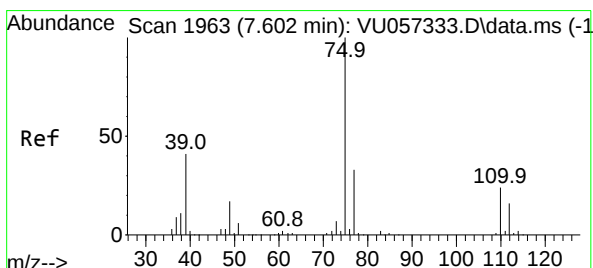
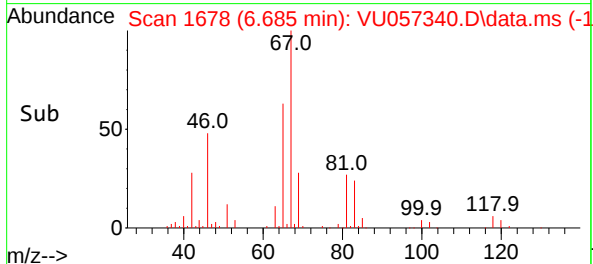
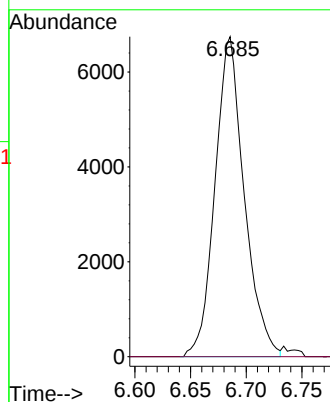
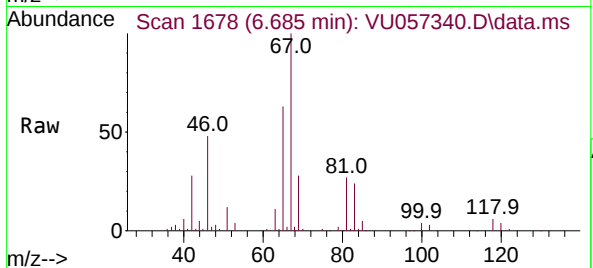
ClientSampleId :

Tgt Ion: 63 Resp: 12309

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



#39

cis-1,3-Dichloropropene

Concen: 0.117 ug/L

RT: 7.563 min Scan# 1951

Delta R.T. -0.039 min

Lab File: VU057340.D

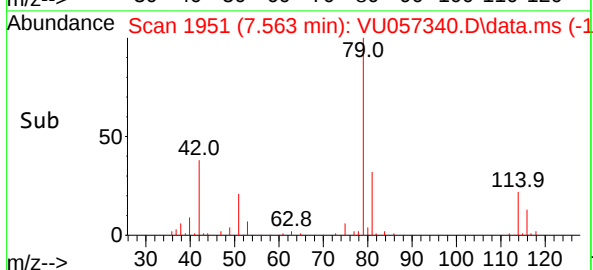
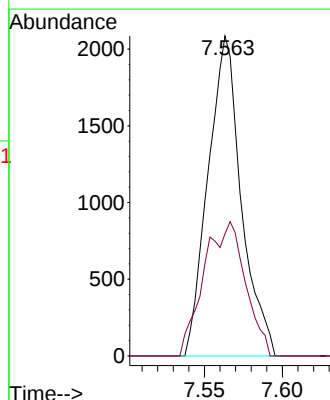
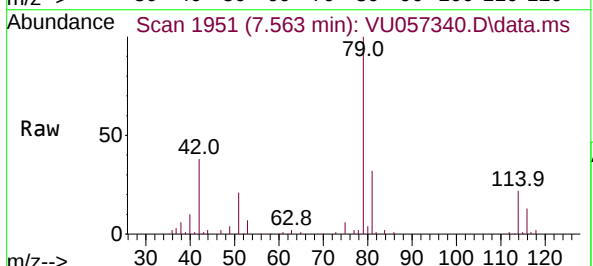
Acq: 28 Dec 2023 17:57

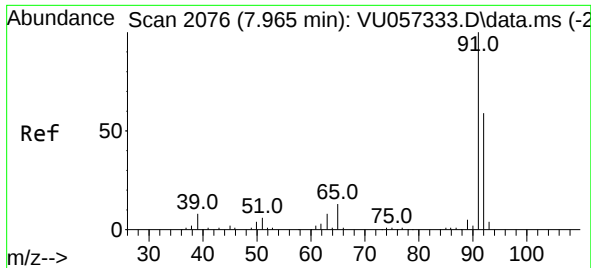
Tgt Ion: 75 Resp: 3081

Ion Ratio Lower Upper

75 100

77 38.2 23.0 42.8





#42

Toluene

Concen: 0.212 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU057340.D

Acq: 28 Dec 2023 17:57

Instrument :

MSVOA_U

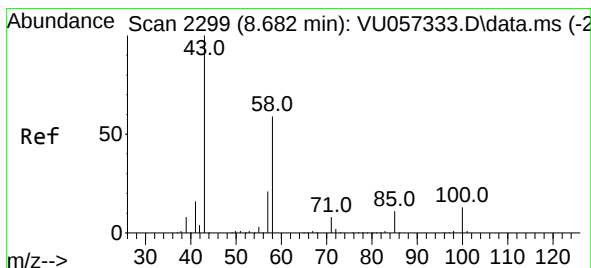
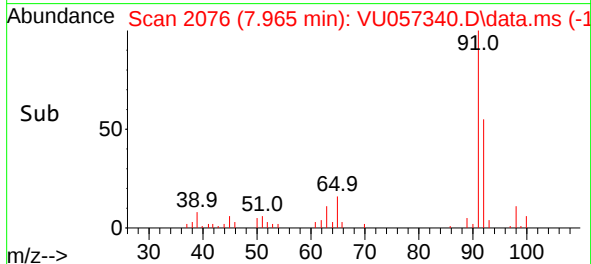
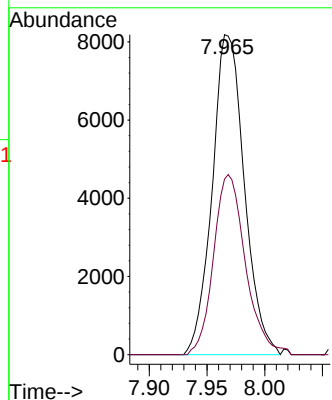
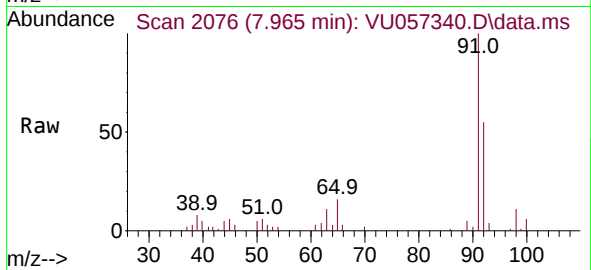
ClientSampleId :

Tgt Ion: 91 Resp: 15847

Ion Ratio Lower Upper

91 100

92 54.8 41.6 77.2



#48

2-Hexanone

Concen: 3.868 ug/L

RT: 8.631 min Scan# 2283

Delta R.T. -0.051 min

Lab File: VU057340.D

Acq: 28 Dec 2023 17:57

Tgt Ion: 43 Resp: 28024

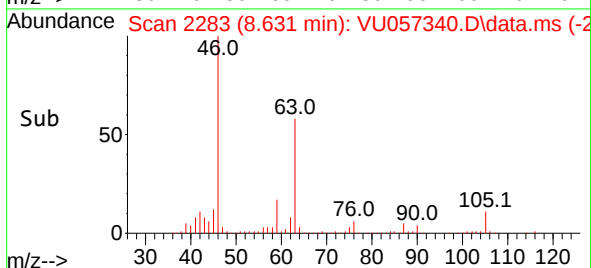
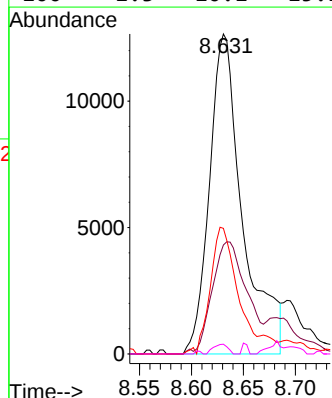
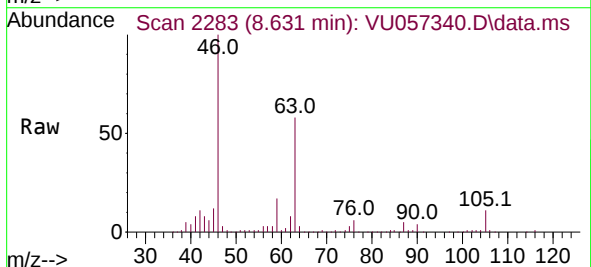
Ion Ratio Lower Upper

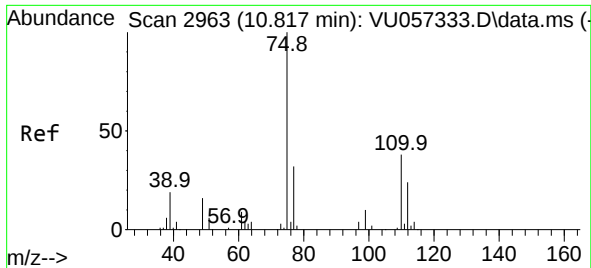
43 100

58 36.8 48.4 72.6#

57 32.5 17.4 26.2#

100 1.3 10.1 15.1#





#61

1,2,3-Trichloropropane

Concen: 1.214 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

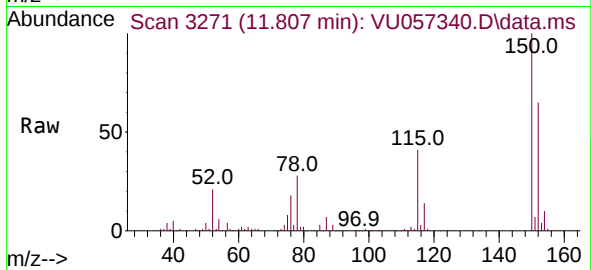
Lab File: VU057340.D

Acq: 28 Dec 2023 17:57

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 12052

Ion Ratio Lower Upper

75 100

110 2.5 29.0 43.6#

77 32.2 25.4 38.2

