

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122823\
 Data File : VU057339.D
 Acq On : 28 Dec 2023 17:33
 Operator : MD/SY
 Sample : 06021-10DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 28 21:38:49 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)

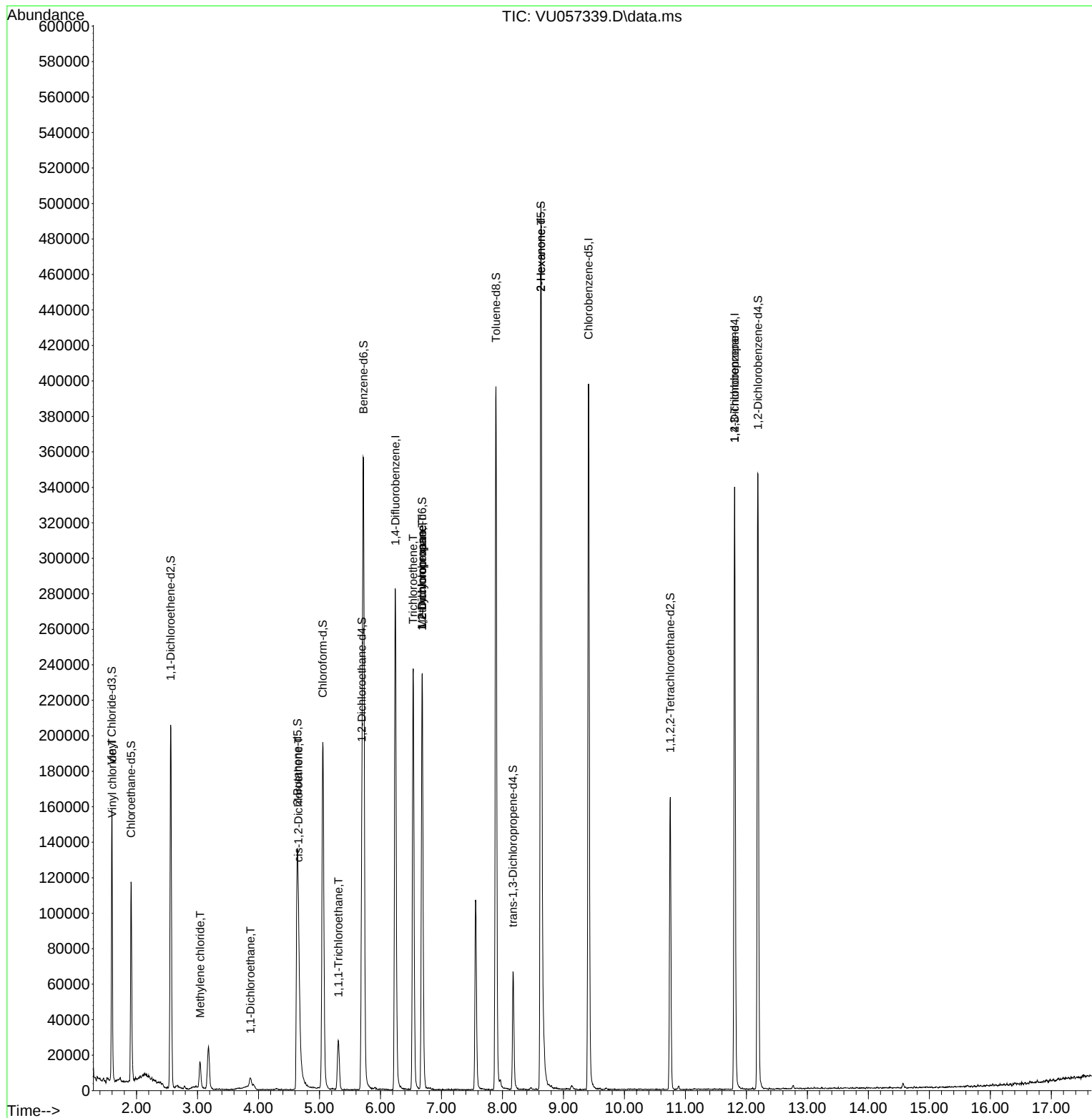
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	227369	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	227632	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	88585	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	101096	5.172	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.400%
7) Chloroethane-d5	1.911	69	89205	5.682	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.600%
11) 1,1-Dichloroethene-d2	2.560	65	39961	5.136	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.800%
20) 2-Butanone-d5	4.637	46	224244	50.653	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.300%
24) Chloroform-d	5.055	84	188026	5.409	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.200%
26) 1,2-Dichloroethane-d4	5.695	65	95151	5.357	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	5.721	84	339685	5.235	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	6.685	67	114429	5.628	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.600%
41) Toluene-d8	7.894	98	267368	4.776	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	8.174	79	39564	4.849	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.631	63	168548	45.613	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.220%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	86385	5.059	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	88987	5.517	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	10950	0.577	ug/L	83
16) Methylene chloride	3.042	84	7346	0.383	ug/L	98
19) 1,1-Dichloroethane	3.869	63	5664	0.183	ug/L	92
22) cis-1,2-Dichloroethene	4.657	96	9931	0.583	ug/L	84
29) 1,1,1-Trichloroethane	5.312	97	21340	0.740	ug/L	99
34) Trichloroethene	6.537	95	87443	5.004	ug/L	97
35) Methylcyclohexane	6.685	83	28110	1.232	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	12838	0.704	ug/L #	90
48) 2-Hexanone	8.634	43	25076	3.659	ug/L #	73
61) 1,2,3-Trichloropropane	11.807	75	11054	1.195	ug/L #	69

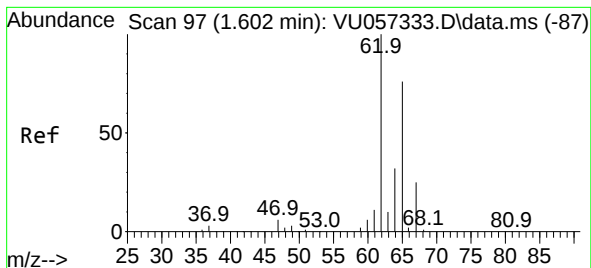
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122823\
Data File : VU057339.D
Acq On : 28 Dec 2023 17:33
Operator : MD/SY
Sample : 06021-10DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 28 21:38:49 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





#5

Vinyl chloride

Concen: 0.577 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU057339.D

Acq: 28 Dec 2023 17:33

Instrument :

MSVOA_U

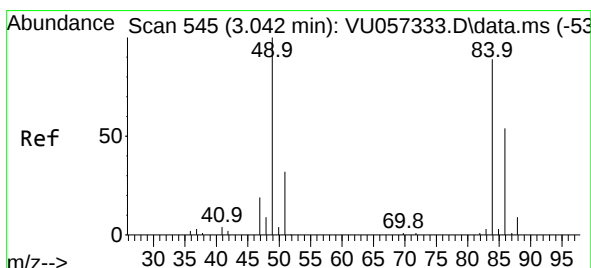
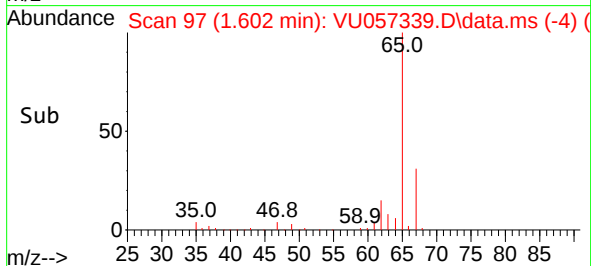
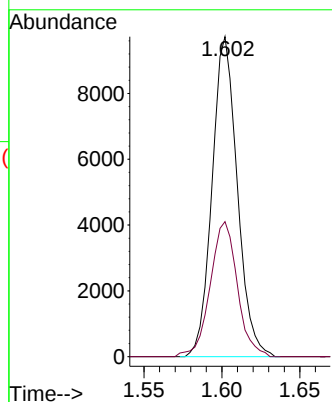
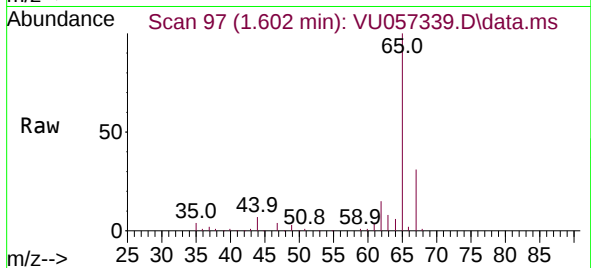
ClientSampleId :

Tgt Ion: 62 Resp: 10950

Ion Ratio Lower Upper

62 100

64 42.2 22.8 42.4



#16

Methylene chloride

Concen: 0.383 ug/L

RT: 3.042 min Scan# 545

Delta R.T. 0.000 min

Lab File: VU057339.D

Acq: 28 Dec 2023 17:33

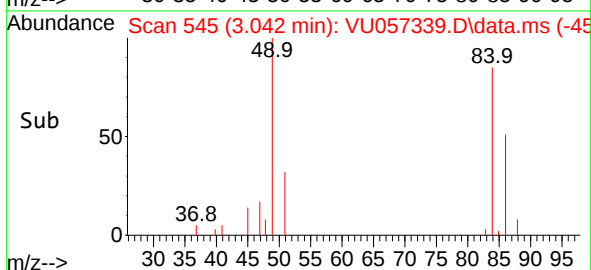
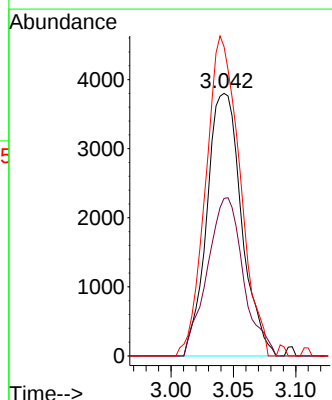
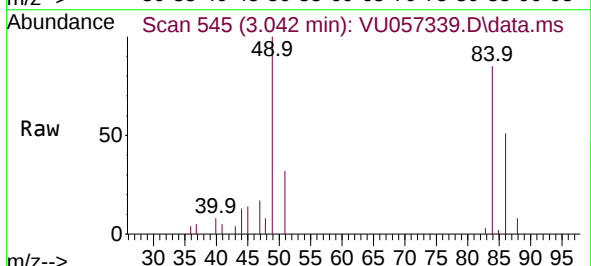
Tgt Ion: 84 Resp: 7346

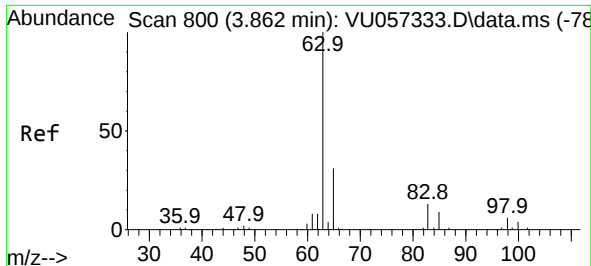
Ion Ratio Lower Upper

84 100

86 60.0 43.8 81.3

49 117.8 83.2 154.4





#19

1,1-Dichloroethane

Concen: 0.183 ug/L

RT: 3.869 min Scan# 800

Delta R.T. 0.006 min

Lab File: VU057339.D

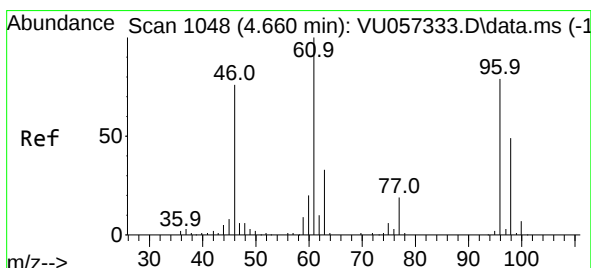
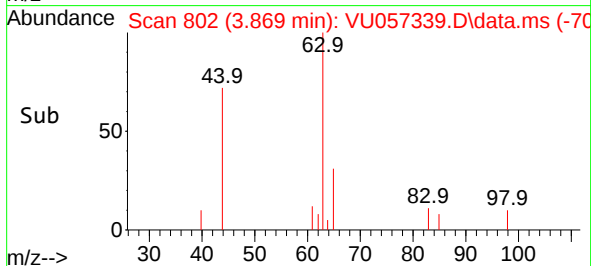
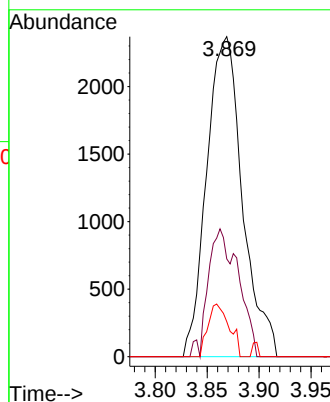
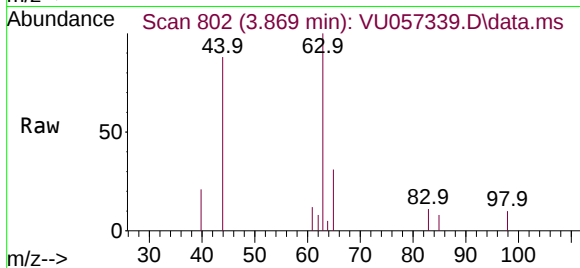
Acq: 28 Dec 2023 17:33

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	5664
Ion	Ratio	Lower	Upper
63	100		
65	29.2	23.6	43.8
83	10.5	9.8	18.2



#22

cis-1,2-Dichloroethene

Concen: 0.583 ug/L

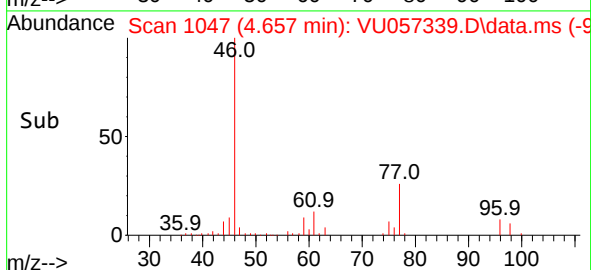
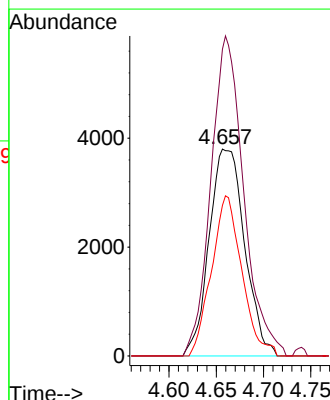
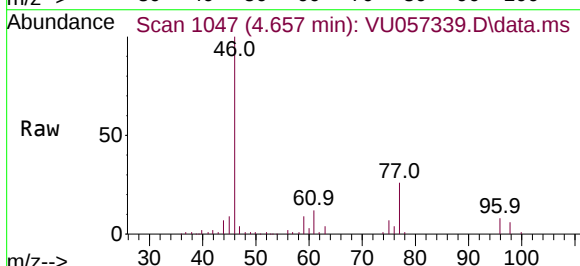
RT: 4.657 min Scan# 1047

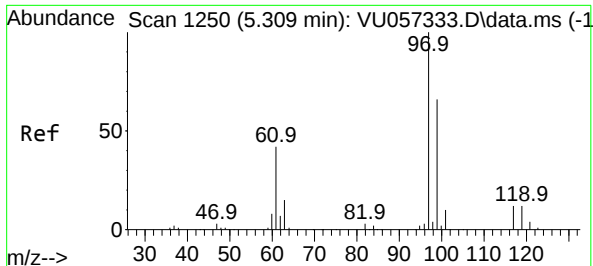
Delta R.T. -0.003 min

Lab File: VU057339.D

Acq: 28 Dec 2023 17:33

Tgt Ion:	96	Resp:	9931
Ion	Ratio	Lower	Upper
96	100		
61	148.3	91.1	169.3
98	72.8	42.6	79.0

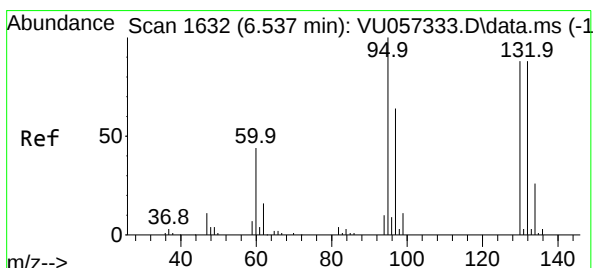
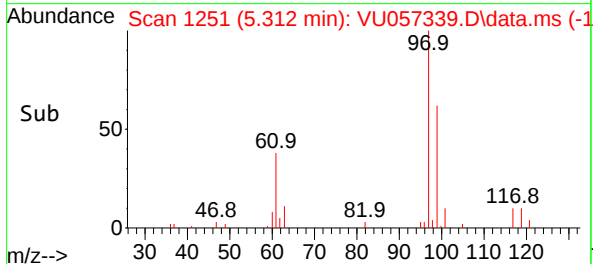
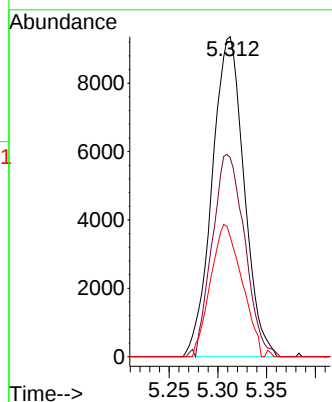
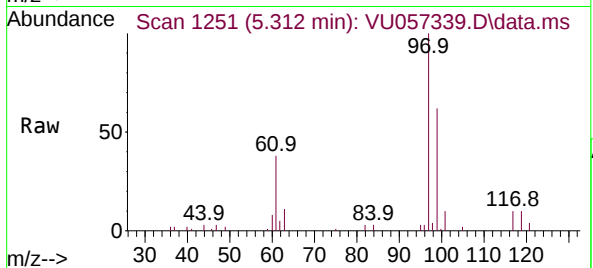




#29
1,1,1-Trichloroethane
Concen: 0.740 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. 0.003 min
Lab File: VU057339.D
Acq: 28 Dec 2023 17:33

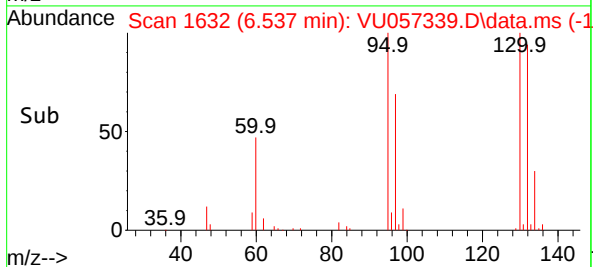
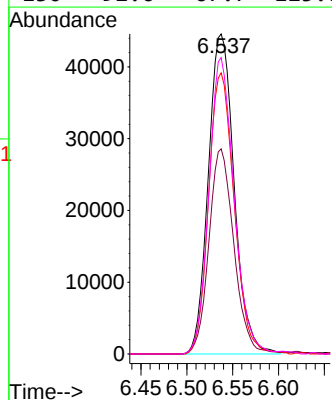
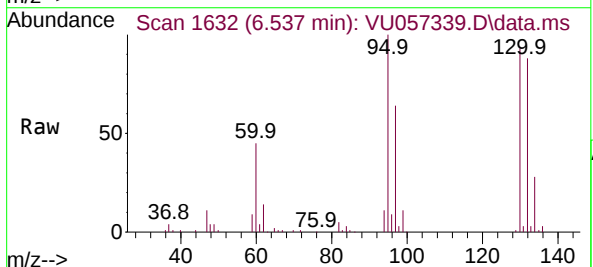
Instrument :
MSVOA_U
ClientSampleId :

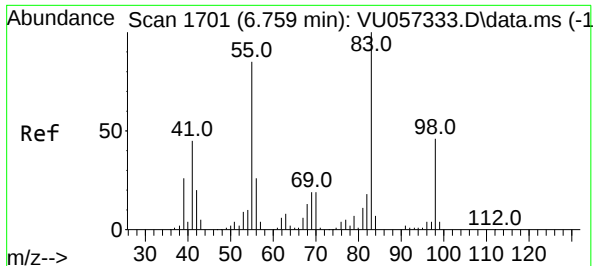
Tgt Ion: 97 Resp: 21340
Ion Ratio Lower Upper
97 100
99 64.4 51.7 77.5
61 40.5 34.1 51.1



#34
Trichloroethene
Concen: 5.004 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU057339.D
Acq: 28 Dec 2023 17:33

Tgt Ion: 95 Resp: 87443
Ion Ratio Lower Upper
95 100
97 64.1 45.3 84.1
132 87.8 63.1 117.3
130 92.6 67.7 125.7





#35

Methylcyclohexane

Concen: 1.232 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU057339.D

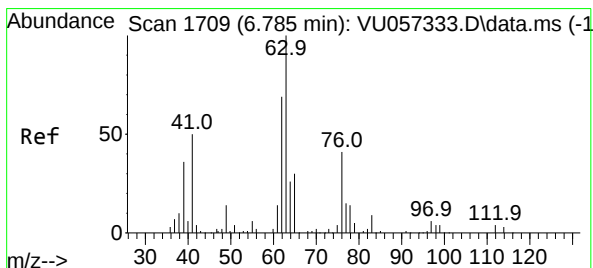
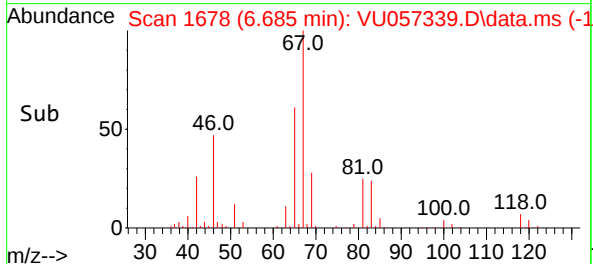
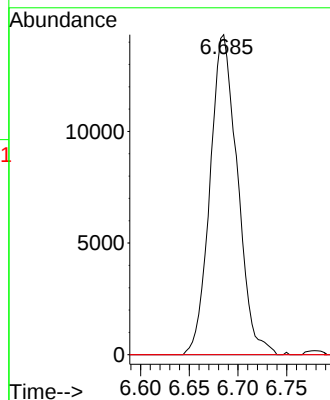
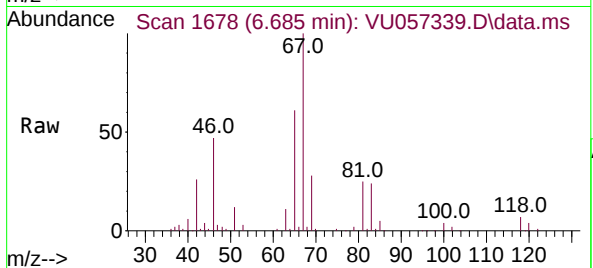
Acq: 28 Dec 2023 17:33

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 28110
Ion Ratio	Lower Upper
83 100	
55 0.0	65.4 98.2#
98 0.8	35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.704 ug/L

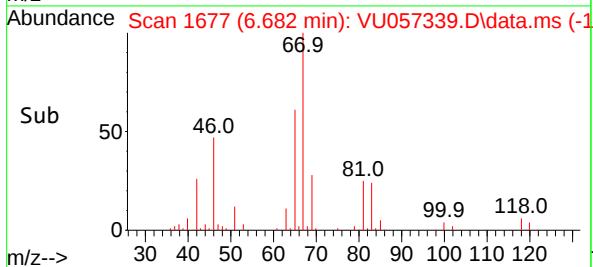
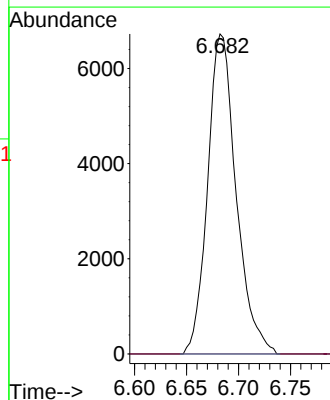
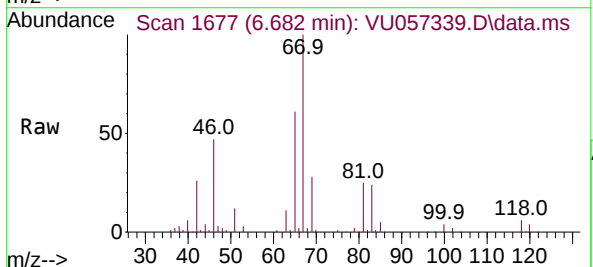
RT: 6.682 min Scan# 1677

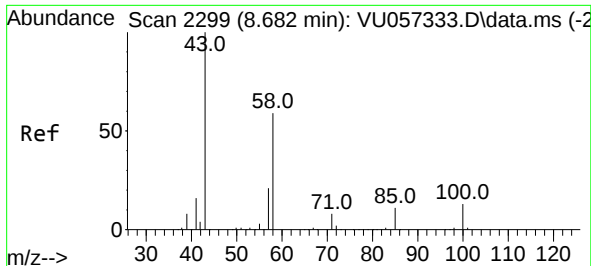
Delta R.T. -0.103 min

Lab File: VU057339.D

Acq: 28 Dec 2023 17:33

Tgt Ion: 63	Resp: 12838
Ion Ratio	Lower Upper
63 100	
112 0.3	2.9 4.3#

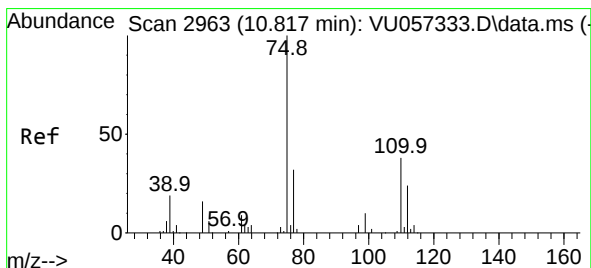
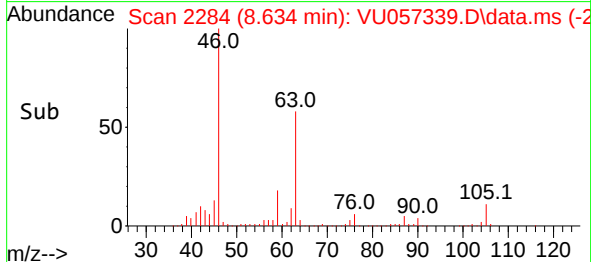
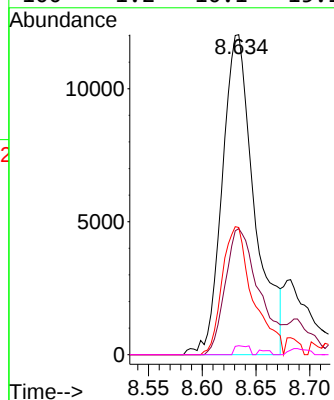
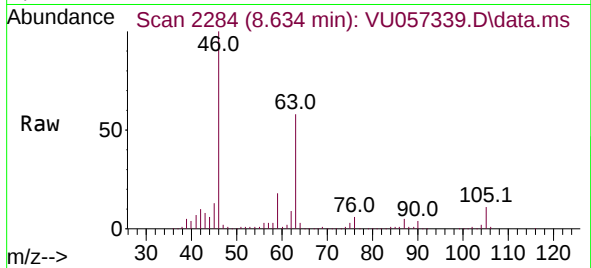




#48
2-Hexanone
Concen: 3.659 ug/L
RT: 8.634 min Scan# 21
Delta R.T. -0.048 min
Lab File: VU057339.D
Acq: 28 Dec 2023 17:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43	Resp: 25076
Ion Ratio	Lower Upper
43 100	
58 41.8	48.4 72.6#
57 38.1	17.4 26.2#
100 1.2	10.1 15.1#



#61
1,2,3-Trichloropropane
Concen: 1.195 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU057339.D
Acq: 28 Dec 2023 17:33

Tgt Ion: 75	Resp: 11054
Ion Ratio	Lower Upper
75 100	
110 3.5	29.0 43.6#
77 30.6	25.4 38.2

