

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122823\
 Data File : VU057337.D
 Acq On : 28 Dec 2023 16:44
 Operator : MD/SY
 Sample : 06021-03DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 28 21:38:22 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)

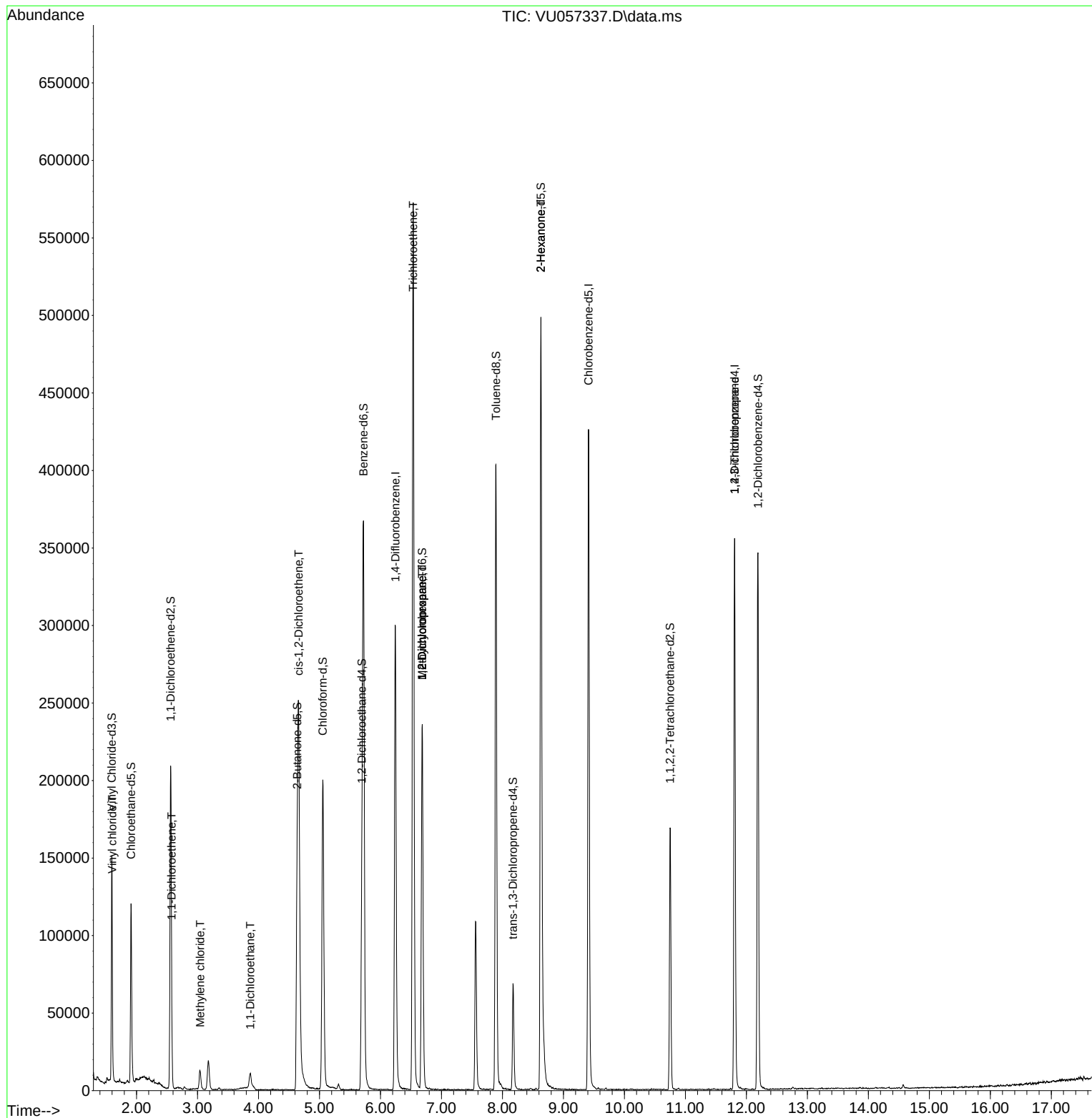
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	240774	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	239237	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	93171	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	98407	4.754	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.911	69	88328	5.313	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.200%
11) 1,1-Dichloroethene-d2	2.560	65	40294	4.891	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.800%
20) 2-Butanone-d5	4.634	46	229595	48.974	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.940%
24) Chloroform-d	5.055	84	187892	5.105	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.695	65	96147	5.111	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.721	84	348933	5.116	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	6.685	67	116453	5.449	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.000%
41) Toluene-d8	7.894	98	271126	4.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	8.174	79	40241	4.693	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.631	63	167752	43.196	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.400%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	86542	4.822	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	91553	5.396	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	5659	0.282	ug/L #	81
12) 1,1-Dichloroethene	2.576	96	3186	0.202	ug/L #	1
16) Methylene chloride	3.046	84	7082	0.349	ug/L	88
19) 1,1-Dichloroethane	3.866	63	10932	0.333	ug/L #	94
22) cis-1,2-Dichloroethene	4.660	96	90583	5.018	ug/L	98
34) Trichloroethene	6.537	95	207082	11.275	ug/L	98
35) Methylcyclohexane	6.685	83	26812	1.118	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	12892	0.672	ug/L #	90
48) 2-Hexanone	8.631	43	23046	3.199	ug/L #	74
61) 1,2,3-Trichloropropane	11.807	75	11516	1.184	ug/L #	69

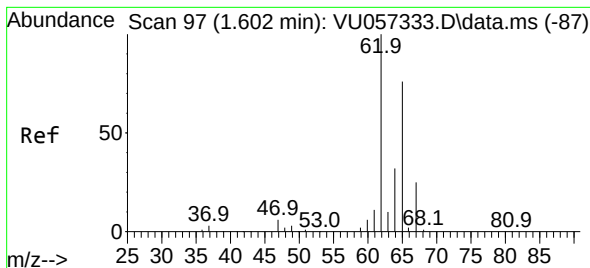
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 28 21:37:03 2023
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.282 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU057337.D

Acq: 28 Dec 2023 16:44

Instrument :

MSVOA_U

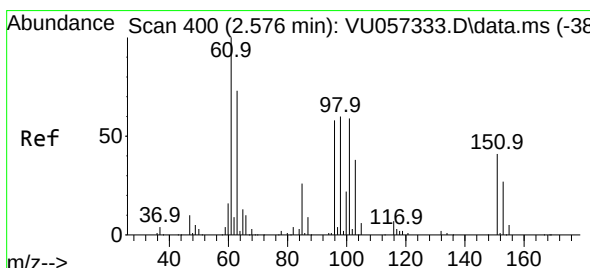
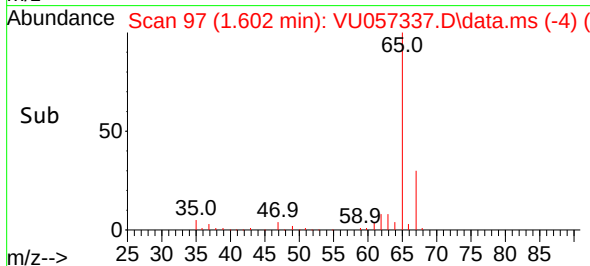
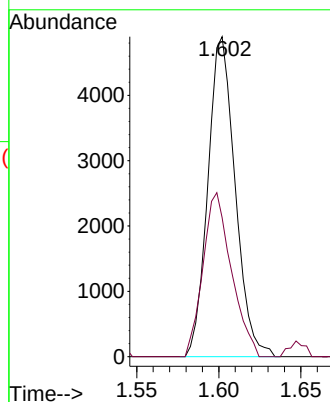
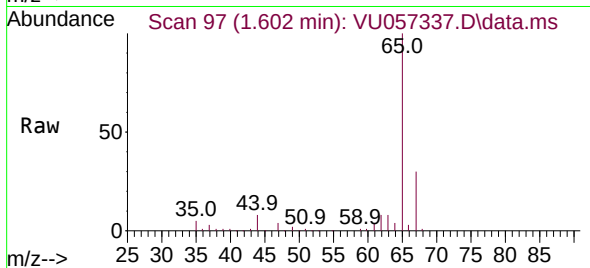
ClientSampleId :

Tgt Ion: 62 Resp: 5659

Ion Ratio Lower Upper

62 100

64 43.5 22.8 42.4#



#12

1,1-Dichloroethene

Concen: 0.202 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU057337.D

Acq: 28 Dec 2023 16:44

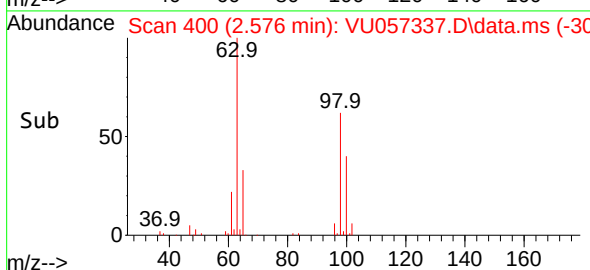
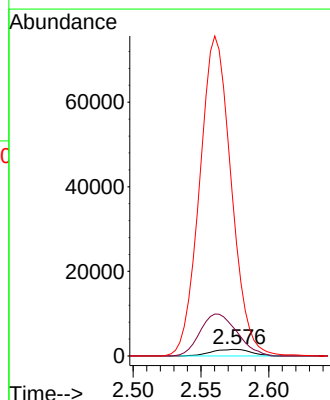
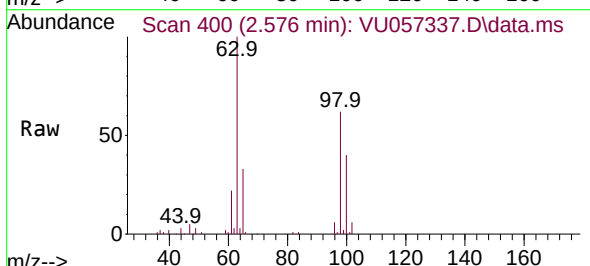
Tgt Ion: 96 Resp: 3186

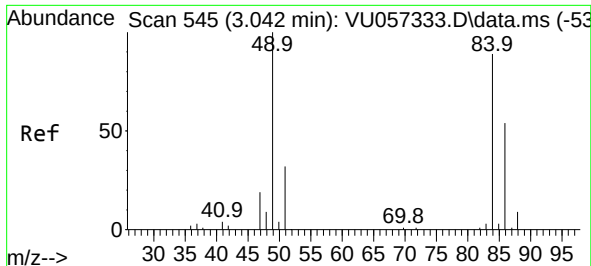
Ion Ratio Lower Upper

96 100

61 376.9 122.2 226.9#

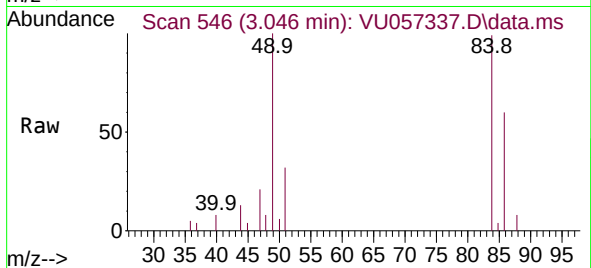
63 1712.0 99.2 184.2#



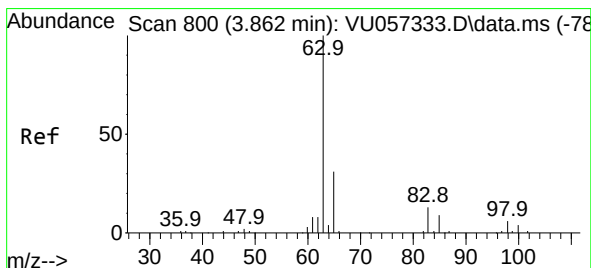
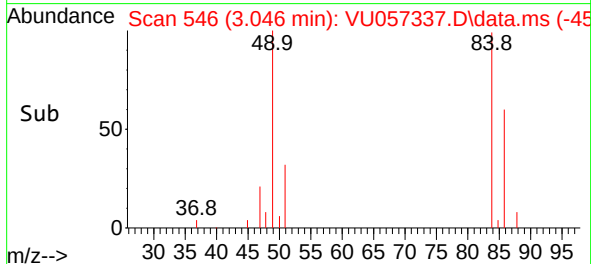
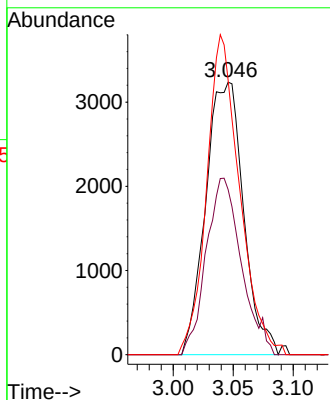


#16
Methylene chloride
Concen: 0.349 ug/L
RT: 3.046 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU057337.D
Acq: 28 Dec 2023 16:44

Instrument :
MSVOA_U
ClientSampleId :

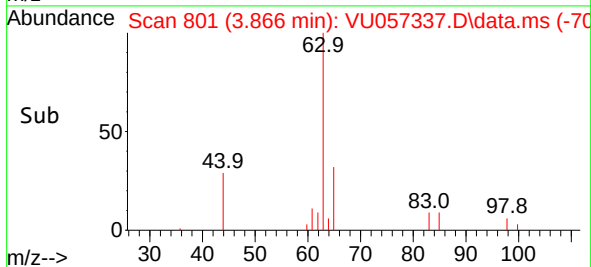
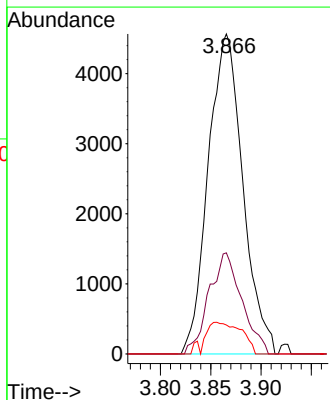
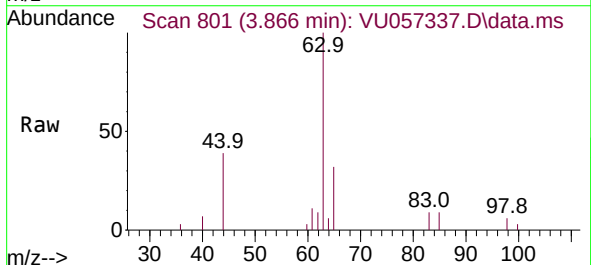


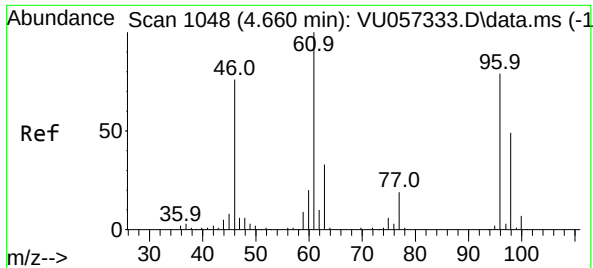
Tgt Ion: 84 Resp: 7082
Ion Ratio Lower Upper
84 100
86 60.6 43.8 81.3
49 100.7 83.2 154.4



#19
1,1-Dichloroethane
Concen: 0.333 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU057337.D
Acq: 28 Dec 2023 16:44

Tgt Ion: 63 Resp: 10932
Ion Ratio Lower Upper
63 100
65 31.6 23.6 43.8
83 9.0 9.8 18.2#

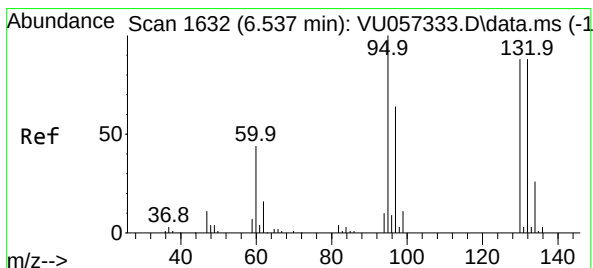
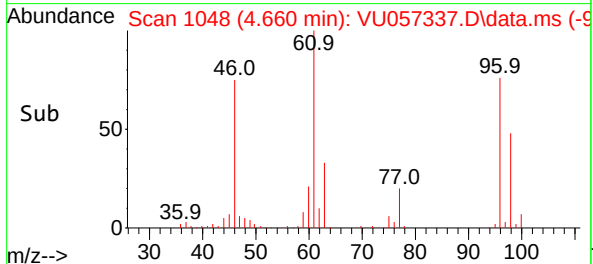
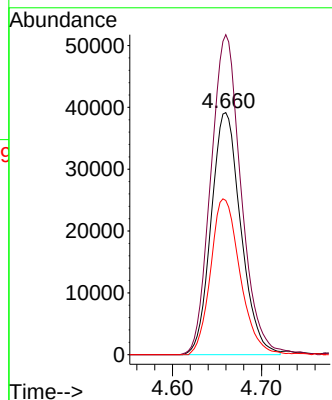
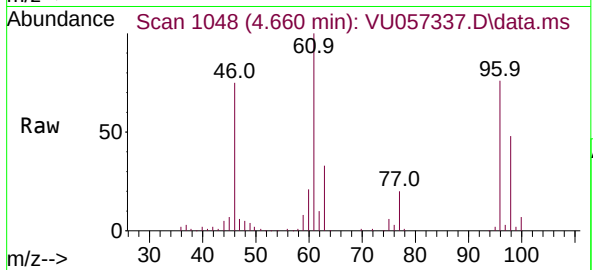




#22
 cis-1,2-Dichloroethene
 Concen: 5.018 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU057337.D
 Acq: 28 Dec 2023 16:44

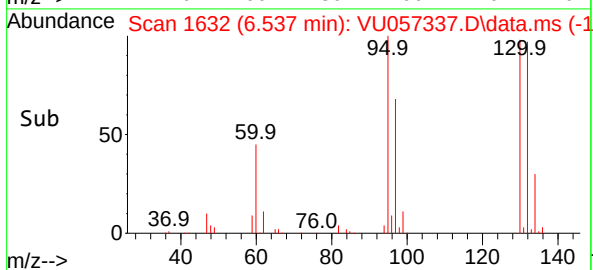
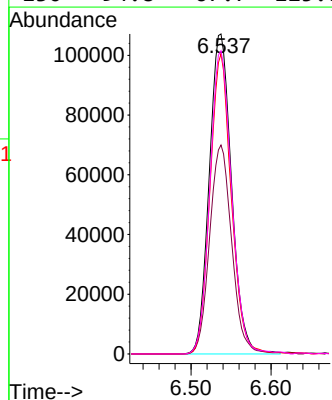
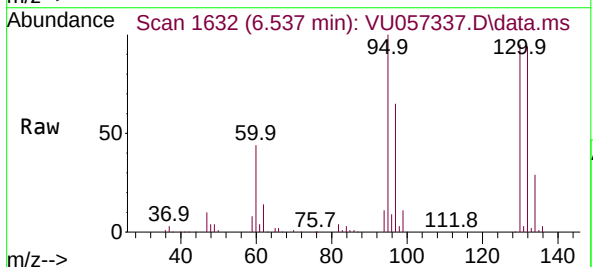
Instrument :
 MSVOA_U
 ClientSampleId :

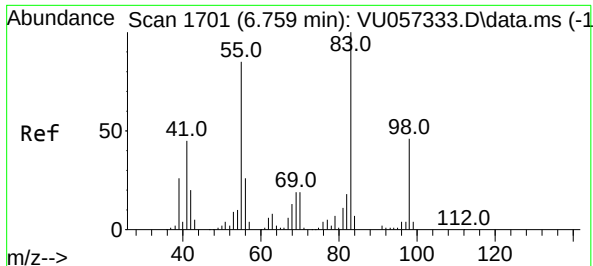
Tgt Ion: 96 Resp: 90583
 Ion Ratio Lower Upper
 96 100
 61 132.2 91.1 169.3
 98 63.7 42.6 79.0



#34
 Trichloroethene
 Concen: 11.275 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. 0.000 min
 Lab File: VU057337.D
 Acq: 28 Dec 2023 16:44

Tgt Ion: 95 Resp: 207082
 Ion Ratio Lower Upper
 95 100
 97 65.3 45.3 84.1
 132 93.8 63.1 117.3
 130 94.8 67.7 125.7

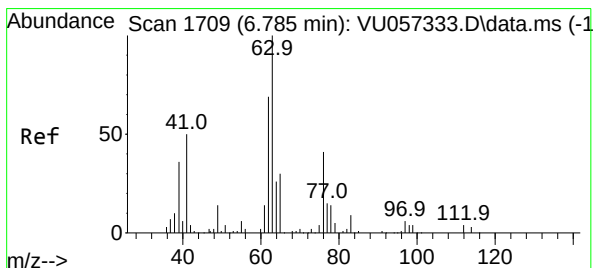
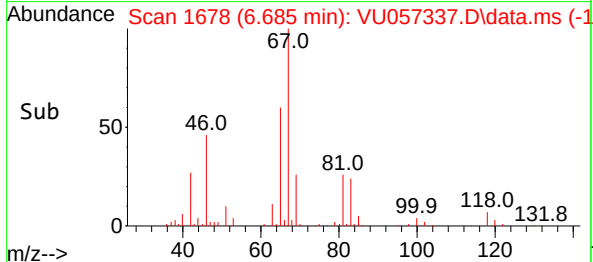
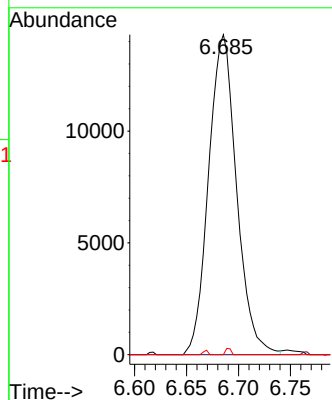
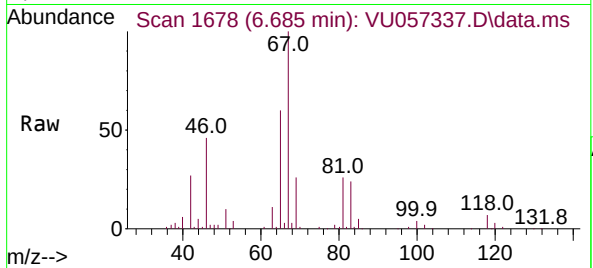




#35
Methylcyclohexane
Concen: 1.118 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057337.D
Acq: 28 Dec 2023 16:44

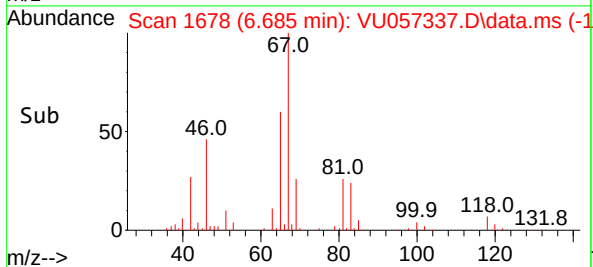
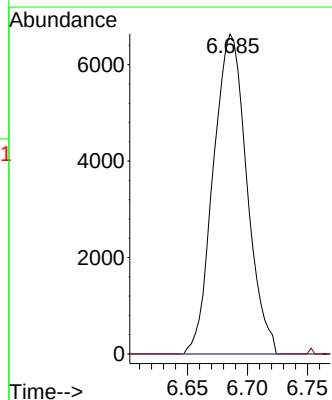
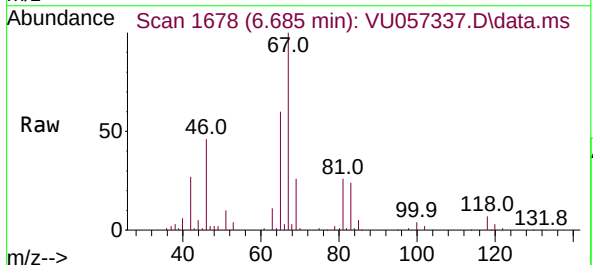
Instrument :
MSVOA_U
ClientSampleId :

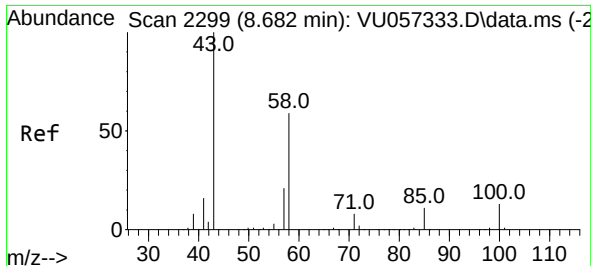
Tgt Ion: 83 Resp: 26812
Ion Ratio Lower Upper
83 100
55 0.2 65.4 98.2#
98 0.0 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.672 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU057337.D
Acq: 28 Dec 2023 16:44

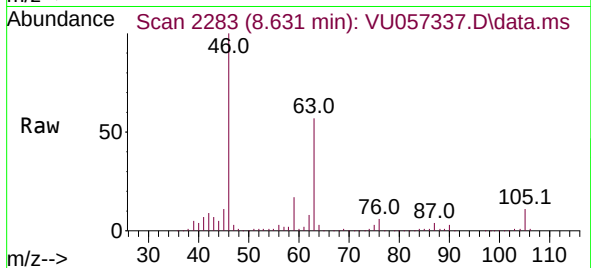
Tgt Ion: 63 Resp: 12892
Ion Ratio Lower Upper
63 100
112 0.2 2.9 4.3#



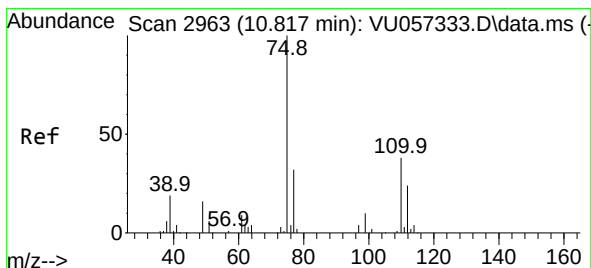
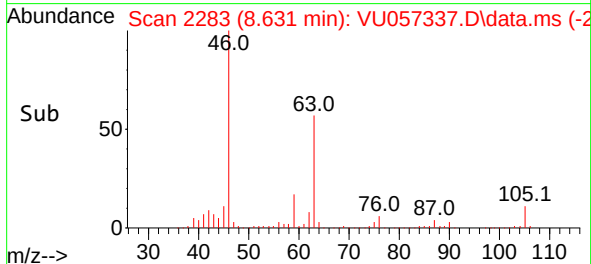
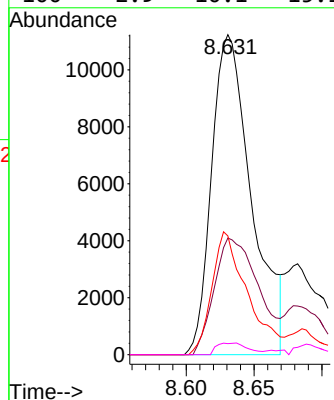


#48
2-Hexanone
Concen: 3.199 ug/L
RT: 8.631 min Scan# 21
Delta R.T. -0.051 min
Lab File: VU057337.D
Acq: 28 Dec 2023 16:44

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	43	Resp:	23046
Ion	Ratio	Lower	Upper
43	100		
58	40.7	48.4	72.6#
57	34.5	17.4	26.2#
100	2.9	10.1	15.1#



#61
1,2,3-Trichloropropane
Concen: 1.184 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU057337.D
Acq: 28 Dec 2023 16:44

Tgt Ion:	75	Resp:	11516
Ion	Ratio	Lower	Upper
75	100		
110	2.5	29.0	43.6#
77	30.7	25.4	38.2

