

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122823\
 Data File : VU057351.D
 Acq On : 28 Dec 2023 22:24
 Operator : MD/SY
 Sample : 06020-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 29 00:06:39 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)

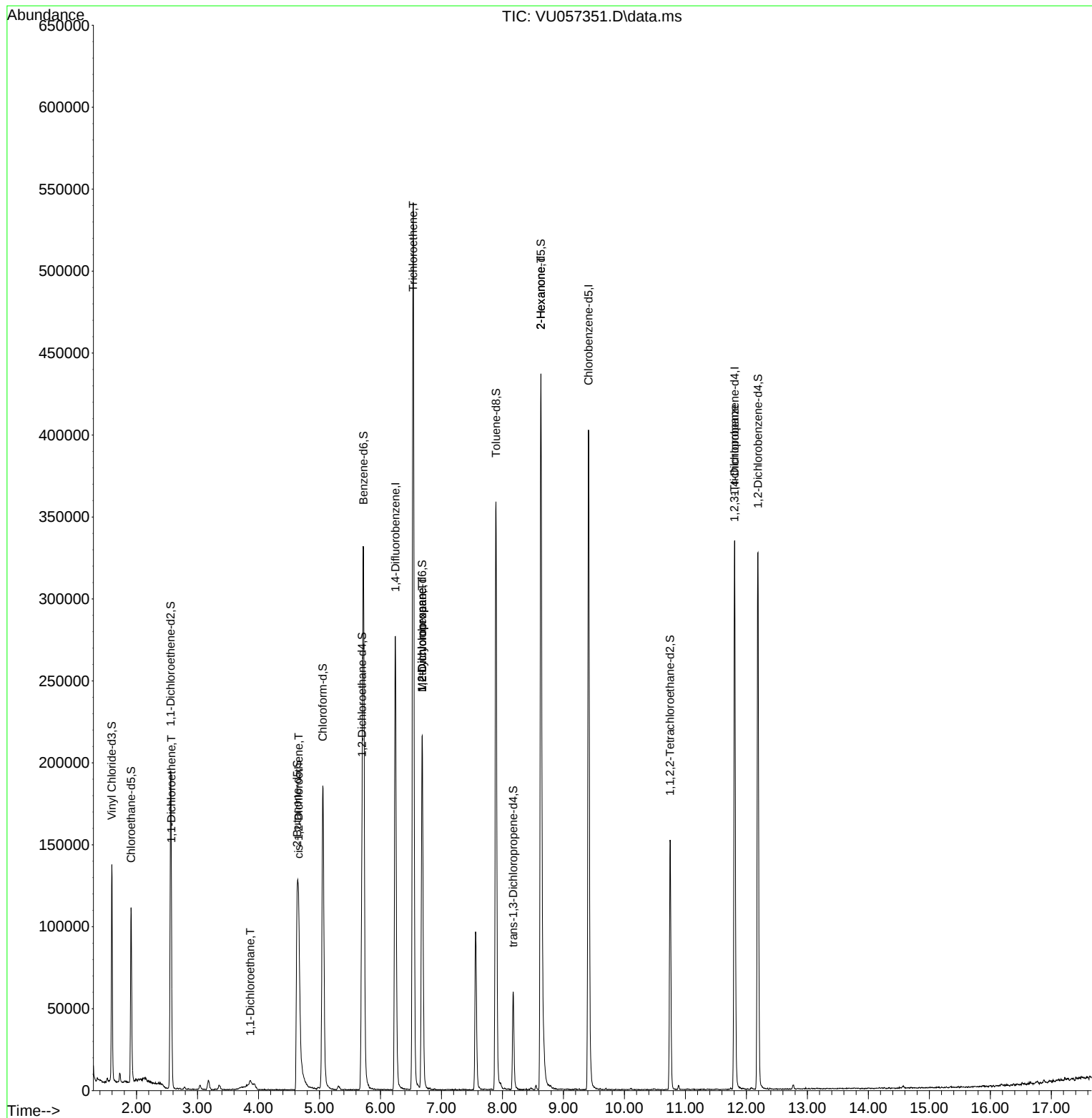
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	221330	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	226084	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	87881	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	92142	4.843	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.800%
7) Chloroethane-d5	1.911	69	83062	5.435	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.800%
11) 1,1-Dichloroethene-d2	2.560	65	36735	4.851	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	4.634	46	210996	48.960	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.920%
24) Chloroform-d	5.055	84	175652	5.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	5.698	65	85784	4.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.721	84	313291	4.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.682	67	107349	5.316	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.400%
41) Toluene-d8	7.894	98	246601	4.435	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	8.177	79	36675	4.526	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.631	63	149642	40.774	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.540%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	75641	4.460	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	85378	5.335	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	4589	0.317	ug/L #	1
19) 1,1-Dichloroethane	3.866	63	3652	0.121	ug/L	87
22) cis-1,2-Dichloroethene	4.660	96	28252	1.703	ug/L	97
34) Trichloroethene	6.537	95	195476	11.263	ug/L	97
35) Methylcyclohexane	6.682	83	25148	1.109	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	11347	0.626	ug/L #	90
48) 2-Hexanone	8.631	43	20000	2.938	ug/L #	37
61) 1,2,3-Trichloropropane	11.804	75	10853	1.183	ug/L #	68

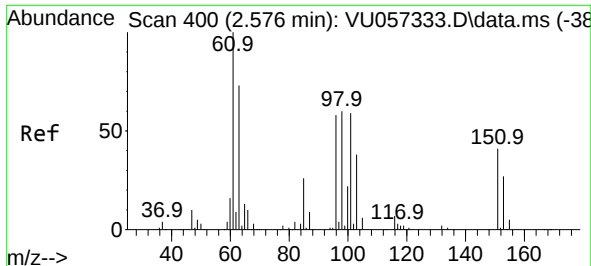
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.317 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU057351.D

Acq: 28 Dec 2023 22:24

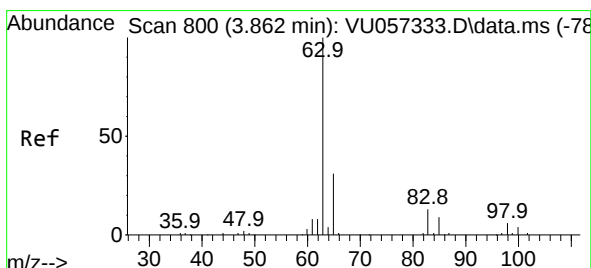
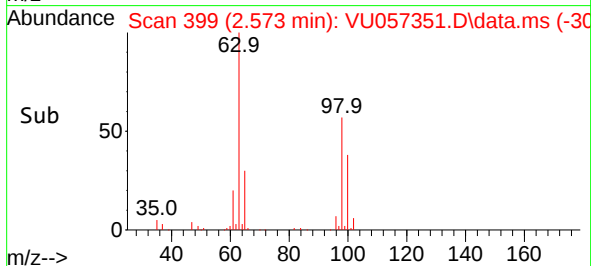
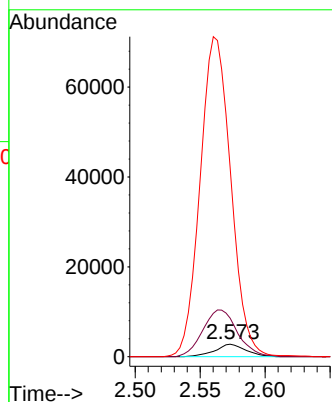
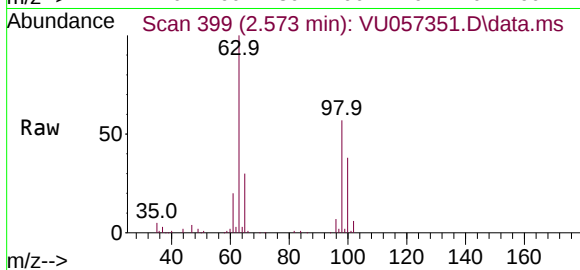
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 4589

Ion	Ratio	Lower	Upper
96	100		
61	308.4	122.2	226.9#
63	1515.7	99.2	184.2#



#19

1,1-Dichloroethane

Concen: 0.121 ug/L

RT: 3.866 min Scan# 801

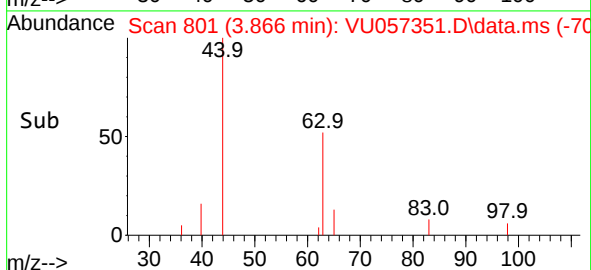
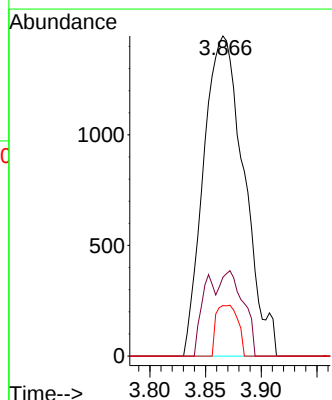
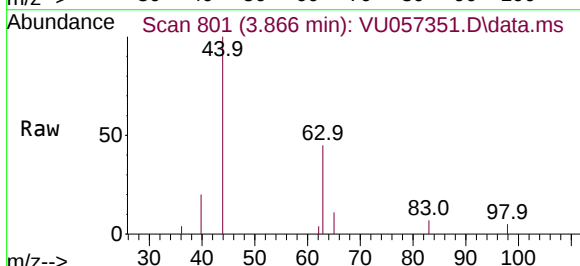
Delta R.T. 0.003 min

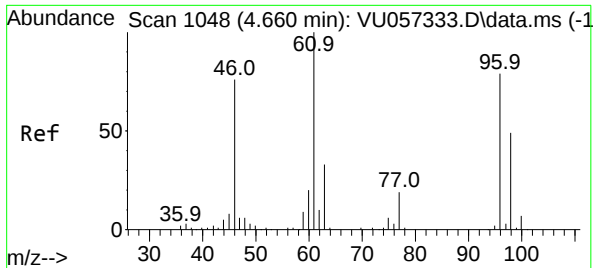
Lab File: VU057351.D

Acq: 28 Dec 2023 22:24

Tgt Ion: 63 Resp: 3652

Ion	Ratio	Lower	Upper
63	100		
65	24.6	23.6	43.8
83	15.8	9.8	18.2

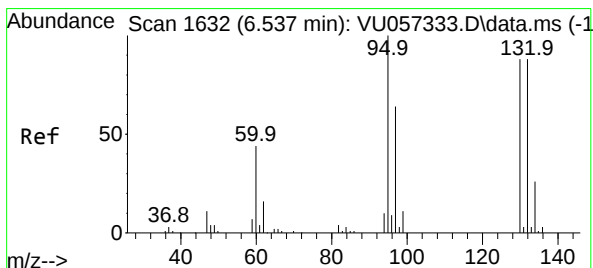
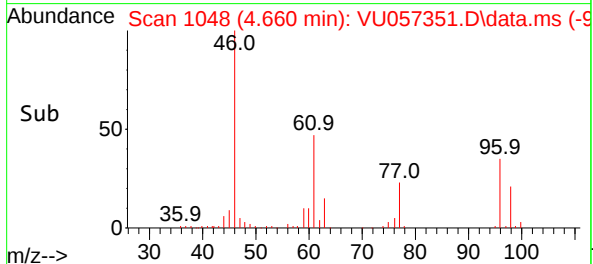
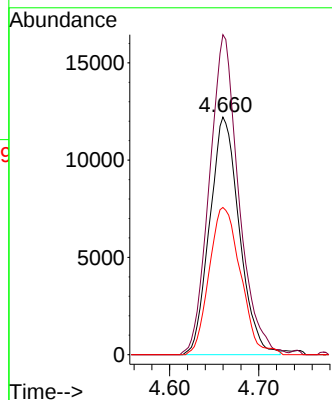
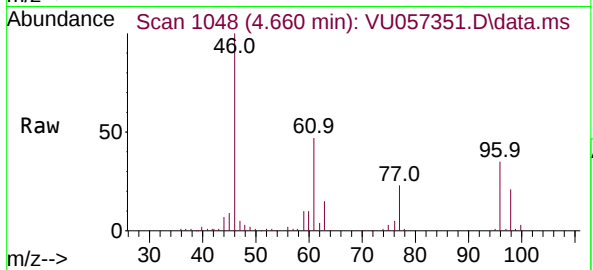




#22
 cis-1,2-Dichloroethene
 Concen: 1.703 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU057351.D
 Acq: 28 Dec 2023 22:24

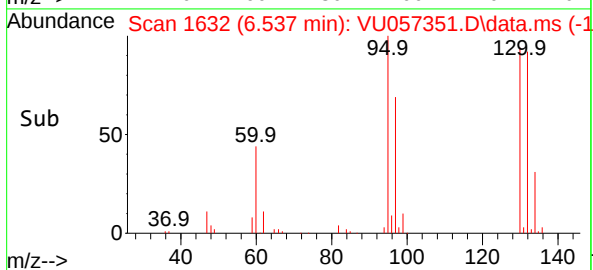
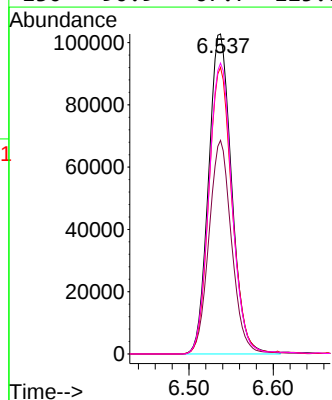
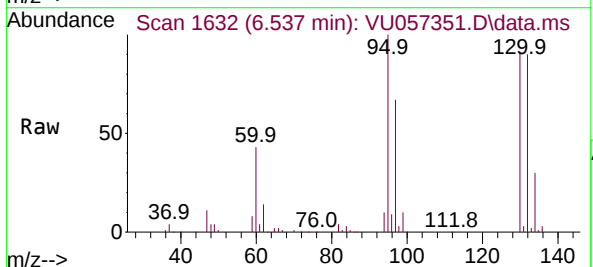
Instrument :
 MSVOA_U
 ClientSampleId :

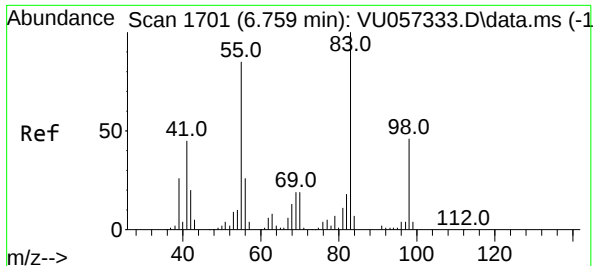
Tgt Ion: 96 Resp: 28252
 Ion Ratio Lower Upper
 96 100
 61 134.7 91.1 169.3
 98 62.0 42.6 79.0



#34
 Trichloroethene
 Concen: 11.263 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. -0.000 min
 Lab File: VU057351.D
 Acq: 28 Dec 2023 22:24

Tgt Ion: 95 Resp: 195476
 Ion Ratio Lower Upper
 95 100
 97 66.8 45.3 84.1
 132 89.5 63.1 117.3
 130 90.9 67.7 125.7





#35

Methylcyclohexane

Concen: 1.109 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.077 min

Lab File: VU057351.D

Acq: 28 Dec 2023 22:24

Instrument :

MSVOA_U

ClientSampleId :

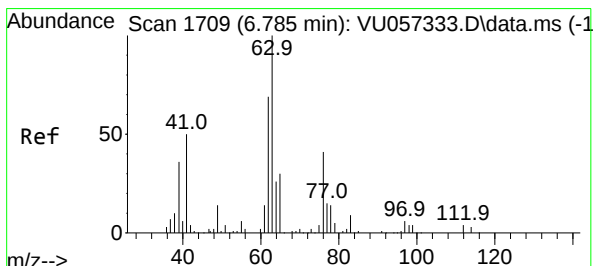
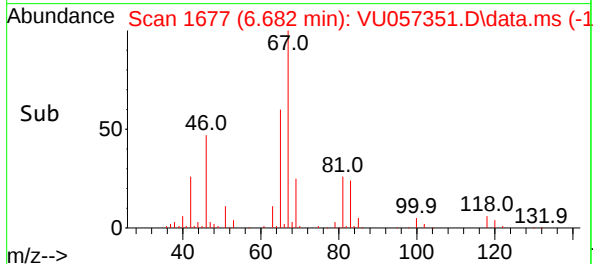
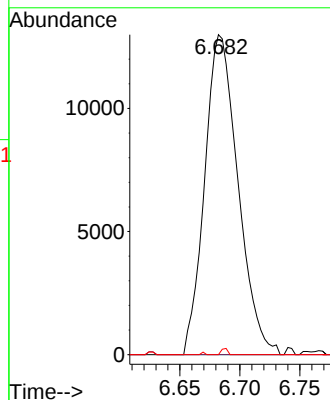
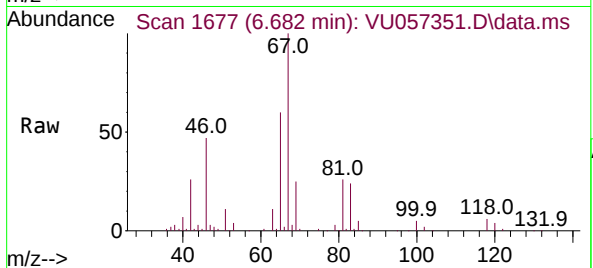
Tgt Ion: 83 Resp: 25148

Ion Ratio Lower Upper

83 100

55 0.0 65.4 98.2#

98 0.4 35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.626 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.103 min

Lab File: VU057351.D

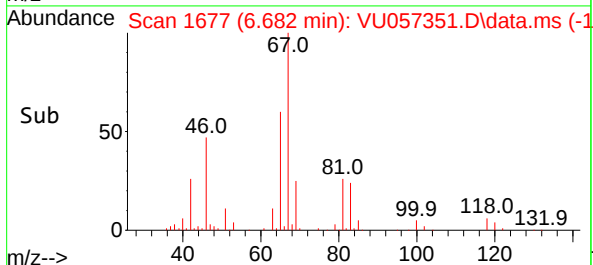
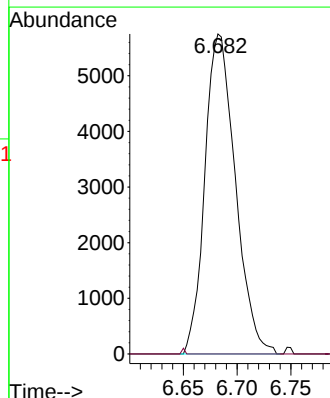
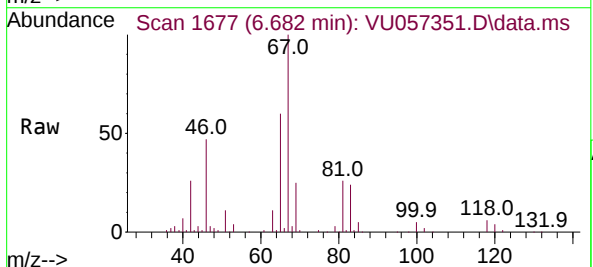
Acq: 28 Dec 2023 22:24

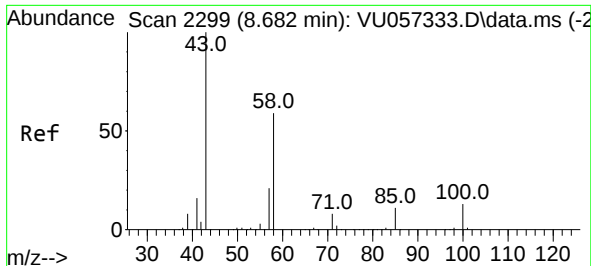
Tgt Ion: 63 Resp: 11347

Ion Ratio Lower Upper

63 100

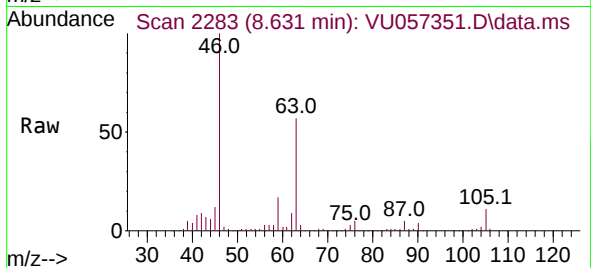
112 0.2 2.9 4.3#



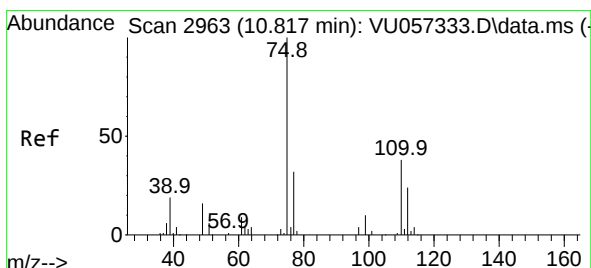
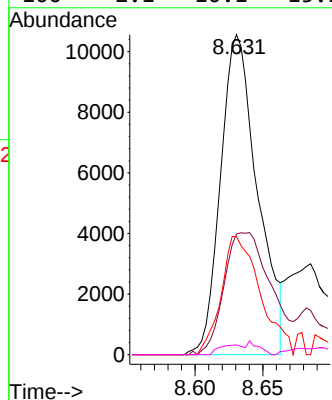
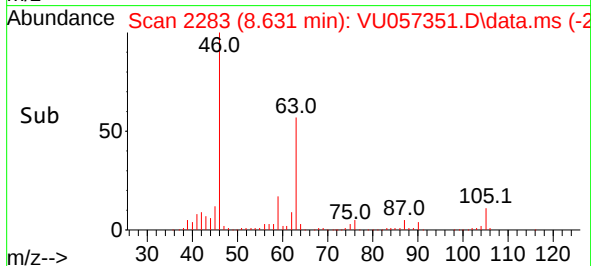


#48
2-Hexanone
Concen: 2.938 ug/L
RT: 8.631 min Scan# 21
Delta R.T. -0.051 min
Lab File: VU057351.D
Acq: 28 Dec 2023 22:24

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43	Resp: 20000
Ion Ratio	Lower Upper
43	100
58	0.0 48.4 72.6#
57	39.0 17.4 26.2#
100	2.1 10.1 15.1#



#61
1,2,3-Trichloropropane
Concen: 1.183 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.987 min
Lab File: VU057351.D
Acq: 28 Dec 2023 22:24

Tgt Ion: 75	Resp: 10853
Ion Ratio	Lower Upper
75	100
110	2.3 29.0 43.6#
77	33.8 25.4 38.2

