

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122823\
 Data File : VU057345.D
 Acq On : 28 Dec 2023 19:59
 Operator : MD/SY
 Sample : 06021-06DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 28 21:40:13 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)

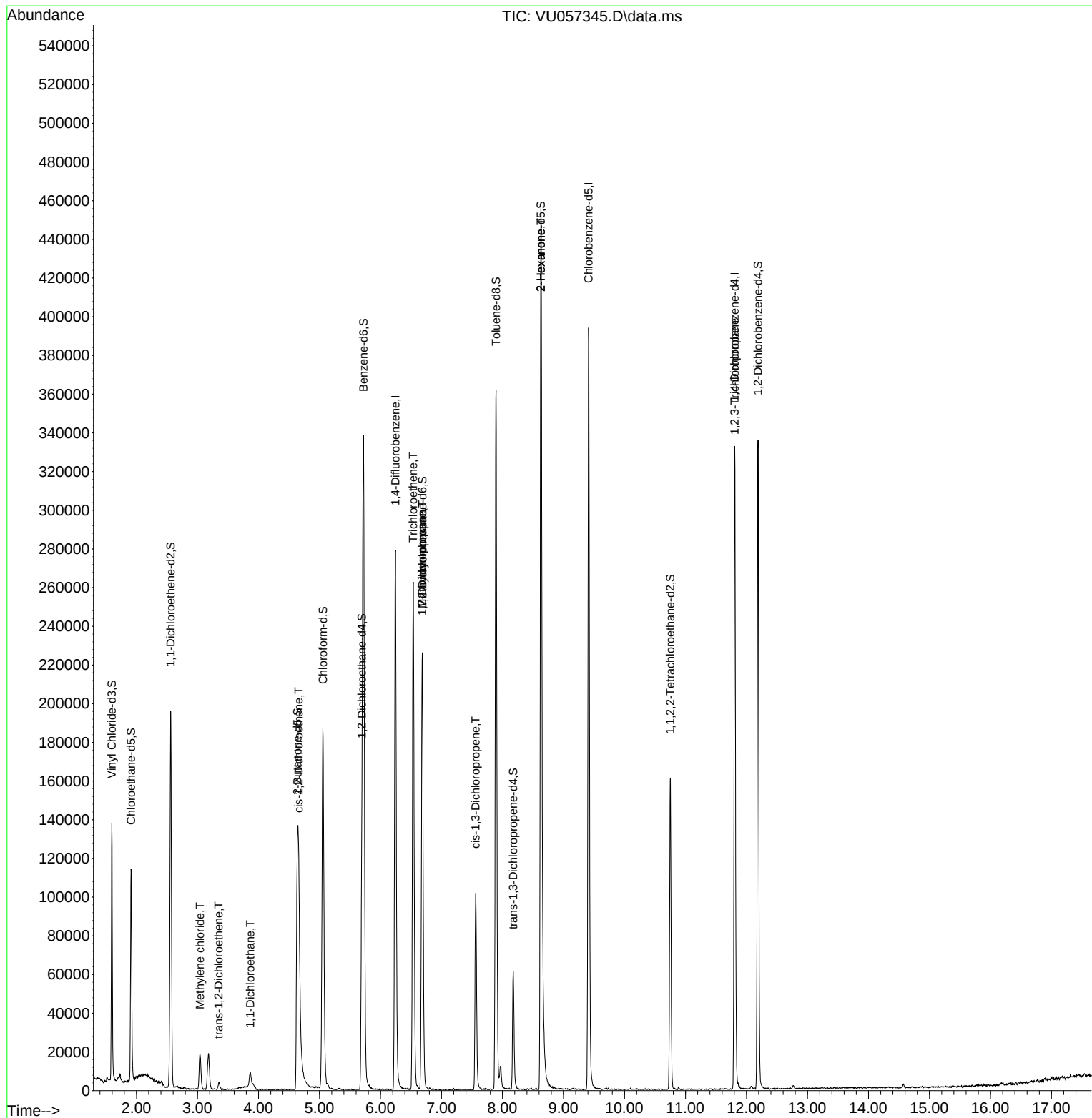
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	220590	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	221891	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	85361	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	91891	4.846	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.000%	
7) Chloroethane-d5	1.911	69	83639	5.491	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	109.800%	
11) 1,1-Dichloroethene-d2	2.560	65	37039	4.907	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	98.200%	
20) 2-Butanone-d5	4.637	46	217128	50.552	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.100%	
24) Chloroform-d	5.055	84	176374	5.230	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.600%	
26) 1,2-Dichloroethane-d4	5.695	65	92809	5.385	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.800%	
32) Benzene-d6	5.721	84	323281	5.111	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.200%	
36) 1,2-Dichloropropane-d6	6.685	67	110465	5.573	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	111.400%	
41) Toluene-d8	7.894	98	249164	4.566	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.400%	
43) trans-1,3-Dichloroprop...	8.174	79	37602	4.728	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.600%	
46) 2-Hexanone-d5	8.631	63	156641	43.488	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.980%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	83105	4.993	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	85184	5.480	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.600%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	9723	0.523	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	1631	0.114	ug/L	97
19) 1,1-Dichloroethane	3.866	63	7804	0.260	ug/L #	91
22) cis-1,2-Dichloroethene	4.660	96	26669	1.613	ug/L	96
34) Trichloroethene	6.534	95	93925	5.514	ug/L	97
35) Methylcyclohexane	6.685	83	26264	1.180	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	11915	0.670	ug/L #	90
39) cis-1,3-Dichloropropene	7.560	75	2737	0.113	ug/L #	56
48) 2-Hexanone	8.631	43	20458	3.062	ug/L #	71
61) 1,2,3-Trichloropropane	11.804	75	10423	1.169	ug/L #	66

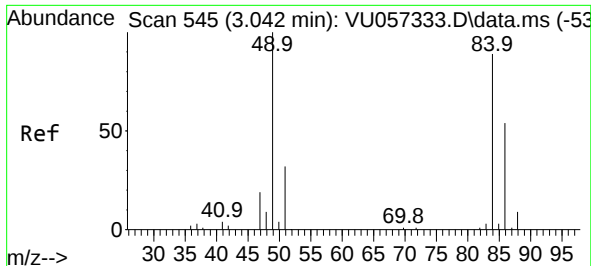
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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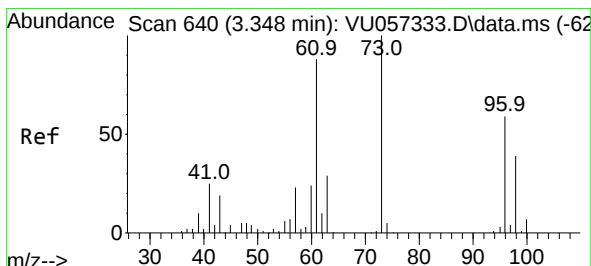
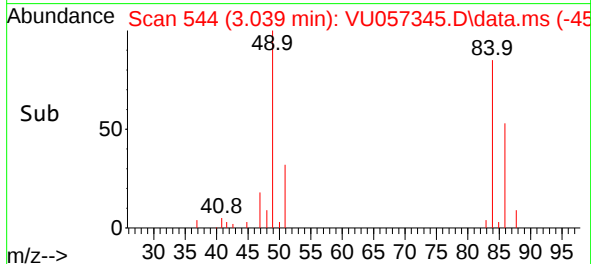
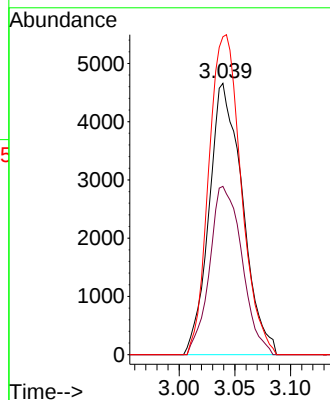
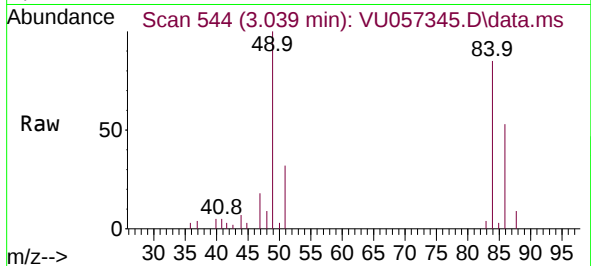




#16
Methylene chloride
Concen: 0.523 ug/L
RT: 3.039 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU057345.D
Acq: 28 Dec 2023 19:59

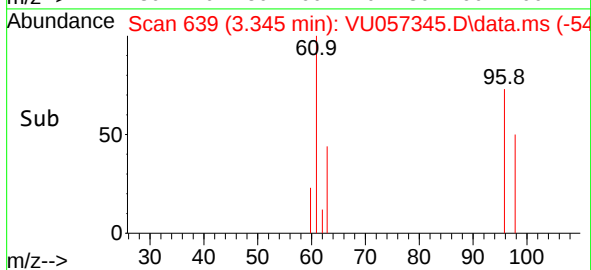
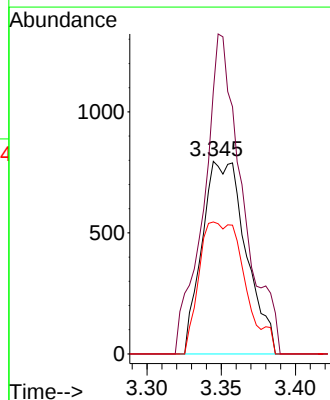
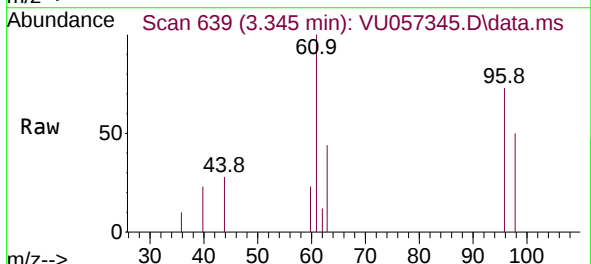
Instrument :
MSVOA_U
ClientSampleId :

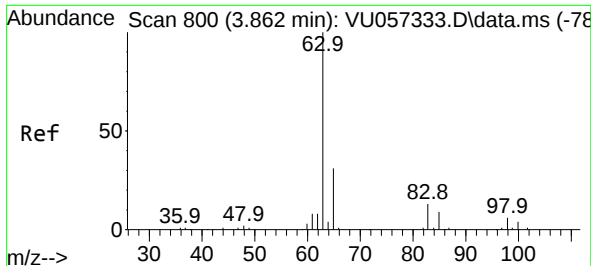
Tgt Ion: 84 Resp: 9723
Ion Ratio Lower Upper
84 100
86 62.0 43.8 81.3
49 117.1 83.2 154.4



#18
trans-1,2-Dichloroethene
Concen: 0.114 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU057345.D
Acq: 28 Dec 2023 19:59

Tgt Ion: 96 Resp: 1631
Ion Ratio Lower Upper
96 100
61 136.3 97.5 181.1
98 68.5 45.9 85.3





#19

1,1-Dichloroethane

Concen: 0.260 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.003 min

Lab File: VU057345.D

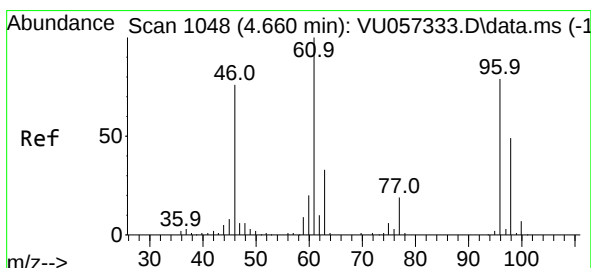
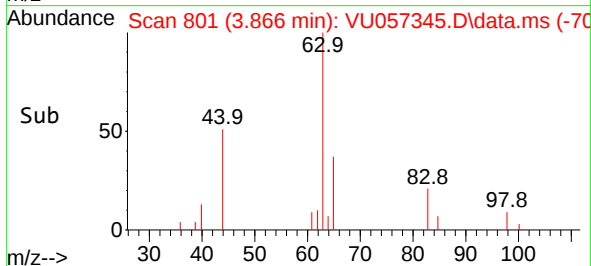
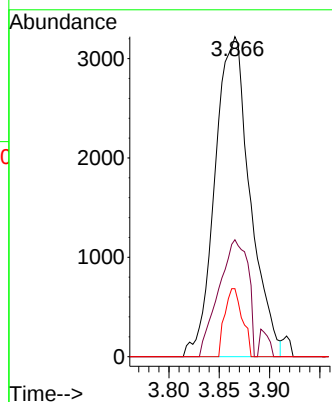
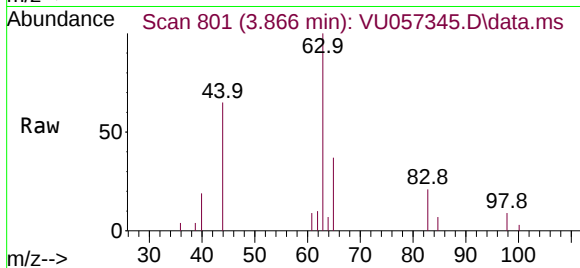
Acq: 28 Dec 2023 19:59

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	7804
Ion	Ratio	Lower	Upper
63	100		
65	36.5	23.6	43.8
83	21.2	9.8	18.2#



#22

cis-1,2-Dichloroethene

Concen: 1.613 ug/L

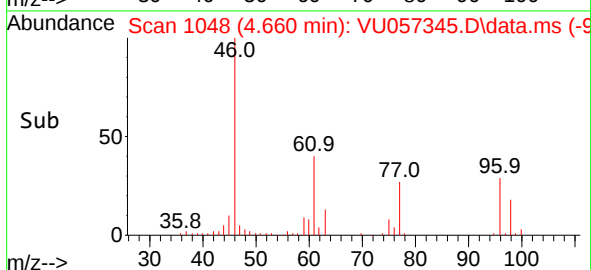
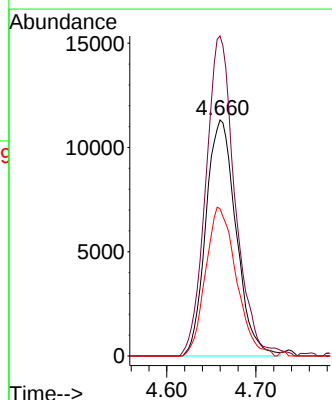
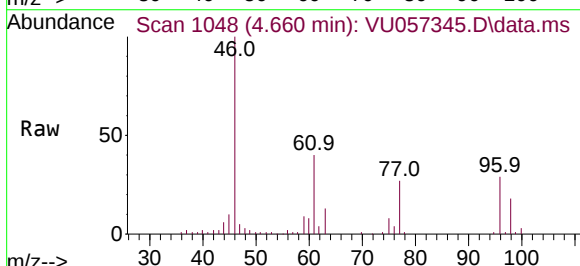
RT: 4.660 min Scan# 1048

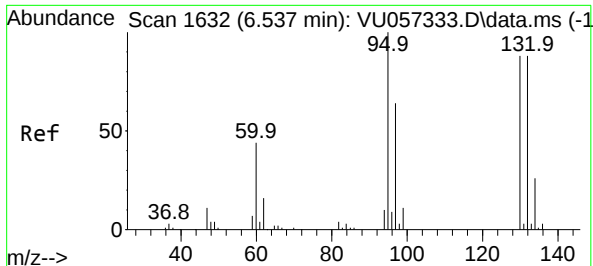
Delta R.T. -0.000 min

Lab File: VU057345.D

Acq: 28 Dec 2023 19:59

Tgt Ion:	96	Resp:	26669
Ion	Ratio	Lower	Upper
96	100		
61	135.6	91.1	169.3
98	62.4	42.6	79.0

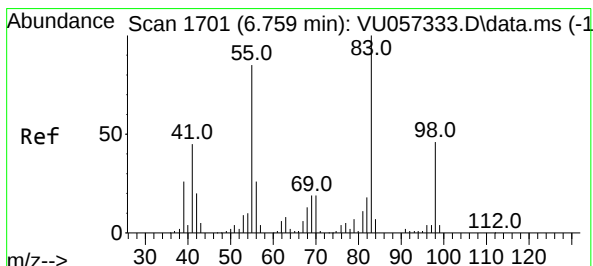
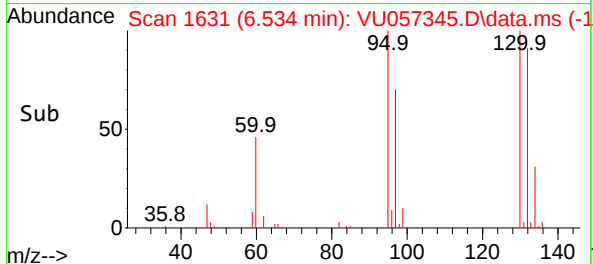
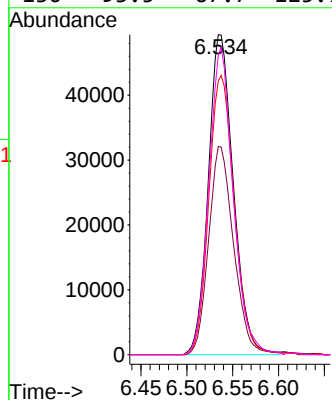
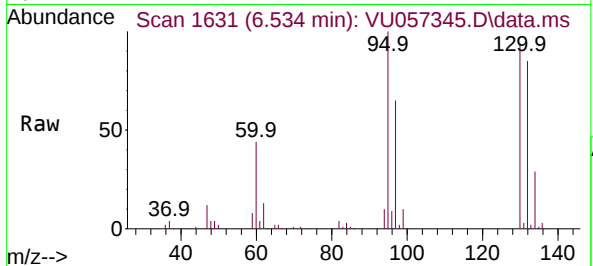




#34
Trichloroethene
Concen: 5.514 ug/L
RT: 6.534 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VU057345.D
Acq: 28 Dec 2023 19:59

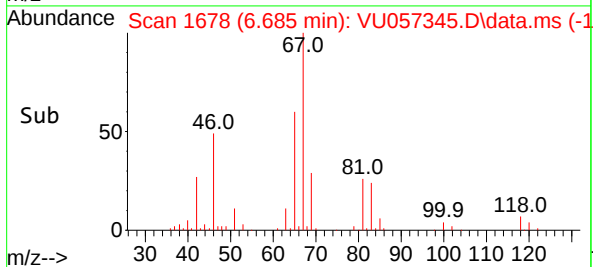
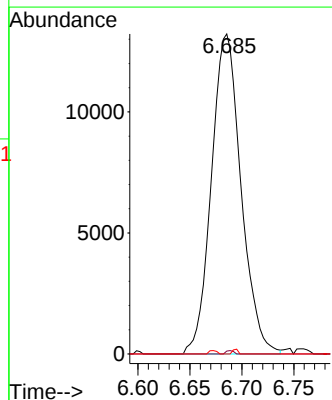
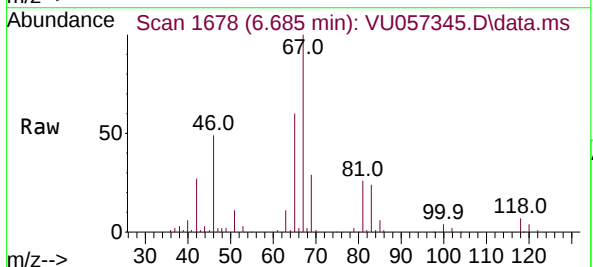
Instrument :
MSVOA_U
ClientSampleId :

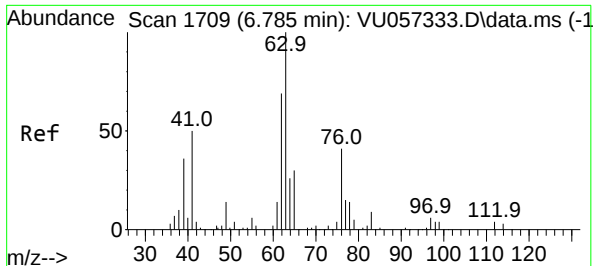
Tgt Ion: 95 Resp: 93925
Ion Ratio Lower Upper
95 100
97 65.1 45.3 84.1
132 85.5 63.1 117.3
130 93.5 67.7 125.7



#35
Methylcyclohexane
Concen: 1.180 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057345.D
Acq: 28 Dec 2023 19:59

Tgt Ion: 83 Resp: 26264
Ion Ratio Lower Upper
83 100
55 0.3 65.4 98.2#
98 2.1 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.670 ug/L

RT: 6.682 min Scan# 11915

Delta R.T. -0.103 min

Lab File: VU057345.D

Acq: 28 Dec 2023 19:59

Instrument :

MSVOA_U

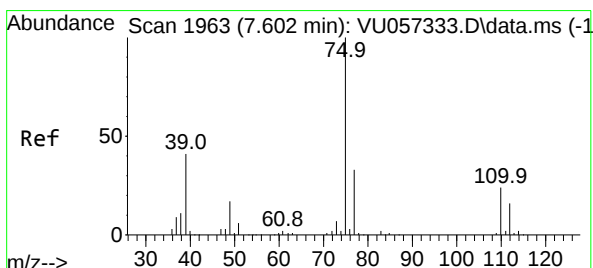
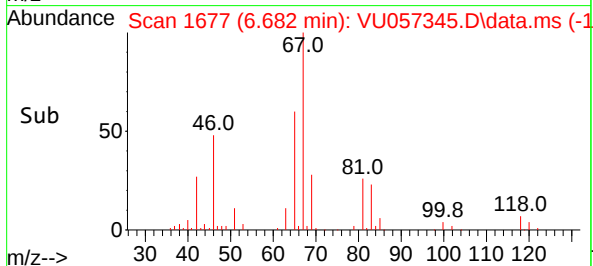
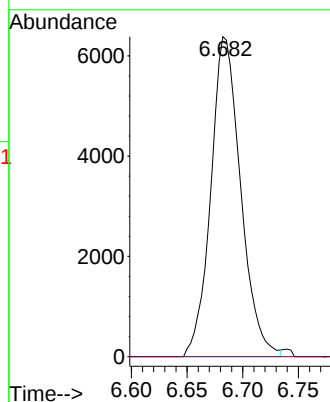
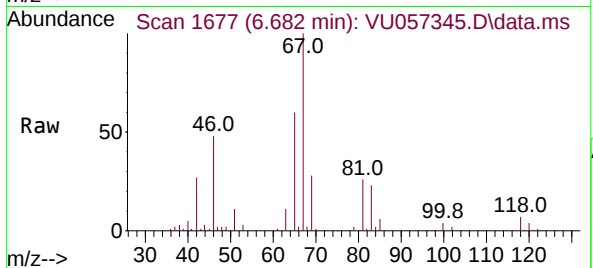
ClientSampleId :

Tgt Ion: 63 Resp: 11915

Ion Ratio Lower Upper

63 100

112 0.3 2.9 4.3#



#39

cis-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 7.560 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU057345.D

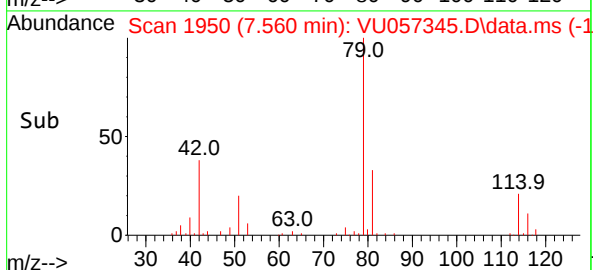
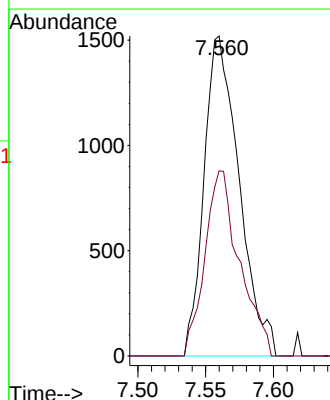
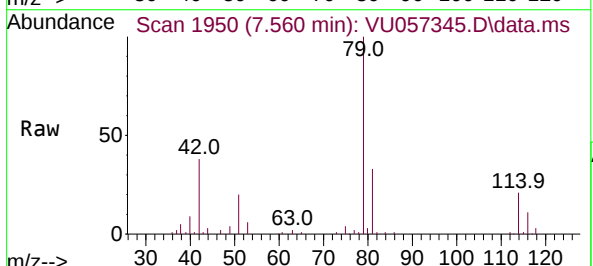
Acq: 28 Dec 2023 19:59

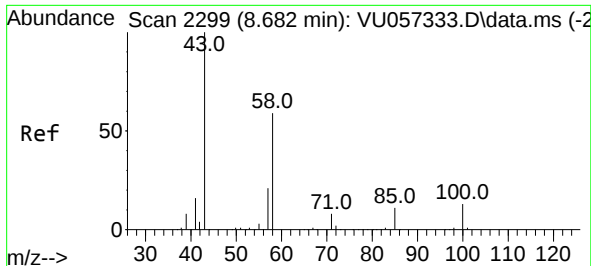
Tgt Ion: 75 Resp: 2737

Ion Ratio Lower Upper

75 100

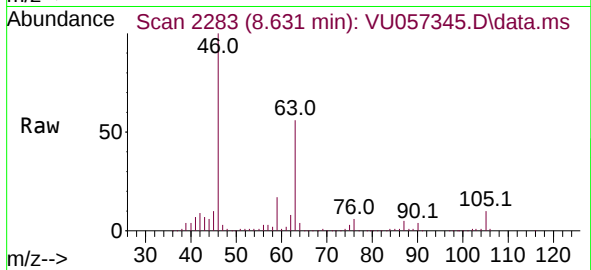
77 57.8 23.0 42.8#



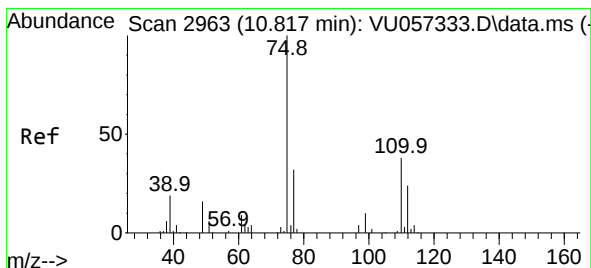
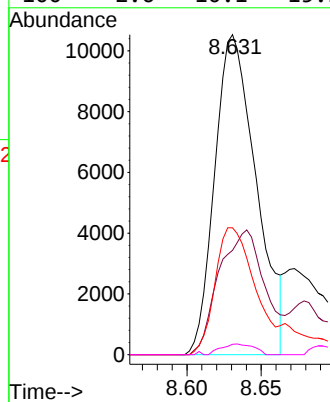
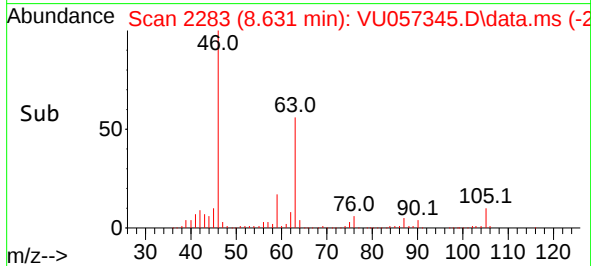


#48
2-Hexanone
Concen: 3.062 ug/L
RT: 8.631 min Scan# 21
Delta R.T. -0.051 min
Lab File: VU057345.D
Acq: 28 Dec 2023 19:59

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 20458
Ion Ratio Lower Upper
43 100
58 43.9 48.4 72.6#
57 46.8 17.4 26.2#
100 2.6 10.1 15.1#



#61
1,2,3-Trichloropropane
Concen: 1.169 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.987 min
Lab File: VU057345.D
Acq: 28 Dec 2023 19:59

Tgt Ion: 75 Resp: 10423
Ion Ratio Lower Upper
75 100
110 1.5 29.0 43.6#
77 34.4 25.4 38.2

