

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122623\
 Data File : VU057248.D
 Acq On : 26 Dec 2023 20:48
 Operator : MD/SY
 Sample : 05976-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 26 23:44:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 26 23:39:51 2023
 Response via : Initial Calibration

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

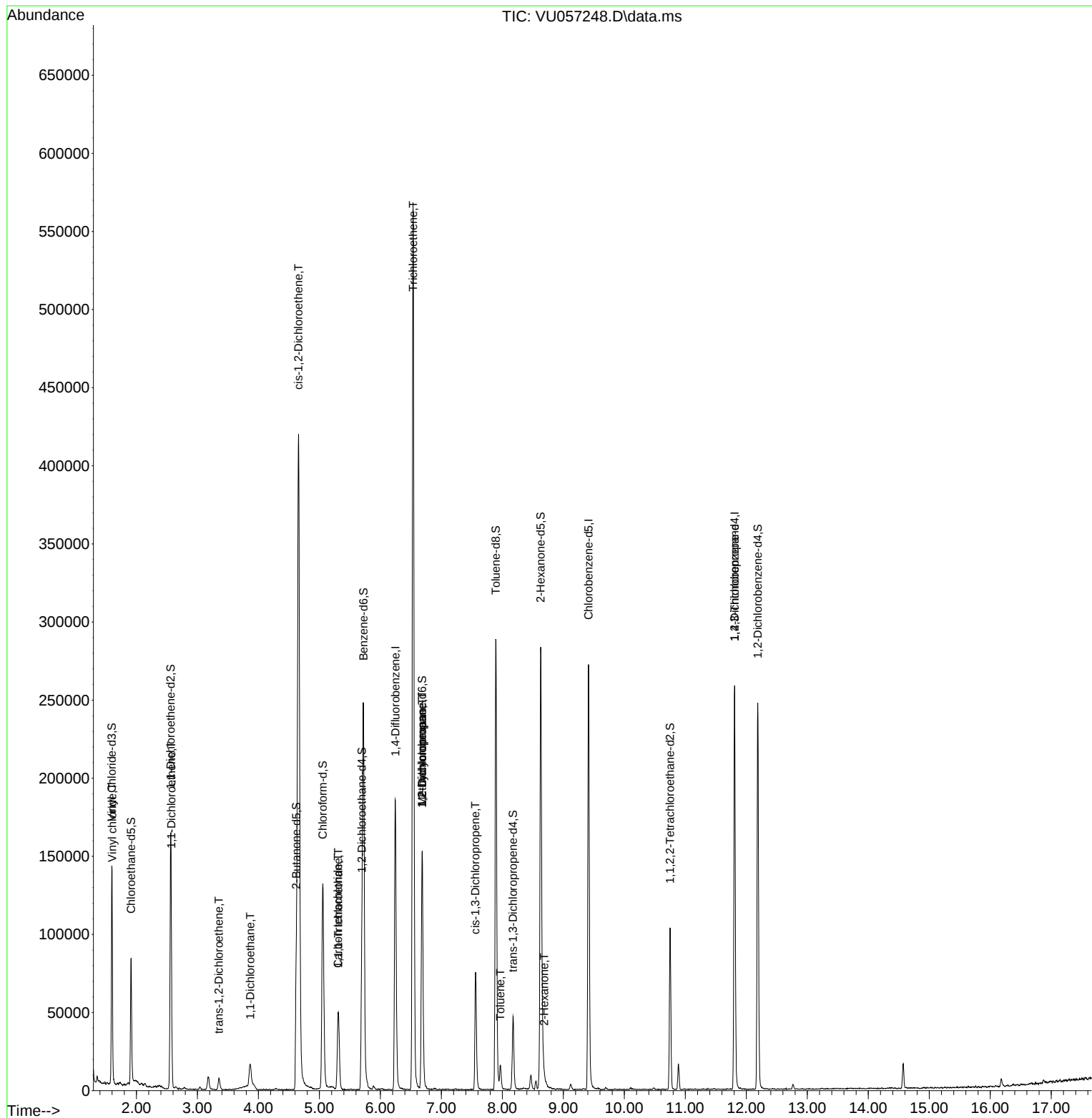
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	148954	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	154131	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	67835	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	80624	5.663	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.200%
7) Chloroethane-d5	1.911	69	59267	5.057	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.200%
11) 1,1-Dichloroethene-d2	2.560	65	31406	5.091	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.800%
20) 2-Butanone-d5	4.621	46	126875	56.759	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.520%
24) Chloroform-d	5.055	84	126617	4.605	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.695	65	62283	4.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.721	84	239597	4.532	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.682	67	73827	4.907	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.891	98	195542	4.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	8.174	79	27355	4.368	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.628	63	95761	44.912	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.820%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	51527	4.813	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	64805	4.440	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	23683	1.819	ug/L	97
12) 1,1-Dichloroethene	2.570	96	2320	0.208	ug/L #	1
18) trans-1,2-Dichloroethene	3.351	96	3431	0.316	ug/L	93
19) 1,1-Dichloroethane	3.866	63	16496	0.765	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	213503	17.852	ug/L	94
29) 1,1,1-Trichloroethane	5.309	97	37682	1.538	ug/L	97
31) Carbon tetrachloride	5.306	117	4659	0.216	ug/L	99
34) Trichloroethene	6.534	95	203400	14.235	ug/L	97
35) Methylcyclohexane	6.685	83	17839	0.948	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	7981	0.657	ug/L #	88
39) cis-1,3-Dichloropropene	7.557	75	2352	0.129	ug/L #	79
42) Toluene	7.965	91	11752	0.227	ug/L	99
48) 2-Hexanone	8.685	43	2608	0.671	ug/L #	57
61) 1,2,3-Trichloropropane	11.807	75	8393	1.328	ug/L #	65

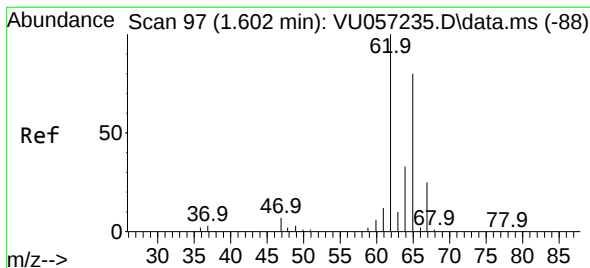
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 26 23:39:51 2023
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#5

Vinyl chloride

Concen: 1.819 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU057248.D

Acq: 26 Dec 2023 20:48

Instrument :

MSVOA_U

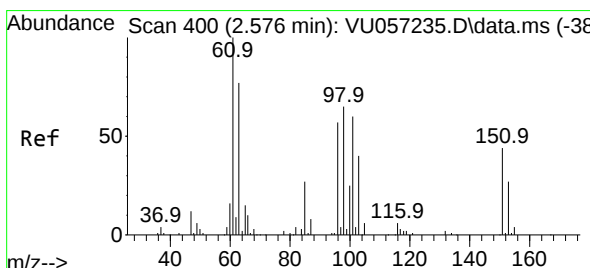
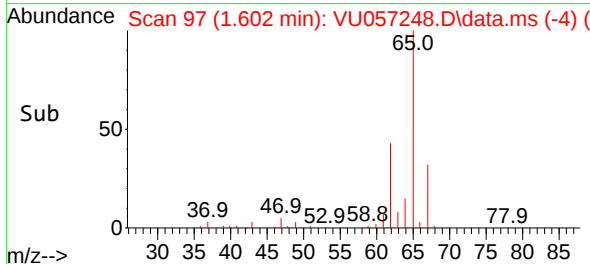
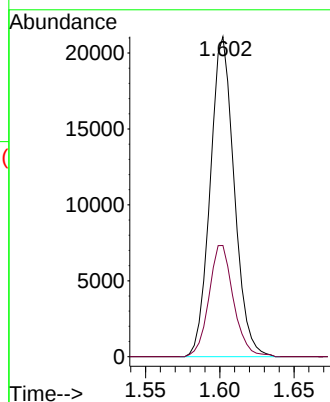
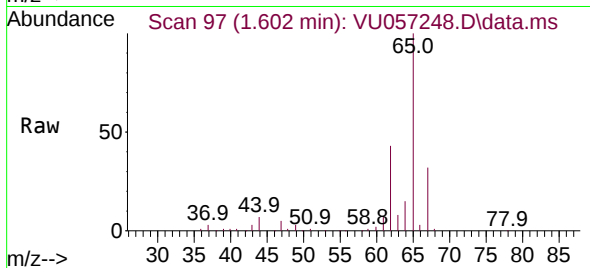
ClientSampleId :

Tgt Ion: 62 Resp: 23683

Ion Ratio Lower Upper

62 100

64 34.7 23.3 43.3



#12

1,1-Dichloroethene

Concen: 0.208 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.006 min

Lab File: VU057248.D

Acq: 26 Dec 2023 20:48

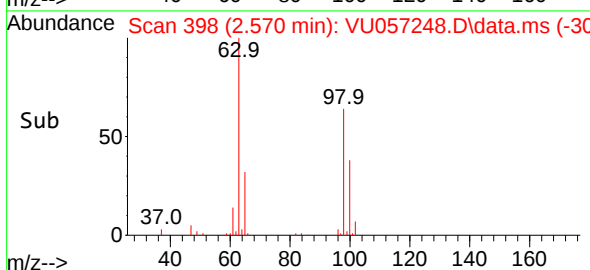
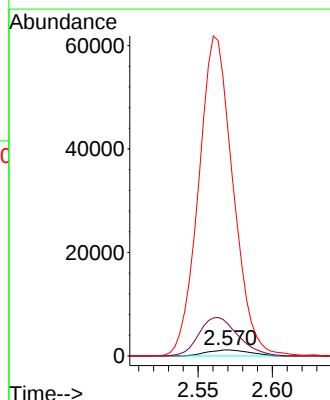
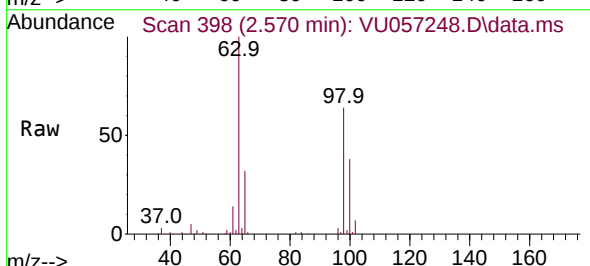
Tgt Ion: 96 Resp: 2320

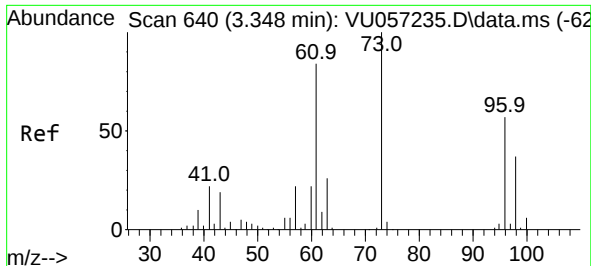
Ion Ratio Lower Upper

96 100

61 532.6 119.6 222.0#

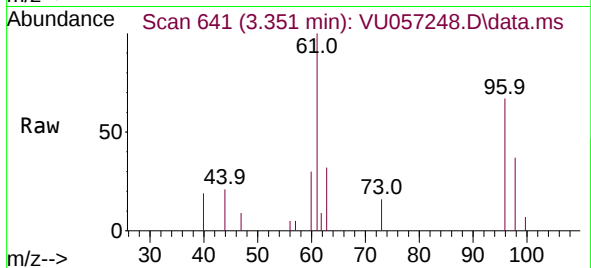
63 3774.4 96.2 178.8#



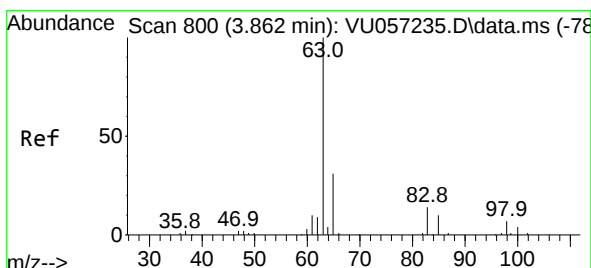
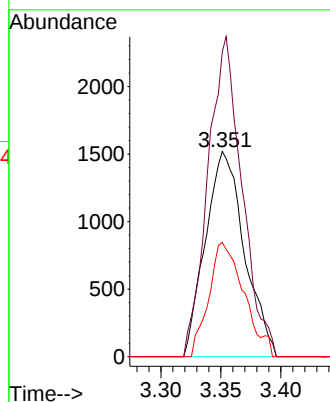
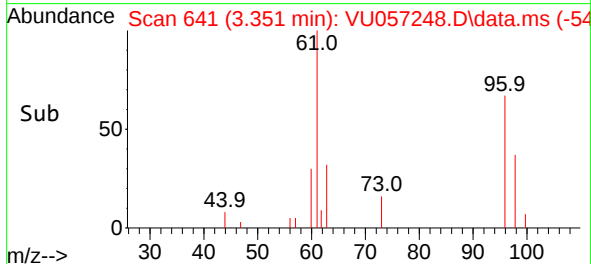


#18
trans-1,2-Dichloroethene
Concen: 0.316 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU057248.D
Acq: 26 Dec 2023 20:48

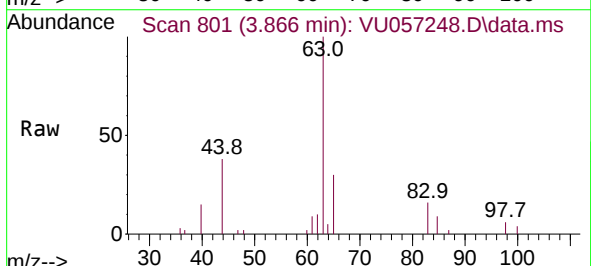
Instrument :
MSVOA_U
ClientSampleId :



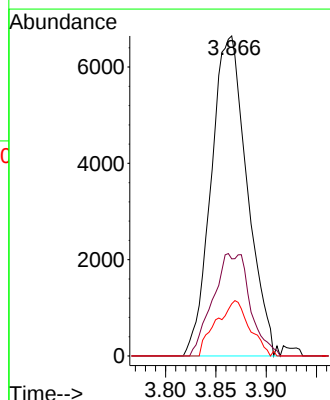
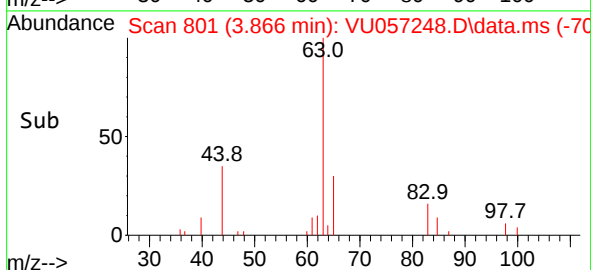
Tgt Ion: 96 Resp: 3431
Ion Ratio Lower Upper
96 100
61 148.6 98.4 182.8
98 55.7 43.6 81.0

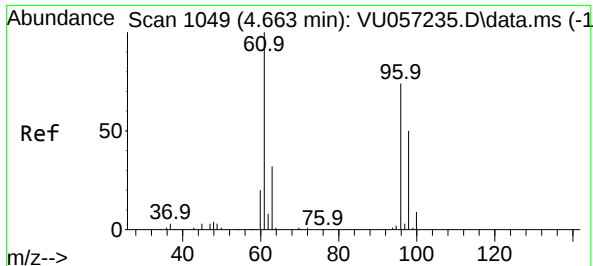


#19
1,1-Dichloroethane
Concen: 0.765 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU057248.D
Acq: 26 Dec 2023 20:48



Tgt Ion: 63 Resp: 16496
Ion Ratio Lower Upper
63 100
65 30.3 21.6 40.2
83 16.3 10.2 19.0





#22

cis-1,2-Dichloroethene

Concen: 17.852 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. -0.006 min

Lab File: VU057248.D

Acq: 26 Dec 2023 20:48

Instrument :

MSVOA_U

ClientSampleId :

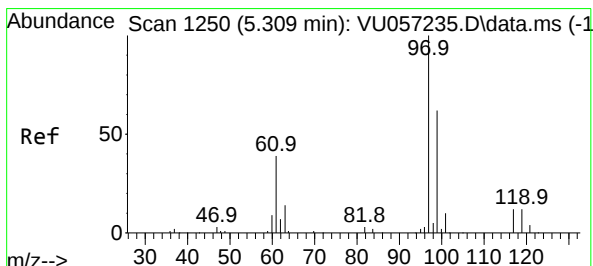
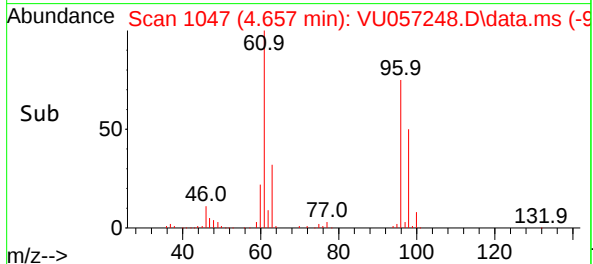
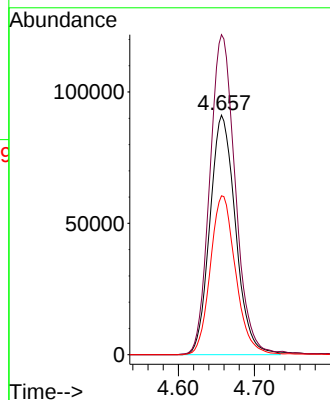
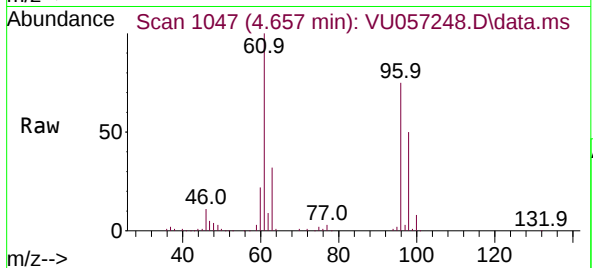
Tgt Ion: 96 Resp: 213503

Ion Ratio Lower Upper

96 100

61 133.6 86.8 161.2

98 66.3 45.5 84.5



#29

1,1,1-Trichloroethane

Concen: 1.538 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. 0.000 min

Lab File: VU057248.D

Acq: 26 Dec 2023 20:48

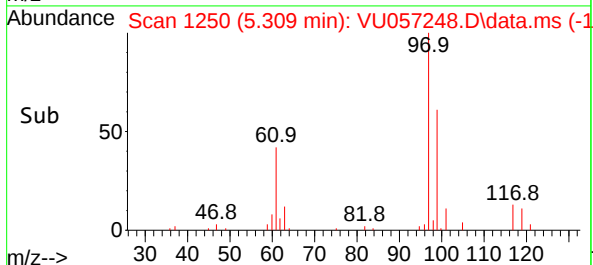
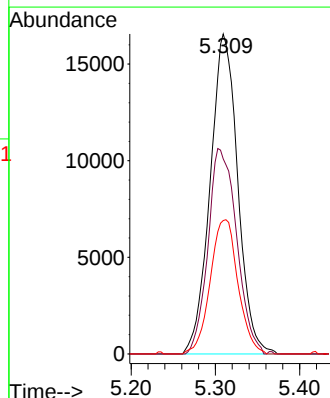
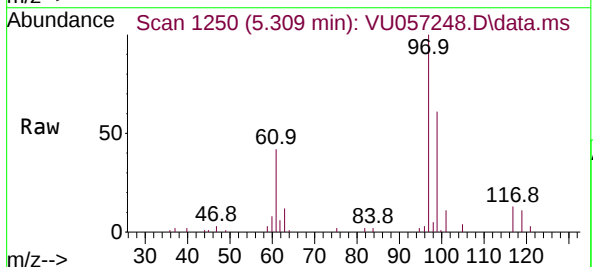
Tgt Ion: 97 Resp: 37682

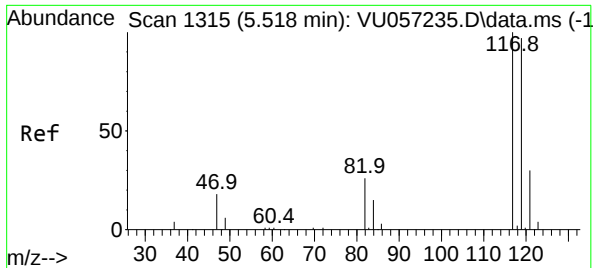
Ion Ratio Lower Upper

97 100

99 66.6 51.2 76.8

61 42.2 32.5 48.7

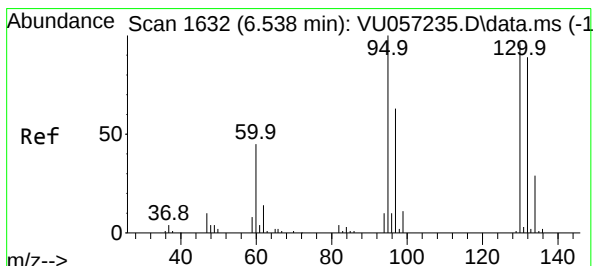
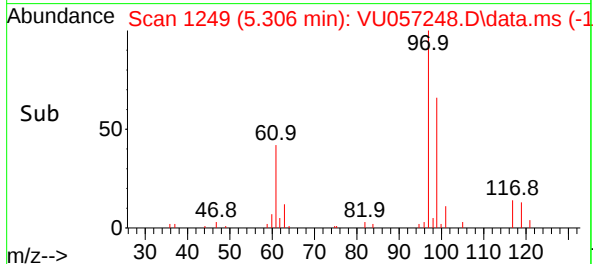
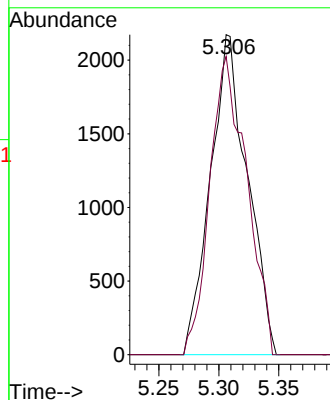
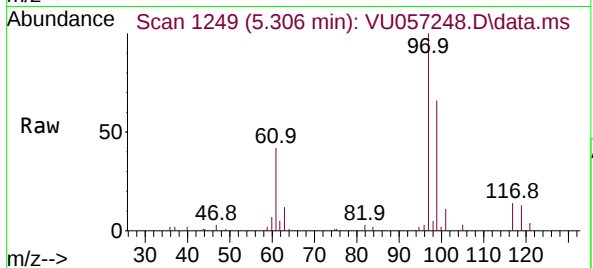




#31
Carbon tetrachloride
Concen: 0.216 ug/L
RT: 5.306 min Scan# 117
Delta R.T. -0.212 min
Lab File: VU057248.D
Acq: 26 Dec 2023 20:48

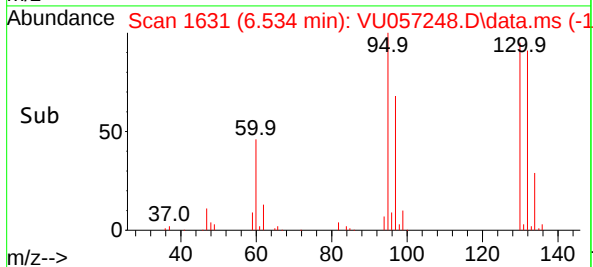
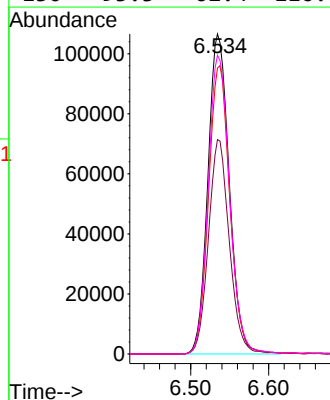
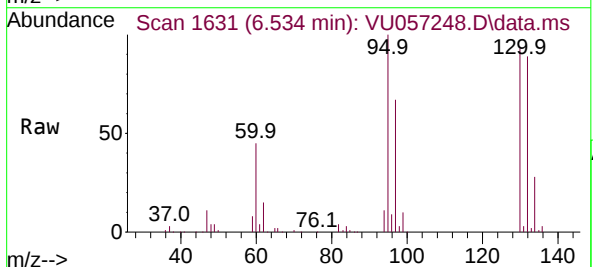
Instrument :
MSVOA_U
ClientSampleId :

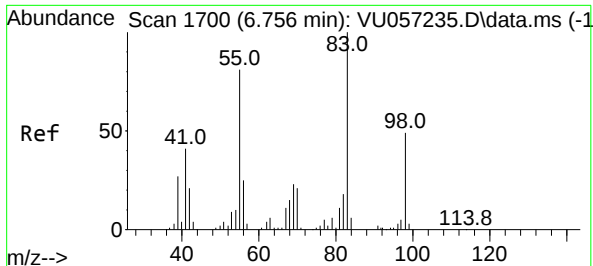
Tgt Ion:117 Resp: 4659
Ion Ratio Lower Upper
117 100
119 93.3 75.1 112.7



#34
Trichloroethene
Concen: 14.235 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU057248.D
Acq: 26 Dec 2023 20:48

Tgt Ion: 95 Resp: 203400
Ion Ratio Lower Upper
95 100
97 67.0 44.3 82.3
132 89.4 62.6 116.2
130 93.3 62.4 116.0

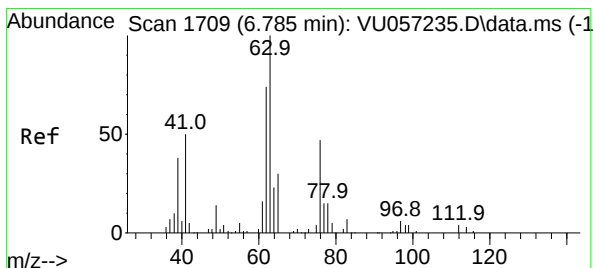
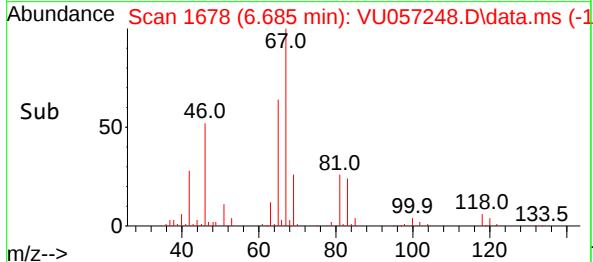
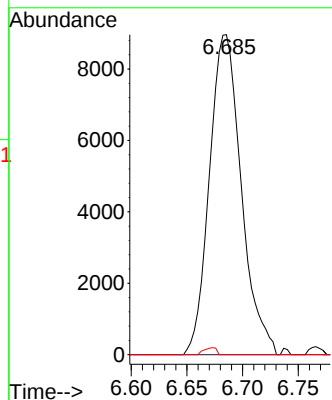
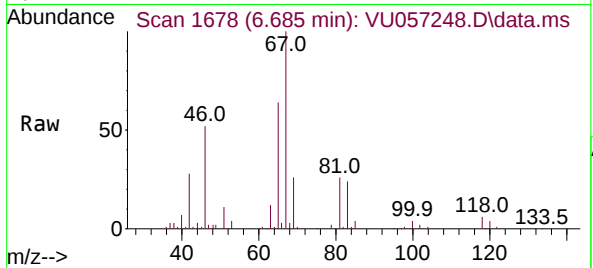




#35
Methylcyclohexane
Concen: 0.948 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU057248.D
Acq: 26 Dec 2023 20:48

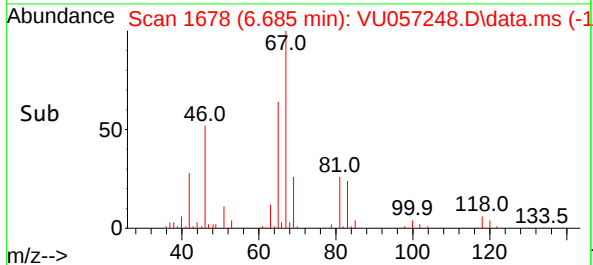
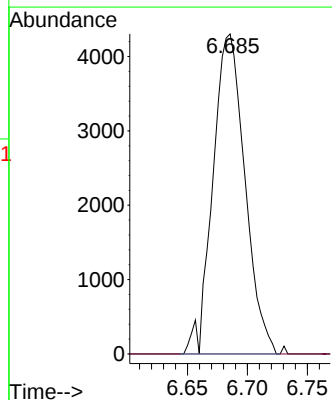
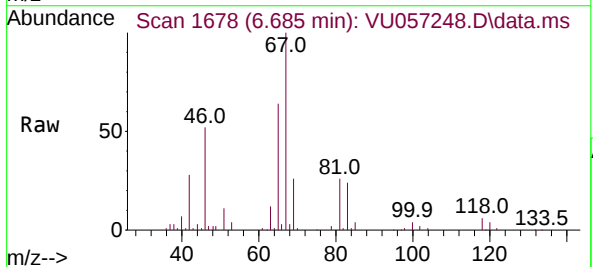
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MSVOA_U
ClientSampleId :

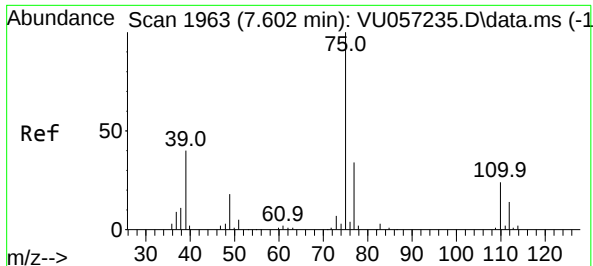
Tgt Ion: 83 Resp: 17839
Ion Ratio Lower Upper
83 100
55 0.0 61.3 91.9#
98 0.0 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.657 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU057248.D
Acq: 26 Dec 2023 20:48

Tgt Ion: 63 Resp: 7981
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.129 ug/L

RT: 7.557 min Scan# 1963

Delta R.T. -0.045 min

Lab File: VU057248.D

Acq: 26 Dec 2023 20:48

Instrument :

MSVOA_U

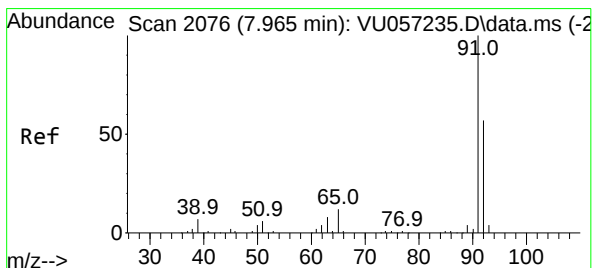
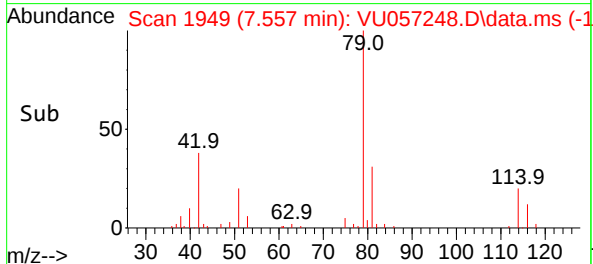
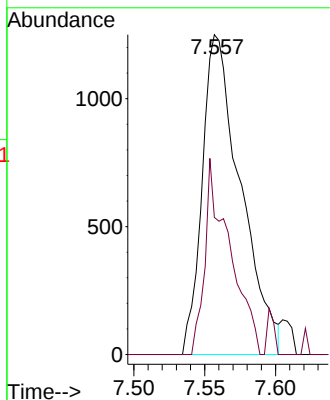
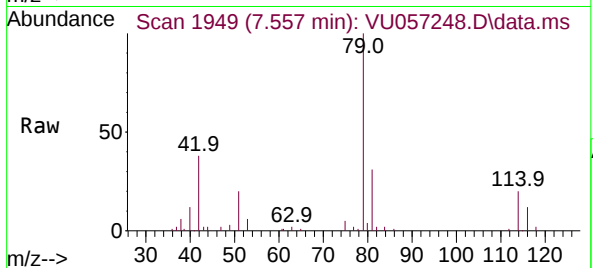
ClientSampleId :

Tgt Ion: 75 Resp: 2352

Ion Ratio Lower Upper

75 100

77 42.9 21.8 40.4#



#42

Toluene

Concen: 0.227 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU057248.D

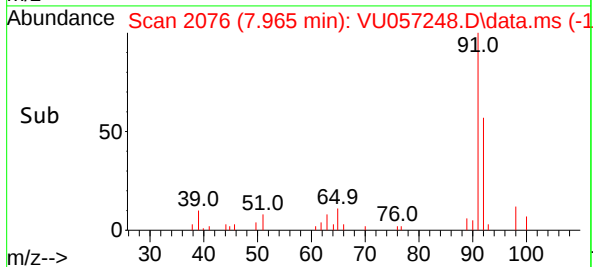
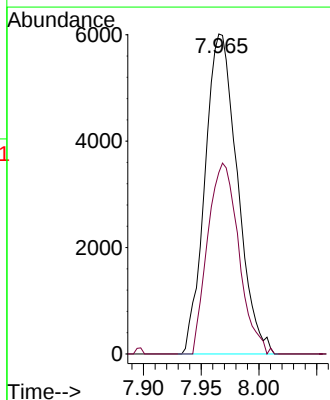
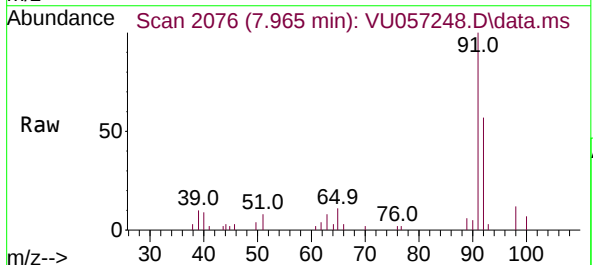
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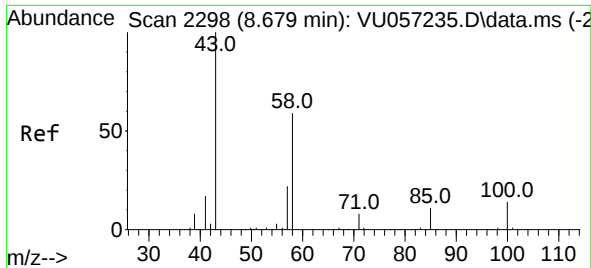
Tgt Ion: 91 Resp: 11752

Ion Ratio Lower Upper

91 100

92 56.7 40.5 75.1

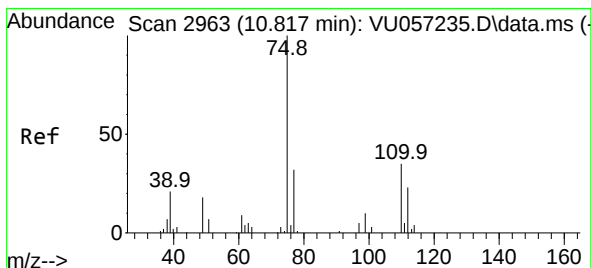
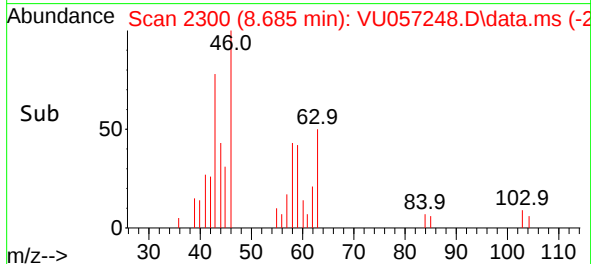
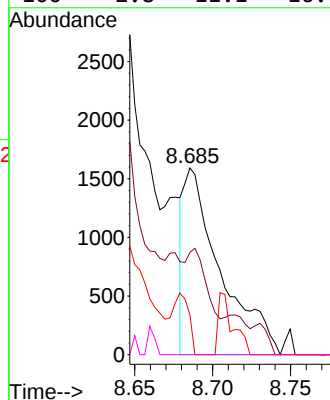
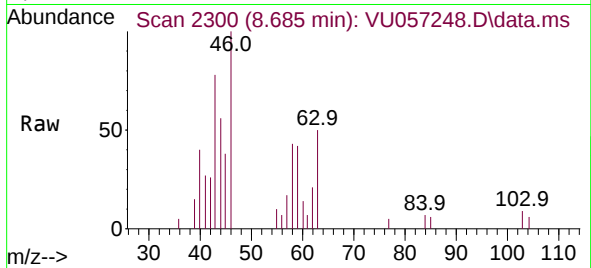




#48
2-Hexanone
Concen: 0.671 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU057248.D
Acq: 26 Dec 2023 20:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	43	Resp:	2608
Ion	Ratio	Lower	Upper
43	100		
58	18.2	49.8	74.8#
57	15.4	18.5	27.7#
100	2.8	11.1	16.7#



#61
1,2,3-Trichloropropane
Concen: 1.328 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU057248.D
Acq: 26 Dec 2023 20:48

Tgt Ion:	75	Resp:	8393
Ion	Ratio	Lower	Upper
75	100		
110	2.6	31.2	46.8#
77	34.8	25.5	38.3

