

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122623\
 Data File : VU057247.D
 Acq On : 26 Dec 2023 20:23
 Operator : MD/SY
 Sample : 05976-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 26 23:44:11 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)

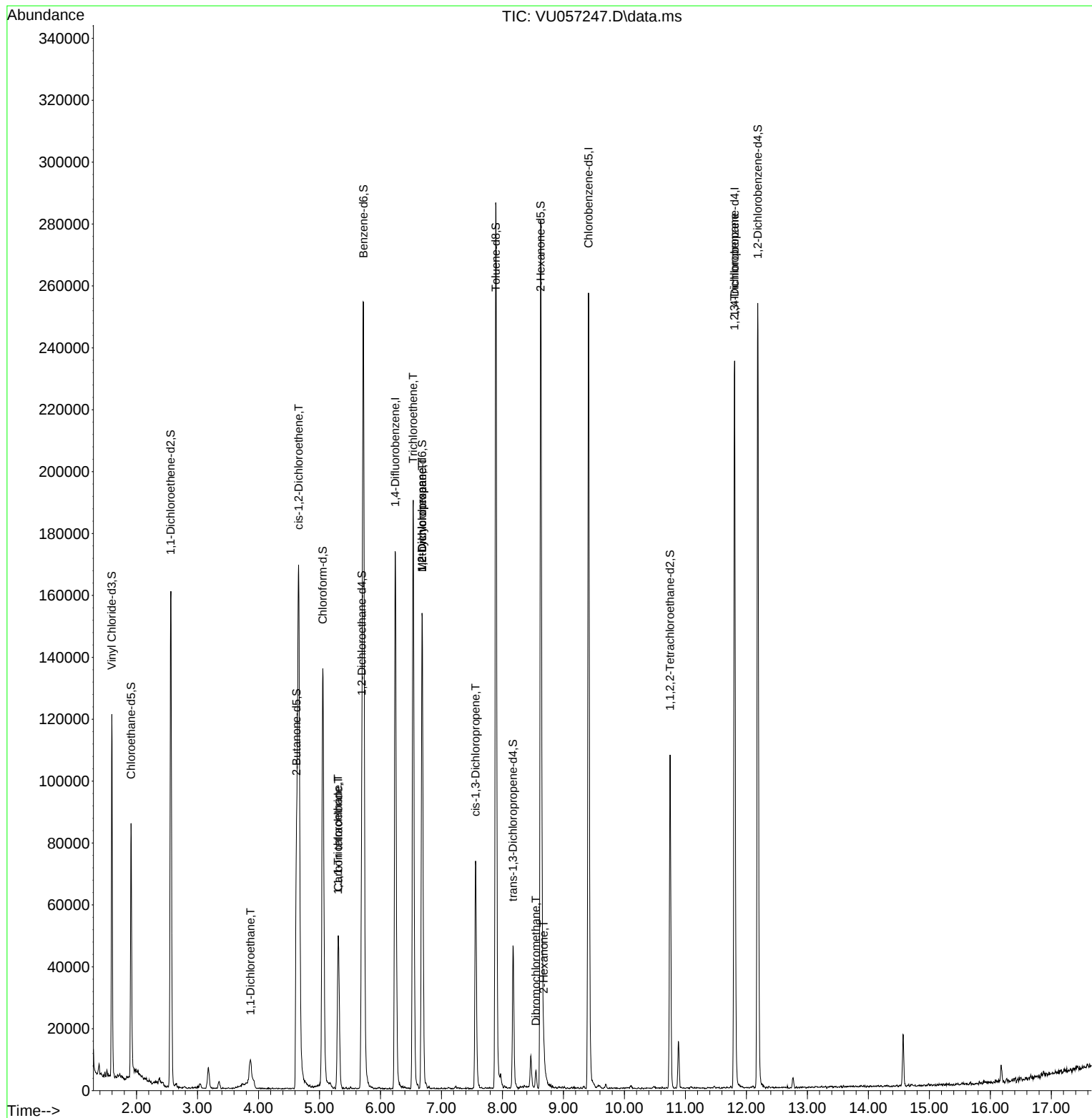
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	140352	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	145944	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	62961	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	81949	6.109	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 122.200%		
7) Chloroethane-d5	1.911	69	59562	5.394	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 107.800%		
11) 1,1-Dichloroethene-d2	2.560	65	31069	5.346	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 107.000%		
20) 2-Butanone-d5	4.624	46	116936	55.519	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 111.040%		
24) Chloroform-d	5.055	84	127918	4.938	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 98.800%		
26) 1,2-Dichloroethane-d4	5.695	65	64347	5.212	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 104.200%		
32) Benzene-d6	5.721	84	245094	4.896	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 98.000%		
36) 1,2-Dichloropropane-d6	6.685	67	72888	5.117	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 102.400%		
41) Toluene-d8	7.891	98	195071	4.268	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 85.400%		
43) trans-1,3-Dichloroprop...	8.174	79	26704	4.503	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 90.000%		
46) 2-Hexanone-d5	8.627	63	91244	45.194	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 90.380%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	54043	5.332	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 106.600%		
66) 1,2-Dichlorobenzene-d4	12.187	152	66424	4.903	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 98.000%		
Target Compounds						Qvalue
19) 1,1-Dichloroethane	3.869	63	9414	0.464	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	80171	7.114	ug/L	95
29) 1,1,1-Trichloroethane	5.306	97	36097	1.556	ug/L	98
31) Carbon tetrachloride	5.309	117	4372	0.214	ug/L	98
34) Trichloroethene	6.534	95	68945	5.096	ug/L	96
35) Methylcyclohexane	6.685	83	17768	0.998	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	8060	0.700	ug/L #	91
39) cis-1,3-Dichloropropene	7.560	75	2236	0.129	ug/L #	76
48) 2-Hexanone	8.679	43	3451	0.938	ug/L #	92
49) Dibromochloromethane	8.550	129	1371	0.133	ug/L #	10
61) 1,2,3-Trichloropropane	11.804	75	7671	1.308	ug/L #	62

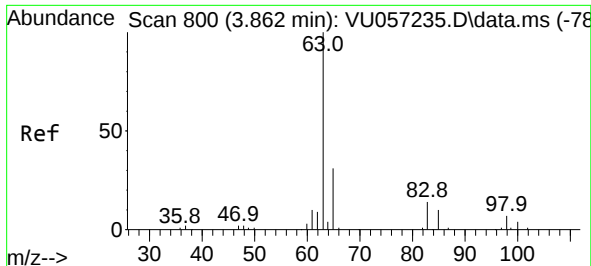
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.464 ug/L

RT: 3.869 min Scan# 800

Delta R.T. 0.006 min

Lab File: VU057247.D

Acq: 26 Dec 2023 20:23

Instrument :

MSVOA_U

ClientSampleId :

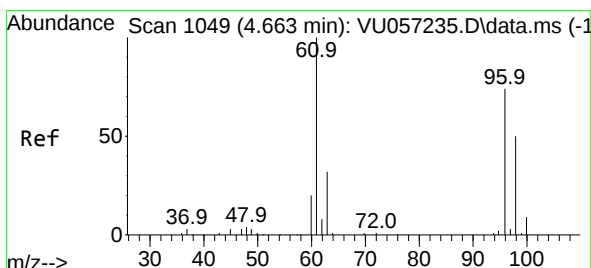
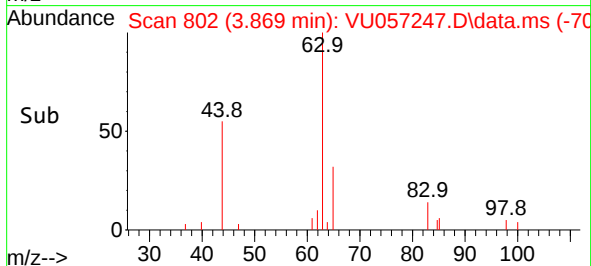
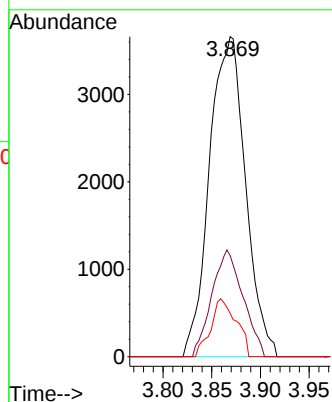
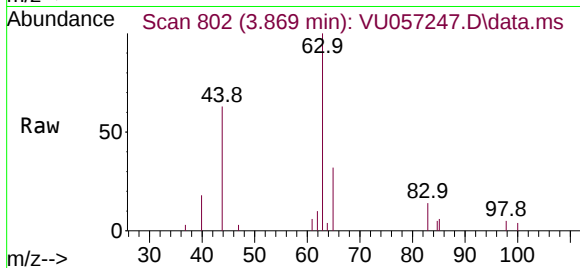
Tgt Ion: 63 Resp: 9414

Ion Ratio Lower Upper

63 100

65 30.3 21.6 40.2

83 13.0 10.2 19.0



#22

cis-1,2-Dichloroethene

Concen: 7.114 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.003 min

Lab File: VU057247.D

Acq: 26 Dec 2023 20:23

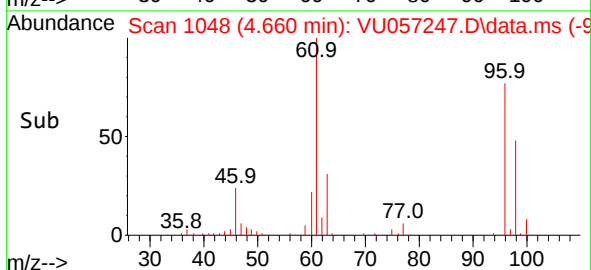
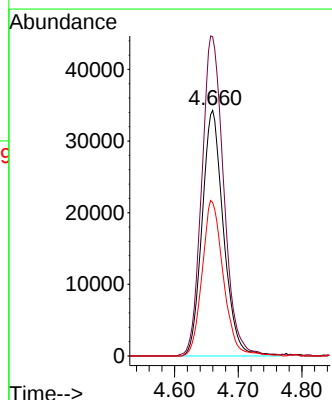
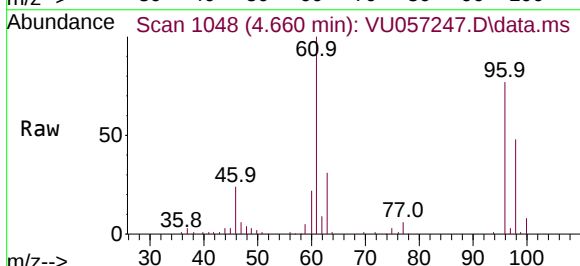
Tgt Ion: 96 Resp: 80171

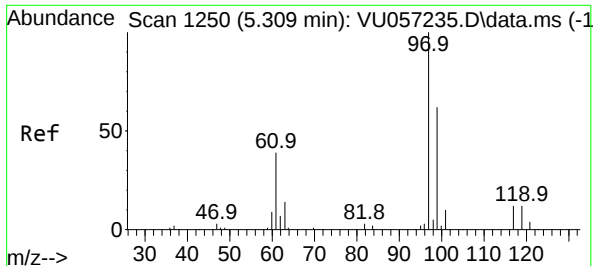
Ion Ratio Lower Upper

96 100

61 130.0 86.8 161.2

98 62.5 45.5 84.5





#29

1,1,1-Trichloroethane

Concen: 1.556 ug/L

RT: 5.306 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU057247.D

Acq: 26 Dec 2023 20:23

Instrument :

MSVOA_U

ClientSampleId :

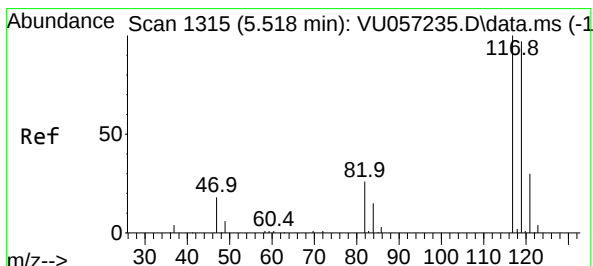
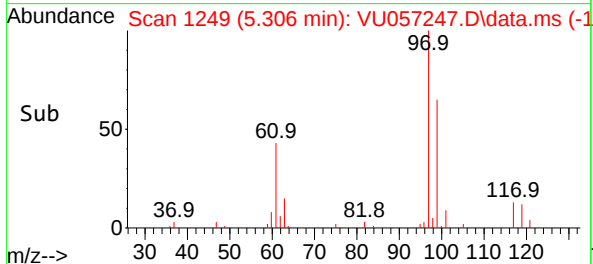
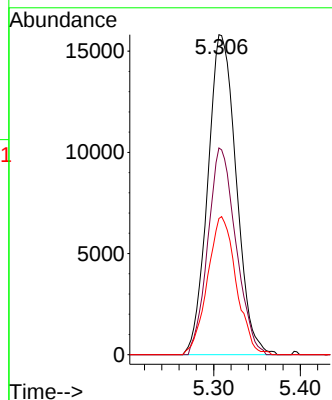
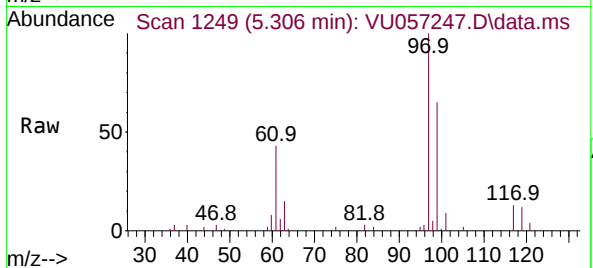
Tgt Ion: 97 Resp: 36097

Ion Ratio Lower Upper

97 100

99 63.6 51.2 76.8

61 43.6 32.5 48.7



#31

Carbon tetrachloride

Concen: 0.214 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. -0.209 min

Lab File: VU057247.D

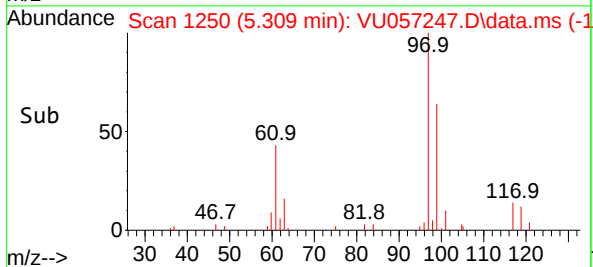
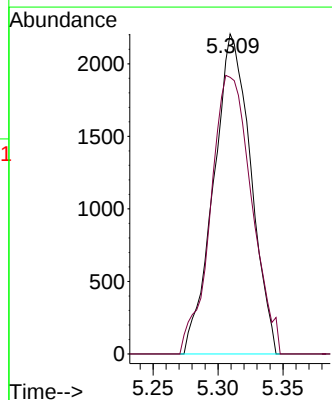
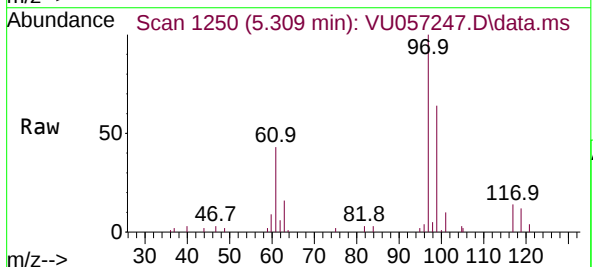
Acq: 26 Dec 2023 20:23

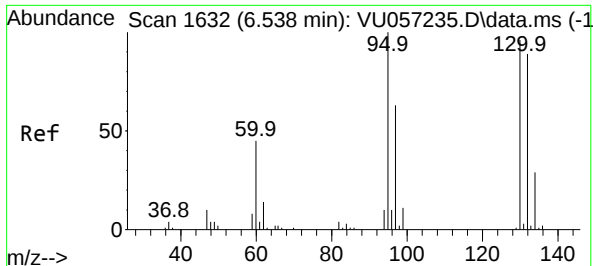
Tgt Ion: 117 Resp: 4372

Ion Ratio Lower Upper

117 100

119 96.2 75.1 112.7

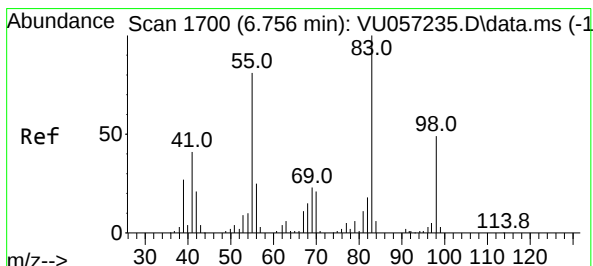
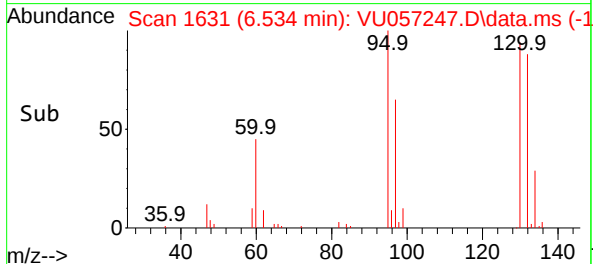
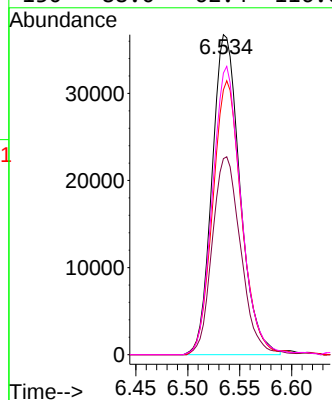
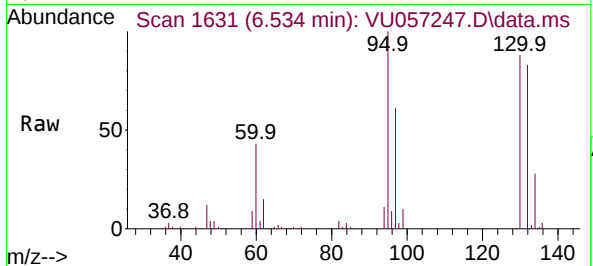




#34
Trichloroethene
Concen: 5.096 ug/L
RT: 6.534 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VU057247.D
Acq: 26 Dec 2023 20:23

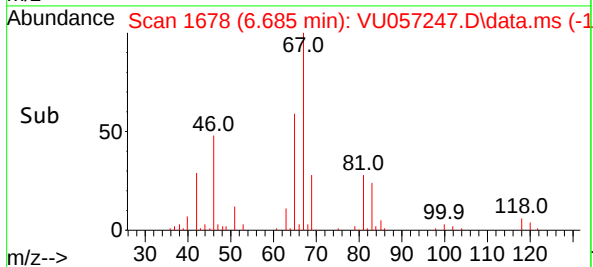
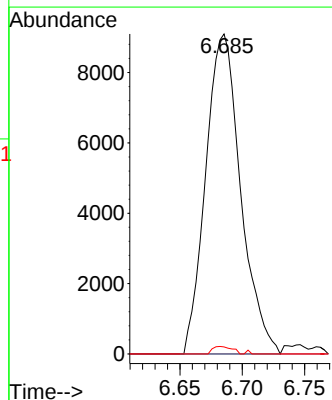
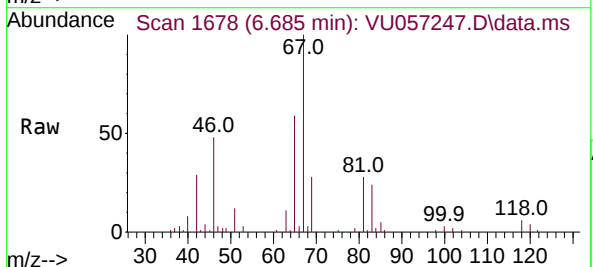
Instrument :
MSVOA_U
ClientSampleId :

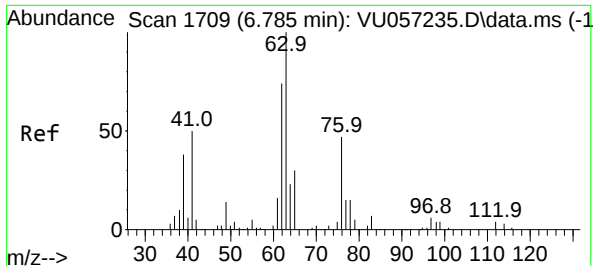
Tgt Ion: 95 Resp: 68945
Ion Ratio Lower Upper
95 100
97 61.3 44.3 82.3
132 82.8 62.6 116.2
130 88.0 62.4 116.0



#35
Methylcyclohexane
Concen: 0.998 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU057247.D
Acq: 26 Dec 2023 20:23

Tgt Ion: 83 Resp: 17768
Ion Ratio Lower Upper
83 100
55 0.0 61.3 91.9#
98 1.3 36.6 55.0#





#37

1,2-Dichloropropane

Concen: 0.700 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU057247.D

Acq: 26 Dec 2023 20:23

Instrument :

MSVOA_U

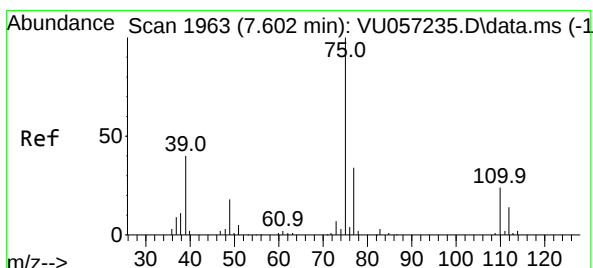
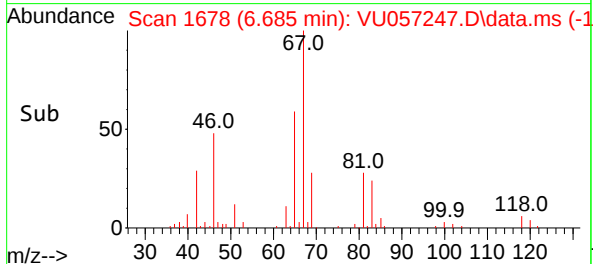
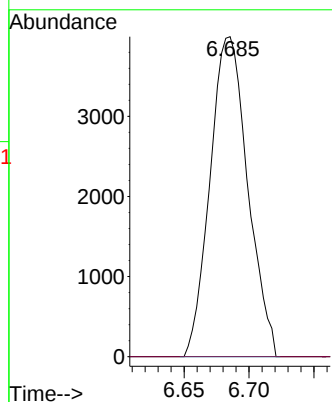
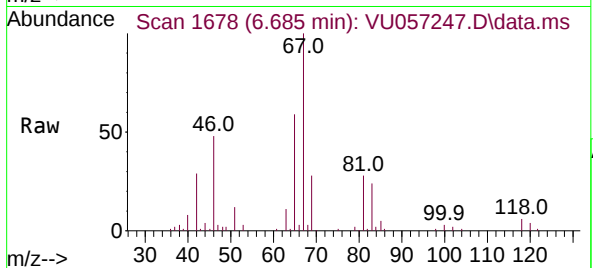
ClientSampleId :

Tgt Ion: 63 Resp: 8060

Ion Ratio Lower Upper

63 100

112 0.8 3.1 4.7#



#39

cis-1,3-Dichloropropene

Concen: 0.129 ug/L

RT: 7.560 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU057247.D

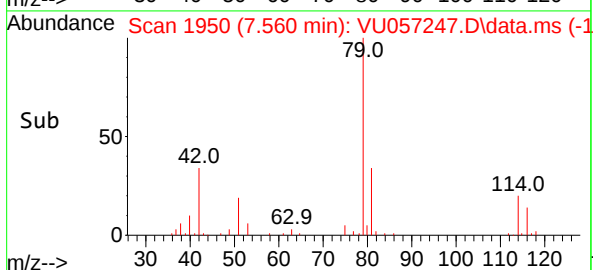
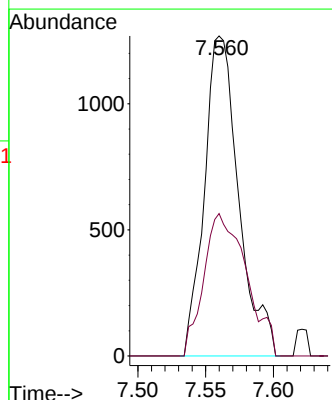
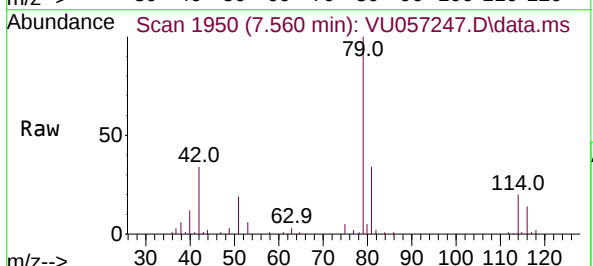
Acq: 26 Dec 2023 20:23

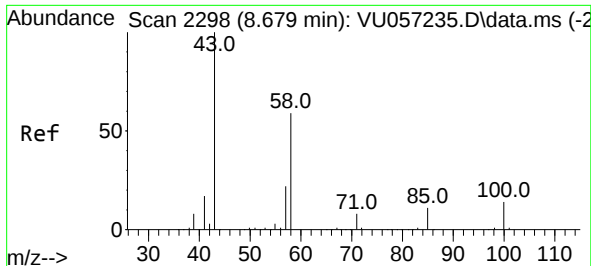
Tgt Ion: 75 Resp: 2236

Ion Ratio Lower Upper

75 100

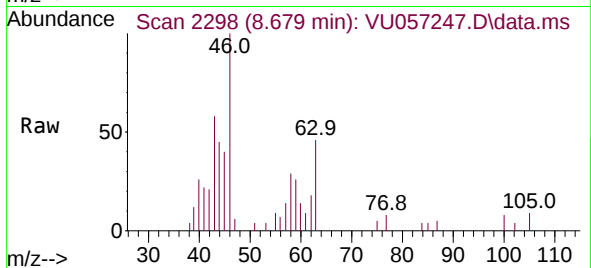
77 44.5 21.8 40.4#



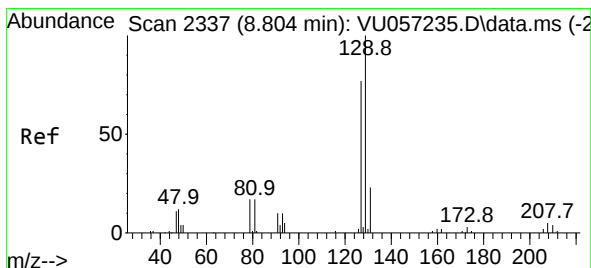
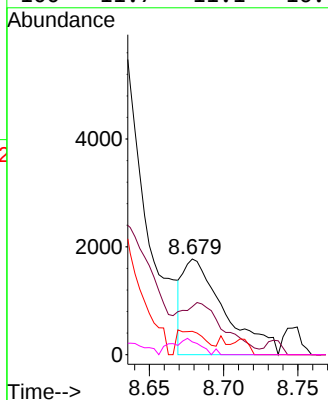
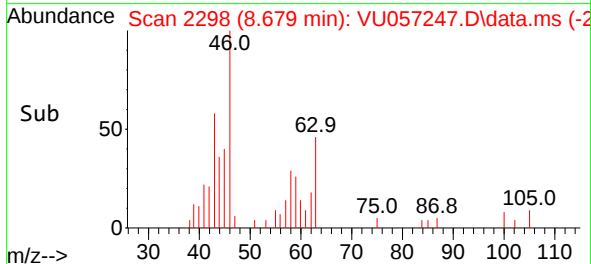


#48
2-Hexanone
Concen: 0.938 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU057247.D
Acq: 26 Dec 2023 20:23

Instrument :
MSVOA_U
ClientSampleId :

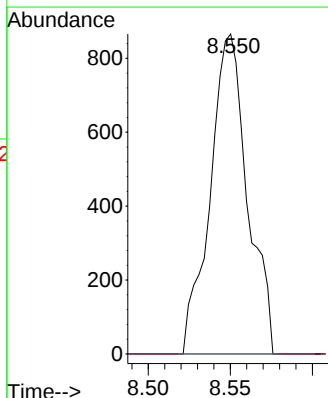
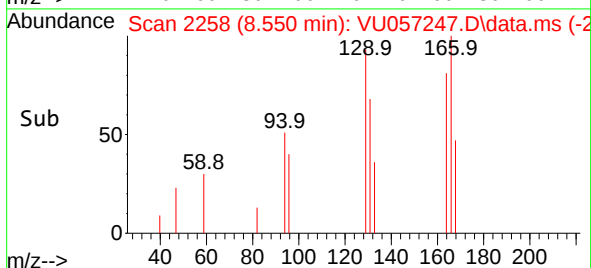
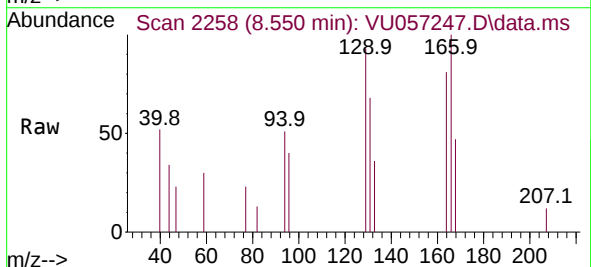


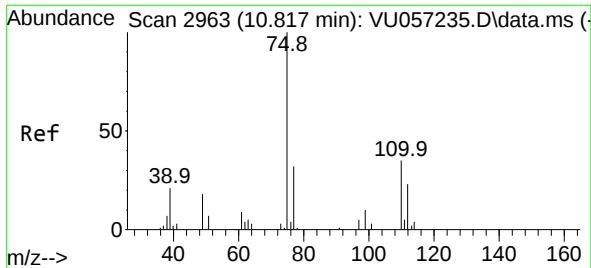
Tgt Ion: 43	Resp: 3451
Ion Ratio	Lower Upper
43	100
58	57.3 49.8 74.8
57	17.2 18.5 27.7#
100	11.7 11.1 16.7



#49
Dibromochloromethane
Concen: 0.133 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU057247.D
Acq: 26 Dec 2023 20:23

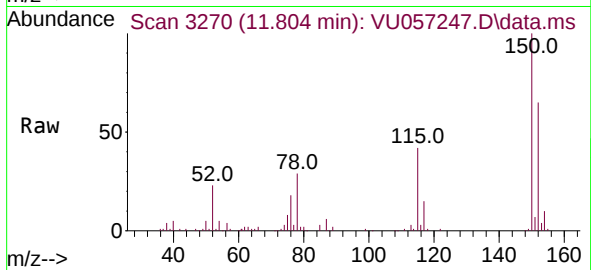
Tgt Ion: 129	Resp: 1371
Ion Ratio	Lower Upper
129	100
127	0.0 55.2 102.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.308 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU057247.D
 Acq: 26 Dec 2023 20:23

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 7671
 Ion Ratio Lower Upper
 75 100
 110 1.0 31.2 46.8#
 77 36.9 25.5 38.3

