

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121923\
 Data File : VU057042.D
 Acq On : 19 Dec 2023 14:21
 Operator : MD/SY
 Sample : 05830-01 25X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

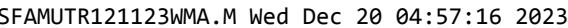
Quant Time: Dec 20 04:57:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 04:54:16 2023
 Response via : Initial Calibration

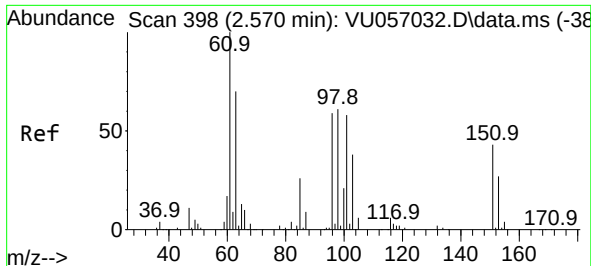
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	207318	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	209207	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	88644	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	77401	4.356	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.200%
7) Chloroethane-d5	1.907	69	65481	4.924	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.563	65	33372	4.389	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	4.618	46	133257	37.971	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.940%
24) Chloroform-d	5.055	84	151519	4.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.695	65	75146	4.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.721	84	279977	4.315	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.682	67	85293	4.200	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.894	98	237623	4.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	8.177	79	32707	4.153	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.627	63	114158	38.428	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.860%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	60878	4.143	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	82087	4.711	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	2720	0.162	ug/L #	1
16) Methylene chloride	3.039	84	10810	0.590	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	4052	0.218	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	24943	0.825	ug/L	100
34) Trichloroethene	6.537	95	11221	0.556	ug/L	89
35) Methylcyclohexane	6.682	83	20826	0.700	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	9187	0.488	ug/L #	88
45) 1,1,2-Trichloroethane	8.540	97	1783	0.140	ug/L #	19
47) Tetrachloroethene	8.547	164	212290	15.040	ug/L	98
48) 2-Hexanone	8.682	43	4135	0.650	ug/L #	91
49) Dibromochloromethane	8.547	129	215476	14.743	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	10569	1.110	ug/L #	67

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

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QLast Update : Wed Dec 20 04:54:16 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.162 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.006 min

Lab File: VU057042.D

Acq: 19 Dec 2023 14:21

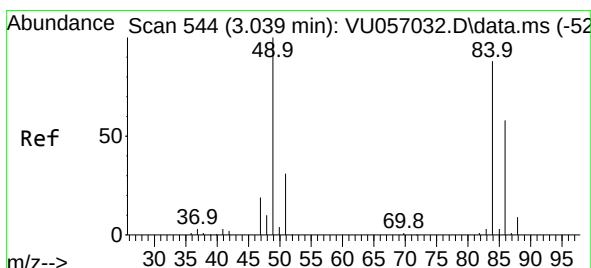
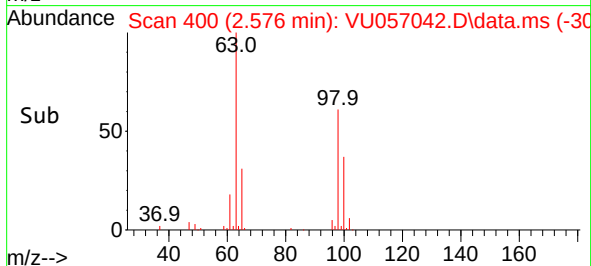
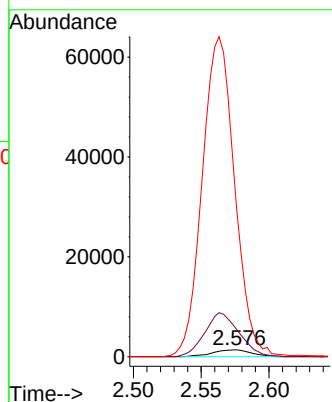
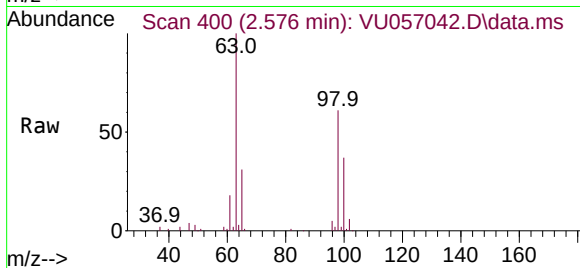
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 2720

Ion	Ratio	Lower	Upper
96	100		
61	402.3	119.0	221.0#
63	2188.7	88.7	164.7#



#16

Methylene chloride

Concen: 0.590 ug/L

RT: 3.039 min Scan# 544

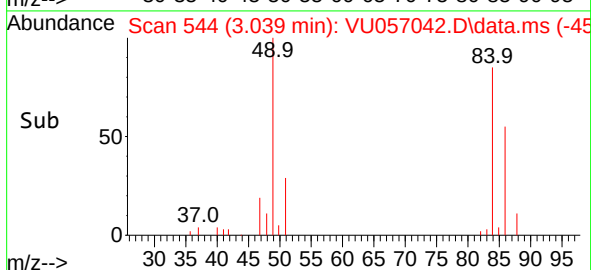
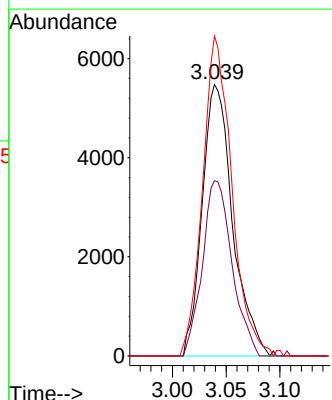
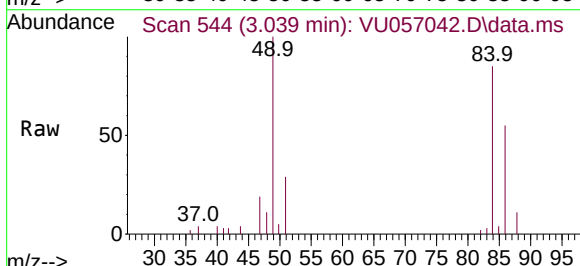
Delta R.T. 0.000 min

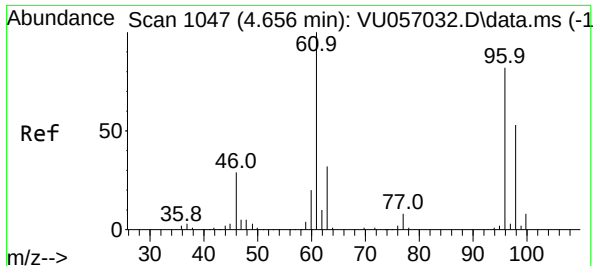
Lab File: VU057042.D

Acq: 19 Dec 2023 14:21

Tgt Ion: 84 Resp: 10810

Ion	Ratio	Lower	Upper
84	100		
86	64.5	43.6	81.0
49	123.7	80.6	149.6





#22

cis-1,2-Dichloroethene

Concen: 0.218 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.006 min

Lab File: VU057042.D

Acq: 19 Dec 2023 14:21

Instrument :

MSVOA_U

ClientSampleId :

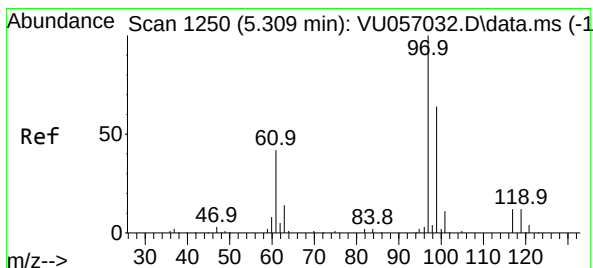
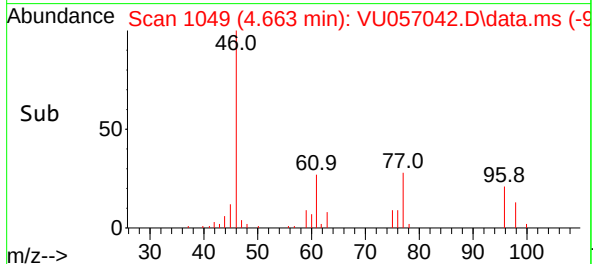
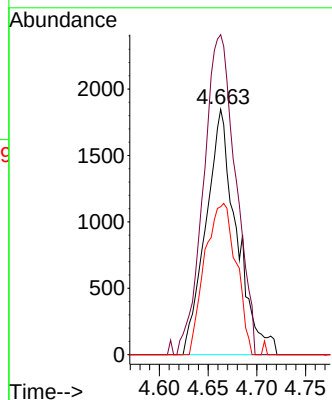
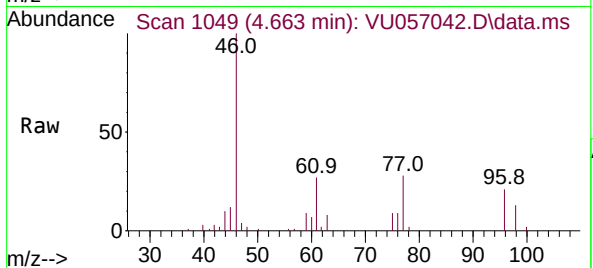
Tgt Ion: 96 Resp: 4052

Ion Ratio Lower Upper

96 100

61 130.4 91.3 169.6

98 60.3 44.2 82.0



#29

1,1,1-Trichloroethane

Concen: 0.825 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. 0.000 min

Lab File: VU057042.D

Acq: 19 Dec 2023 14:21

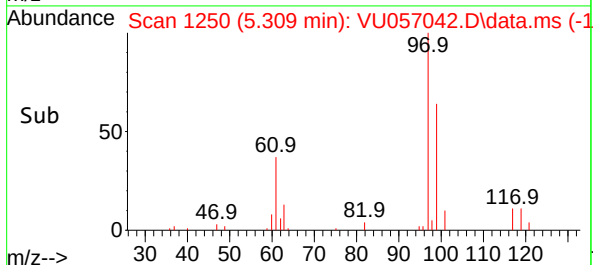
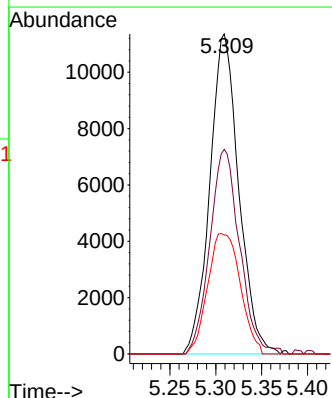
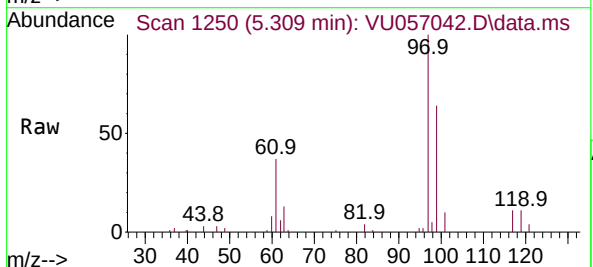
Tgt Ion: 97 Resp: 24943

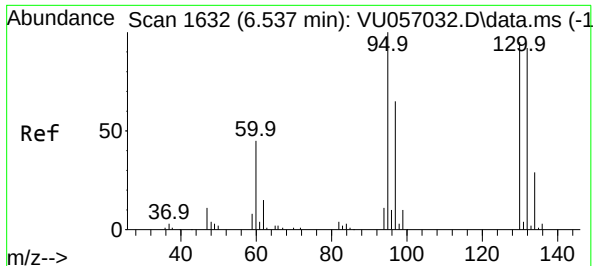
Ion Ratio Lower Upper

97 100

99 65.9 52.5 78.7

61 42.4 34.2 51.2



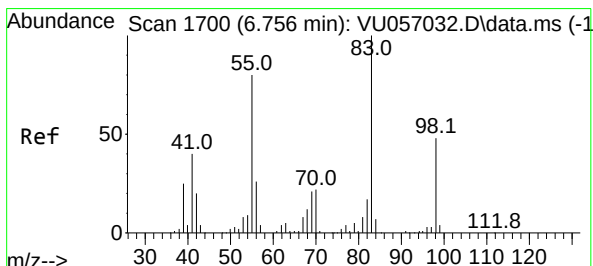
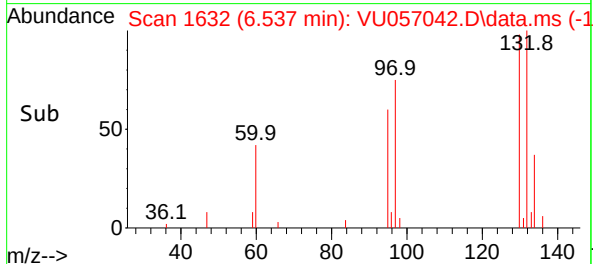
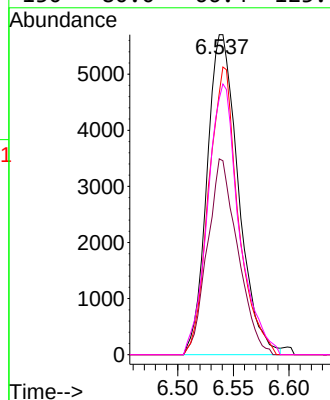
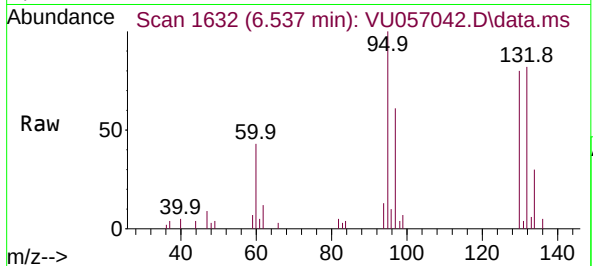


#34
Trichloroethene
Concen: 0.556 ug/L
RT: 6.537 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VU057042.D
Acq: 19 Dec 2023 14:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 11221

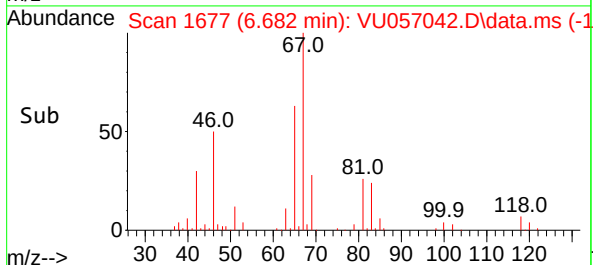
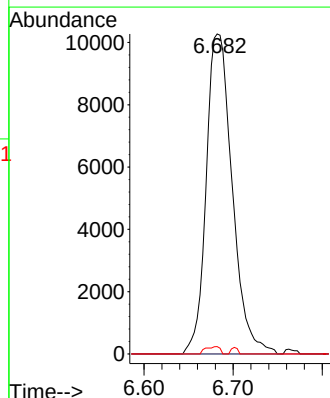
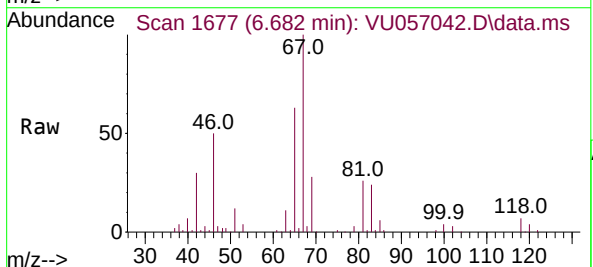
Ion	Ratio	Lower	Upper
95	100		
97	61.2	46.1	85.5
132	81.7	63.6	118.0
130	80.0	66.4	123.4

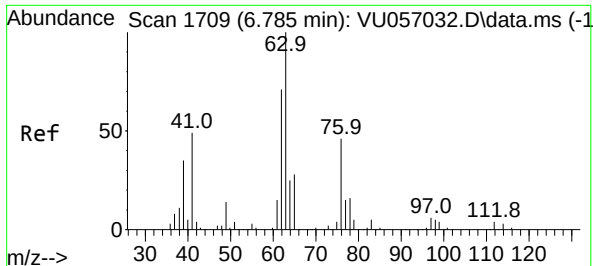


#35
Methylcyclohexane
Concen: 0.700 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU057042.D
Acq: 19 Dec 2023 14:21

Tgt Ion: 83 Resp: 20826

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.6	97.0#
98	1.3	36.1	54.1#





#37

1,2-Dichloropropane

Concen: 0.488 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU057042.D

Acq: 19 Dec 2023 14:21

Instrument :

MSVOA_U

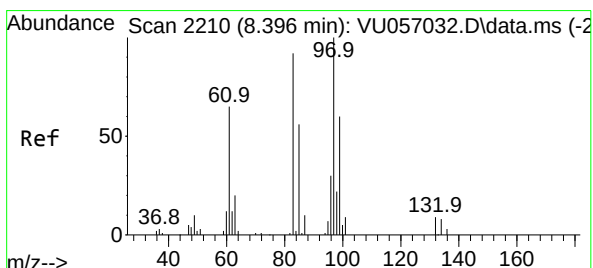
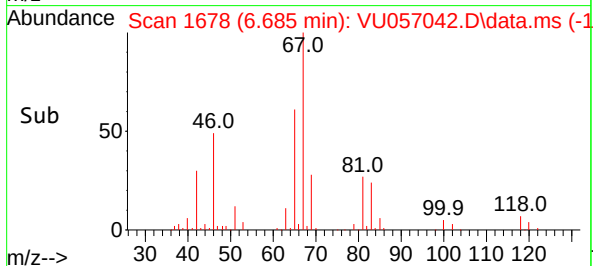
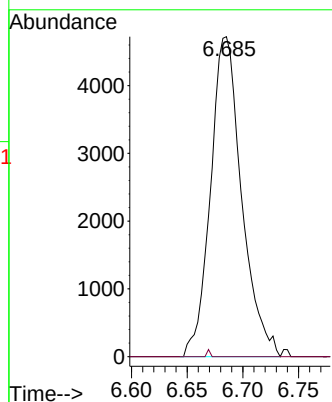
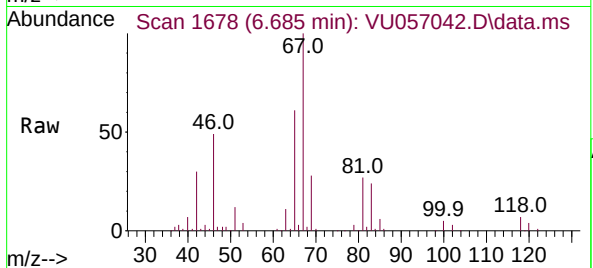
ClientSampleId :

Tgt Ion: 63 Resp: 9187

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#



#45

1,1,2-Trichloroethane

Concen: 0.140 ug/L

RT: 8.540 min Scan# 2255

Delta R.T. 0.145 min

Lab File: VU057042.D

Acq: 19 Dec 2023 14:21

Tgt Ion: 97 Resp: 1783

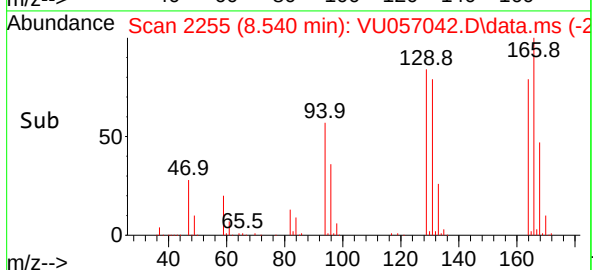
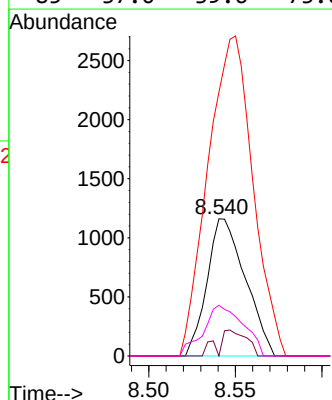
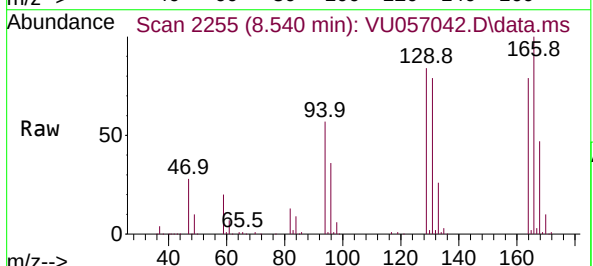
Ion Ratio Lower Upper

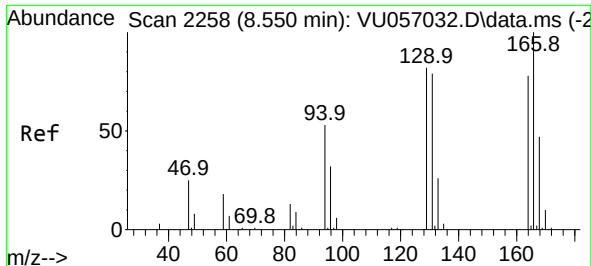
97 100

99 0.0 41.9 77.9#

83 192.2 59.1 109.7#

85 37.0 39.6 73.6#





#47

Tetrachloroethene

Concen: 15.040 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU057042.D

Acq: 19 Dec 2023 14:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 212290

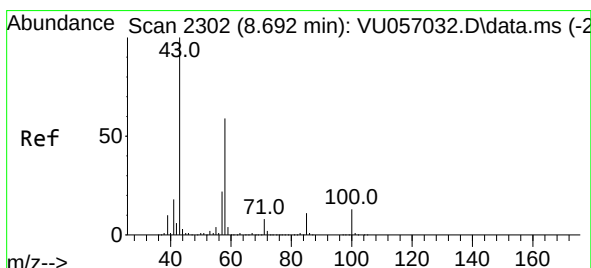
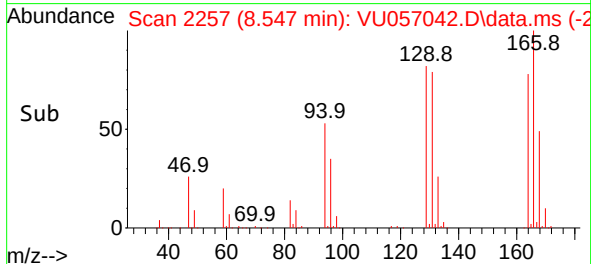
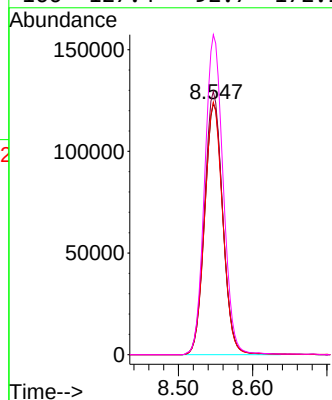
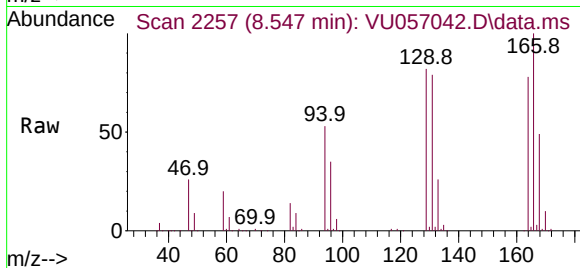
Ion Ratio Lower Upper

164 100

129 104.8 73.4 136.4

131 100.6 71.5 132.9

166 127.4 92.7 172.1



#48

2-Hexanone

Concen: 0.650 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. -0.010 min

Lab File: VU057042.D

Acq: 19 Dec 2023 14:21

Tgt Ion: 43 Resp: 4135

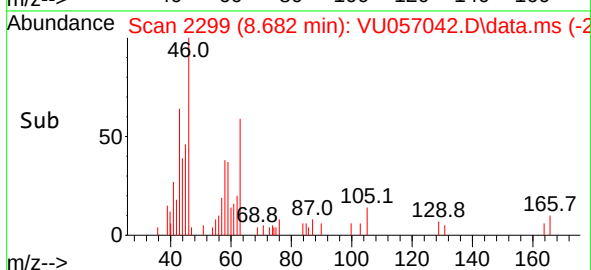
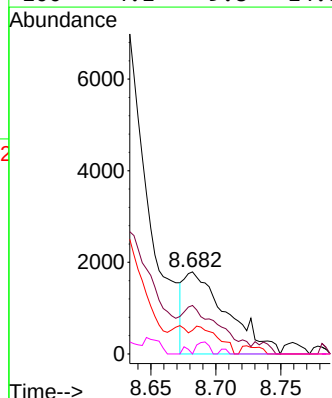
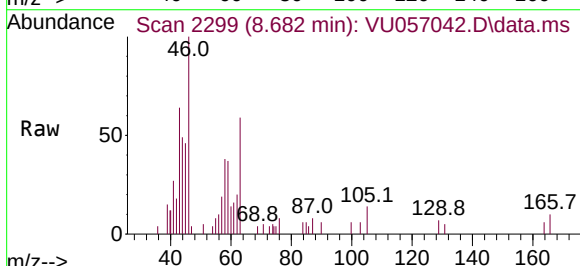
Ion Ratio Lower Upper

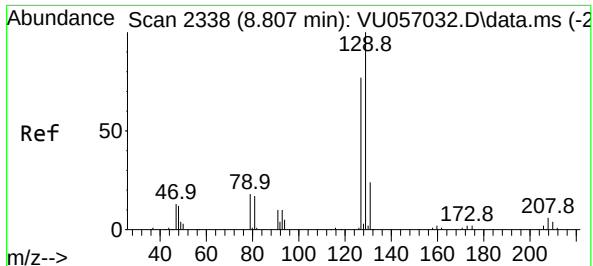
43 100

58 53.3 47.5 71.3

57 20.1 17.0 25.4

100 4.1 9.8 14.8#





#49

Dibromochloromethane

Concen: 14.743 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.260 min

Lab File: VU057042.D

Acq: 19 Dec 2023 14:21

Instrument :

MSVOA_U

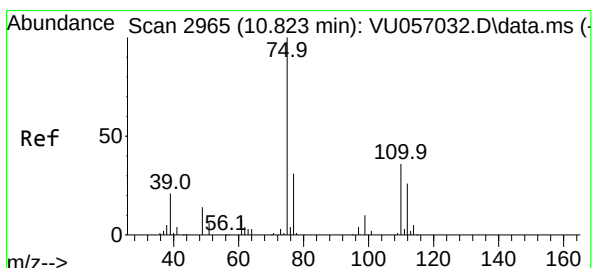
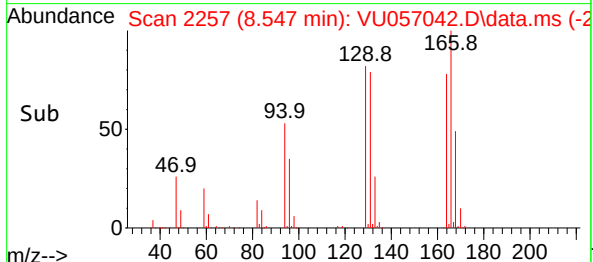
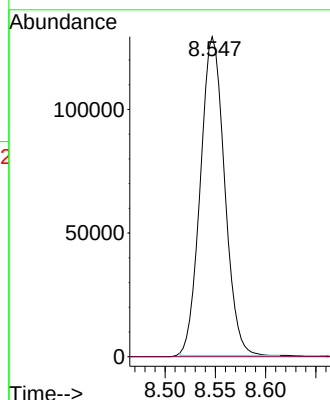
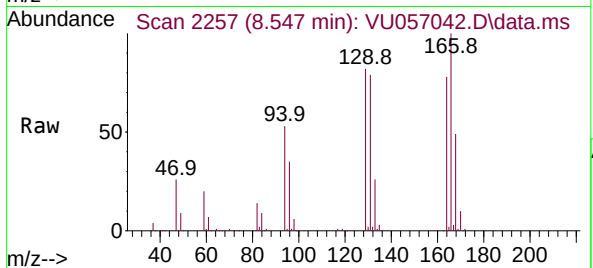
ClientSampleId :

Tgt Ion:129 Resp: 215476

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#



#61

1,2,3-Trichloropropane

Concen: 1.110 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.984 min

Lab File: VU057042.D

Acq: 19 Dec 2023 14:21

Tgt Ion: 75 Resp: 10569

Ion Ratio Lower Upper

75 100

110 1.2 28.4 42.6#

77 29.8 26.3 39.5

