

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
 Data File : VU050858.D
 Acq On : 21 Sep 2022 02:15
 Operator : JC/MD
 Sample : N4650-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ13

Quant Time: Sep 21 04:42:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 04:30:12 2022
 Response via : Initial Calibration

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

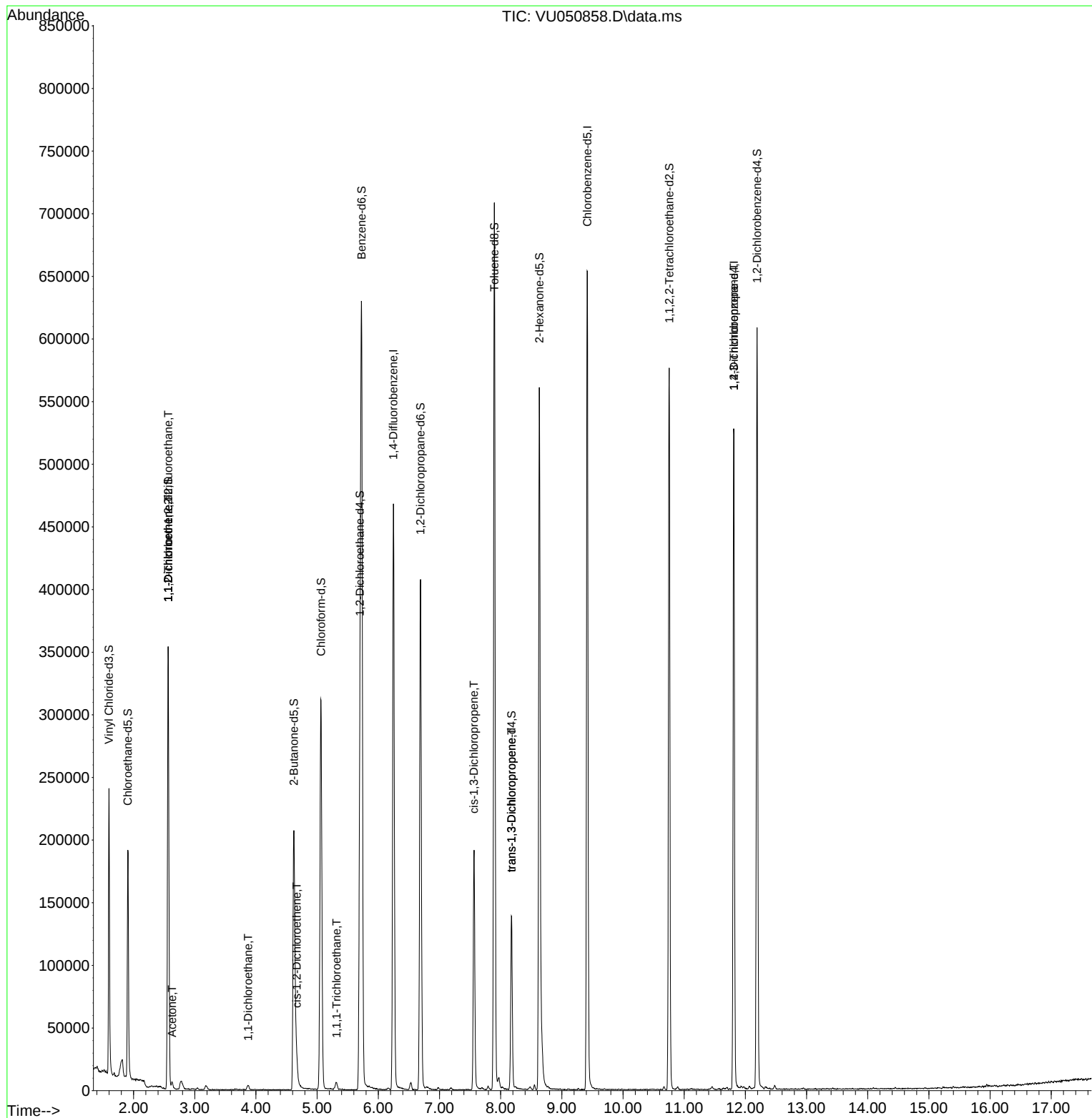
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	367548	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	367220	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	138538	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	170138	44.679	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	89.360%	
7) Chloroethane-d5	1.906	69	136665	50.392	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	100.780%	
11) 1,1-Dichloroethene-d2	2.565	63	207907	35.088	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	70.180%	
21) 2-Butanone-d5	4.620	46	296024	120.410	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	120.410%	
24) Chloroform-d	5.064	84	292250	48.972	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.940%	
26) 1,2-Dichloroethane-d4	5.700	65	189924	51.641	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	103.280%	
32) Benzene-d6	5.726	84	582035	48.120	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.240%	
36) 1,2-Dichloropropane-d6	6.690	67	203542	49.854	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	99.700%	
41) Toluene-d8	7.896	98	464476	43.931	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	87.860%	
43) trans-1,3-Dichloroprop...	8.179	79	76362	42.994	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	85.980%	
47) 2-Hexanone-d5	8.633	63	174429	103.672	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	103.670%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	302304	48.566	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	97.140%	
66) 1,2-Dichlorobenzene-d4	12.192	152	158091	54.502	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	109.000%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	2107	0.701	ug/L #	21
12) 1,1-Dichloroethene	2.565	96	1826	0.646	ug/L #	1
13) Acetone	2.630	43	5729	2.752	ug/L	97
19) 1,1-Dichloroethane	3.874	63	4815	0.823	ug/L	96
20) cis-1,2-Dichloroethene	4.668	96	5317	1.656	ug/L	98
30) 1,1,1-Trichloroethane	5.318	97	4180	0.856	ug/L #	35
39) cis-1,3-Dichloropropene	7.562	75	4418	0.893	ug/L #	30
44) trans-1,3-Dichloropropene	8.179	75	3382	0.718	ug/L	86
60) 1,2,3-Trichloropropane	11.812	75	16154	4.146	ug/L #	68

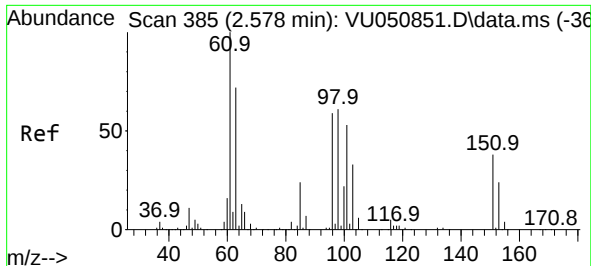
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 21 04:30:12 2022
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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.701 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU050858.D

Acq: 21 Sep 2022 02:15

Instrument :

MSVOA_U

ClientSampleId :

EXZ13

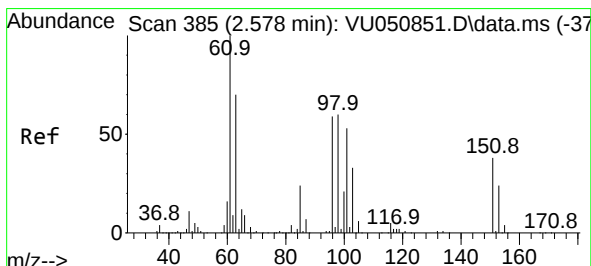
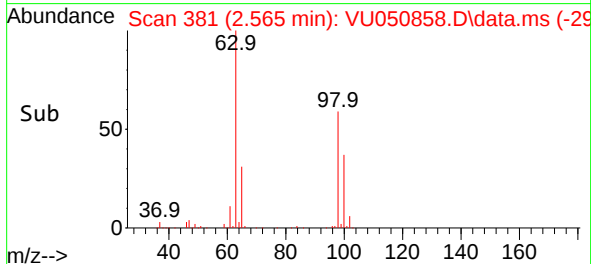
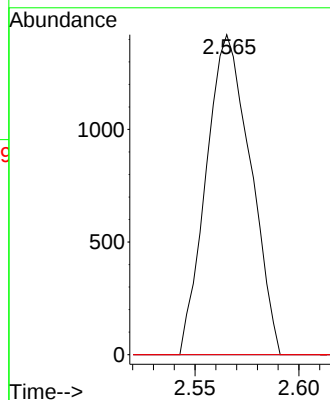
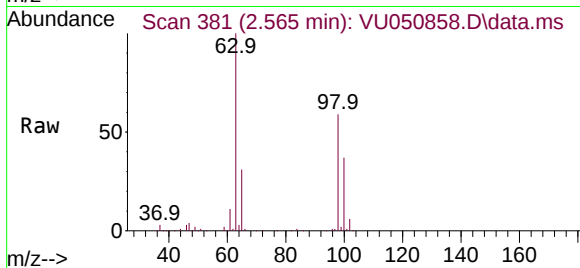
Tgt Ion:101 Resp: 2107

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

151 0.0 56.6 84.8#



#12

1,1-Dichloroethene

Concen: 0.646 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU050858.D

Acq: 21 Sep 2022 02:15

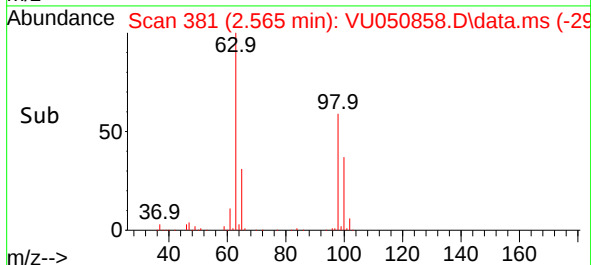
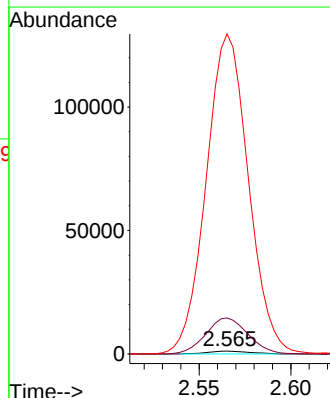
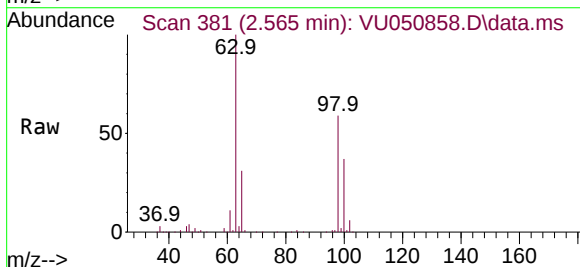
Tgt Ion: 96 Resp: 1826

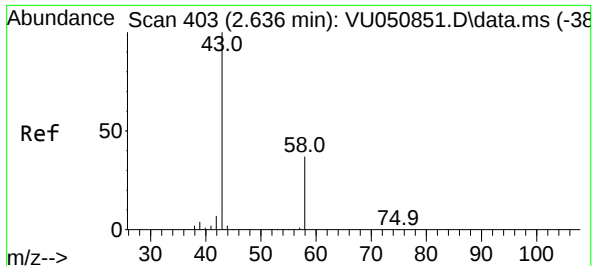
Ion Ratio Lower Upper

96 100

61 1255.6 118.6 220.2#

63 11153.2 90.4 168.0#





#13

Acetone

Concen: 2.752 ug/L

RT: 2.630 min Scan# 403

Delta R.T. -0.006 min

Lab File: VU050858.D

Acq: 21 Sep 2022 02:15

Instrument :

MSVOA_U

ClientSampleId :

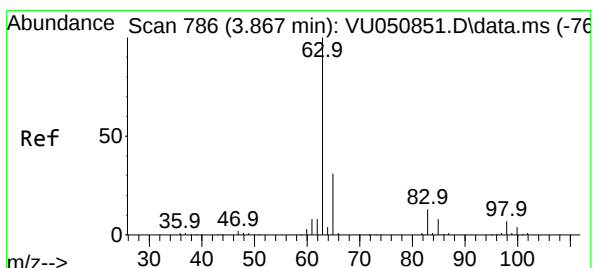
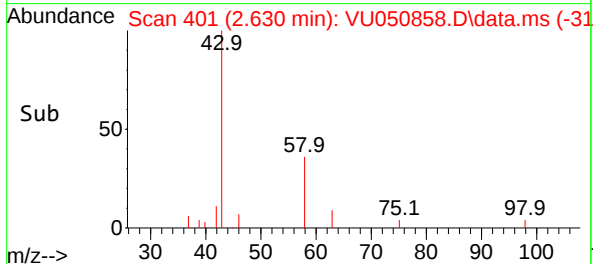
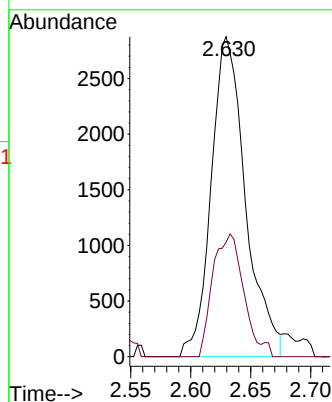
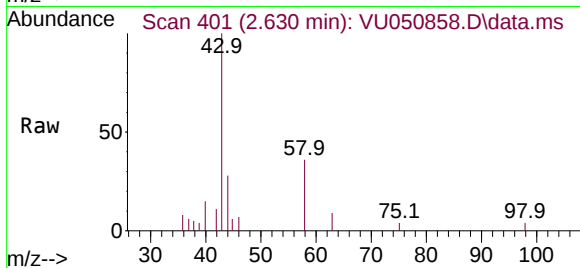
EXZ13

Tgt Ion: 43 Resp: 5729

Ion Ratio Lower Upper

43 100

58 33.7 0.0 71.4



#19

1,1-Dichloroethane

Concen: 0.823 ug/L

RT: 3.874 min Scan# 788

Delta R.T. 0.007 min

Lab File: VU050858.D

Acq: 21 Sep 2022 02:15

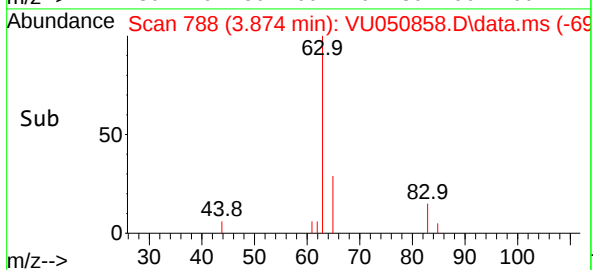
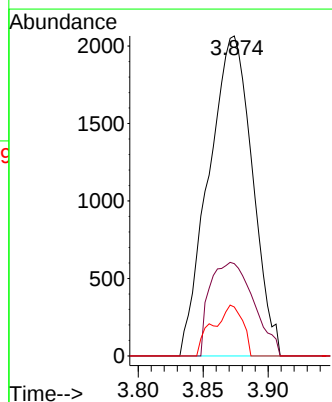
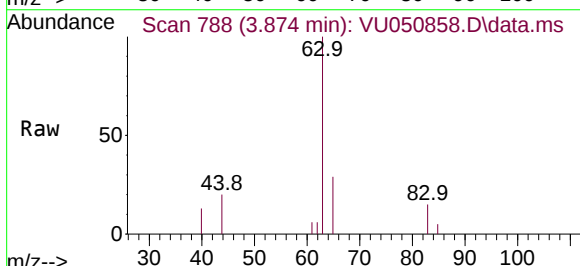
Tgt Ion: 63 Resp: 4815

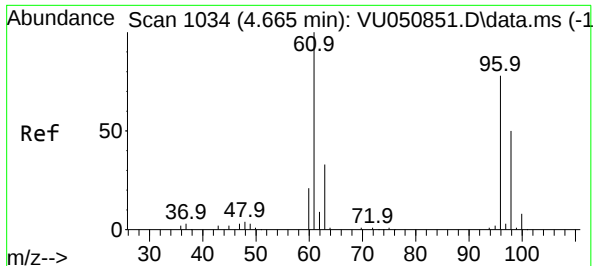
Ion Ratio Lower Upper

63 100

65 28.9 21.5 39.9

83 15.3 9.3 17.3





#20

cis-1,2-Dichloroethene

Concen: 1.656 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU050858.D

Acq: 21 Sep 2022 02:15

Instrument :

MSVOA_U

ClientSampleId :

EXZ13

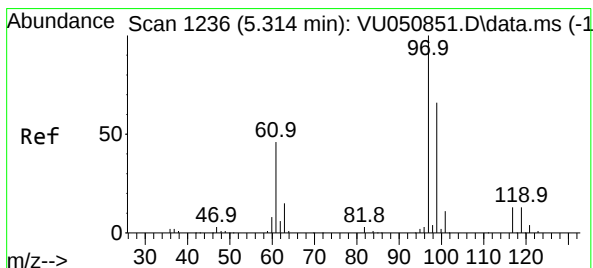
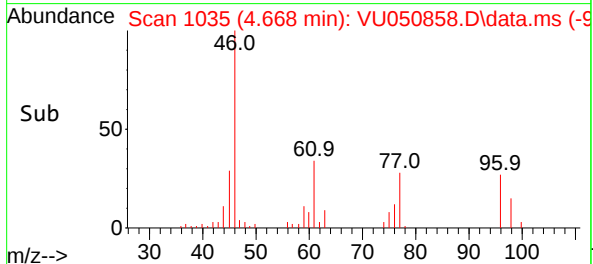
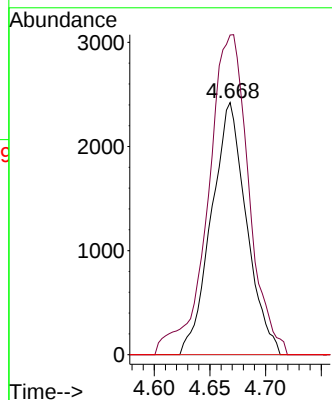
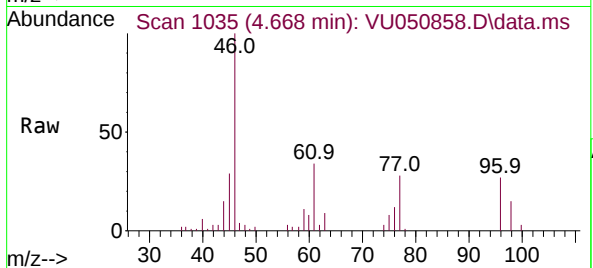
Tgt Ion: 96 Resp: 5317

Ion Ratio Lower Upper

96 100

61 126.7 90.1 167.3

68 0.0 0.0 0.0



#30

1,1,1-Trichloroethane

Concen: 0.856 ug/L

RT: 5.318 min Scan# 1237

Delta R.T. 0.003 min

Lab File: VU050858.D

Acq: 21 Sep 2022 02:15

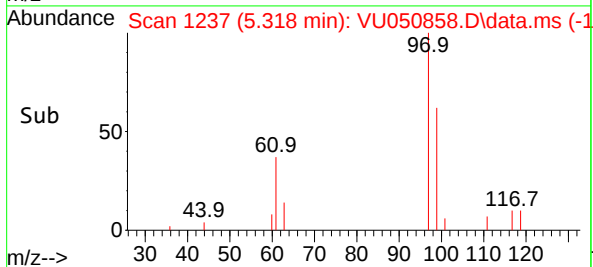
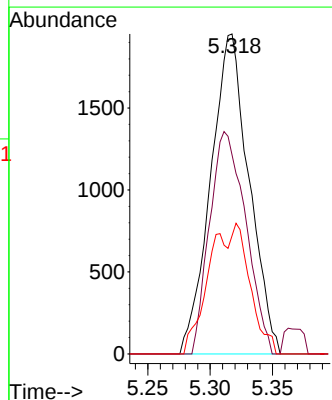
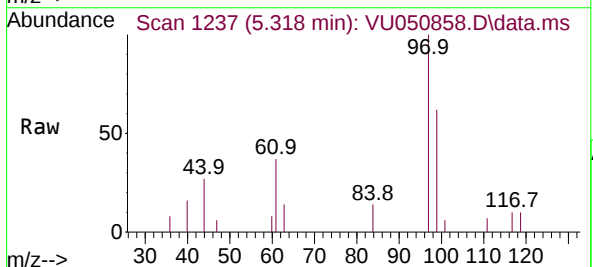
Tgt Ion: 97 Resp: 4180

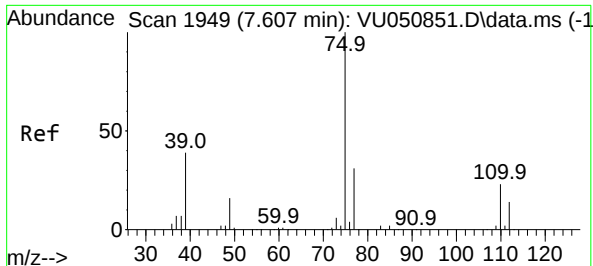
Ion Ratio Lower Upper

97 100

99 2.7 52.2 78.2#

61 16.1 37.1 55.7#





#39

cis-1,3-Dichloropropene

Concen: 0.893 ug/L

RT: 7.562 min Scan# 1949

Delta R.T. -0.045 min

Lab File: VU050858.D

Acq: 21 Sep 2022 02:15

Instrument :

MSVOA_U

ClientSampleId :

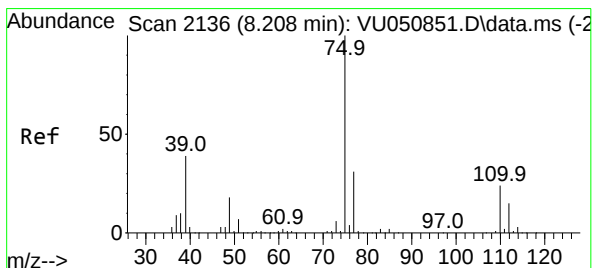
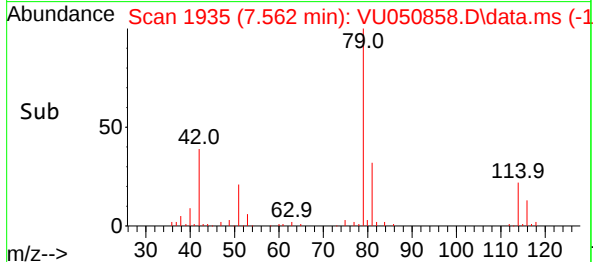
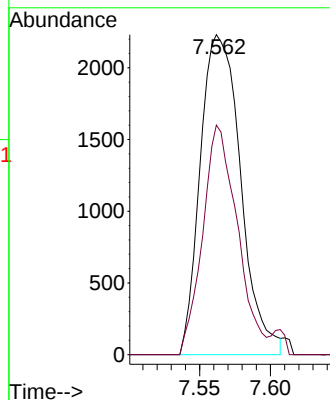
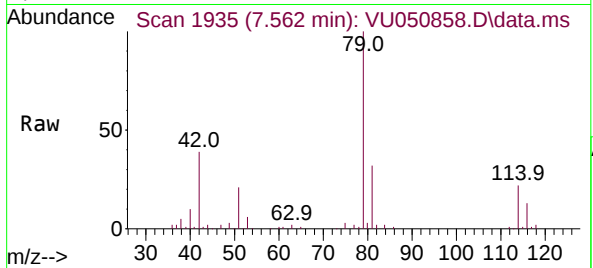
EXZ13

Tgt Ion: 75 Resp: 4418

Ion Ratio Lower Upper

75 100

77 71.8 22.8 42.4#



#44

trans-1,3-Dichloropropene

Concen: 0.718 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.029 min

Lab File: VU050858.D

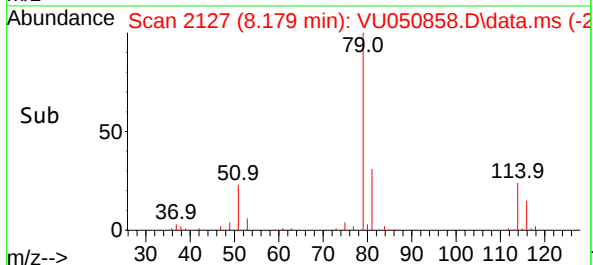
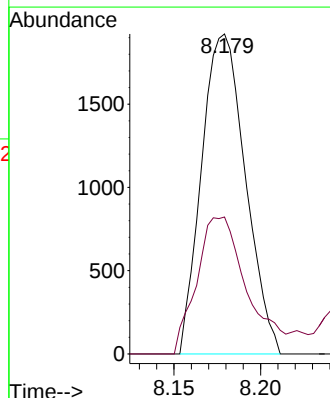
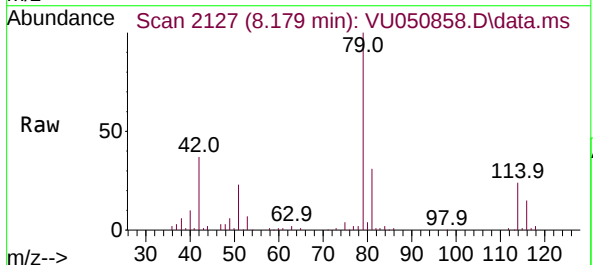
Acq: 21 Sep 2022 02:15

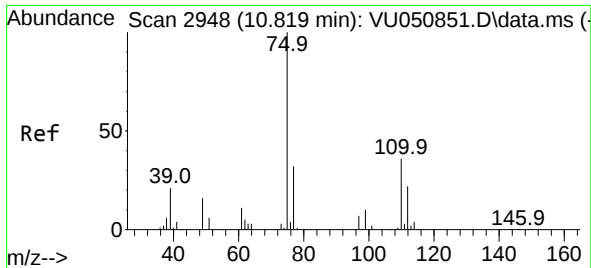
Tgt Ion: 75 Resp: 3382

Ion Ratio Lower Upper

75 100

77 38.8 21.9 40.7





#60
 1,2,3-Trichloropropane
 Concen: 4.146 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU050858.D
 Acq: 21 Sep 2022 02:15

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Tgt Ion: 75	Resp:	16154
Ion Ratio	Lower	Upper
75	100	
77	35.3	26.2 39.4
110	2.0	28.6 43.0#

