

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
 Data File : VV031129.D
 Acq On : 20 May 2023 01:03
 Operator : SY/MD
 Sample : 02865-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX58

Quant Time: May 20 06:24:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 20 01:55:03 2023
 Response via : Initial Calibration

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

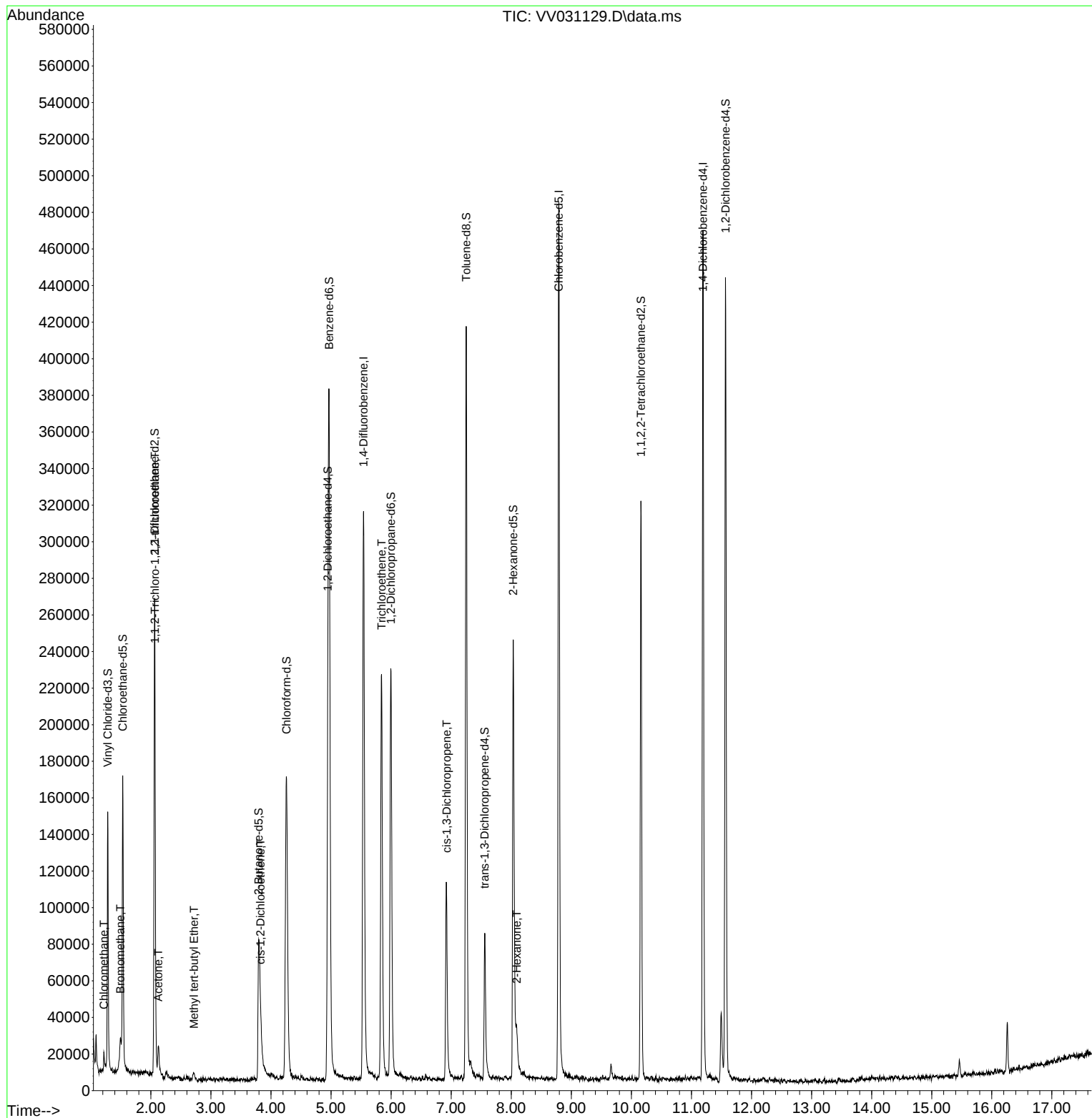
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	264097	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	251453	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	120097	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	90993	40.315	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.640%		
7) Chloroethane-d5	1.532	69	88386	50.833	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	101.660%		
11) 1,1-Dichloroethene-d2	2.063	65	43309	40.919	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.840%		
21) 2-Butanone-d5	3.796	46	130004	108.098	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	108.100%		
24) Chloroform-d	4.259	84	172938	43.312	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.620%		
26) 1,2-Dichloroethane-d4	4.947	65	123212	45.666	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.340%		
32) Benzene-d6	4.966	84	311320	45.670	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.340%		
36) 1,2-Dichloropropane-d6	5.995	67	94896	46.526	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.060%		
41) Toluene-d8	7.249	98	270653	42.541	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.080%		
43) trans-1,3-Dichloroprop...	7.558	79	45474	44.439	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.880%		
47) 2-Hexanone-d5	8.034	63	77104	96.957	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.960%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	134081	43.830	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.660%		
66) 1,2-Dichlorobenzene-d4	11.567	152	107004	49.582	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.160%		
Target Compounds						Qvalue
3) Chloromethane	1.220	50	11411	6.113	ug/L	98
6) Bromomethane	1.490	94	3531	3.779	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	1721	0.995	ug/L #	20
13) Acetone	2.124	43	16014	10.242	ug/L	96
18) Methyl tert-butyl Ether	2.719	73	3286	0.627	ug/L #	83
20) cis-1,2-Dichloroethene	3.828	96	5578	3.336	ug/L	88
34) Trichloroethene	5.841	95	72323	44.806	ug/L	97
39) cis-1,3-Dichloropropene	6.924	75	3995	1.563	ug/L	100
48) 2-Hexanone	8.091	43	14551	6.847	ug/L	96

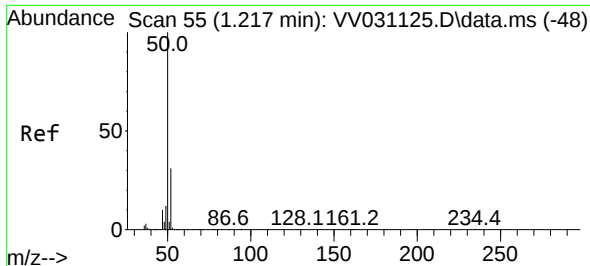
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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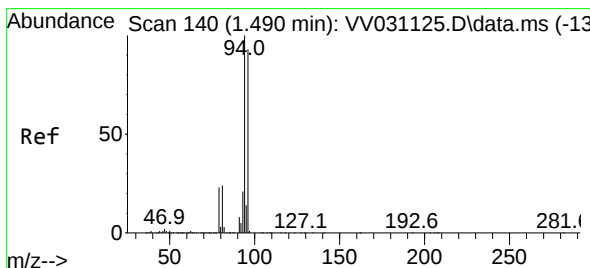
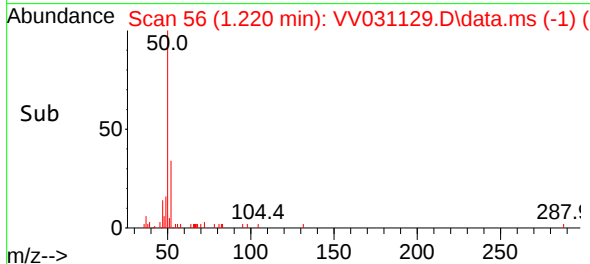
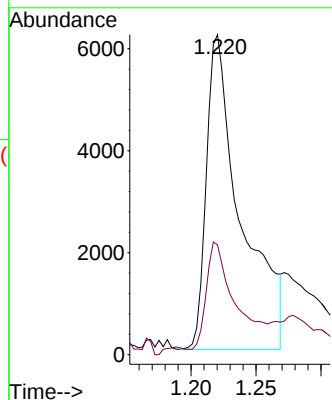
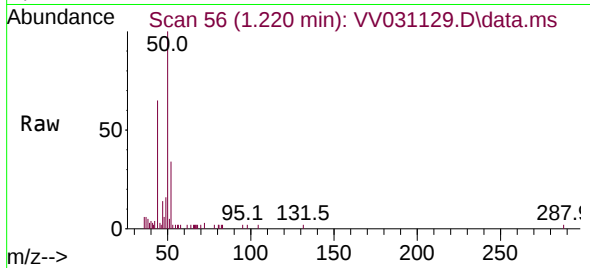




#3
Chloromethane
Concen: 6.113 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV031129.D
Acq: 20 May 2023 01:03

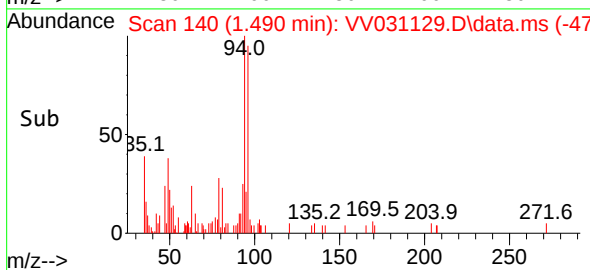
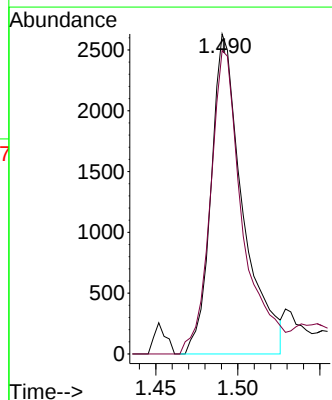
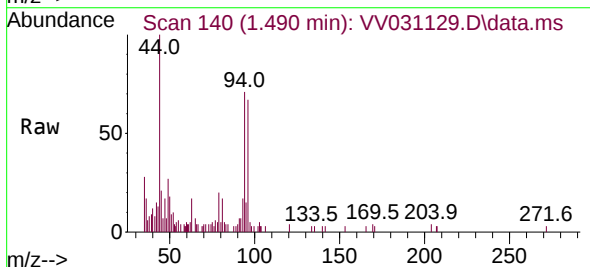
Instrument :
MSVOA_V
ClientSampleId :
GBX58

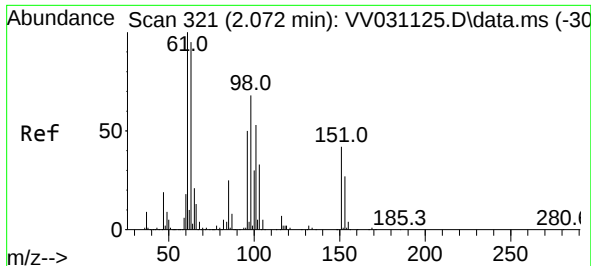
Tgt Ion: 50 Resp: 11411
Ion Ratio Lower Upper
50 100
52 34.3 23.3 43.3



#6
Bromomethane
Concen: 3.779 ug/L
RT: 1.490 min Scan# 140
Delta R.T. 0.000 min
Lab File: VV031129.D
Acq: 20 May 2023 01:03

Tgt Ion: 94 Resp: 3531
Ion Ratio Lower Upper
94 100
96 94.8 63.9 118.7





#10

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

Concen: 0.995 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV031129.D

Acq: 20 May 2023 01:03

Instrument :

MSVOA_V

ClientSampleId :

GBX58

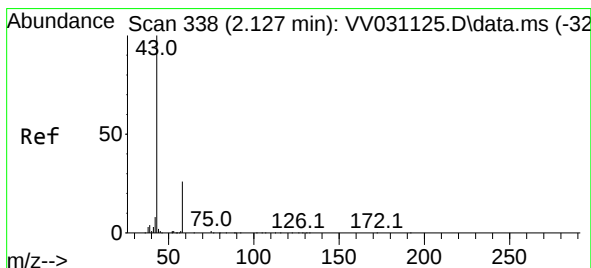
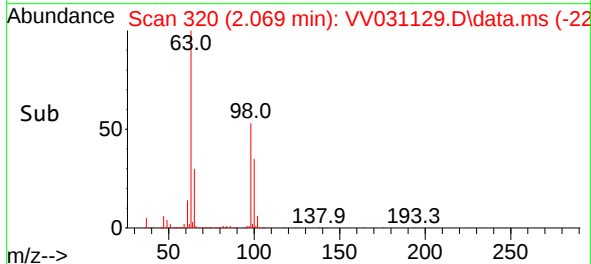
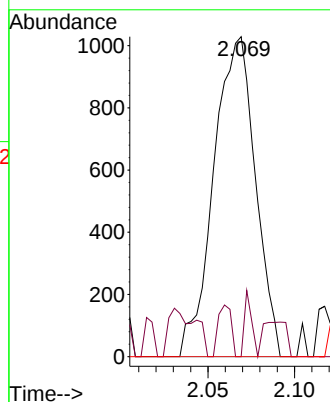
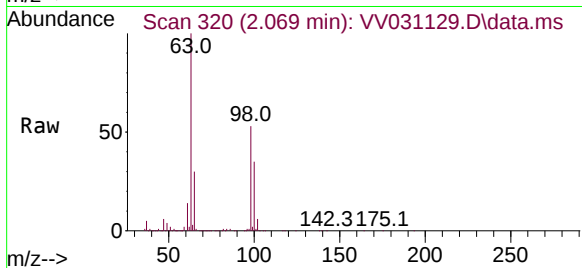
Tgt Ion:101 Resp: 1721

Ion Ratio Lower Upper

101 100

85 3.5 38.0 57.0#

151 0.0 61.7 92.5#



#13

Acetone

Concen: 10.242 ug/L

RT: 2.124 min Scan# 337

Delta R.T. -0.003 min

Lab File: VV031129.D

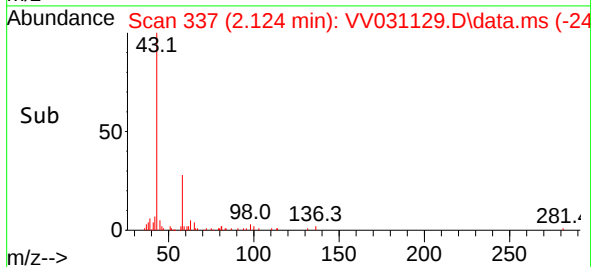
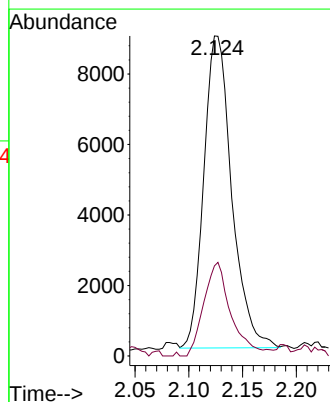
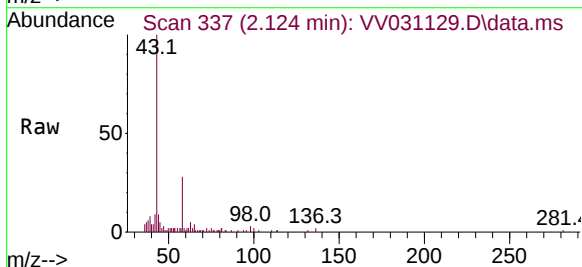
Acq: 20 May 2023 01:03

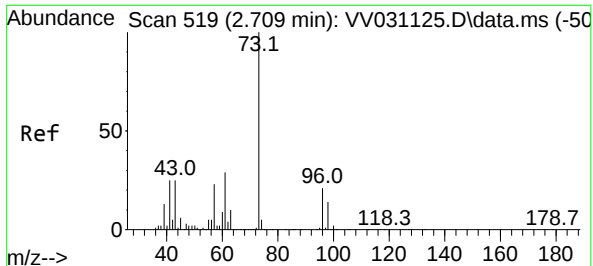
Tgt Ion: 43 Resp: 16014

Ion Ratio Lower Upper

43 100

58 28.8 0.0 54.0





#18

Methyl tert-butyl Ether

Concen: 0.627 ug/L

RT: 2.719 min Scan# 519

Delta R.T. 0.010 min

Lab File: VV031129.D

Acq: 20 May 2023 01:03

Instrument :

MSVOA_V

ClientSampleId :

GBX58

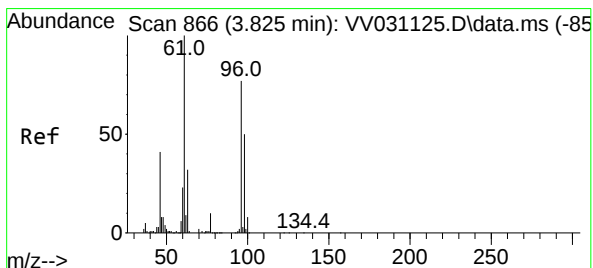
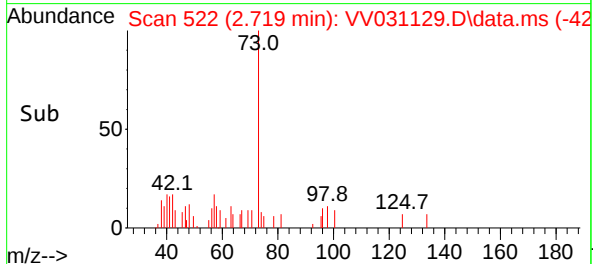
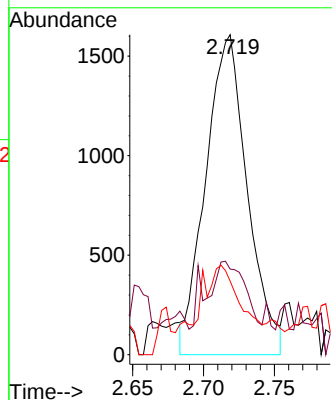
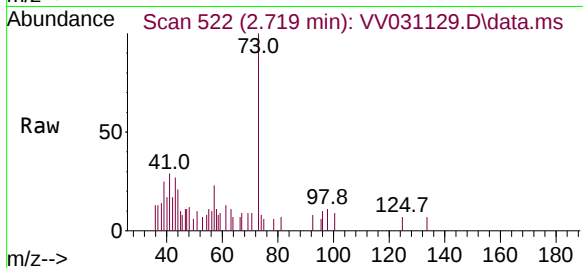
Tgt Ion: 73 Resp: 3286

Ion Ratio Lower Upper

73 100

43 13.6 19.4 29.2#

57 16.1 17.1 25.7#



#20

cis-1,2-Dichloroethene

Concen: 3.336 ug/L

RT: 3.828 min Scan# 867

Delta R.T. 0.003 min

Lab File: VV031129.D

Acq: 20 May 2023 01:03

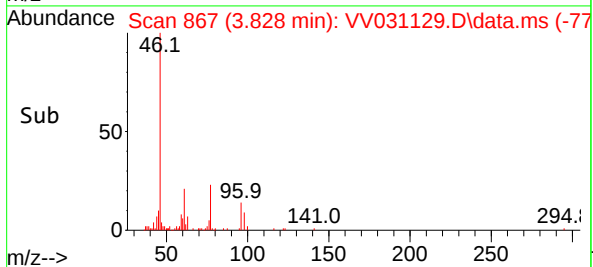
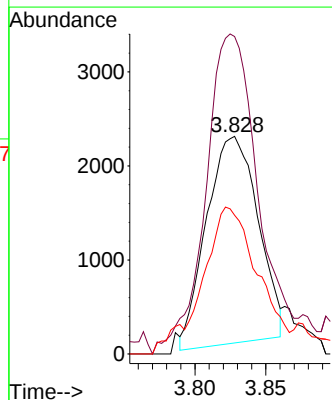
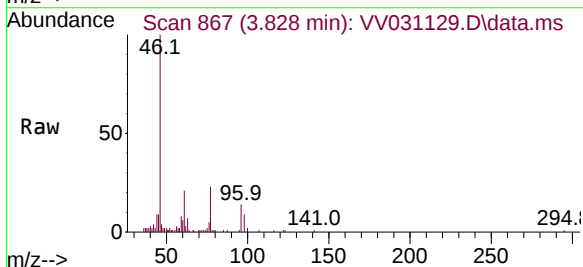
Tgt Ion: 96 Resp: 5578

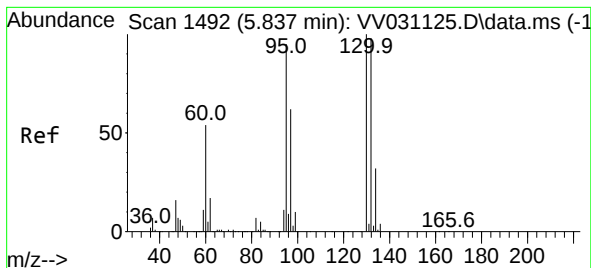
Ion Ratio Lower Upper

96 100

61 145.9 89.2 165.6

98 63.7 43.0 80.0





#34

Trichloroethene

Concen: 44.806 ug/L

RT: 5.841 min Scan# 1492

Delta R.T. 0.003 min

Lab File: VV031129.D

Acq: 20 May 2023 01:03

Instrument :

MSVOA_V

ClientSampleId :

GBX58

Tgt Ion: 95 Resp: 72323

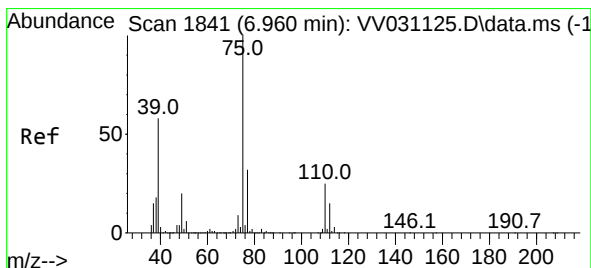
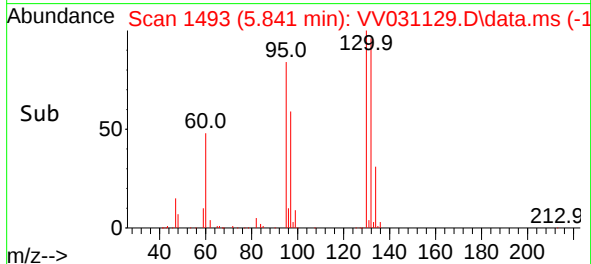
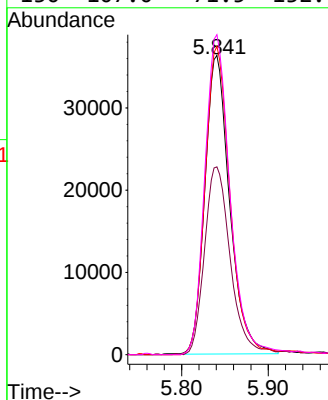
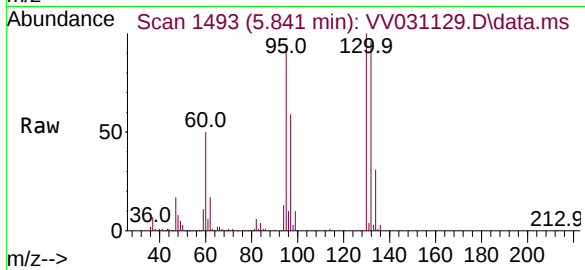
Ion Ratio Lower Upper

95 100

97 62.8 44.4 82.5

132 103.1 70.2 130.4

130 107.0 71.5 132.7



#39

cis-1,3-Dichloropropene

Concen: 1.563 ug/L

RT: 6.924 min Scan# 1830

Delta R.T. -0.035 min

Lab File: VV031129.D

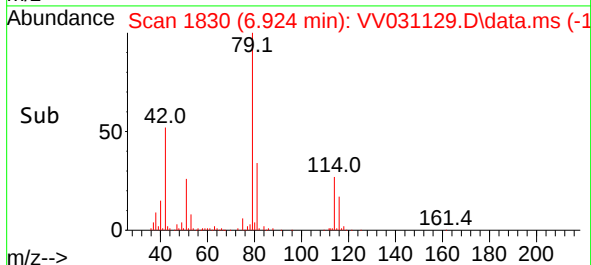
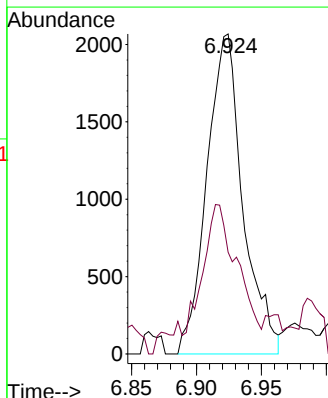
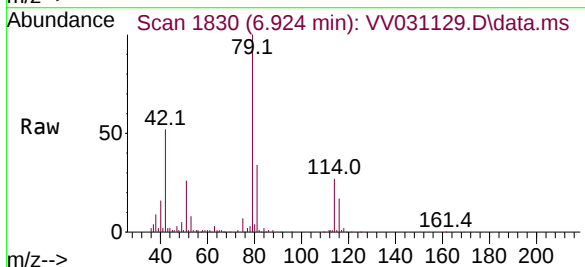
Acq: 20 May 2023 01:03

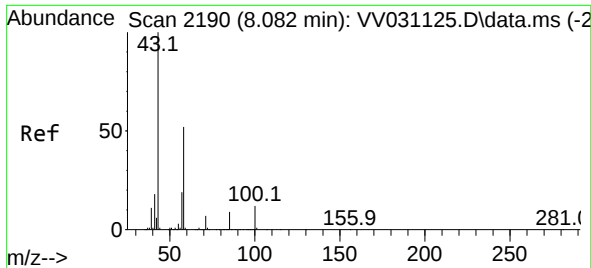
Tgt Ion: 75 Resp: 3995

Ion Ratio Lower Upper

75 100

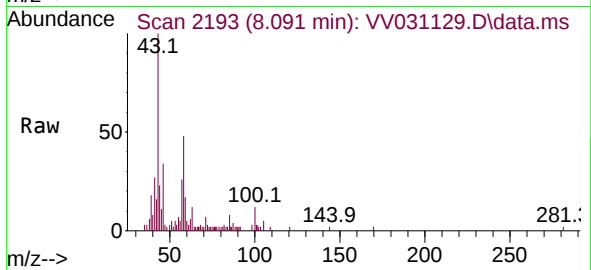
77 31.8 22.3 41.3





#48
 2-Hexanone
 Concen: 6.847 ug/L
 RT: 8.091 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: VV031129.D
 Acq: 20 May 2023 01:03

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX58



Tgt Ion: 43	Resp: 14551
Ion Ratio	Lower Upper
43 100	
58 47.4	39.8 59.6
57 15.7	14.4 21.6
100 13.0	9.1 13.7

