

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
 Data File : VV031145.D
 Acq On : 20 May 2023 07:37
 Operator : SY/MD
 Sample : 02865-19
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX74

Quant Time: May 22 00:15:28 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)

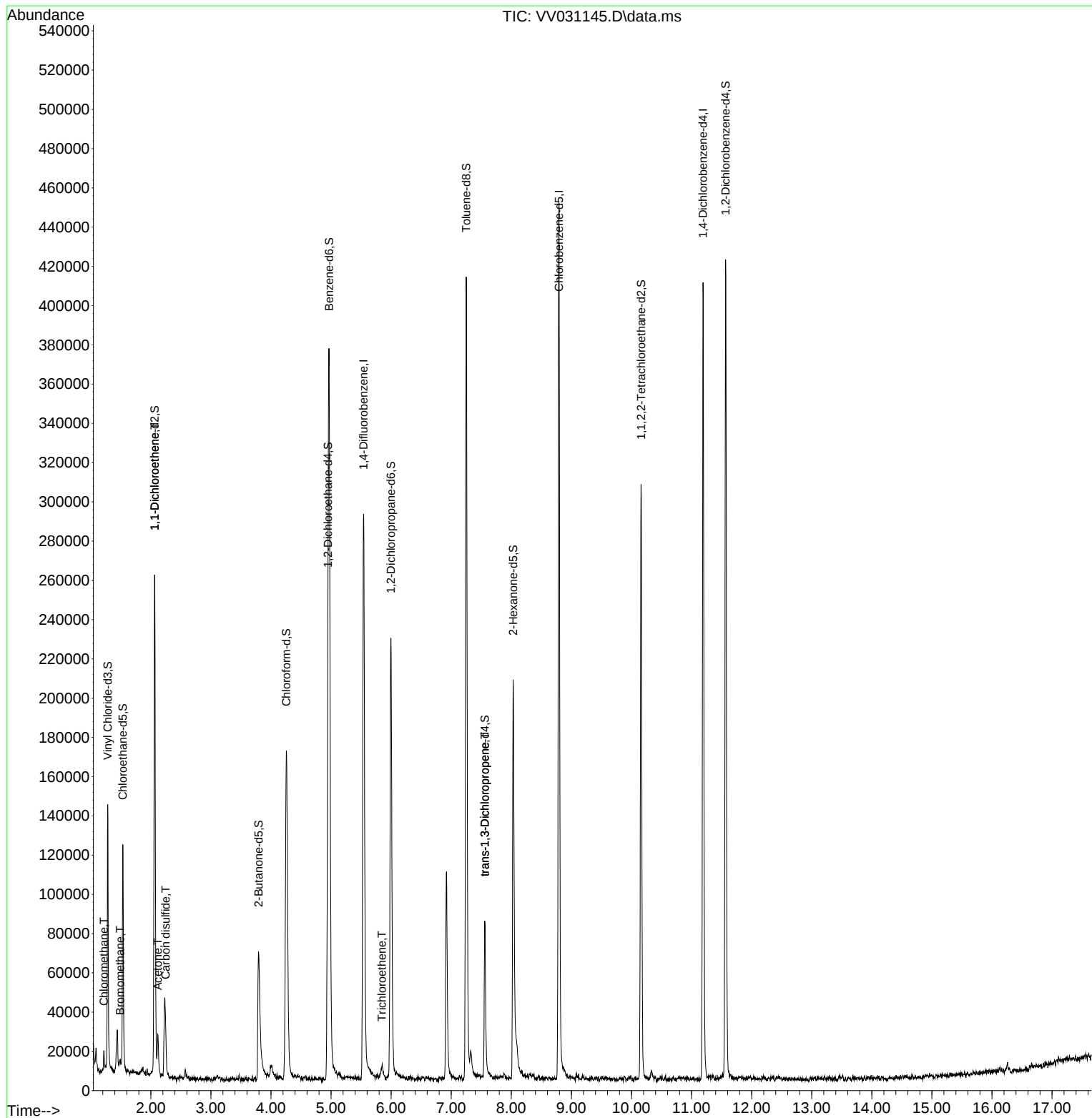
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	246153	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	235811	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	106620	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	87036	41.373	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.740%		
7) Chloroethane-d5	1.532	69	71940	44.391	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.780%		
11) 1,1-Dichloroethene-d2	2.063	65	41175	41.739	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.480%		
21) 2-Butanone-d5	3.793	46	106812	95.288	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.290%		
24) Chloroform-d	4.256	84	171824	46.170	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.340%		
26) 1,2-Dichloroethane-d4	4.947	65	122376	48.662	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.320%		
32) Benzene-d6	4.966	84	307799	48.149	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.300%		
36) 1,2-Dichloropropane-d6	5.995	67	94745	49.534	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.060%		
41) Toluene-d8	7.249	98	266189	44.615	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.220%		
43) trans-1,3-Dichloroprop...	7.558	79	42759	44.557	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.120%		
47) 2-Hexanone-d5	8.030	63	66243	88.825	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.830%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	130920	45.635	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.280%		
66) 1,2-Dichlorobenzene-d4	11.567	152	104410	54.495	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	108.980%		
Target Compounds						Qvalue
3) Chloromethane	1.217	50	10147	5.832	ug/L	97
6) Bromomethane	1.487	94	2212	2.540	ug/L	99
12) 1,1-Dichloroethene	2.063	96	1441	1.054	ug/L #	1
13) Acetone	2.117	43	19015	13.048	ug/L	98
14) Carbon disulfide	2.246	76	11653	4.677	ug/L #	95
34) Trichloroethene	5.847	95	1380	0.912	ug/L	95
44) trans-1,3-Dichloropropene	7.558	75	2902	1.196	ug/L	98

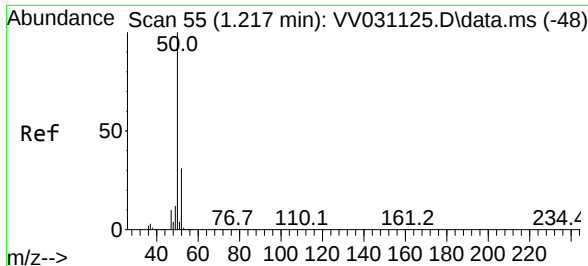
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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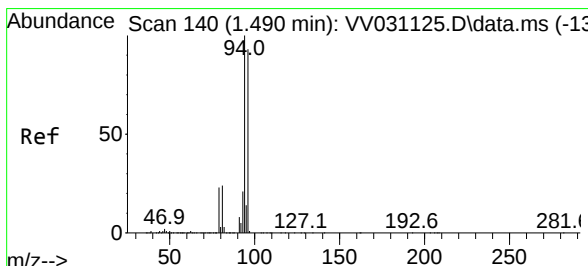
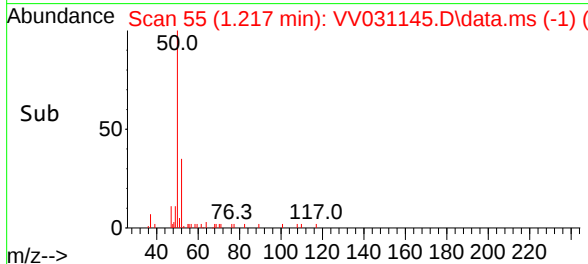
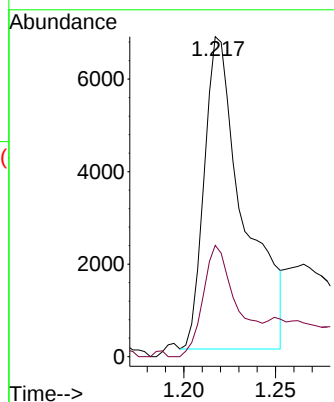
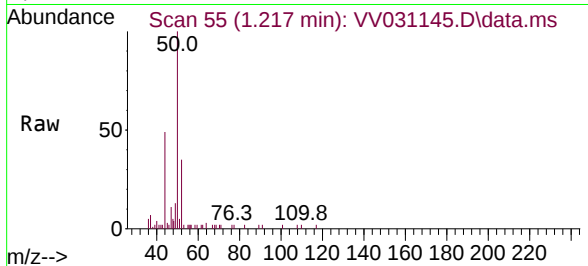




#3
Chloromethane
Concen: 5.832 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV031145.D
Acq: 20 May 2023 07:37

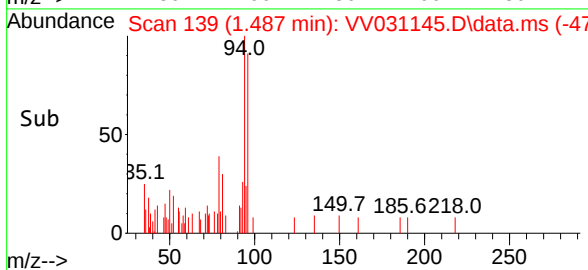
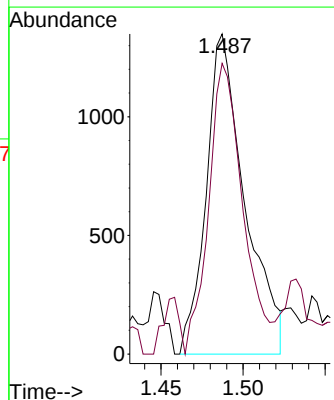
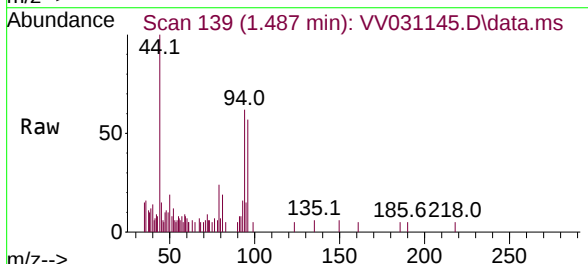
Instrument :
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ClientSampleId :
GBX74

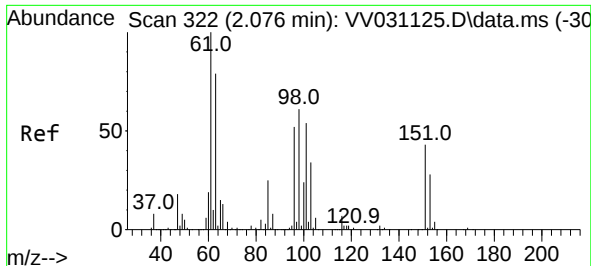
Tgt Ion: 50 Resp: 10147
Ion Ratio Lower Upper
50 100
52 34.8 23.3 43.3



#6
Bromomethane
Concen: 2.540 ug/L
RT: 1.487 min Scan# 139
Delta R.T. -0.003 min
Lab File: VV031145.D
Acq: 20 May 2023 07:37

Tgt Ion: 94 Resp: 2212
Ion Ratio Lower Upper
94 100
96 90.8 63.9 118.7





#12

1,1-Dichloroethene

Concen: 1.054 ug/L

RT: 2.063 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV031145.D

Acq: 20 May 2023 07:37

Instrument :

MSVOA_V

ClientSampleId :

GBX74

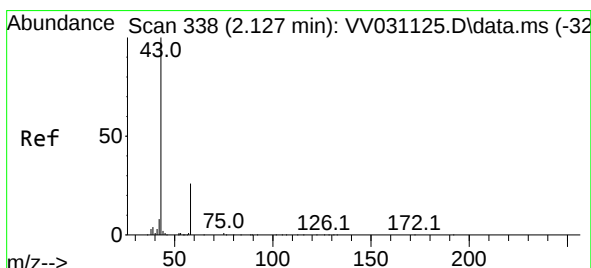
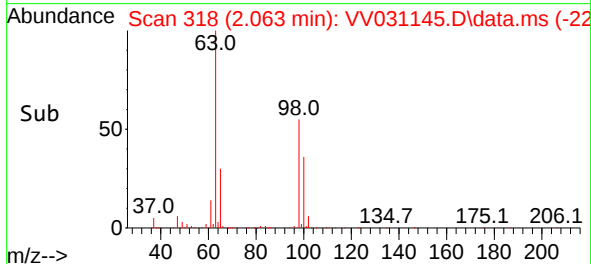
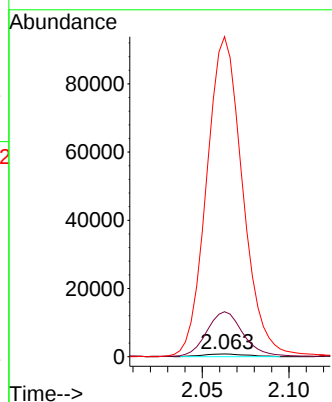
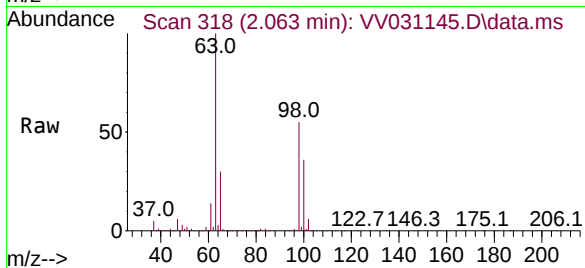
Tgt Ion: 96 Resp: 1441

Ion Ratio Lower Upper

96 100

61 1682.4 137.9 256.1#

63 11970.4 114.2 212.0#



#13

Acetone

Concen: 13.048 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.010 min

Lab File: VV031145.D

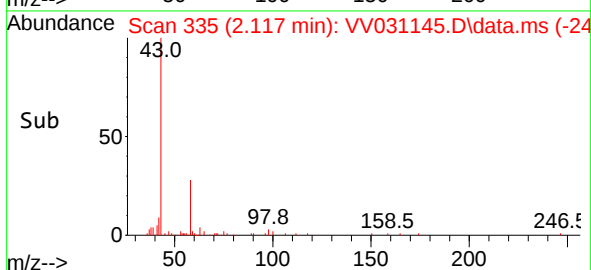
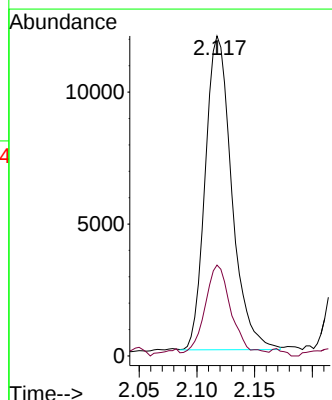
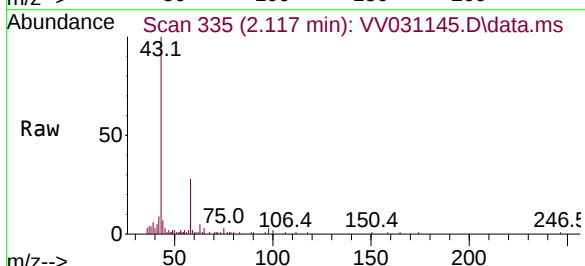
Acq: 20 May 2023 07:37

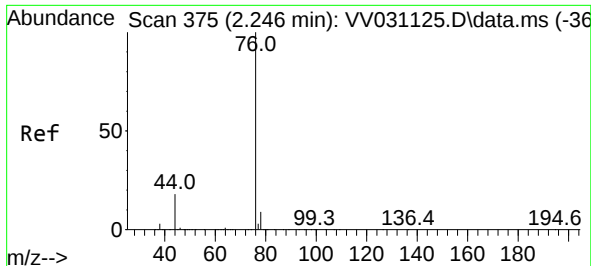
Tgt Ion: 43 Resp: 19015

Ion Ratio Lower Upper

43 100

58 26.1 0.0 54.0

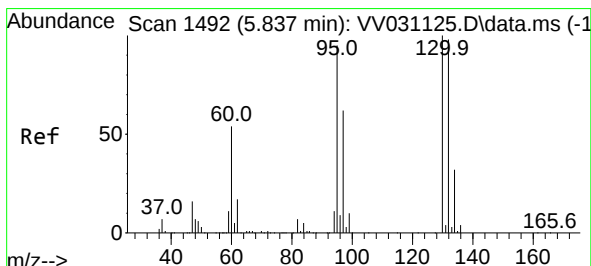
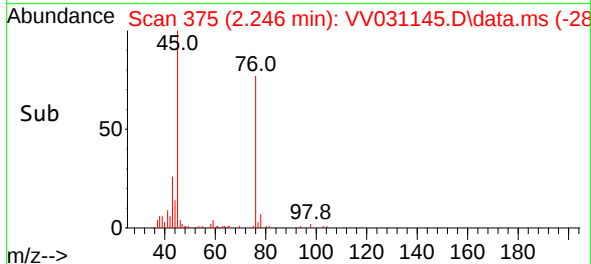
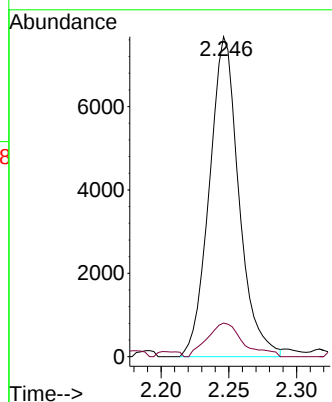
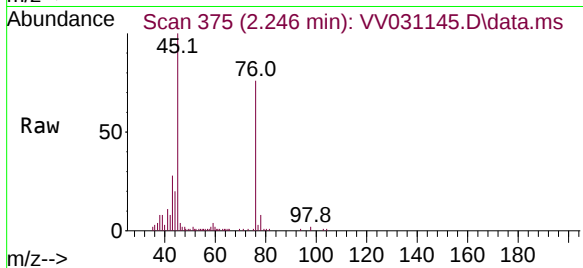




#14
Carbon disulfide
Concen: 4.677 ug/L
RT: 2.246 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV031145.D
Acq: 20 May 2023 07:37

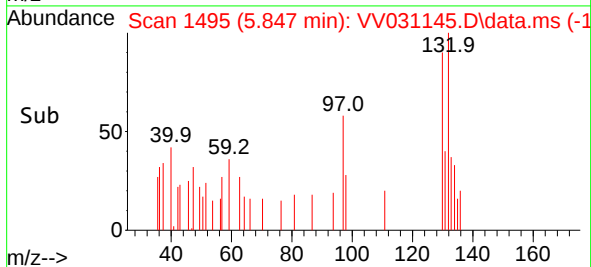
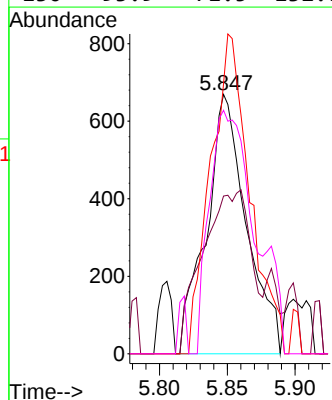
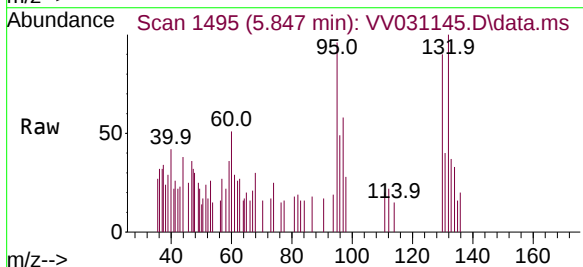
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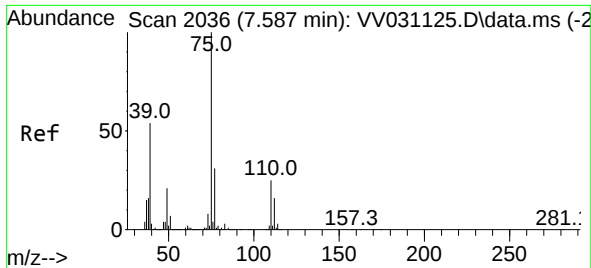
Tgt Ion: 76 Resp: 11653
Ion Ratio Lower Upper
76 100
78 10.5 7.0 10.4#



#34
Trichloroethene
Concen: 0.912 ug/L
RT: 5.847 min Scan# 1495
Delta R.T. 0.010 min
Lab File: VV031145.D
Acq: 20 May 2023 07:37

Tgt Ion: 95 Resp: 1380
Ion Ratio Lower Upper
95 100
97 60.8 44.4 82.5
132 104.2 70.2 130.4
130 93.9 71.5 132.7





#44
 trans-1,3-Dichloropropene
 Concen: 1.196 ug/L
 RT: 7.558 min Scan# 20
 Delta R.T. -0.029 min
 Lab File: VV031145.D
 Acq: 20 May 2023 07:37

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX74

Tgt Ion: 75 Resp: 2902
 Ion Ratio Lower Upper
 75 100
 77 32.7 22.2 41.2

