

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
 Data File : VV031132.D
 Acq On : 20 May 2023 02:17
 Operator : SY/MD
 Sample : 02865-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX61

Quant Time: May 20 06:25:09 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)

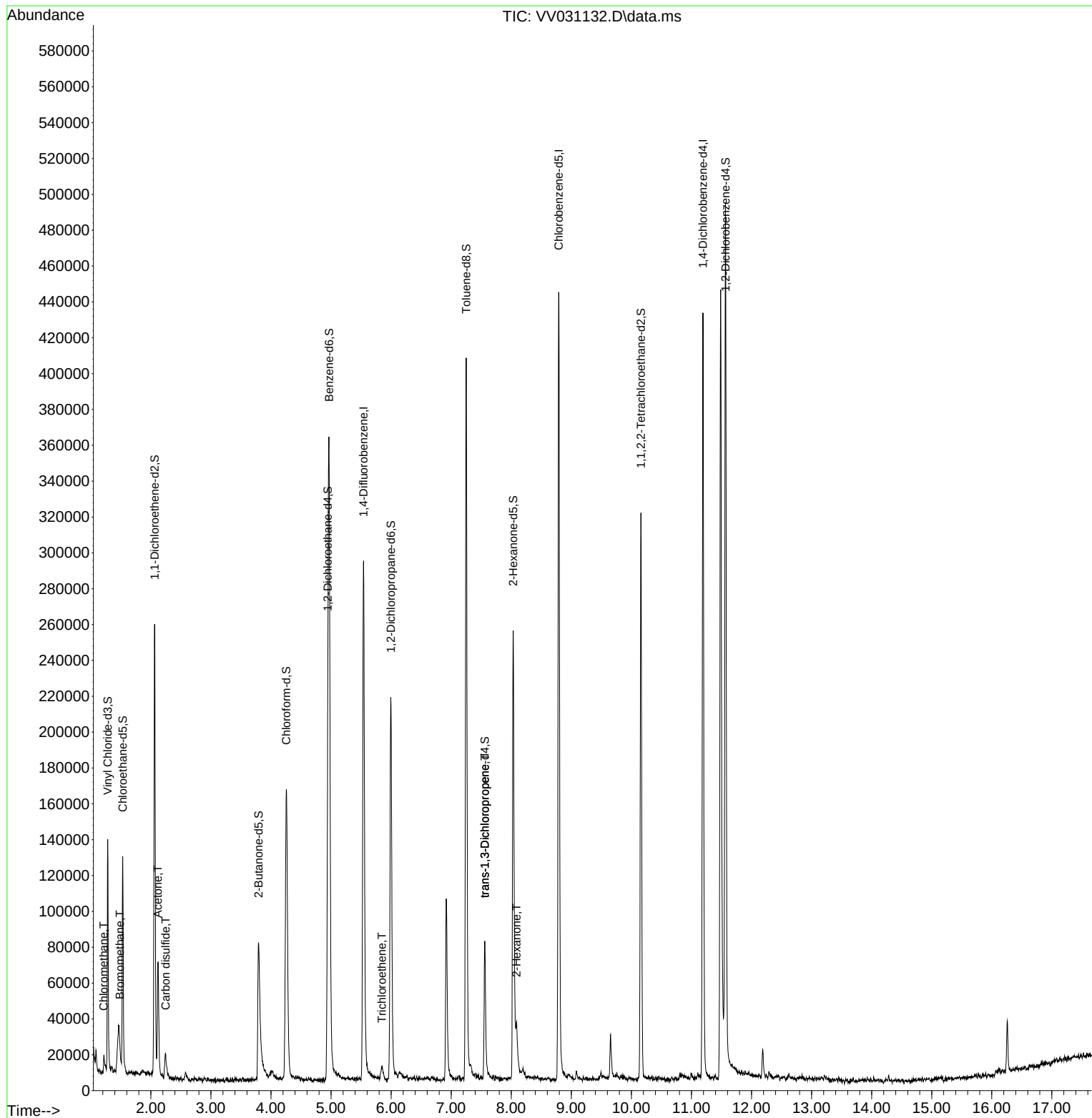
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	245756	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	236094	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	111769	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	85969	40.932	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.860%
7) Chloroethane-d5	1.532	69	72544	44.836	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.680%
11) 1,1-Dichloroethene-d2	2.063	65	43051	43.711	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.420%
21) 2-Butanone-d5	3.793	46	128500	114.821	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.820%
24) Chloroform-d	4.256	84	166054	44.691	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.380%
26) 1,2-Dichloroethane-d4	4.947	65	118596	47.235	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.480%
32) Benzene-d6	4.966	84	299262	46.757	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.520%
36) 1,2-Dichloropropane-d6	5.995	67	88961	46.454	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.900%
41) Toluene-d8	7.249	98	260954	43.685	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.360%
43) trans-1,3-Dichloroprop...	7.561	79	42986	44.740	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.480%
47) 2-Hexanone-d5	8.034	63	82091	109.944	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.940%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	135565	47.198	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	11.567	152	116779	58.143	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.280%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	8840	5.089	ug/L	98
6) Bromomethane	1.484	94	2869	3.300	ug/L	88
13) Acetone	2.117	43	68252	46.911	ug/L	99
14) Carbon disulfide	2.246	76	2818	1.133	ug/L #	75
34) Trichloroethene	5.847	95	2133	1.407	ug/L	94
44) trans-1,3-Dichloropropene	7.561	75	2457	1.012	ug/L	84
48) 2-Hexanone	8.088	43	15003	7.519	ug/L	90

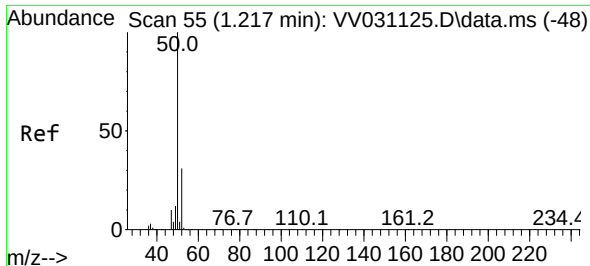
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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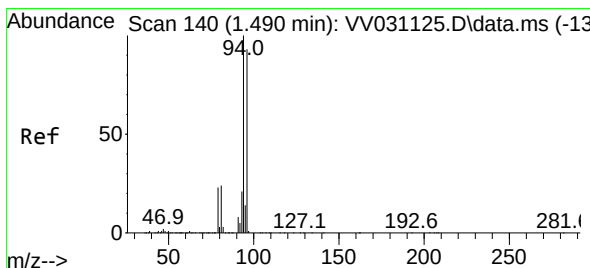
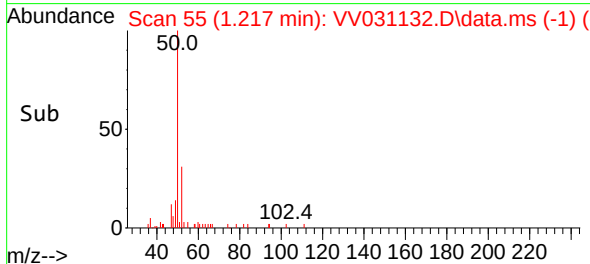
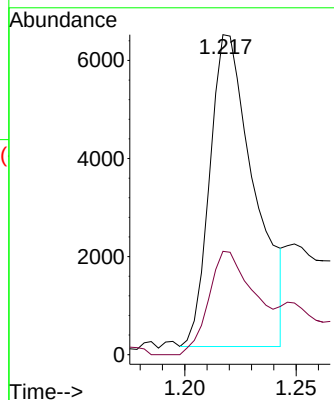
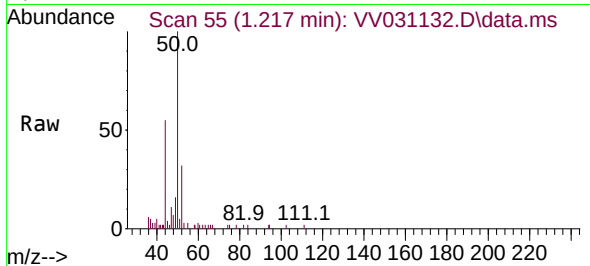




#3
Chloromethane
Concen: 5.089 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV031132.D
Acq: 20 May 2023 02:17

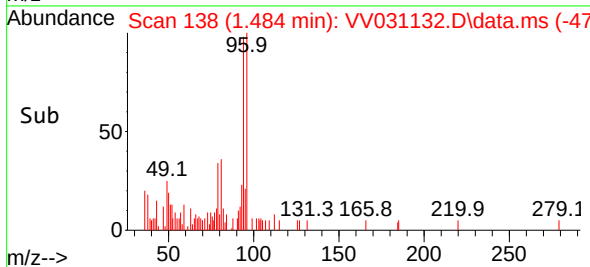
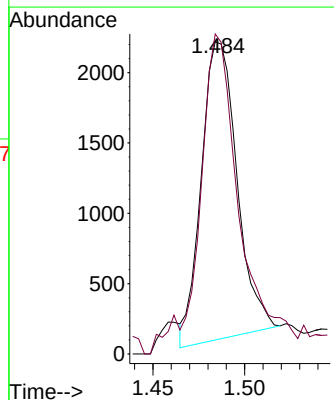
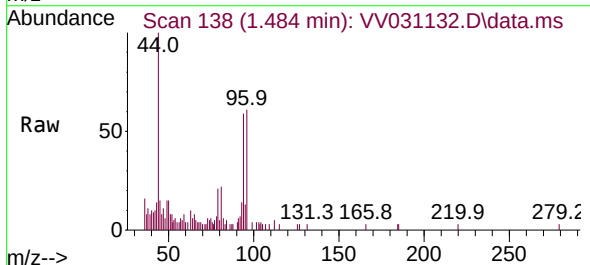
Instrument :
MSVOA_V
ClientSampleId :
GBX61

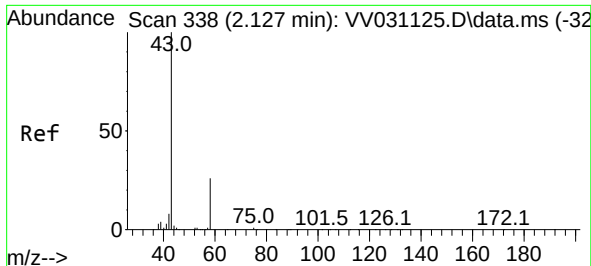
Tgt Ion: 50 Resp: 8840
Ion Ratio Lower Upper
50 100
52 32.3 23.3 43.3



#6
Bromomethane
Concen: 3.300 ug/L
RT: 1.484 min Scan# 138
Delta R.T. -0.006 min
Lab File: VV031132.D
Acq: 20 May 2023 02:17

Tgt Ion: 94 Resp: 2869
Ion Ratio Lower Upper
94 100
96 102.5 63.9 118.7





#13

Acetone

Concen: 46.911 ug/L

RT: 2.117 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV031132.D

Acq: 20 May 2023 02:17

Instrument :

MSVOA_V

ClientSampleId :

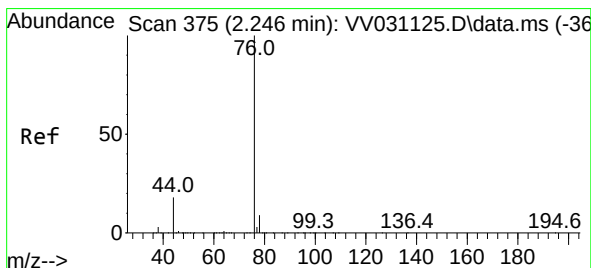
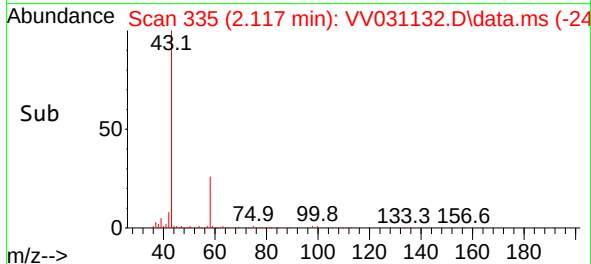
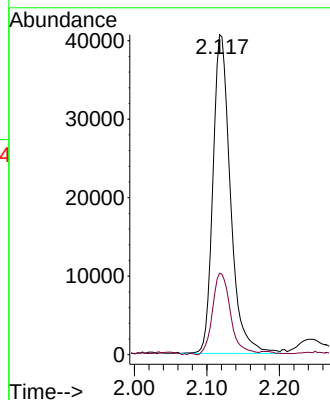
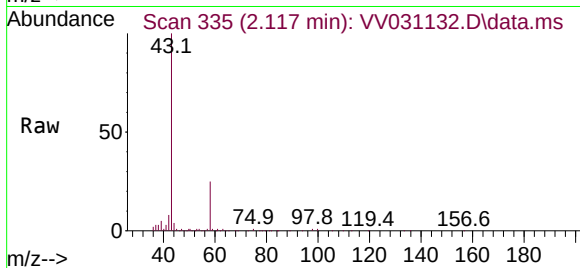
GBX61

Tgt Ion: 43 Resp: 68252

Ion Ratio Lower Upper

43 100

58 26.4 0.0 54.0



#14

Carbon disulfide

Concen: 1.133 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.000 min

Lab File: VV031132.D

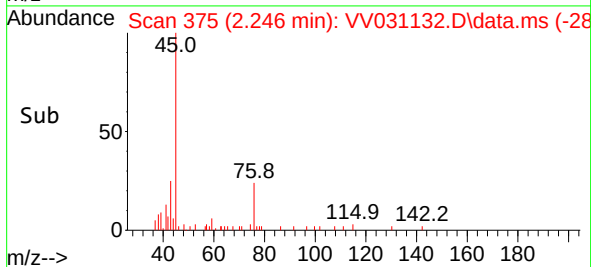
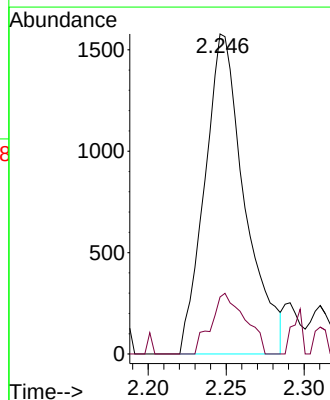
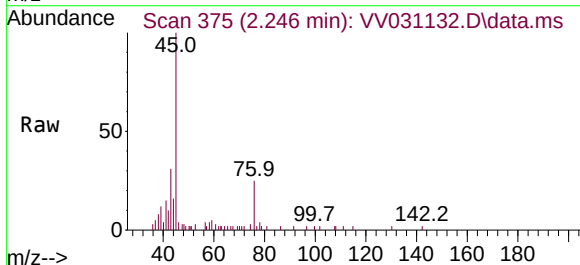
Acq: 20 May 2023 02:17

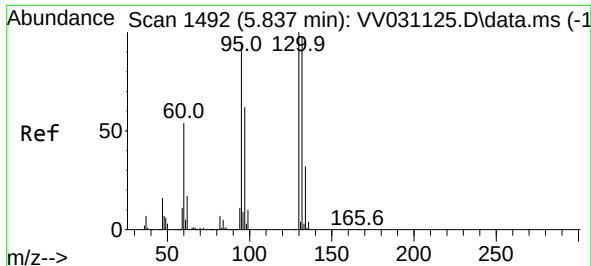
Tgt Ion: 76 Resp: 2818

Ion Ratio Lower Upper

76 100

78 17.8 7.0 10.4#





#34

Trichloroethene

Concen: 1.407 ug/L

RT: 5.847 min Scan# 1492

Delta R.T. 0.010 min

Lab File: VV031132.D

Acq: 20 May 2023 02:17

Instrument :

MSVOA_V

ClientSampleId :

GBX61

Tgt Ion: 95 Resp: 2133

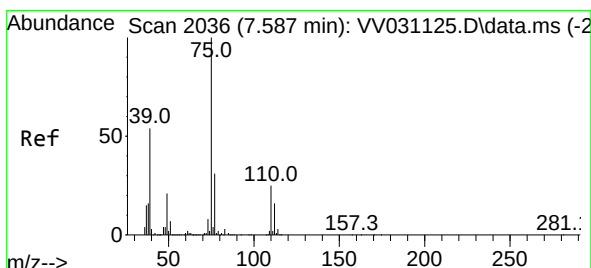
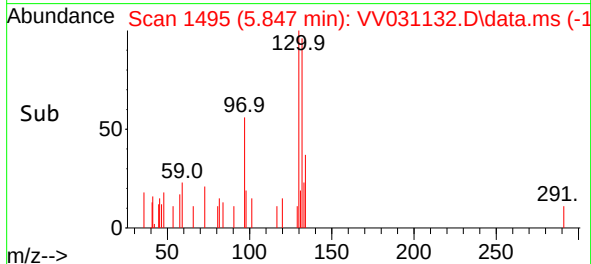
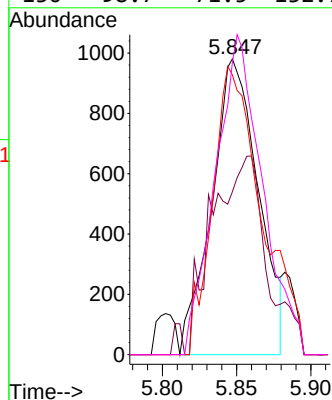
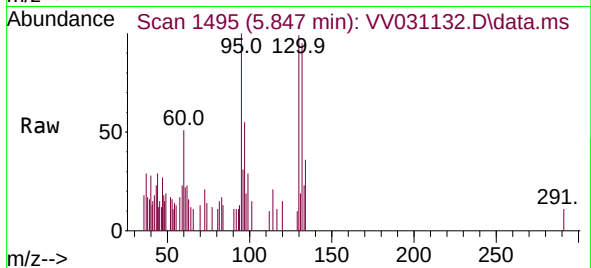
Ion Ratio Lower Upper

95 100

97 55.0 44.4 82.5

132 94.6 70.2 130.4

130 98.7 71.5 132.7



#44

trans-1,3-Dichloropropene

Concen: 1.012 ug/L

RT: 7.561 min Scan# 2028

Delta R.T. -0.026 min

Lab File: VV031132.D

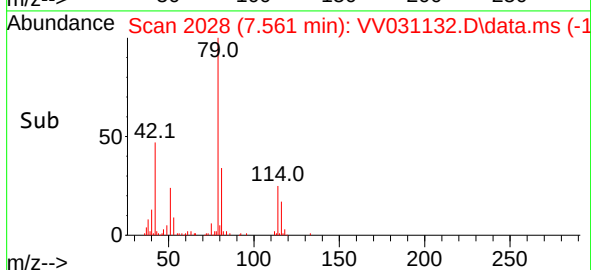
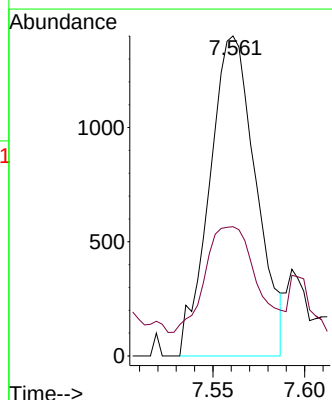
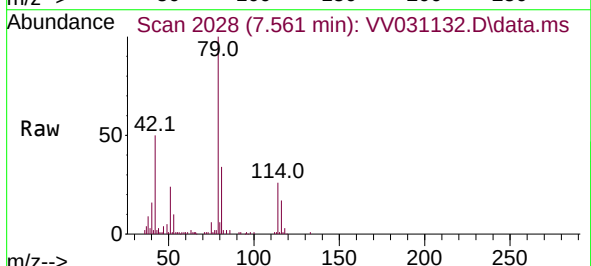
Acq: 20 May 2023 02:17

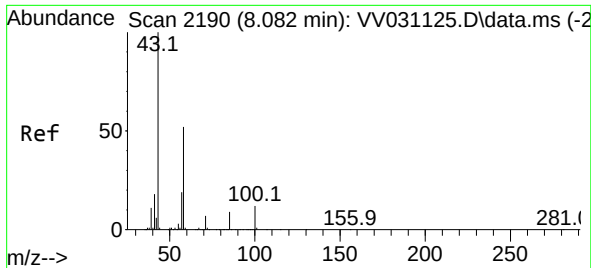
Tgt Ion: 75 Resp: 2457

Ion Ratio Lower Upper

75 100

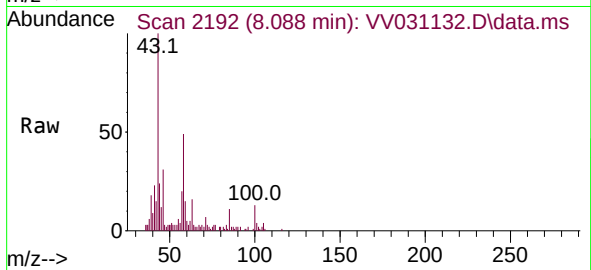
77 40.4 22.2 41.2





#48
 2-Hexanone
 Concen: 7.519 ug/L
 RT: 8.088 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV031132.D
 Acq: 20 May 2023 02:17

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion: 43 Resp: 15003

Ion	Ratio	Lower	Upper
43	100		
58	58.4	39.8	59.6
57	14.9	14.4	21.6
100	9.3	9.1	13.7

