

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060823\
 Data File : VV031465.D
 Acq On : 08 Jun 2023 22:29
 Operator : SY/MD
 Sample : 03106-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FD5

Quant Time: Jun 09 06:53:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 09 06:27:10 2023
 Response via : Initial Calibration

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

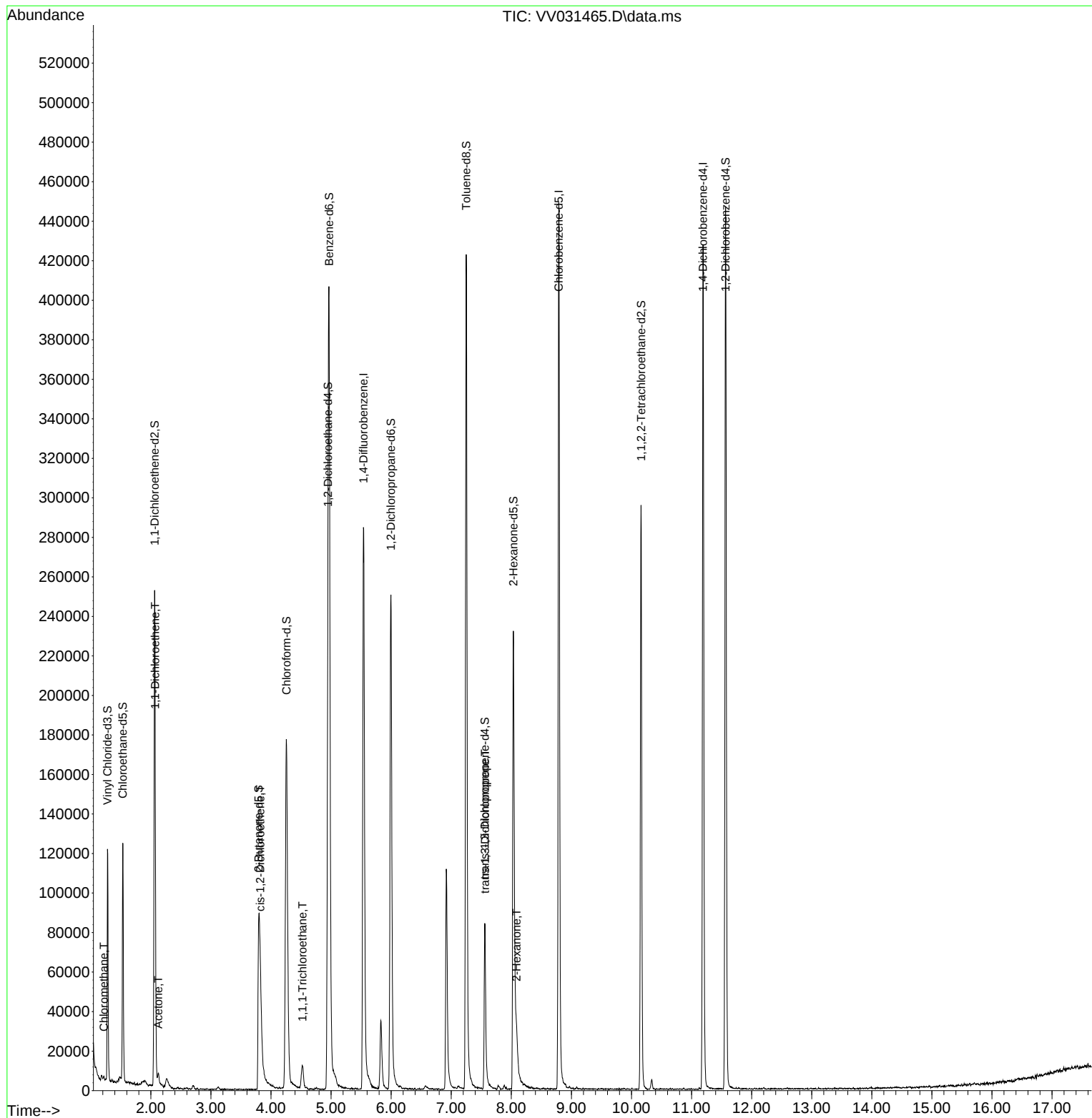
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	231695	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	237776	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	111027	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	78860	38.685	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	77.360%	
7) Chloroethane-d5	1.532	69	77898	47.199	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	94.400%	
11) 1,1-Dichloroethene-d2	2.063	65	41487	42.941	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	85.880%	
21) 2-Butanone-d5	3.796	46	151231	102.652	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	102.650%	
24) Chloroform-d	4.255	84	190243	49.061	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.120%	
26) 1,2-Dichloroethane-d4	4.947	65	132304	50.860	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.720%	
32) Benzene-d6	4.966	84	331804	47.265	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.520%	
36) 1,2-Dichloropropane-d6	5.995	67	124062	50.842	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	101.680%	
41) Toluene-d8	7.249	98	282994	43.883	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	87.760%	
43) trans-1,3-Dichloroprop...	7.558	79	52428	42.654	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	85.300%	
47) 2-Hexanone-d5	8.033	63	74373	80.924	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	80.920%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	140904	45.756	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	91.520%	
66) 1,2-Dichlorobenzene-d4	11.567	152	112764	54.750	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	109.500%	
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1190	1.578	ug/L	93
12) 1,1-Dichloroethene	2.072	96	9741	10.539	ug/L #	1
13) Acetone	2.124	43	6310	4.788	ug/L	96
20) cis-1,2-Dichloroethene	3.821	96	6002	4.213	ug/L	90
30) 1,1,1-Trichloroethane	4.522	97	10142	3.614	ug/L	97
44) trans-1,3-Dichloropropene	7.564	75	2400	0.839	ug/L	87
48) 2-Hexanone	8.088	43	16238	6.762	ug/L #	79

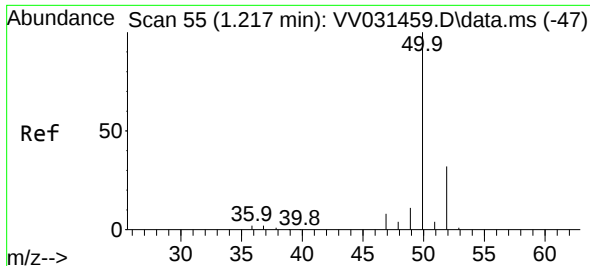
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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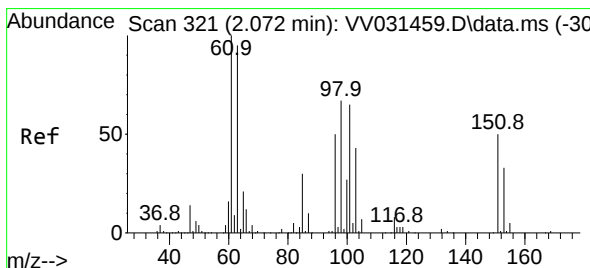
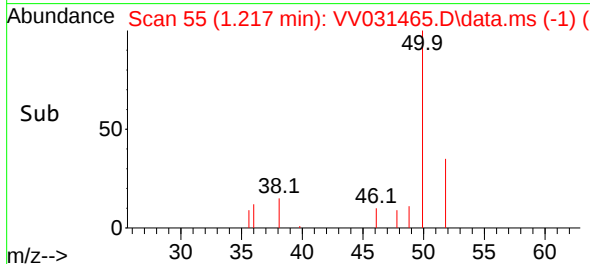
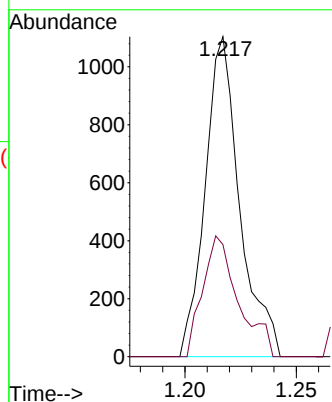
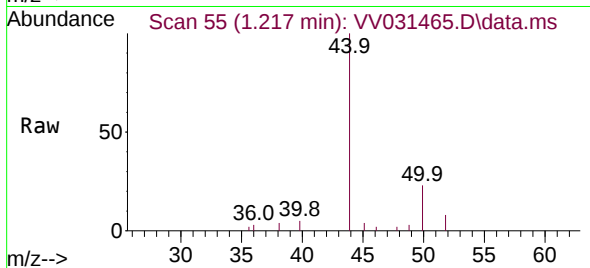




#3
Chloromethane
Concen: 1.578 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV031465.D
Acq: 08 Jun 2023 22:29

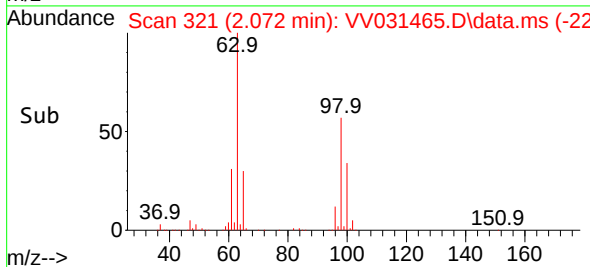
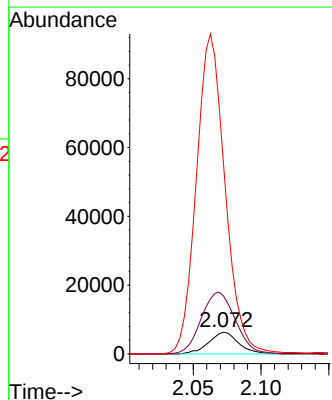
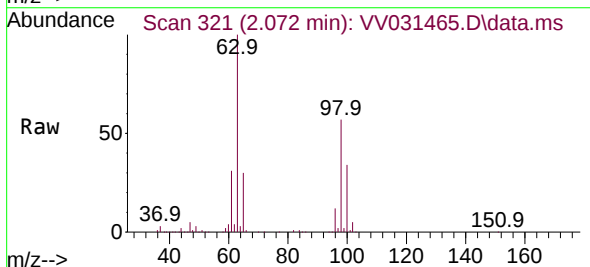
Instrument :
MSVOA_V
ClientSampleId :
C0FD5

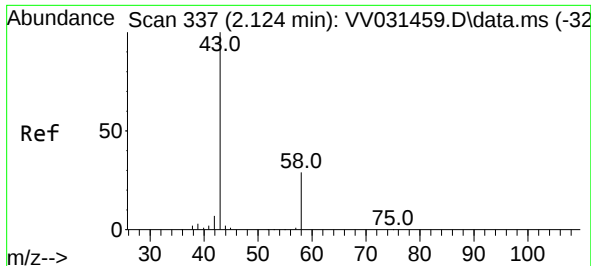
Tgt Ion: 50 Resp: 1190
Ion Ratio Lower Upper
50 100
52 35.1 21.9 40.7



#12
1,1-Dichloroethene
Concen: 10.539 ug/L
RT: 2.072 min Scan# 321
Delta R.T. -0.000 min
Lab File: VV031465.D
Acq: 08 Jun 2023 22:29

Tgt Ion: 96 Resp: 9741
Ion Ratio Lower Upper
96 100
61 265.9 143.9 267.3
63 868.4 158.3 293.9#





#13

Acetone

Concen: 4.788 ug/L

RT: 2.124 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV031465.D

Acq: 08 Jun 2023 22:29

Instrument :

MSVOA_V

ClientSampleId :

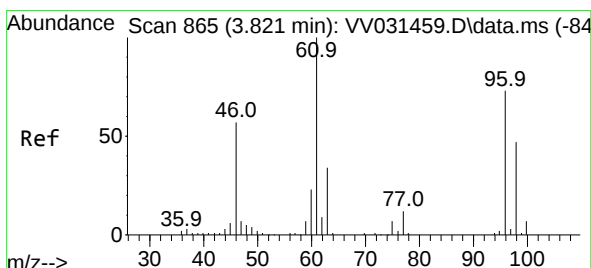
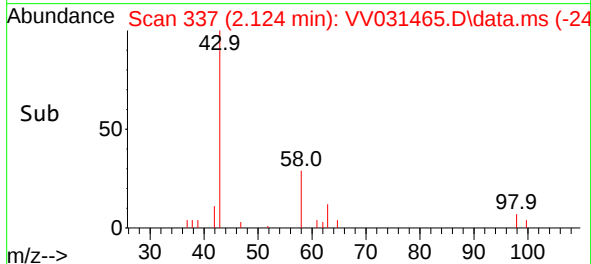
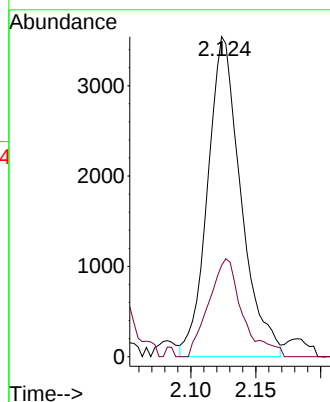
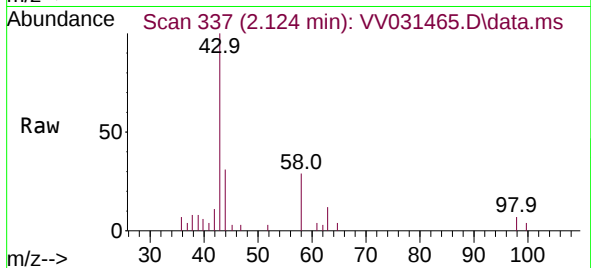
C0FD5

Tgt Ion: 43 Resp: 6310

Ion Ratio Lower Upper

43 100

58 28.4 0.0 61.0



#20

cis-1,2-Dichloroethene

Concen: 4.213 ug/L

RT: 3.821 min Scan# 865

Delta R.T. -0.000 min

Lab File: VV031465.D

Acq: 08 Jun 2023 22:29

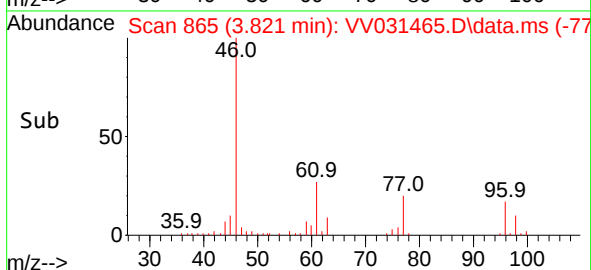
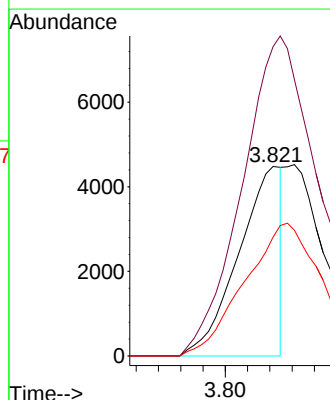
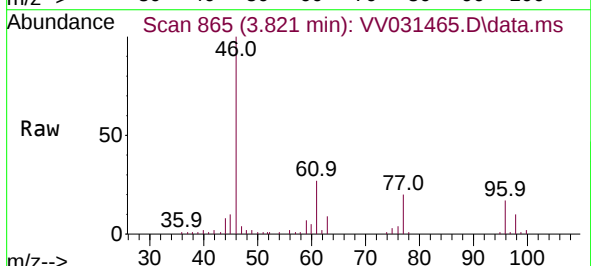
Tgt Ion: 96 Resp: 6002

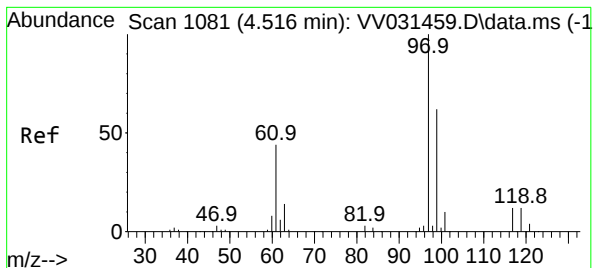
Ion Ratio Lower Upper

96 100

61 163.1 101.6 188.6

98 62.7 44.4 82.4





#30

1,1,1-Trichloroethane

Concen: 3.614 ug/L

RT: 4.522 min Scan# 1081

Delta R.T. 0.006 min

Lab File: VV031465.D

Acq: 08 Jun 2023 22:29

Instrument :

MSVOA_V

ClientSampleId :

C0FD5

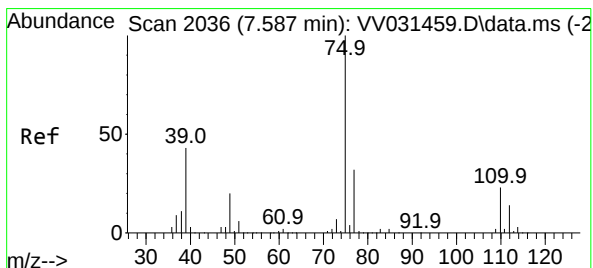
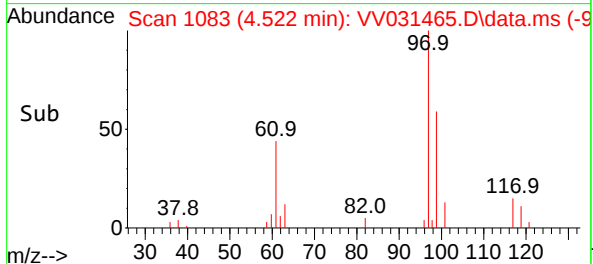
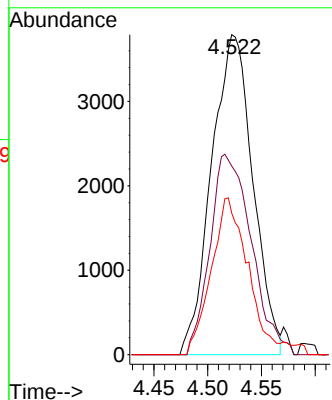
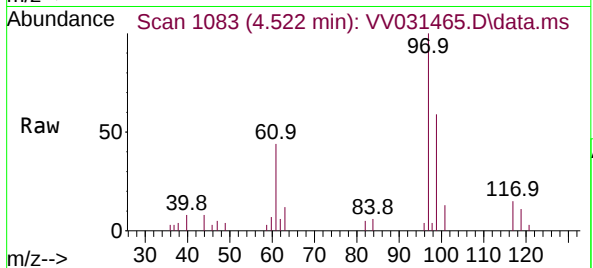
Tgt Ion: 97 Resp: 10142

Ion Ratio Lower Upper

97 100

99 62.7 51.9 77.9

61 43.1 36.1 54.1



#44

trans-1,3-Dichloropropene

Concen: 0.839 ug/L

RT: 7.564 min Scan# 2029

Delta R.T. -0.023 min

Lab File: VV031465.D

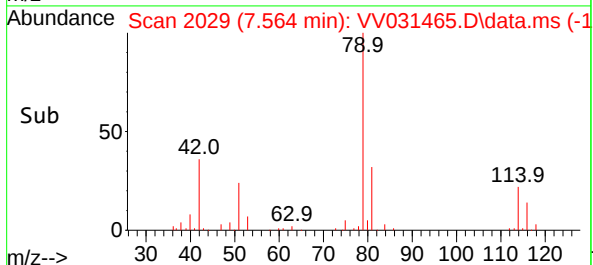
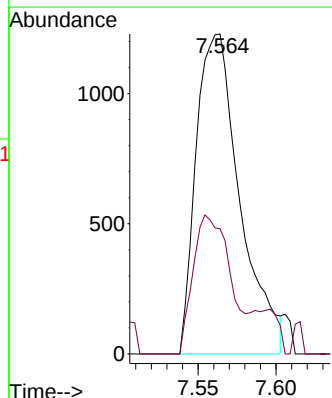
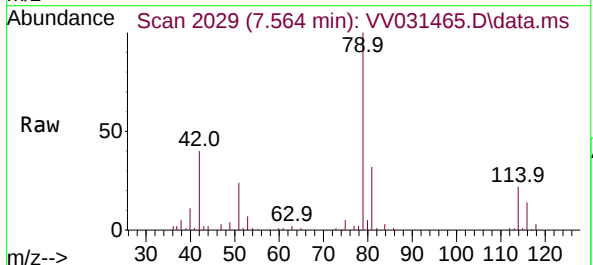
Acq: 08 Jun 2023 22:29

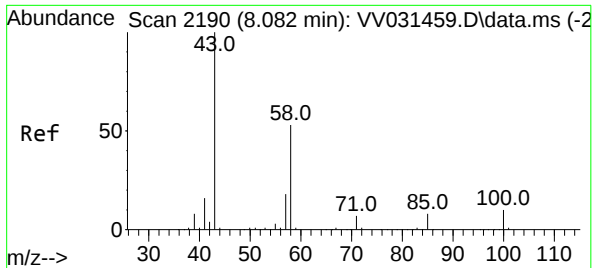
Tgt Ion: 75 Resp: 2400

Ion Ratio Lower Upper

75 100

77 39.1 22.2 41.2





#48
 2-Hexanone
 Concen: 6.762 ug/L
 RT: 8.088 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV031465.D
 Acq: 08 Jun 2023 22:29

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FD5

Tgt Ion: 43	Resp: 16238
Ion Ratio	Lower Upper
43	100
58	35.7 42.9 64.3#
57	14.3 14.6 22.0#
100	2.3 8.2 12.2#

