

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120922\
 Data File : VW029529.D
 Acq On : 09 Dec 2022 18:18
 Operator : SY/MD
 Sample : N5959-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EK6

Quant Time: Dec 09 23:53:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 09 23:48:53 2022
 Response via : Initial Calibration

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

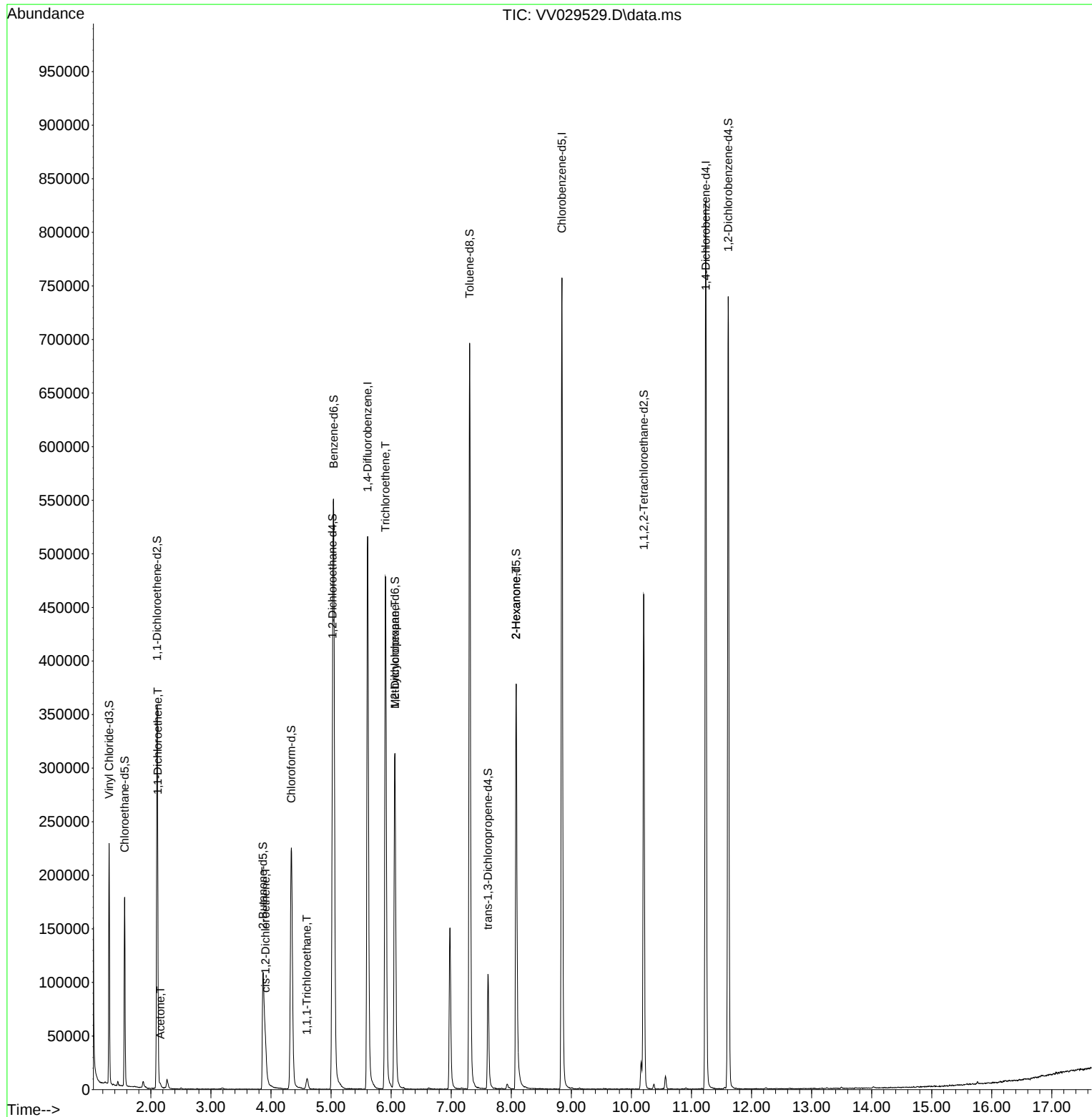
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	479648	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	439048	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	227222	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	141466	48.164	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.320%
7) Chloroethane-d5	1.564	69	112146	50.072	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.140%
11) 1,1-Dichloroethene-d2	2.105	63	177021	38.641	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.280%
21) 2-Butanone-d5	3.867	46	170862	95.361	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.360%
24) Chloroform-d	4.339	84	245279	44.377	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.760%
26) 1,2-Dichloroethane-d4	5.024	65	148458	47.028	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.060%
32) Benzene-d6	5.043	84	536539	46.249	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.500%
36) 1,2-Dichloropropane-d6	6.063	67	165576	46.725	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.460%
41) Toluene-d8	7.307	98	487079	44.560	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.120%
43) trans-1,3-Dichloroprop...	7.612	79	67218	37.565	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.120%
47) 2-Hexanone-d5	8.082	63	145901	96.419	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.420%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	231329	45.683	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.360%
66) 1,2-Dichlorobenzene-d4	11.612	152	199475	46.117	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.240%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	13398	5.226	ug/L #	1
13) Acetone	2.159	43	3029	2.595	ug/L	97
20) cis-1,2-Dichloroethene	3.908	96	16011	4.929	ug/L	92
30) 1,1,1-Trichloroethane	4.596	97	8530	1.783	ug/L	98
34) Trichloroethene	5.905	95	172164	55.517	ug/L	98
35) Methylcyclohexane	6.063	83	39276	7.457	ug/L #	21
48) 2-Hexanone	8.082	43	13977	5.137	ug/L #	64

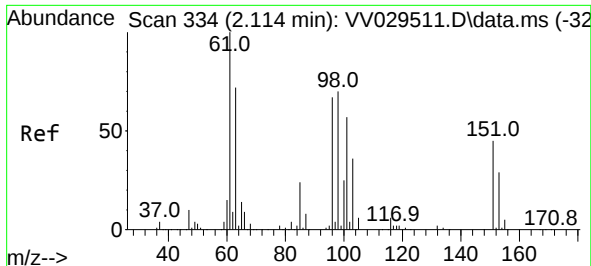
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 09 23:48:53 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.226 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV029529.D

Acq: 09 Dec 2022 18:18

Instrument :

MSVOA_V

ClientSampleId :

C0EK6

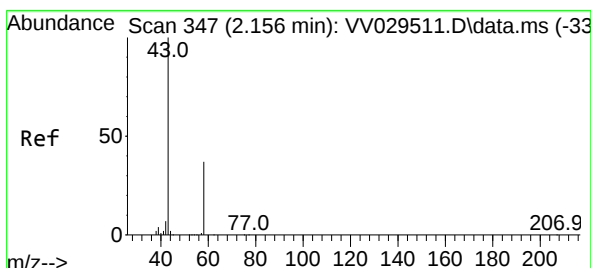
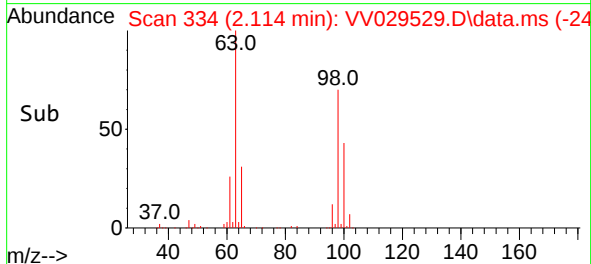
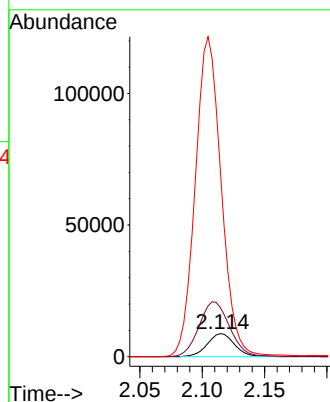
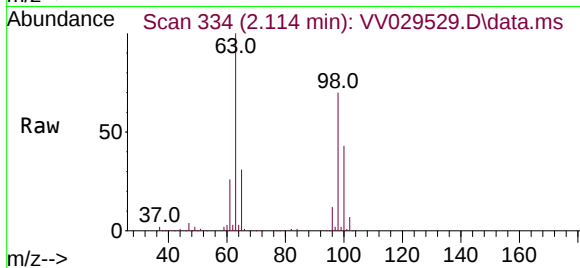
Tgt Ion: 96 Resp: 13398

Ion Ratio Lower Upper

96 100

61 215.1 103.3 191.9#

63 825.5 77.3 143.7#



#13

Acetone

Concen: 2.595 ug/L

RT: 2.159 min Scan# 348

Delta R.T. 0.003 min

Lab File: VV029529.D

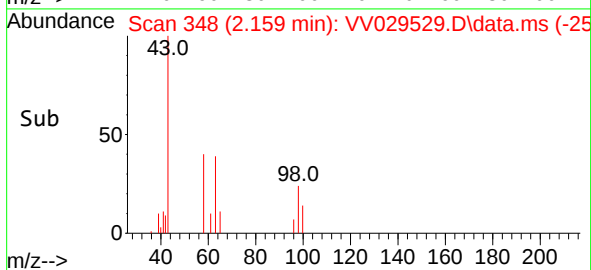
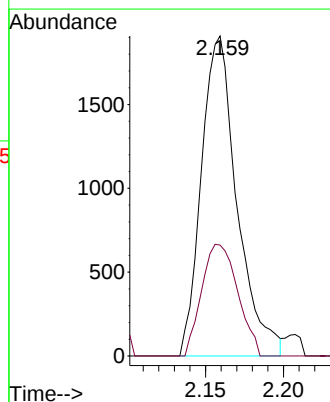
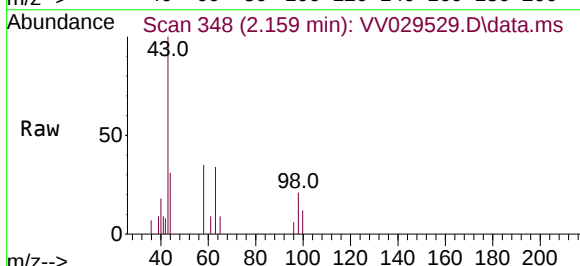
Acq: 09 Dec 2022 18:18

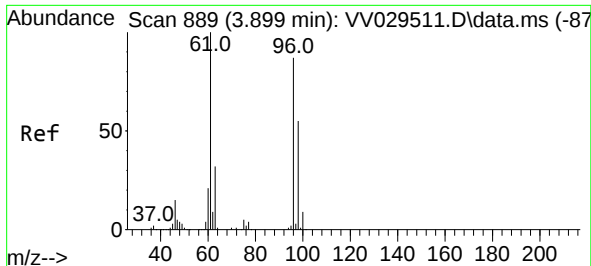
Tgt Ion: 43 Resp: 3029

Ion Ratio Lower Upper

43 100

58 35.3 0.0 74.8

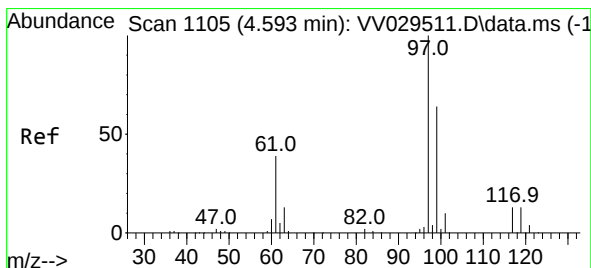
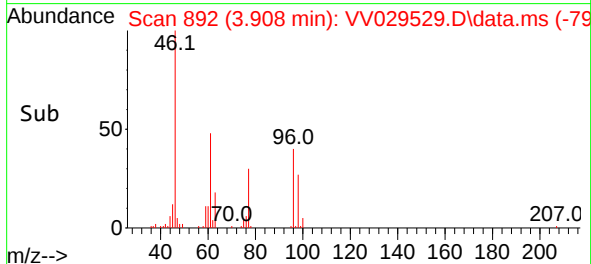
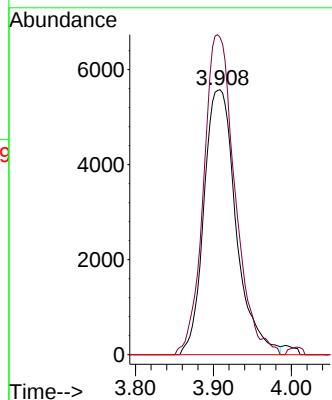
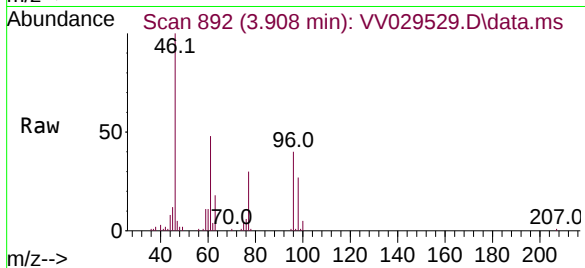




#20
 cis-1,2-Dichloroethene
 Concen: 4.929 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. 0.010 min
 Lab File: VV029529.D
 Acq: 09 Dec 2022 18:18

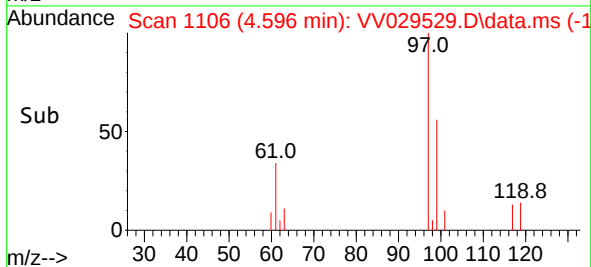
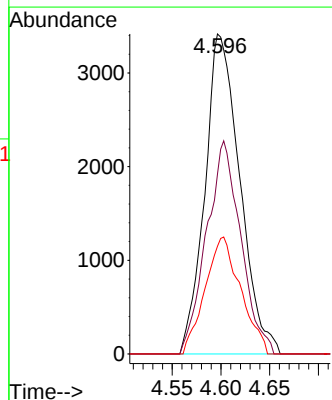
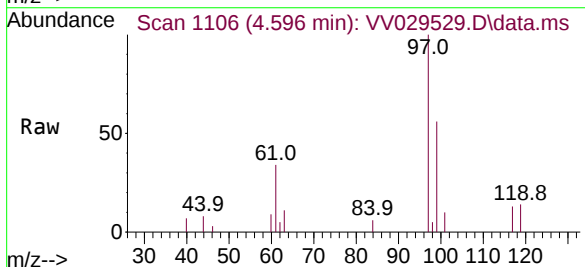
Instrument :
 MSVOA_V
 ClientSampleId :
 C0EK6

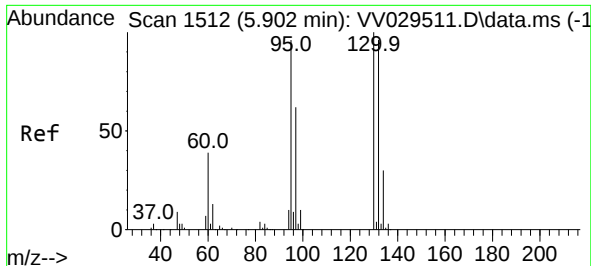
Tgt Ion: 96 Resp: 16011
 Ion Ratio Lower Upper
 96 100
 61 119.7 78.0 144.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 1.783 ug/L
 RT: 4.596 min Scan# 1106
 Delta R.T. 0.003 min
 Lab File: VV029529.D
 Acq: 09 Dec 2022 18:18

Tgt Ion: 97 Resp: 8530
 Ion Ratio Lower Upper
 97 100
 99 65.2 52.1 78.1
 61 37.2 31.8 47.8





#34

Trichloroethene

Concen: 55.517 ug/L

RT: 5.905 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV029529.D

Acq: 09 Dec 2022 18:18

Instrument :

MSVOA_V

ClientSampleId :

C0EK6

Tgt Ion: 95 Resp: 172164

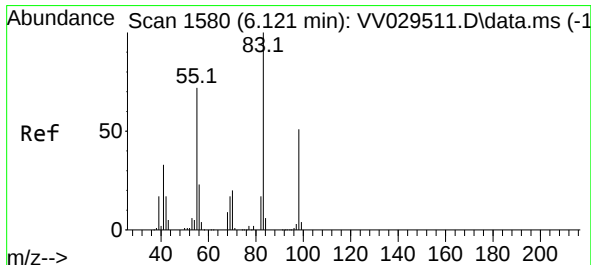
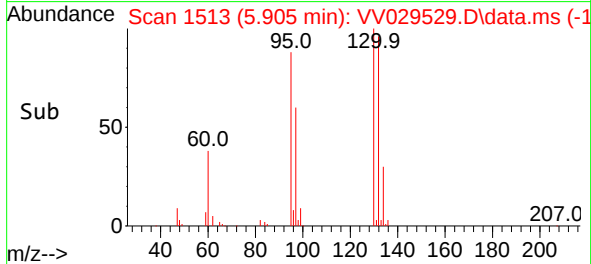
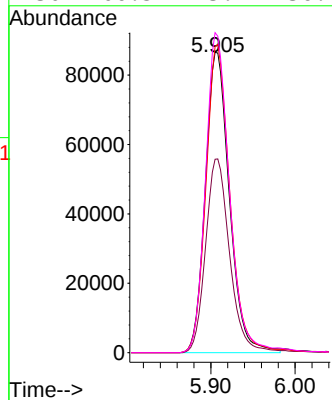
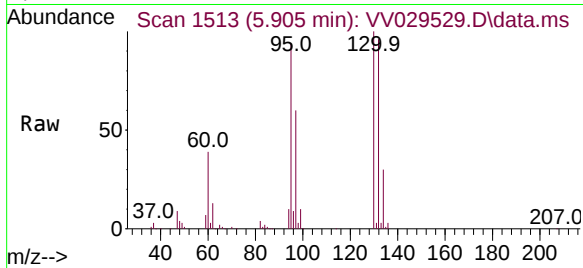
Ion Ratio Lower Upper

95 100

97 64.4 44.0 81.8

132 101.8 69.9 129.9

130 106.5 73.7 136.9



#35

Methylcyclohexane

Concen: 7.457 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV029529.D

Acq: 09 Dec 2022 18:18

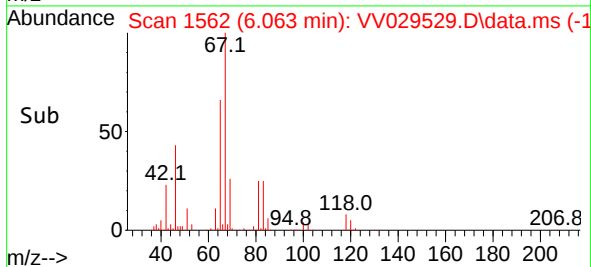
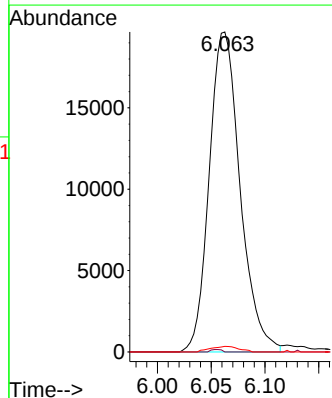
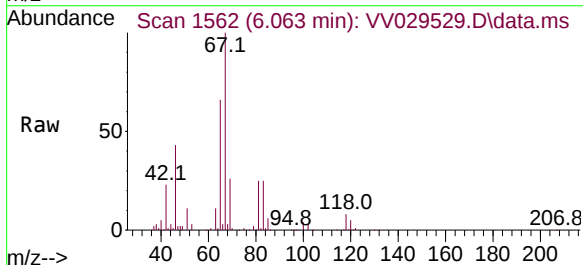
Tgt Ion: 83 Resp: 39276

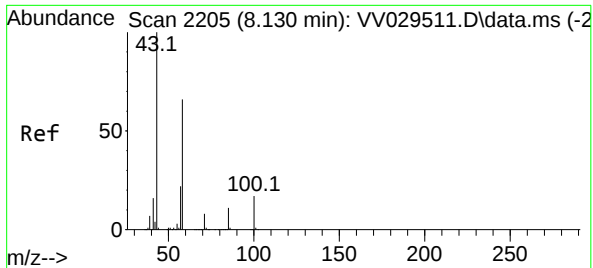
Ion Ratio Lower Upper

83 100

55 0.3 55.5 83.3#

98 1.6 39.8 59.8#





#48
 2-Hexanone
 Concen: 5.137 ug/L
 RT: 8.082 min Scan# 21
 Delta R.T. -0.048 min
 Lab File: VV029529.D
 Acq: 09 Dec 2022 18:18

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EK6

Tgt Ion: 43	Resp:	13977
Ion	Ratio	Lower Upper
43	100	
58	33.3	54.1 81.1#
57	28.9	17.4 26.0#
100	0.1	13.6 20.4#

