

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036174.D
 Acq On : 20 Jun 2024 20:31
 Operator : SY/MD
 Sample : P2960-11
 Misc : 5.37g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 05:19:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

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

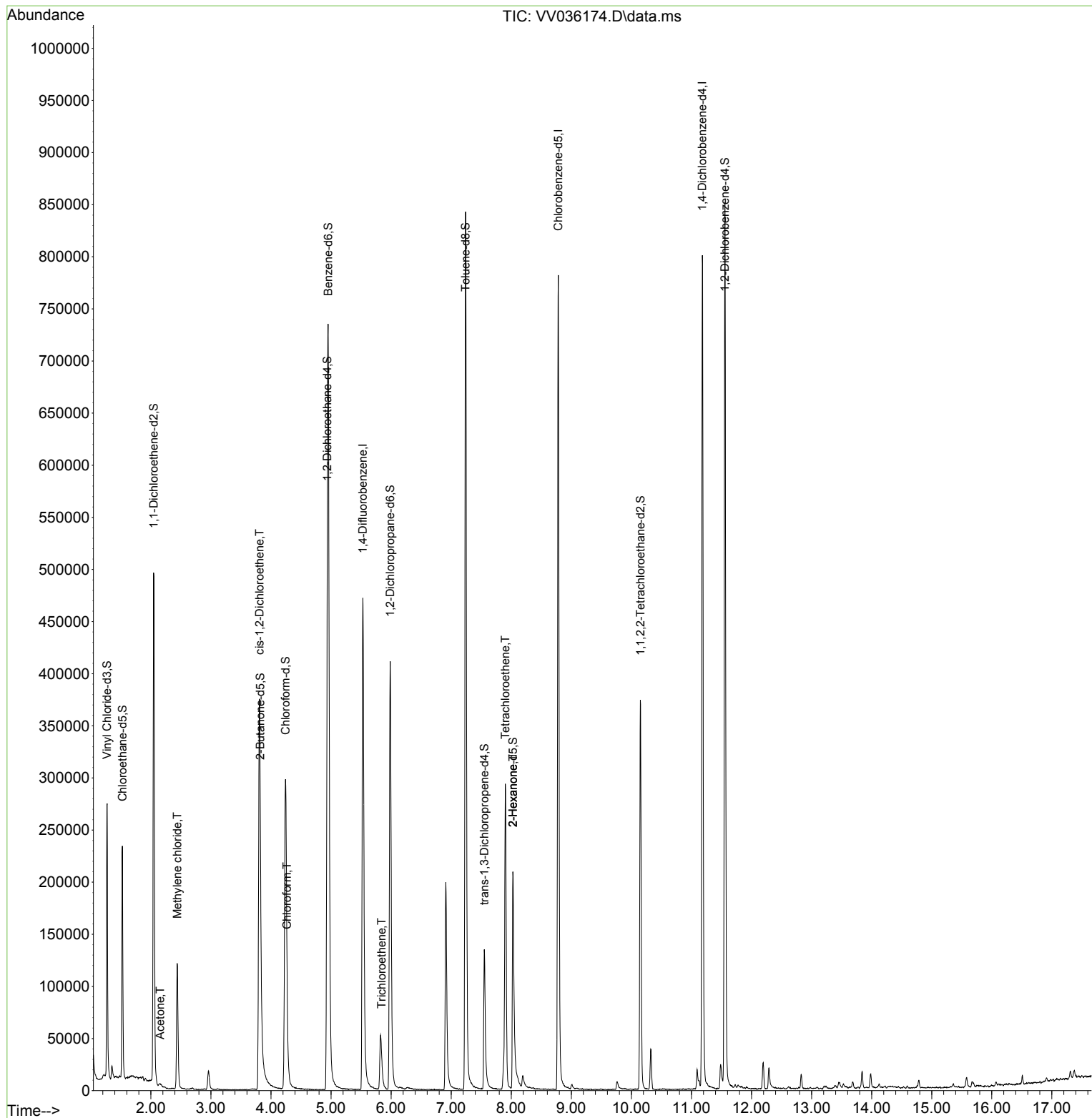
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	420565	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	434389	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	208719	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	181714	23.501	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.000%
7) Chloroethane-d5	1.526	69	151204	24.525	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.120%
11) 1,1-Dichloroethene-d2	2.047	65	84707	24.609	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.440%
21) 2-Butanone-d5	3.821	46	92411	52.091	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.180%
24) Chloroform-d	4.243	84	330414	24.712	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.840%
26) 1,2-Dichloroethane-d4	4.937	65	199862	28.510	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.040%
32) Benzene-d6	4.953	84	662878	25.672	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.680%
36) 1,2-Dichloropropane-d6	5.985	67	208038	25.585	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.320%
41) Toluene-d8	7.239	98	577860	25.364	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.440%
43) trans-1,3-Dichloroprop...	7.551	79	85670	25.696	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.800%
47) 2-Hexanone-d5	8.027	63	79329	72.007	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.020%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	184791	30.412	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.640%#
66) 1,2-Dichlorobenzene-d4	11.557	152	220053	28.750	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.000%
Target Compounds						
					Qvalue	
13) Acetone	2.153	43	5891	2.132	ug/L	83
16) Methylene chloride	2.439	84	53491	5.621	ug/L	94
20) cis-1,2-Dichloroethene	3.809	96	194925	27.116	ug/L	99
25) Chloroform	4.268	83	8863	0.632	ug/L	99
34) Trichloroethene	5.841	95	6799	0.781	ug/L	96
46) Tetrachloroethene	7.902	164	66124	10.383	ug/L	99
48) 2-Hexanone	8.027	43	9222	2.910	ug/L #	65

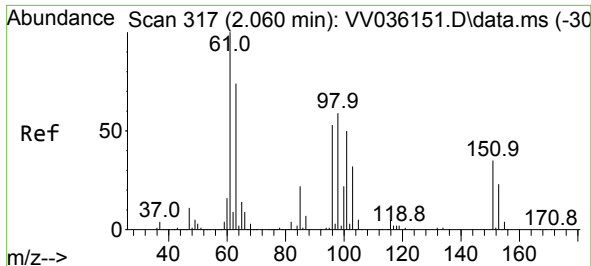
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jun 20 05:02:48 2024
Response via : Initial Calibration





#13

Acetone

Concen: 2.132 ug/L

RT: 2.153 min Scan# 346

Delta R.T. 0.006 min

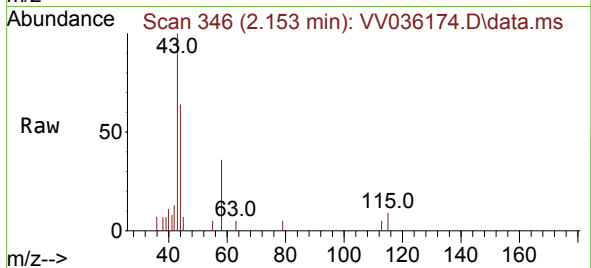
Lab File: VV036174.D

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Instrument :

MSVOA_V

ClientSampleId :

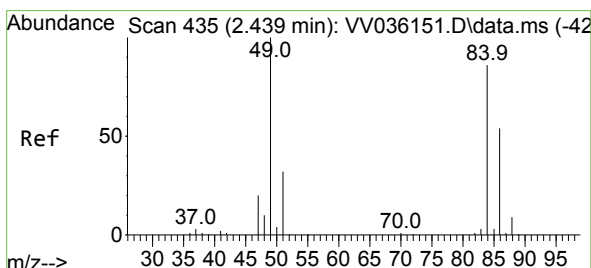
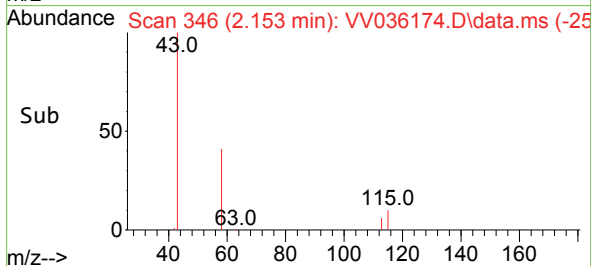
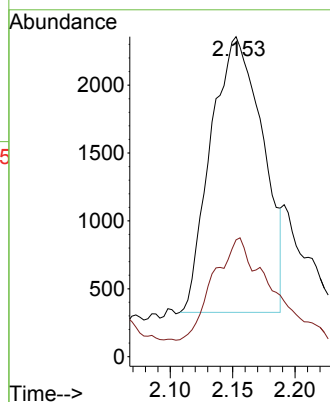


Tgt Ion: 43 Resp: 5891

Ion Ratio Lower Upper

43 100

58 5.4 0.0 24.2



#16

Methylene chloride

Concen: 5.621 ug/L

RT: 2.439 min Scan# 435

Delta R.T. -0.000 min

Lab File: VV036174.D

Acq: 20 Jun 2024 20:31

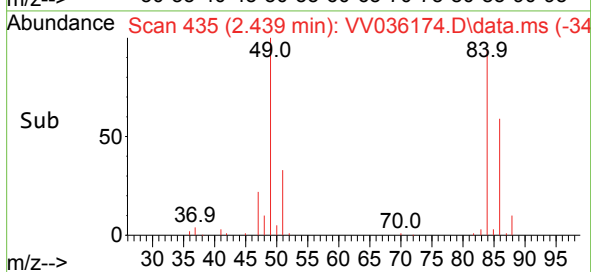
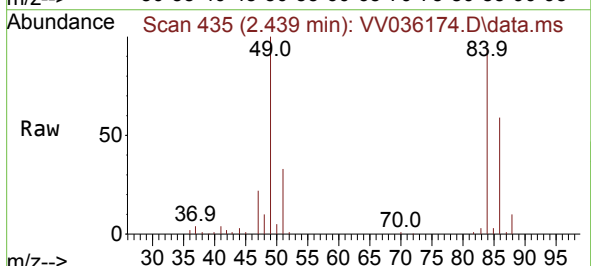
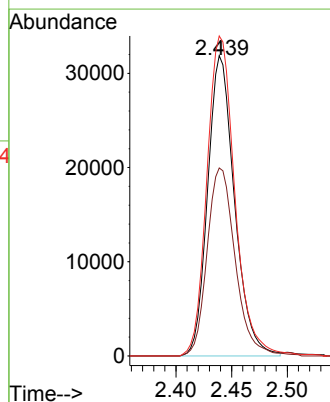
Tgt Ion: 84 Resp: 53491

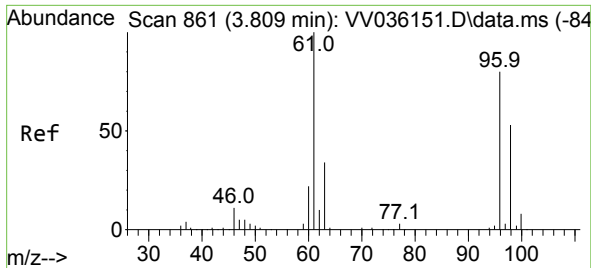
Ion Ratio Lower Upper

84 100

86 62.6 44.6 82.8

49 106.5 81.1 150.5

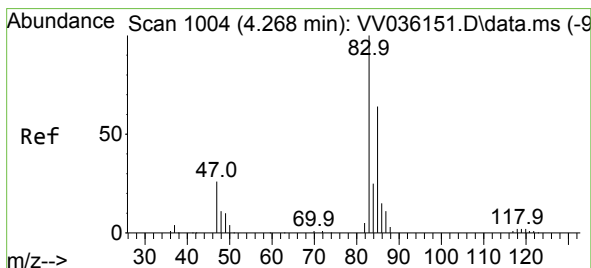
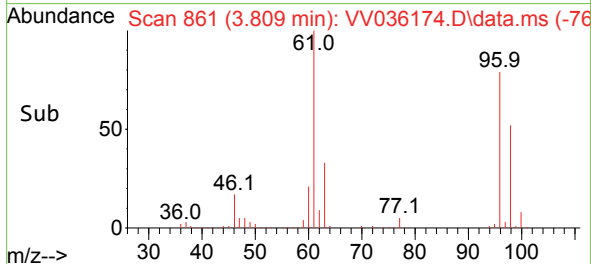
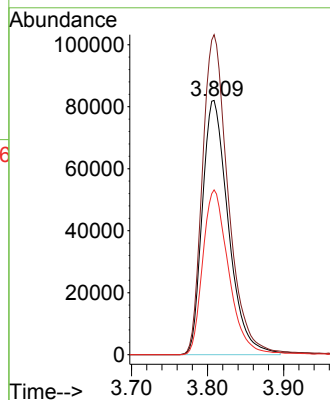
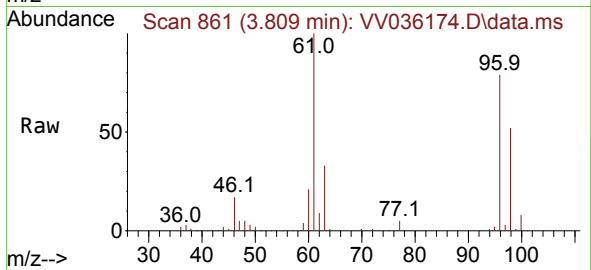




#20
cis-1,2-Dichloroethene
Concen: 27.116 ug/L
RT: 3.809 min Scan# 861
Delta R.T. -0.000 min
Lab File: VV036174.D
Acq: 20 Jun 2024 20:31

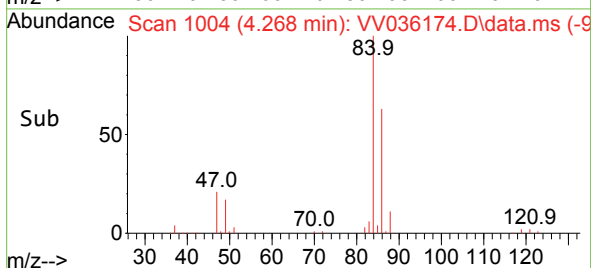
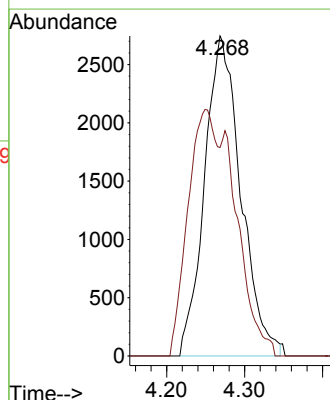
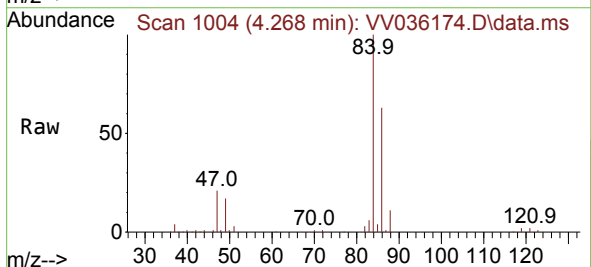
Instrument :
MSVOA_V
ClientSampleId :

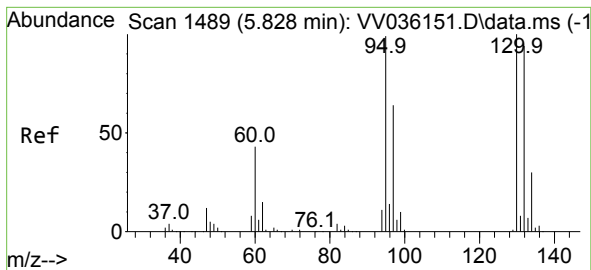
Tgt Ion: 96 Resp: 194925
Ion Ratio Lower Upper
96 100
61 125.9 87.9 163.3
98 64.9 44.4 82.5



#25
Chloroform
Concen: 0.632 ug/L
RT: 4.268 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VV036174.D
Acq: 20 Jun 2024 20:31

Tgt Ion: 83 Resp: 8863
Ion Ratio Lower Upper
83 100
85 65.1 45.2 84.0





#34

Trichloroethene

Concen: 0.781 ug/L

RT: 5.841 min Scan# 1489

Delta R.T. 0.016 min

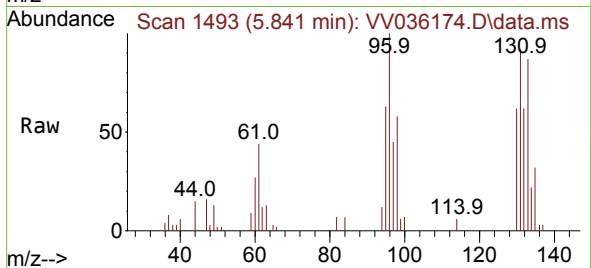
Lab File: VV036174.D

Acq: 20 Jun 2024 20:31

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 6799

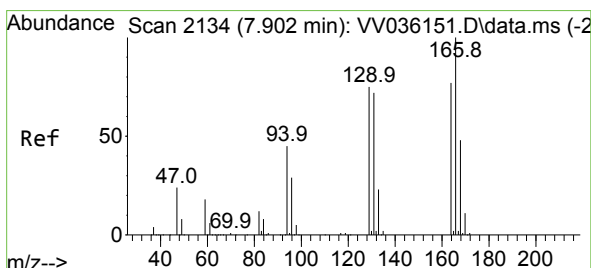
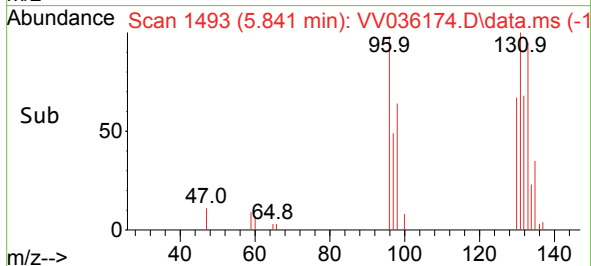
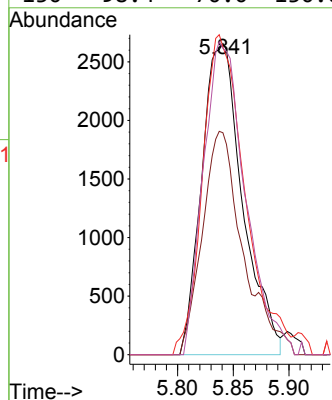
Ion Ratio Lower Upper

95 100

97 71.3 44.8 83.2

132 98.9 66.8 124.2

130 98.4 70.0 130.0



#46

Tetrachloroethene

Concen: 10.383 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. -0.000 min

Lab File: VV036174.D

Acq: 20 Jun 2024 20:31

Tgt Ion: 164 Resp: 66124

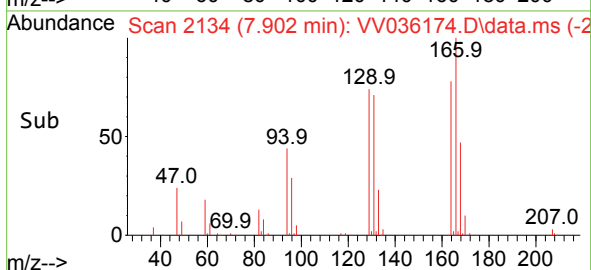
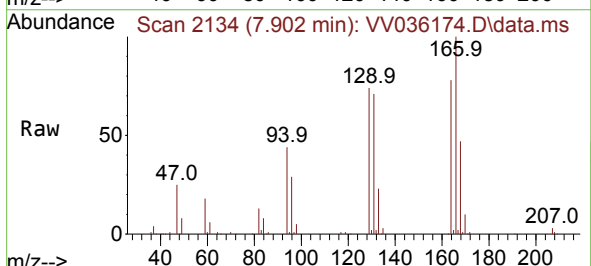
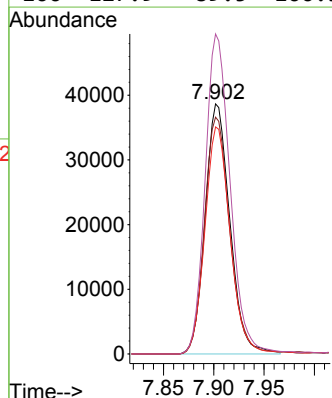
Ion Ratio Lower Upper

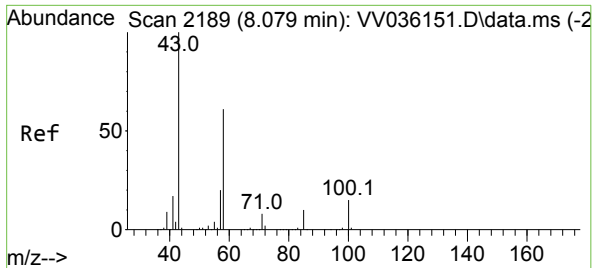
164 100

129 94.7 64.6 120.0

131 90.8 63.2 117.4

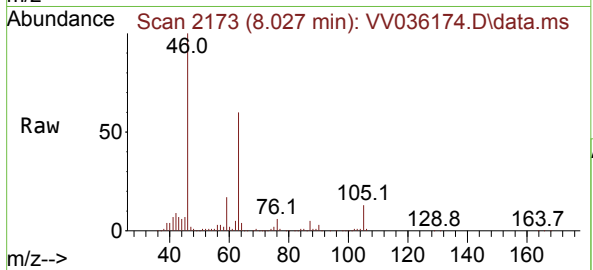
166 127.9 89.5 166.3





#48
 2-Hexanone
 Concen: 2.910 ug/L
 RT: 8.027 min Scan# 21
 Delta R.T. -0.052 min
 Lab File: VV036174.D
 Acq: 20 Jun 2024 20:31

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 43	Resp: 9222
Ion Ratio	Lower Upper
43 100	
58 31.6	45.4 68.0#
57 39.4	15.8 23.8#
100 1.9	9.8 14.8#

