

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037025.D
 Acq On : 26 Aug 2024 14:28
 Operator : SY/MD
 Sample : PB162923ZHE#11
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 02:00:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 01:58:15 2024
 Response via : Initial Calibration

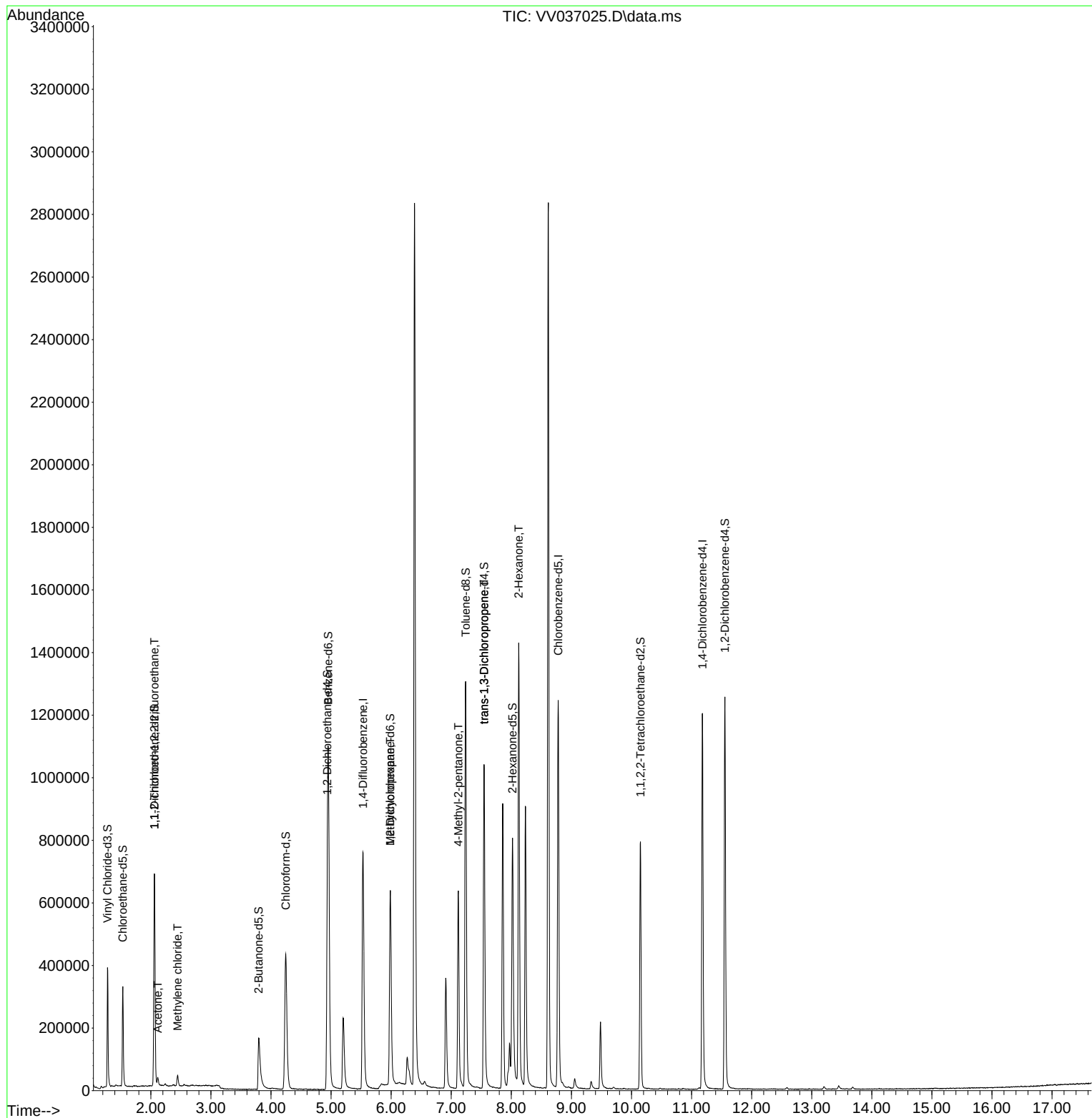
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	660972	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	652092	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	300374	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	257629	42.609	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	85.220%	
7) Chloroethane-d5	1.532	69	214067	45.810	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	91.620%	
11) 1,1-Dichloroethene-d2	2.059	65	114467	45.043	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	90.080%	
21) 2-Butanone-d5	3.796	46	267234	114.133	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	114.130%	
24) Chloroform-d	4.246	84	453023	47.873	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.740%	
26) 1,2-Dichloroethane-d4	4.937	65	300315	50.394	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.780%	
32) Benzene-d6	4.953	84	940291	47.741	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.480%	
36) 1,2-Dichloropropane-d6	5.985	67	308267	49.971	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	99.940%	
41) Toluene-d8	7.239	98	859854	48.373	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	96.740%	
43) trans-1,3-Dichloroprop...	7.548	79	141994	49.752	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	99.500%	
47) 2-Hexanone-d5	8.021	63	207017	122.959	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	122.960%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	387222	51.755	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	103.520%	
66) 1,2-Dichlorobenzene-d4	11.554	152	310898	51.679	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	103.360%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	3656	0.799	ug/L #	26
13) Acetone	2.114	43	26672	10.621	ug/L	97
16) Methylene chloride	2.445	84	13156	2.704	ug/L	98
35) Methylcyclohexane	5.985	83	71790	8.896	ug/L #	19
40) 4-Methyl-2-pentanone	7.117	43	224041	43.680	ug/L #	51
44) trans-1,3-Dichloropropene	7.548	75	9291	1.306	ug/L	92
48) 2-Hexanone	8.124	43	198309	49.992	ug/L #	1

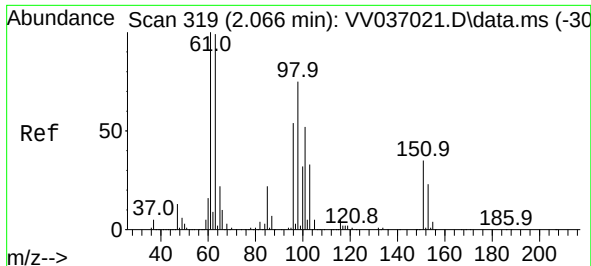
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Aug 27 01:58:15 2024
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.799 ug/L

RT: 2.059 min Scan# 319

Delta R.T. -0.007 min

Lab File: VV037025.D

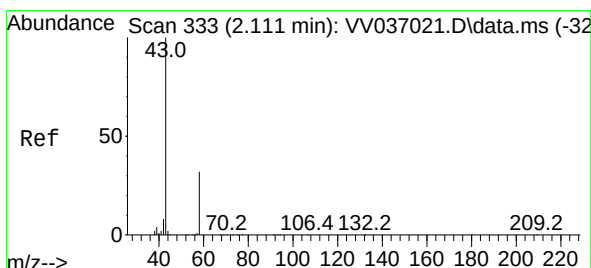
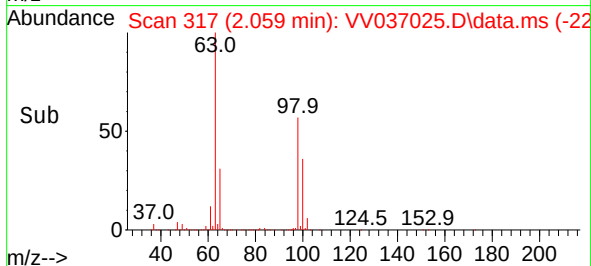
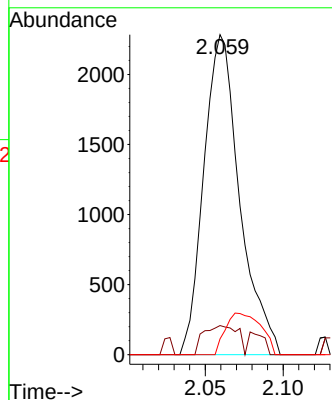
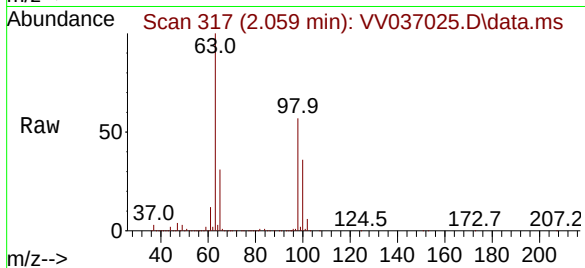
Acq: 26 Aug 2024 14:28

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:101	Resp:	3656
Ion Ratio	Lower	Upper
101	100	
85	7.6	35.6 53.4#
151	0.0	55.0 82.4#



#13

Acetone

Concen: 10.621 ug/L

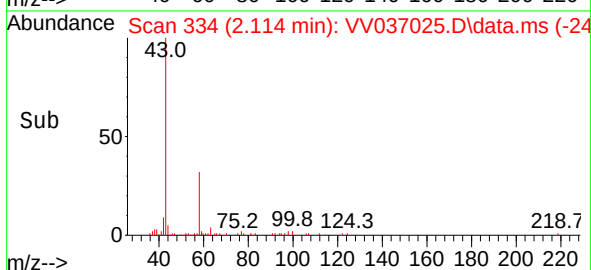
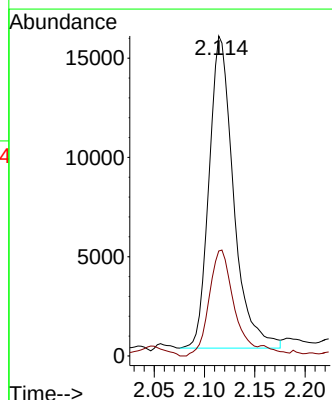
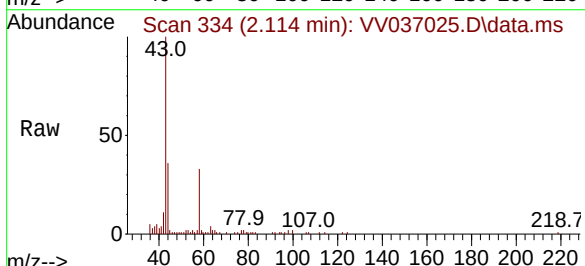
RT: 2.114 min Scan# 334

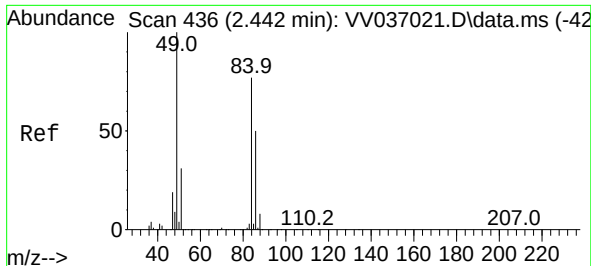
Delta R.T. 0.003 min

Lab File: VV037025.D

Acq: 26 Aug 2024 14:28

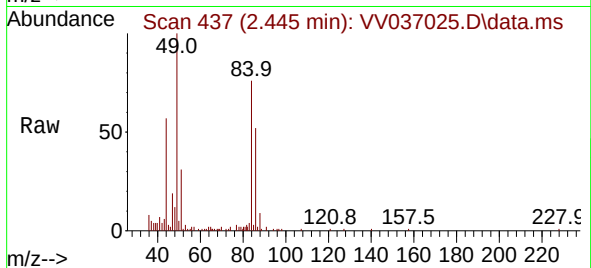
Tgt Ion: 43	Resp:	26672
Ion Ratio	Lower	Upper
43	100	
58	34.1	0.0 64.8



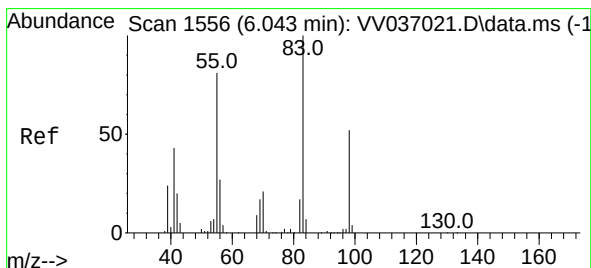
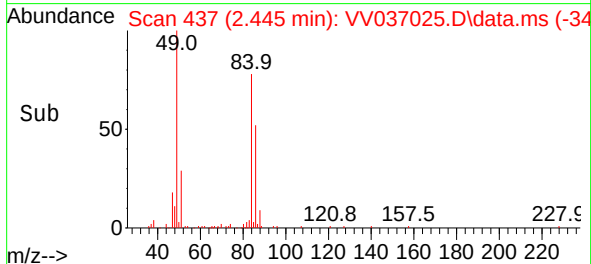
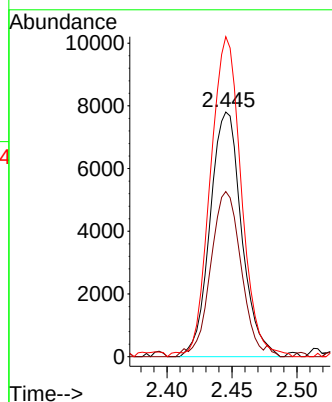


#16
Methylene chloride
Concen: 2.704 ug/L
RT: 2.445 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV037025.D
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Instrument :
MSVOA_V
ClientSampleId :

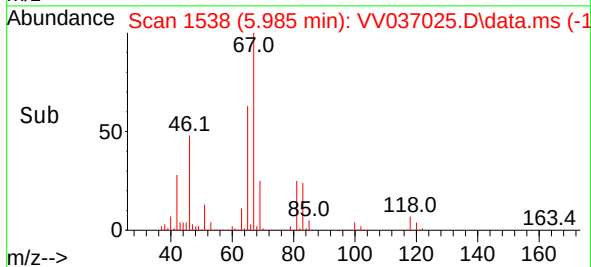
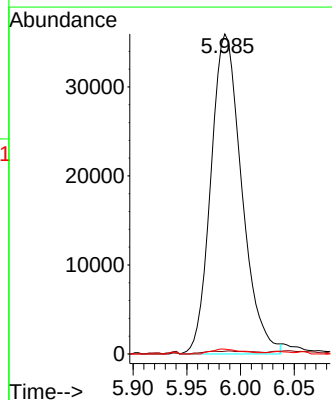
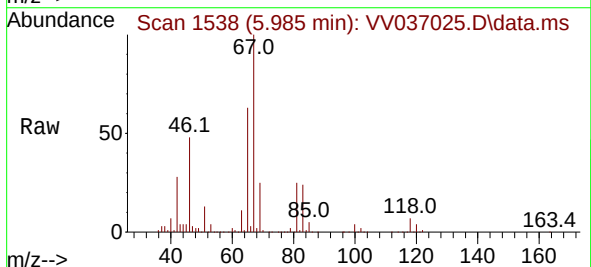


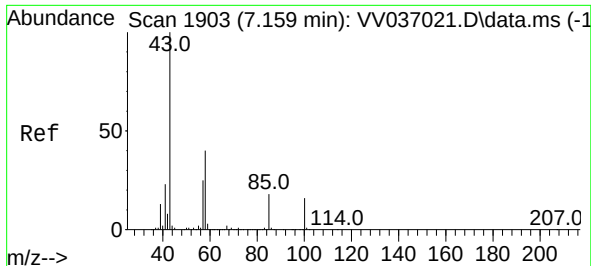
Tgt Ion: 84 Resp: 13156
Ion Ratio Lower Upper
84 100
86 67.5 44.7 82.9
49 130.8 91.4 169.8



#35
Methylcyclohexane
Concen: 8.896 ug/L
RT: 5.985 min Scan# 1538
Delta R.T. -0.058 min
Lab File: VV037025.D
Acq: 26 Aug 2024 14:28

Tgt Ion: 83 Resp: 71790
Ion Ratio Lower Upper
83 100
55 0.1 61.2 91.8#
98 1.2 39.3 58.9#





#40

4-Methyl-2-pentanone

Concen: 43.680 ug/L

RT: 7.117 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV037025.D

Acq: 26 Aug 2024 14:28

Instrument :

MSVOA_V

ClientSampleId :

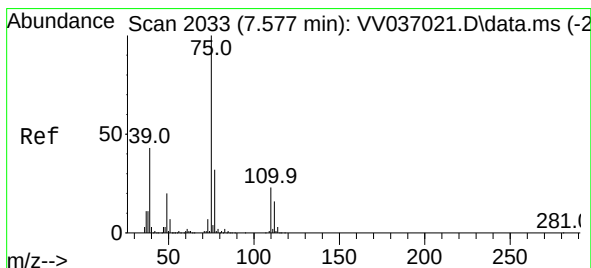
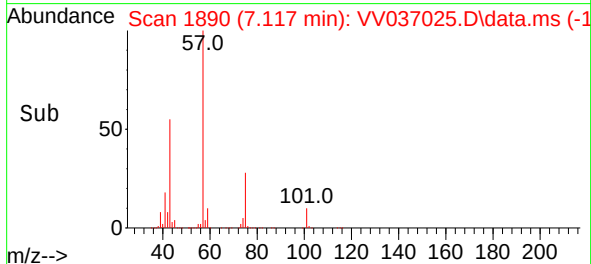
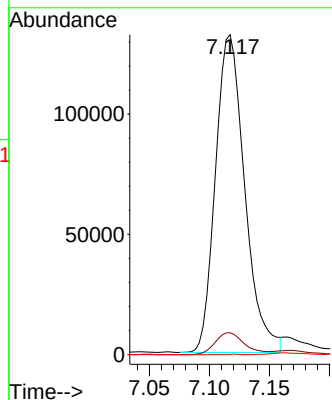
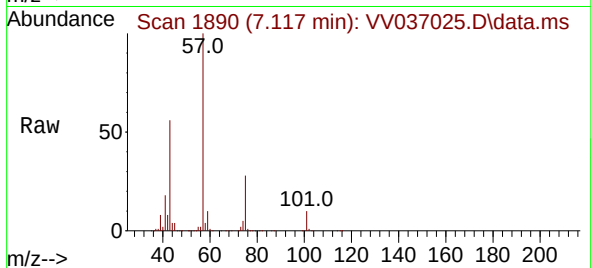
Tgt Ion: 43 Resp: 224041

Ion Ratio Lower Upper

43 100

58 7.0 32.0 48.0#

100 0.0 12.4 18.6#



#44

trans-1,3-Dichloropropene

Concen: 1.306 ug/L

RT: 7.548 min Scan# 2024

Delta R.T. -0.029 min

Lab File: VV037025.D

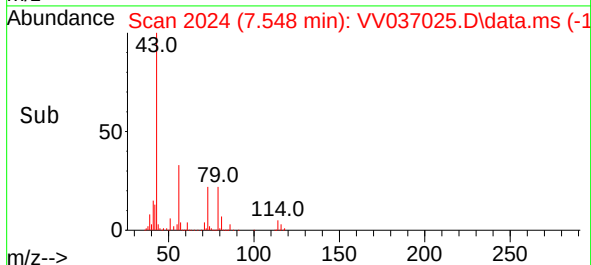
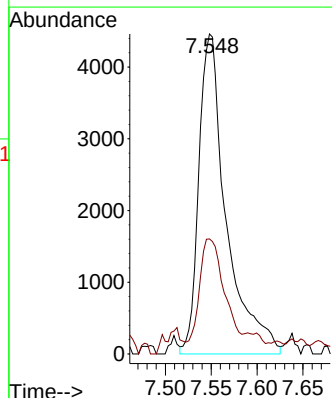
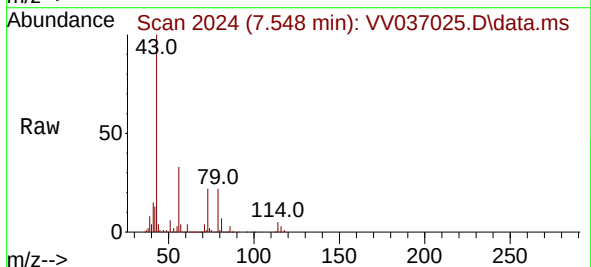
Acq: 26 Aug 2024 14:28

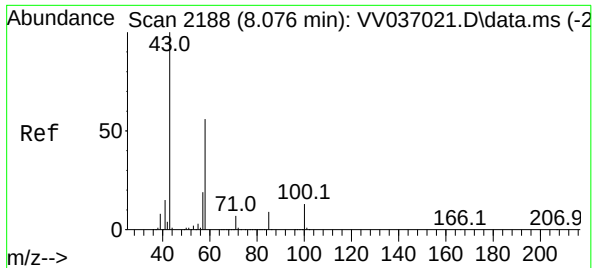
Tgt Ion: 75 Resp: 9291

Ion Ratio Lower Upper

75 100

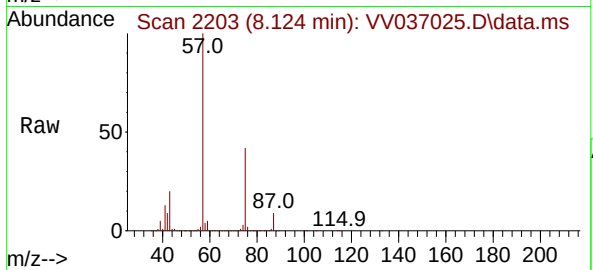
77 35.9 22.0 40.8





#48
 2-Hexanone
 Concen: 49.992 ug/L
 RT: 8.124 min Scan# 21
 Delta R.T. 0.048 min
 Lab File: VV037025.D
 Acq: 26 Aug 2024 14:28

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 43 Resp: 198309

Ion	Ratio	Lower	Upper
43	100		
58	19.8	46.0	69.0#
57	504.4	15.6	23.4#
100	0.1	10.6	16.0#

