

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037618.D
 Acq On : 27 Sep 2024 19:56
 Operator : SY/MD
 Sample : P4184-18DL 5X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 04:18:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 28 00:49:19 2024
 Response via : Initial Calibration

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

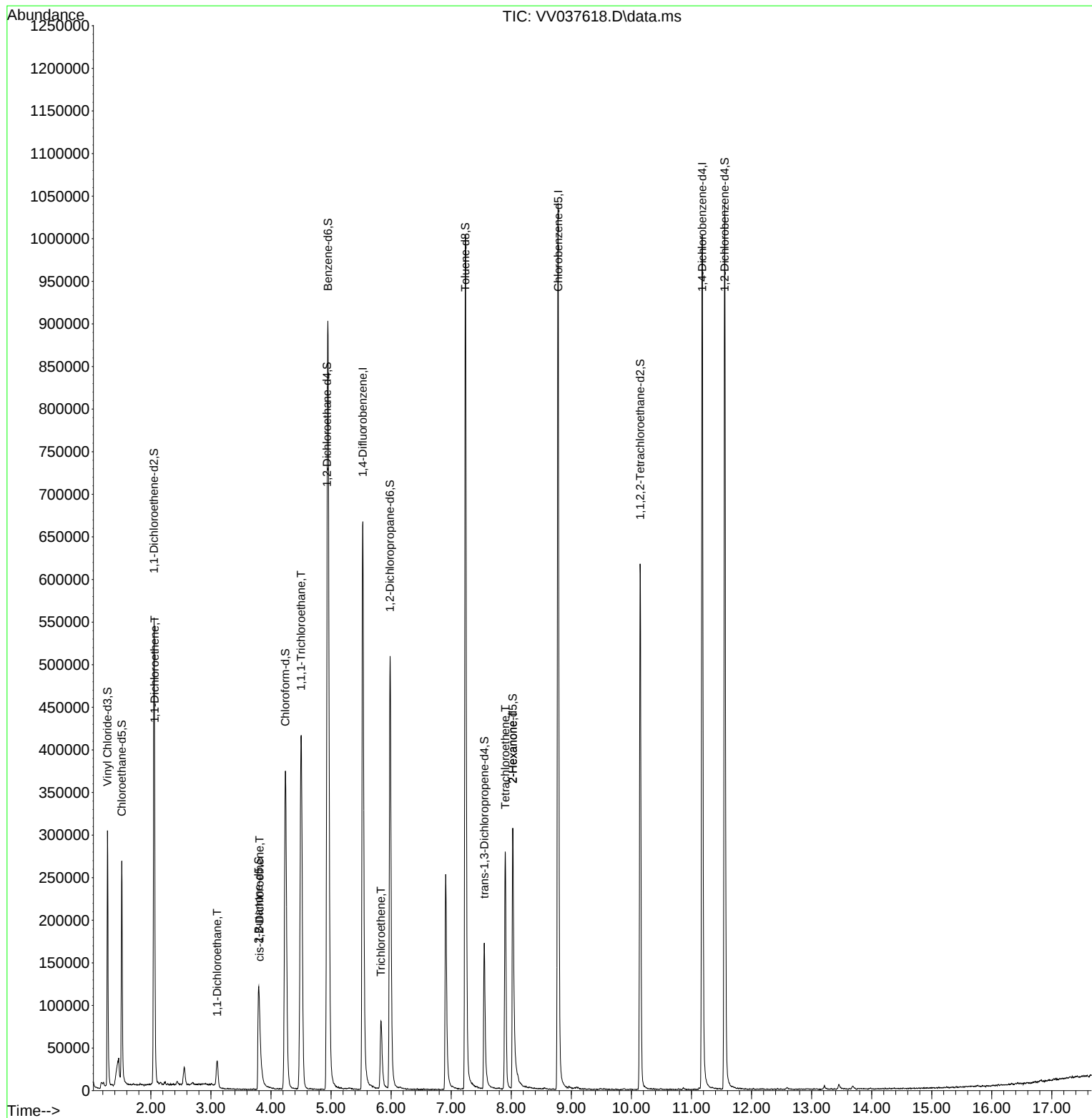
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	605248	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	583213	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	268627	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	206450	38.857	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.720%
7) Chloroethane-d5	1.516	69	172903	41.925	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.860%
11) 1,1-Dichloroethene-d2	2.053	65	92430	41.640	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.280%
21) 2-Butanone-d5	3.793	46	171865	90.817	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.820%
24) Chloroform-d	4.239	84	404397	42.781	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.560%
26) 1,2-Dichloroethane-d4	4.934	65	245324	44.339	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.680%
32) Benzene-d6	4.950	84	793024	43.454	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.900%
36) 1,2-Dichloropropane-d6	5.982	67	256256	44.096	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.200%
41) Toluene-d8	7.236	98	681258	41.167	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.340%
43) trans-1,3-Dichloroprop...	7.551	79	109386	40.520	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.040%
47) 2-Hexanone-d5	8.024	63	106648	86.910	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.910%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	299213	44.313	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.620%
66) 1,2-Dichlorobenzene-d4	11.554	152	267168	47.199	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.063	96	10983	2.726	ug/L #	1
19) 1,1-Dichloroethane	3.101	63	29188	3.574	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	11329	2.375	ug/L	92
30) 1,1,1-Trichloroethane	4.503	97	345823	48.144	ug/L	99
34) Trichloroethene	5.831	95	29012	6.194	ug/L	97
46) Tetrachloroethene	7.902	164	62516	17.456	ug/L	96
48) 2-Hexanone	8.027	43	13565	4.717	ug/L #	80

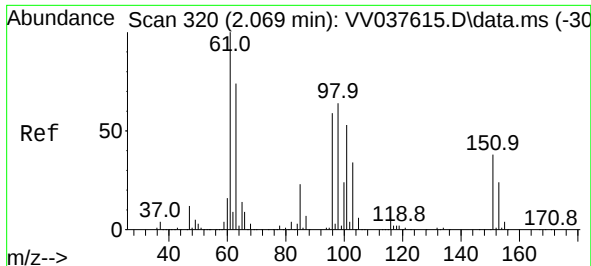
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Sep 28 00:49:19 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 2.726 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.006 min

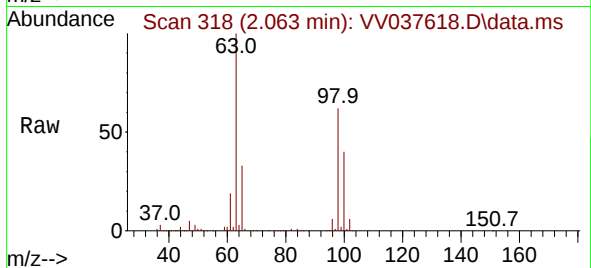
Lab File: VV037618.D

Acq: 27 Sep 2024 19:56

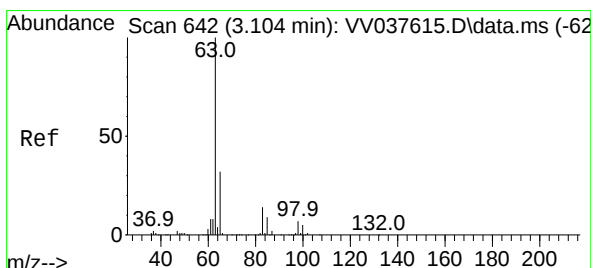
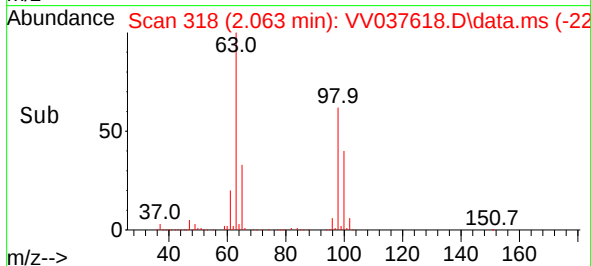
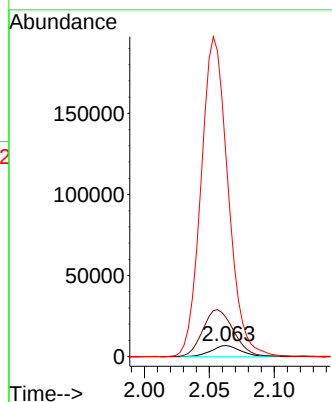
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	96	Resp:	10983
Ion	Ratio	Lower	Upper
96	100		
61	350.9	122.6	227.6#
63	1800.5	118.0	219.2#



#19

1,1-Dichloroethane

Concen: 3.574 ug/L

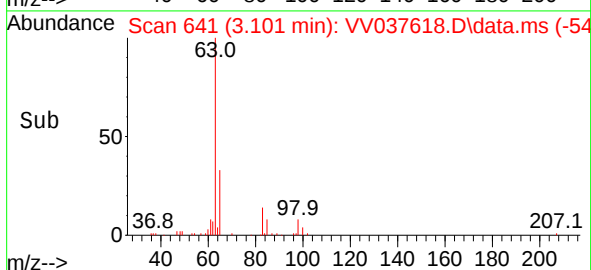
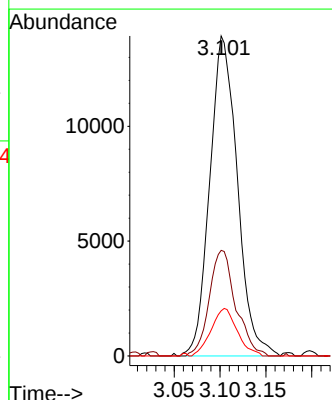
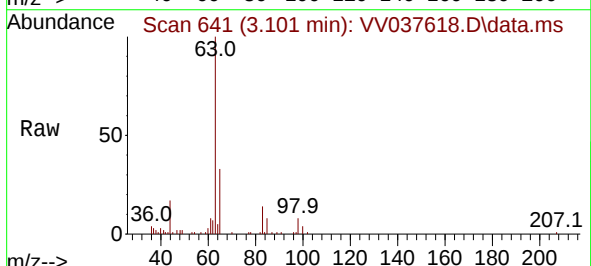
RT: 3.101 min Scan# 641

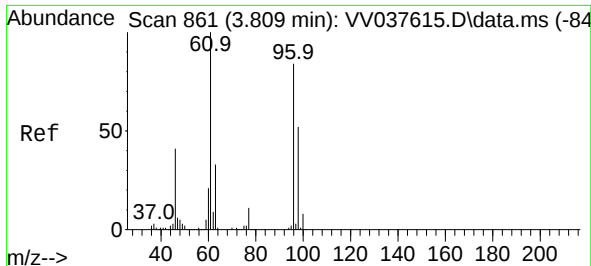
Delta R.T. -0.003 min

Lab File: VV037618.D

Acq: 27 Sep 2024 19:56

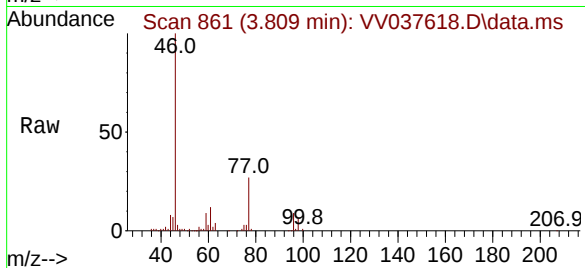
Tgt Ion:	63	Resp:	29188
Ion	Ratio	Lower	Upper
63	100		
65	33.0	22.4	41.6
83	14.1	9.5	17.7





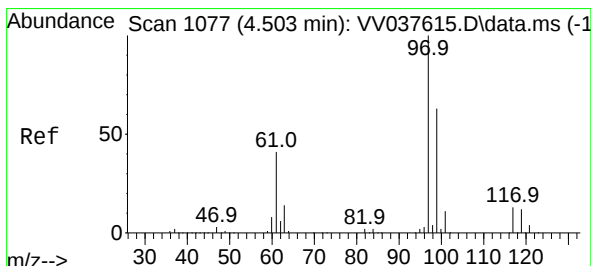
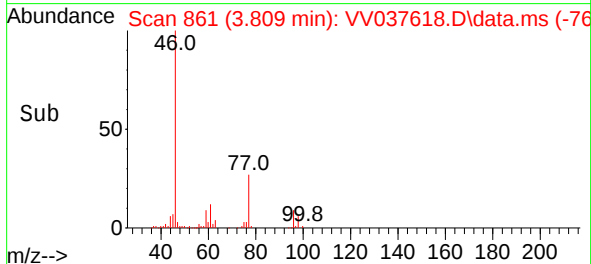
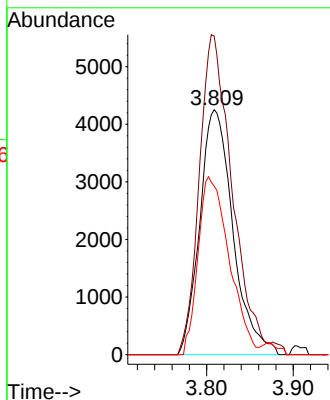
#20
 cis-1,2-Dichloroethene
 Concen: 2.375 ug/L
 RT: 3.809 min Scan# 861
 Delta R.T. -0.000 min
 Lab File: VV037618.D
 Acq: 27 Sep 2024 19:56

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 11329

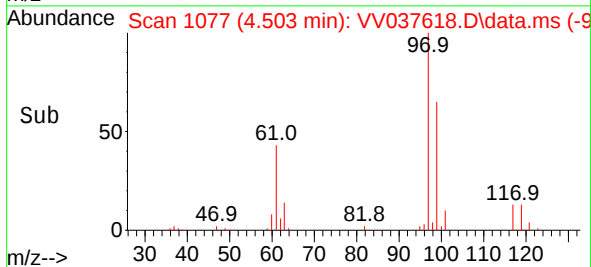
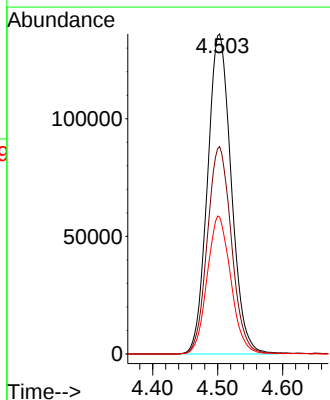
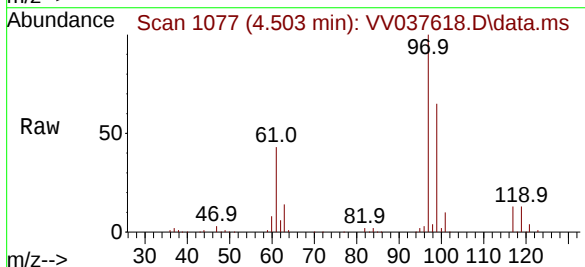
Ion	Ratio	Lower	Upper
96	100		
61	130.1	85.0	157.8
98	68.9	44.2	82.0

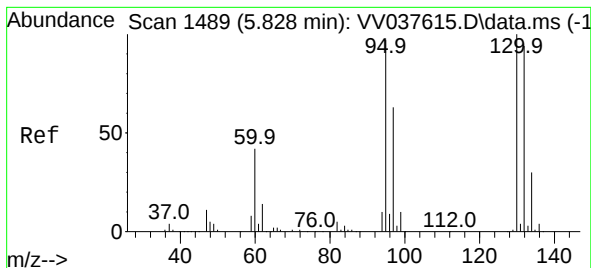


#30
 1,1,1-Trichloroethane
 Concen: 48.144 ug/L
 RT: 4.503 min Scan# 1077
 Delta R.T. -0.000 min
 Lab File: VV037618.D
 Acq: 27 Sep 2024 19:56

Tgt Ion: 97 Resp: 345823

Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.8	77.6
61	43.0	33.6	50.4





#34

Trichloroethene

Concen: 6.194 ug/L

RT: 5.831 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV037618.D

Acq: 27 Sep 2024 19:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 29012

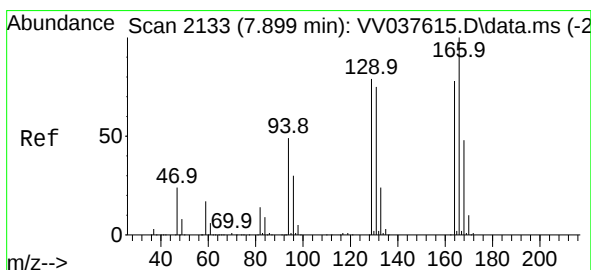
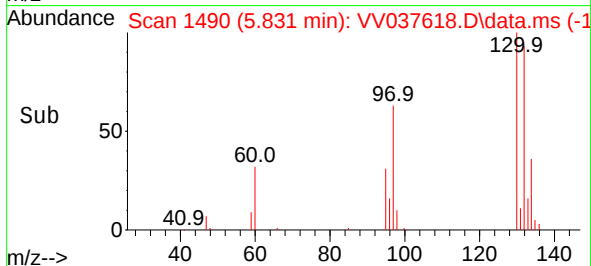
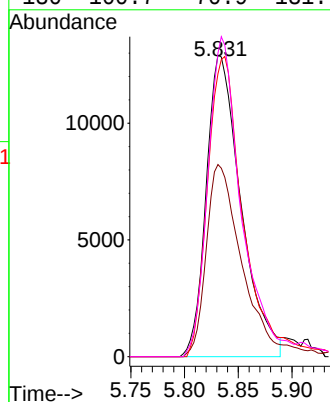
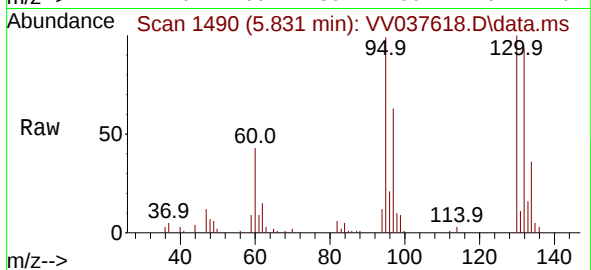
Ion Ratio Lower Upper

95 100

97 63.8 46.3 85.9

132 93.9 68.6 127.4

130 100.7 70.9 131.7



#46

Tetrachloroethene

Concen: 17.456 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.003 min

Lab File: VV037618.D

Acq: 27 Sep 2024 19:56

Tgt Ion:164 Resp: 62516

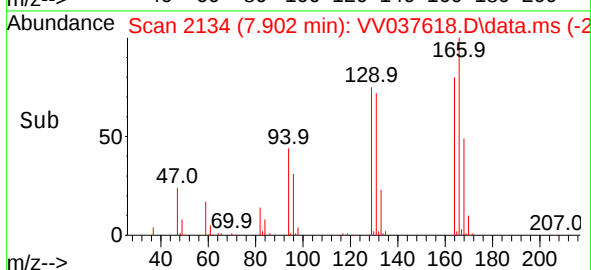
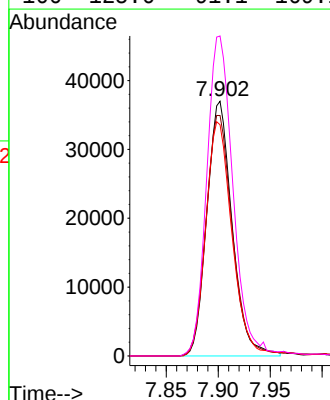
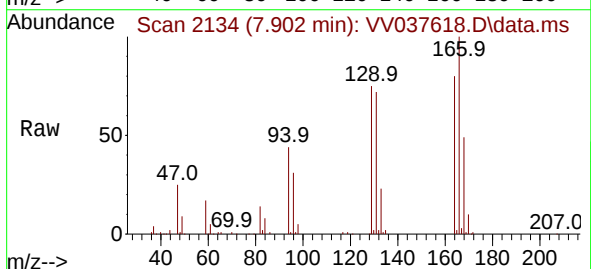
Ion Ratio Lower Upper

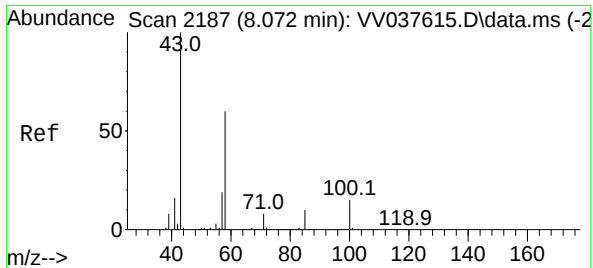
164 100

129 94.4 68.2 126.6

131 90.8 66.1 122.8

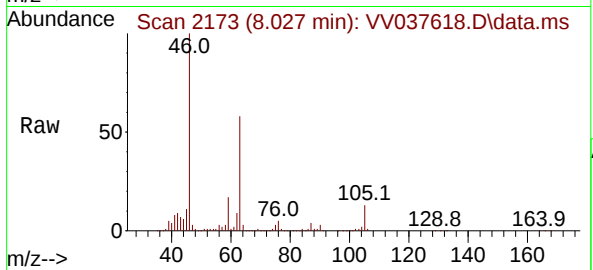
166 125.6 91.1 169.1





#48
 2-Hexanone
 Concen: 4.717 ug/L
 RT: 8.027 min Scan# 21
 Delta R.T. -0.045 min
 Lab File: VV037618.D
 Acq: 27 Sep 2024 19:56

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 43 Resp: 13565

Ion	Ratio	Lower	Upper
43	100		
58	46.4	46.5	69.7#
57	31.6	15.1	22.7#
100	2.2	10.7	16.1#

