

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061424\
 Data File : VV036085.D
 Acq On : 14 Jun 2024 11:33
 Operator : SY/MD
 Sample : P2850-13
 Misc : 5.51g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 15 01:31:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 15 01:30:52 2024
 Response via : Initial Calibration

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

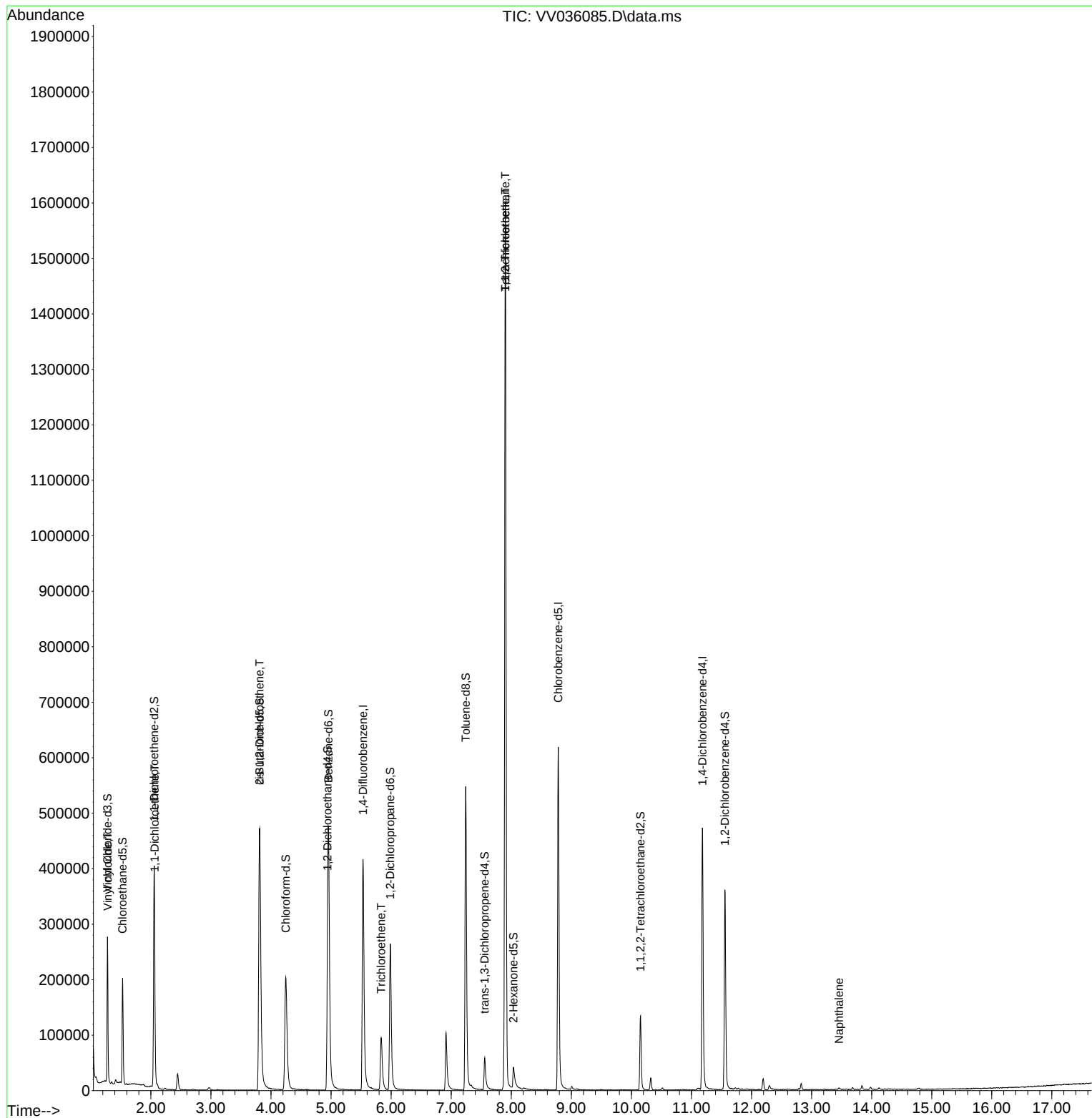
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	369420	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	354070	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	130808	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	165777	24.408	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.640%
7) Chloroethane-d5	1.529	69	128297	23.691	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.760%
11) 1,1-Dichloroethene-d2	2.056	65	69709	23.055	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.240%
21) 2-Butanone-d5	3.809	46	18551	11.905	ug/L	-0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	23.800%
24) Chloroform-d	4.246	84	227185	19.344	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.360%
26) 1,2-Dichloroethane-d4	4.940	65	93039	15.109	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	60.440%#
32) Benzene-d6	4.957	84	464274	22.059	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.240%
36) 1,2-Dichloropropane-d6	5.985	67	135690	20.473	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.880%
41) Toluene-d8	7.243	98	390297	21.017	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.080%
43) trans-1,3-Dichloroprop...	7.558	79	38483	14.161	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	56.640%
47) 2-Hexanone-d5	8.037	63	14742	16.417	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	32.840%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	69385	14.009	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	56.040%
66) 1,2-Dichlorobenzene-d4	11.558	152	97346	20.294	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.160%
Target Compounds						Qvalue
5) Vinyl chloride	1.281	62	5894	0.732	ug/L #	52
12) 1,1-Dichloroethene	2.063	96	4429	0.749	ug/L #	1
20) cis-1,2-Dichloroethene	3.809	96	270943	42.909	ug/L	99
34) Trichloroethene	5.834	95	35944	5.064	ug/L	97
45) 1,1,2-Trichloroethane	7.902	97	3513	0.698	ug/L #	1
46) Tetrachloroethene	7.902	164	355827	68.550	ug/L	99
71) Naphthalene	13.458	128	2871	0.339	ug/L #	89

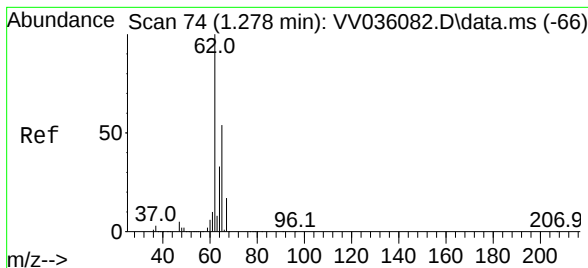
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 15 01:30:52 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.732 ug/L

RT: 1.281 min Scan# 74

Delta R.T. 0.003 min

Lab File: VV036085.D

Acq: 14 Jun 2024 11:33

Instrument :

MSVOA_V

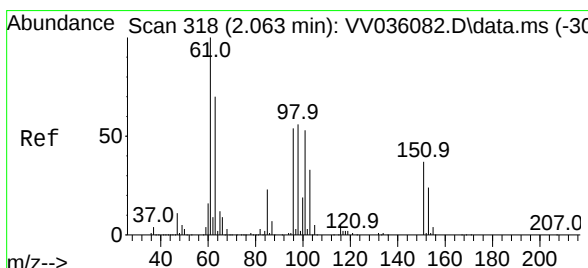
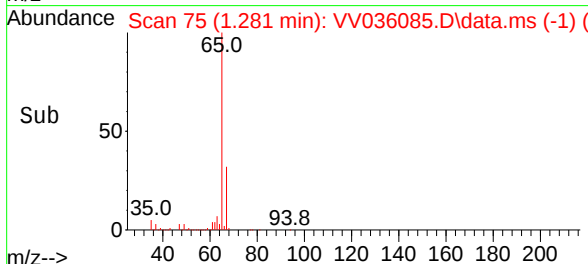
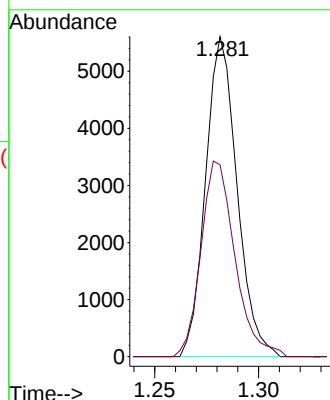
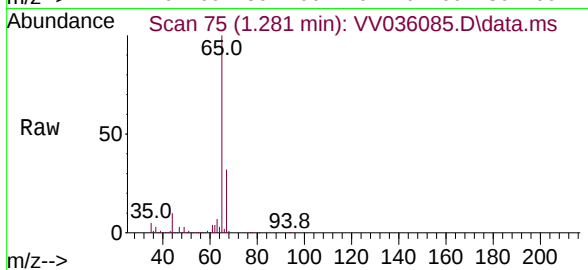
ClientSampleId :

Tgt Ion: 62 Resp: 5894

Ion Ratio Lower Upper

62 100

64 60.0 22.9 42.5#



#12

1,1-Dichloroethene

Concen: 0.749 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.000 min

Lab File: VV036085.D

Acq: 14 Jun 2024 11:33

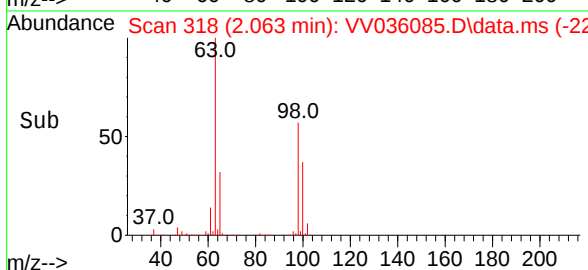
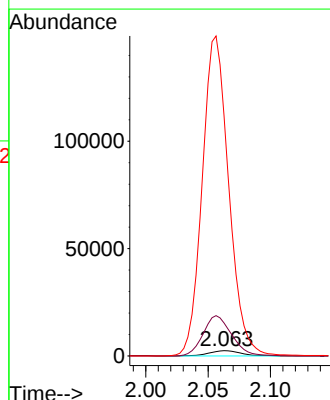
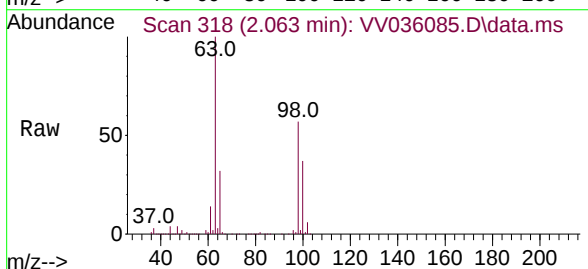
Tgt Ion: 96 Resp: 4429

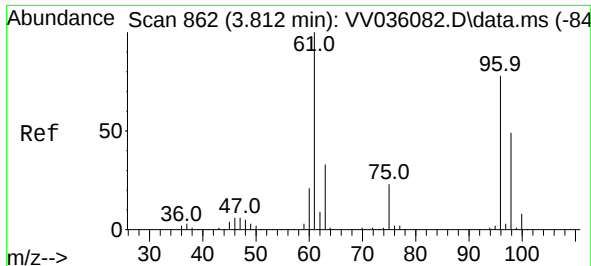
Ion Ratio Lower Upper

96 100

61 629.4 127.3 236.3#

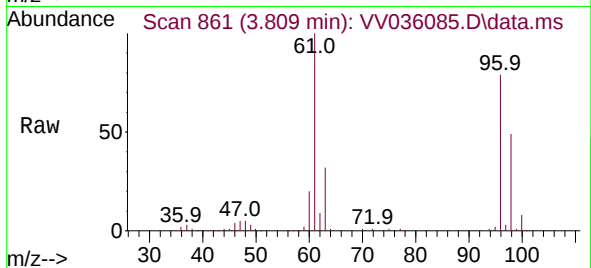
63 4591.2 93.7 173.9#





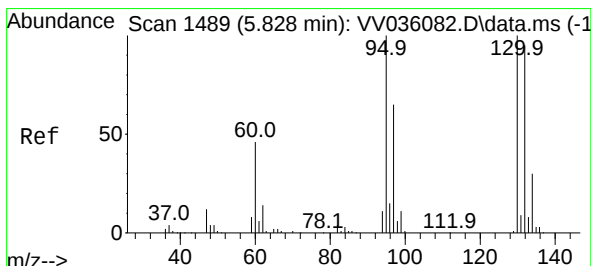
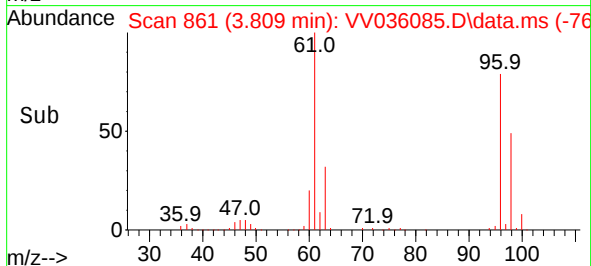
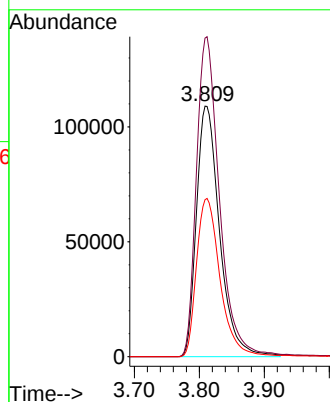
#20
cis-1,2-Dichloroethene
Concen: 42.909 ug/L
RT: 3.809 min Scan# 861
Delta R.T. -0.003 min
Lab File: VV036085.D
Acq: 14 Jun 2024 11:33

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 270943

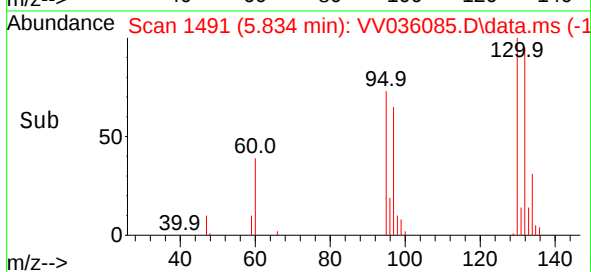
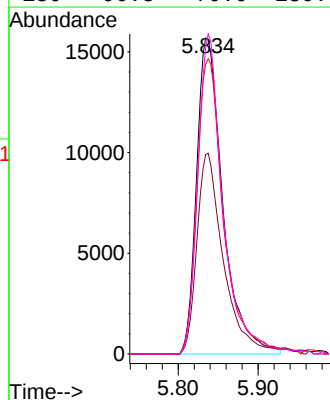
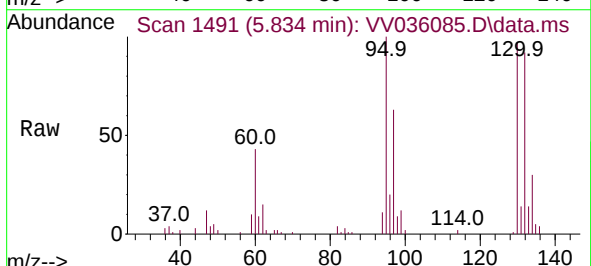
Ion	Ratio	Lower	Upper
96	100		
61	127.1	87.9	163.3
98	62.7	44.4	82.5

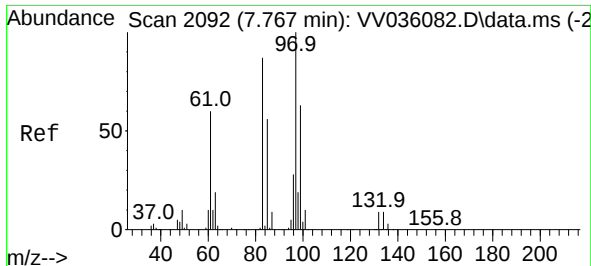


#34
Trichloroethene
Concen: 5.064 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VV036085.D
Acq: 14 Jun 2024 11:33

Tgt Ion: 95 Resp: 35944

Ion	Ratio	Lower	Upper
95	100		
97	63.1	44.8	83.2
132	91.7	66.8	124.2
130	96.8	70.0	130.0





#45

1,1,2-Trichloroethane

Concen: 0.698 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.135 min

Lab File: VV036085.D

Acq: 14 Jun 2024 11:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 3513

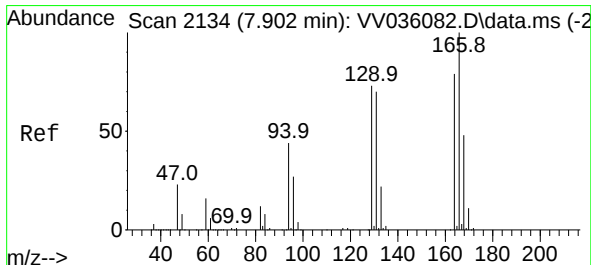
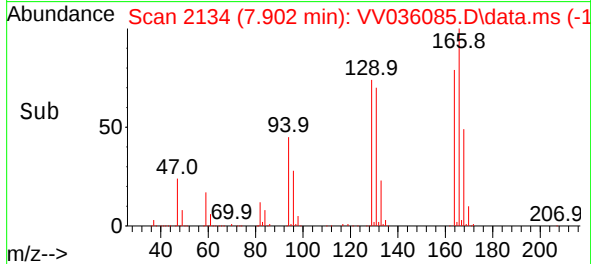
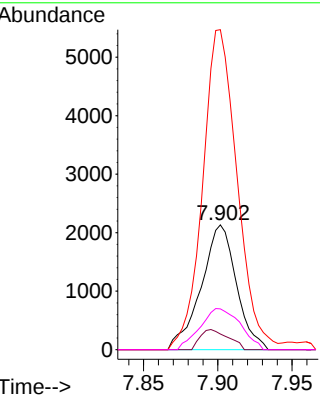
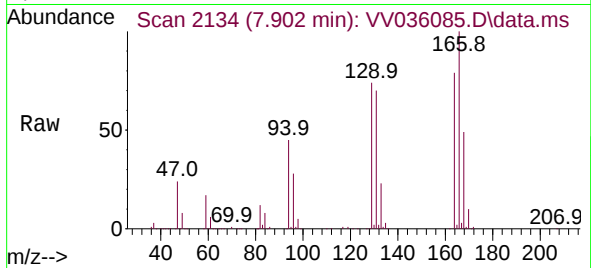
Ion Ratio Lower Upper

97 100

99 12.5 43.3 80.5#

83 256.4 60.1 111.7#

85 32.7 38.9 72.3#



#46

Tetrachloroethene

Concen: 68.550 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. -0.000 min

Lab File: VV036085.D

Acq: 14 Jun 2024 11:33

Tgt Ion:164 Resp: 355827

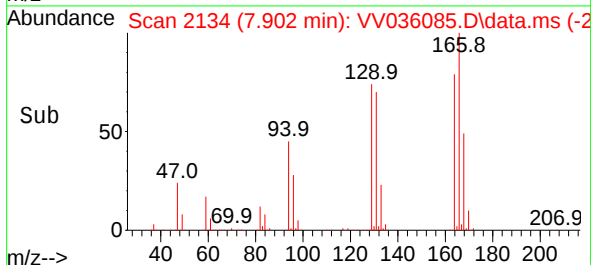
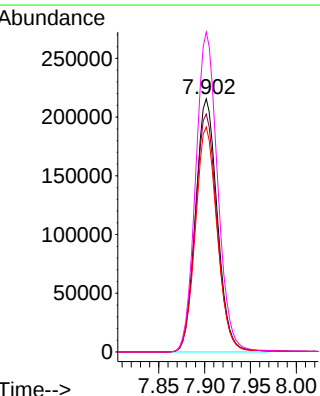
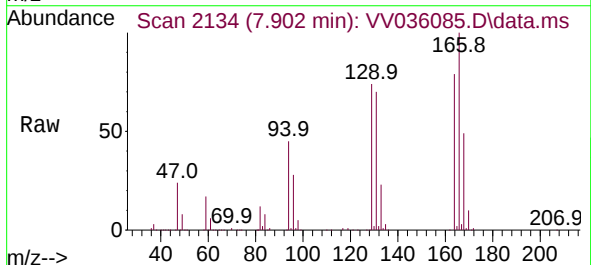
Ion Ratio Lower Upper

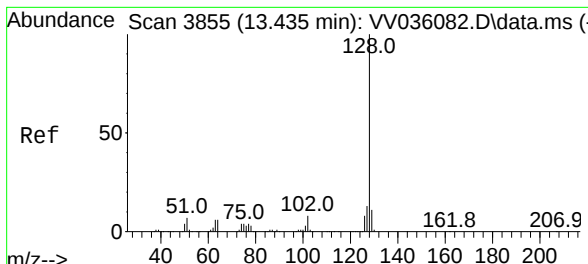
164 100

129 94.0 64.6 120.0

131 88.9 63.2 117.4

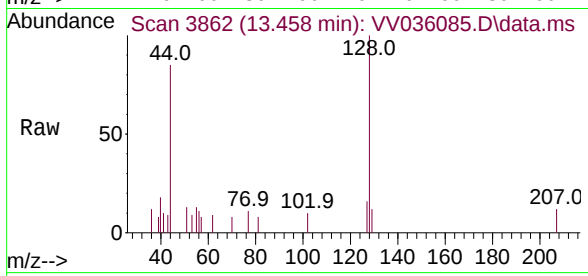
166 126.4 89.5 166.3





#71
 Naphthalene
 Concen: 0.339 ug/L
 RT: 13.458 min Scan# 3862
 Delta R.T. 0.022 min
 Lab File: VV036085.D
 Acq: 14 Jun 2024 11:33

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:128 Resp: 2871

Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.6	16.0
129	3.6	8.8	13.2#

