

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041024\
 Data File : VV035114.D
 Acq On : 10 Apr 2024 17:16
 Operator : SY/MD
 Sample : P2054-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 11 06:59:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

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

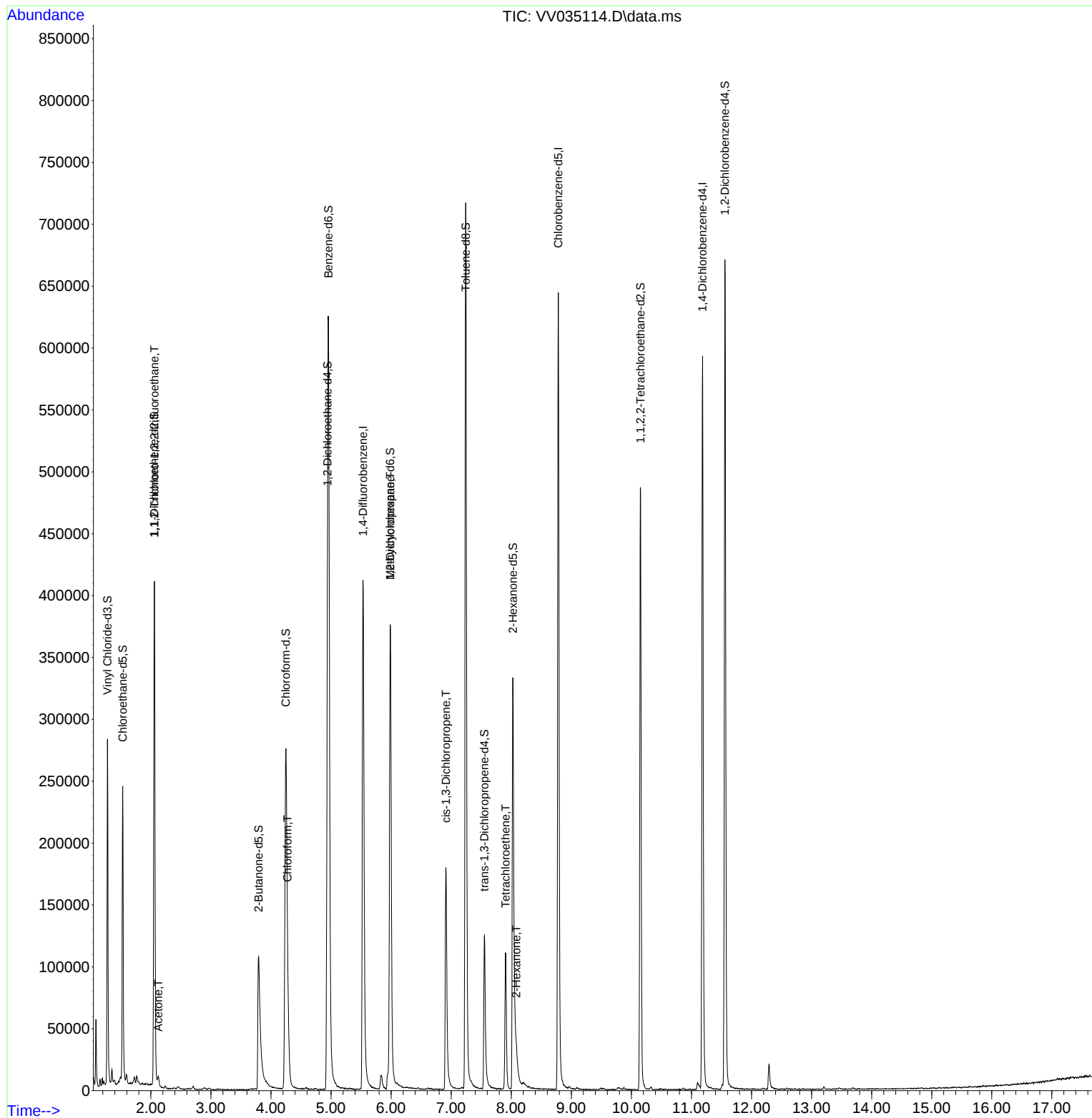
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	359965	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	349909	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	151197	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	164880	47.429	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.860%
7) Chloroethane-d5	1.532	69	149066	49.368	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.740%
11) 1,1-Dichloroethene-d2	2.056	65	70503	46.266	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.540%
21) 2-Butanone-d5	3.793	46	190604	92.447	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.450%
24) Chloroform-d	4.246	84	277651	47.503	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	4.940	65	182229	49.106	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.220%
32) Benzene-d6	4.957	84	561427	47.766	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.540%
36) 1,2-Dichloropropane-d6	5.985	67	187051	50.116	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.240%
41) Toluene-d8	7.243	98	486653	45.975	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.960%
43) trans-1,3-Dichloroprop...	7.555	79	77451	42.685	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.380%
47) 2-Hexanone-d5	8.027	63	112822	79.951	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.950%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	240755	46.842	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.680%
66) 1,2-Dichlorobenzene-d4	11.558	152	170021	50.084	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.160%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	2075	0.735	ug/L #	33
13) Acetone	2.124	43	8698	4.595	ug/L	98
25) Chloroform	4.275	83	63402	11.973	ug/L	99
35) Methylcyclohexane	5.985	83	42766	9.196	ug/L #	20
39) cis-1,3-Dichloropropene	6.911	75	4763	0.959	ug/L #	75
46) Tetrachloroethene	7.905	164	24652	11.459	ug/L	98
48) 2-Hexanone	8.085	43	18577	5.425	ug/L #	87

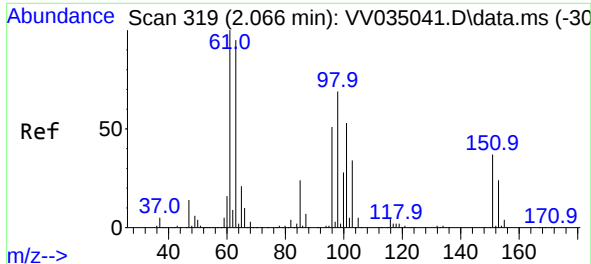
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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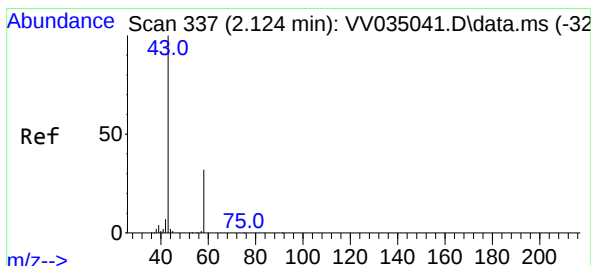
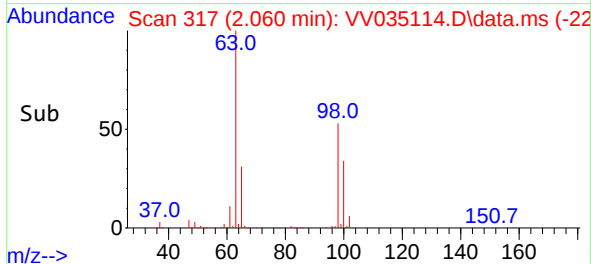
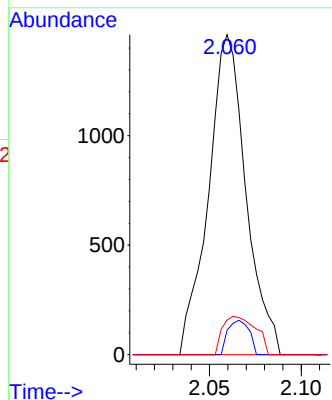
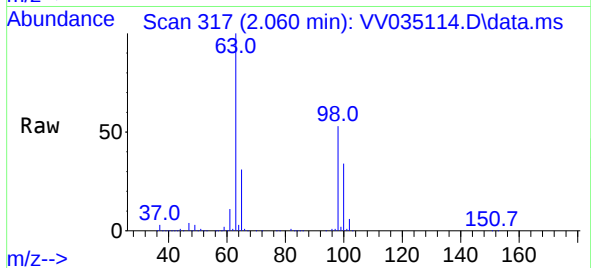




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.735 ug/L
RT: 2.060 min Scan# 319
Delta R.T. -0.006 min
Lab File: VV035114.D
Acq: 10 Apr 2024 17:16

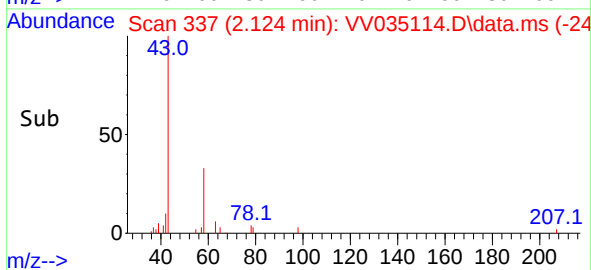
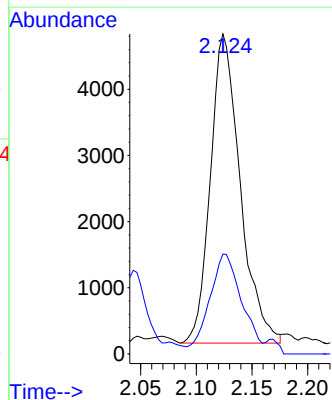
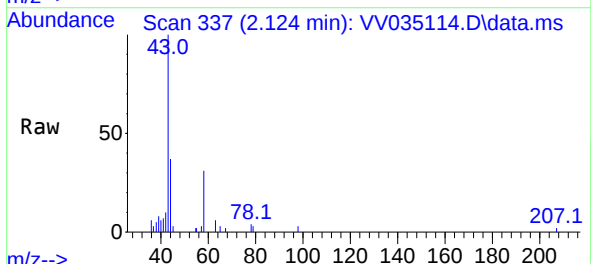
Instrument :
MSVOA_V
ClientSampleId :

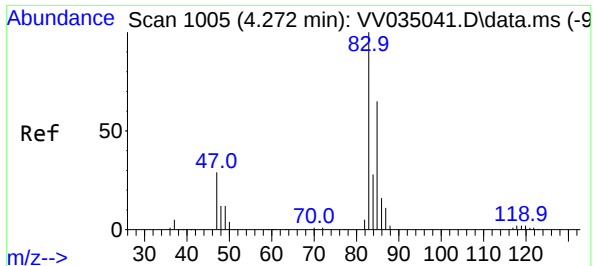
Tgt Ion:101 Resp: 2075
Ion Ratio Lower Upper
101 100
85 6.1 35.3 52.9#
151 10.6 55.0 82.4#



#13
Acetone
Concen: 4.595 ug/L
RT: 2.124 min Scan# 337
Delta R.T. 0.006 min
Lab File: VV035114.D
Acq: 10 Apr 2024 17:16

Tgt Ion: 43 Resp: 8698
Ion Ratio Lower Upper
43 100
58 32.0 0.0 66.0

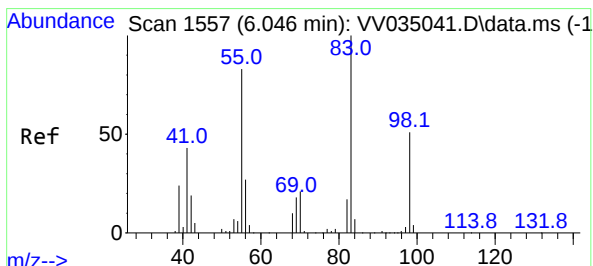
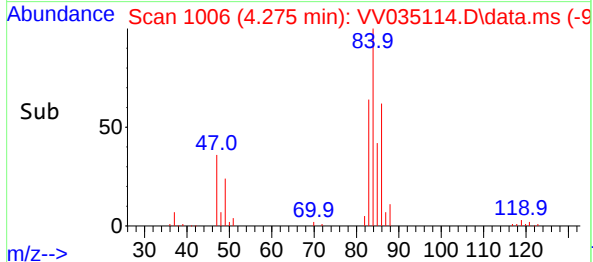
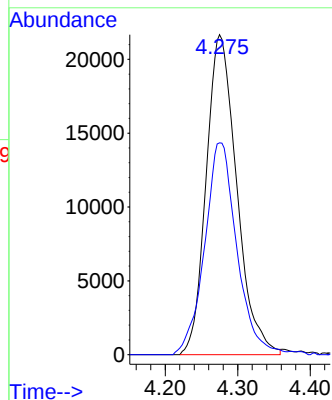
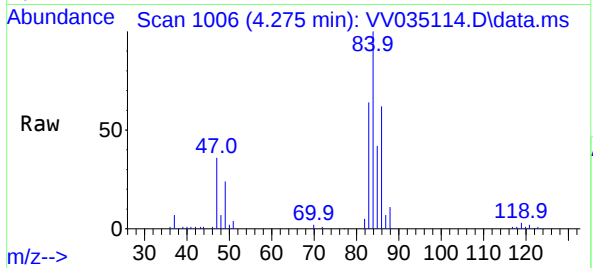




#25
Chloroform
Concen: 11.973 ug/L
RT: 4.275 min Scan# 10
Delta R.T. 0.003 min
Lab File: VV035114.D
Acq: 10 Apr 2024 17:16

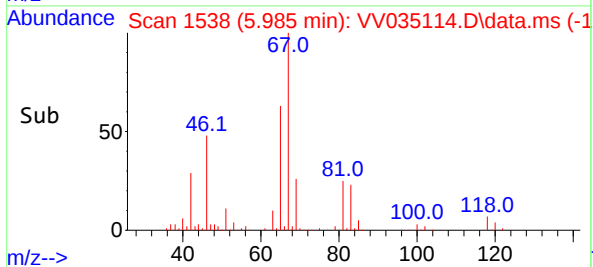
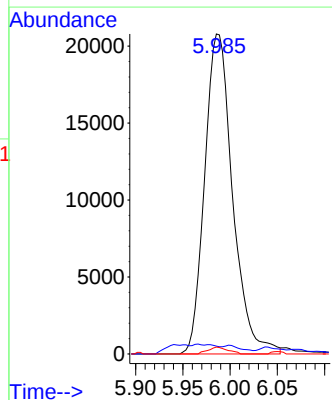
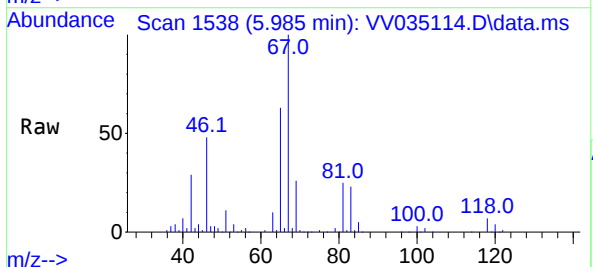
Instrument :
MSVOA_V
ClientSampleId :

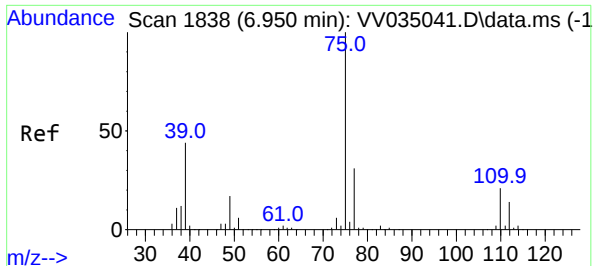
Tgt Ion: 83 Resp: 63402
Ion Ratio Lower Upper
83 100
85 66.2 46.0 85.4



#35
Methylcyclohexane
Concen: 9.196 ug/L
RT: 5.985 min Scan# 1538
Delta R.T. -0.061 min
Lab File: VV035114.D
Acq: 10 Apr 2024 17:16

Tgt Ion: 83 Resp: 42766
Ion Ratio Lower Upper
83 100
55 0.7 60.0 90.0#
98 1.5 37.6 56.4#





#39

cis-1,3-Dichloropropene

Concen: 0.959 ug/L

RT: 6.911 min Scan# 1826

Delta R.T. -0.039 min

Lab File: VV035114.D

Acq: 10 Apr 2024 17:16

Instrument :

MSVOA_V

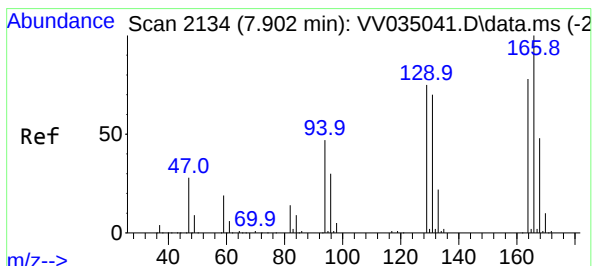
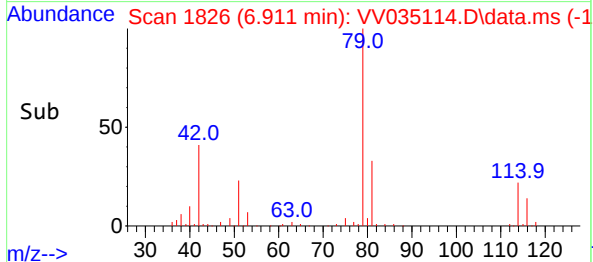
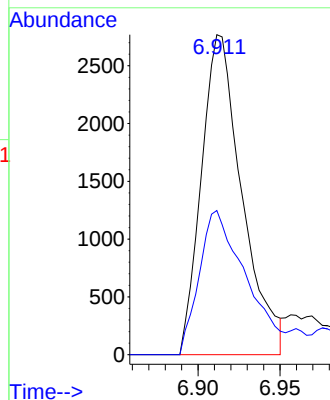
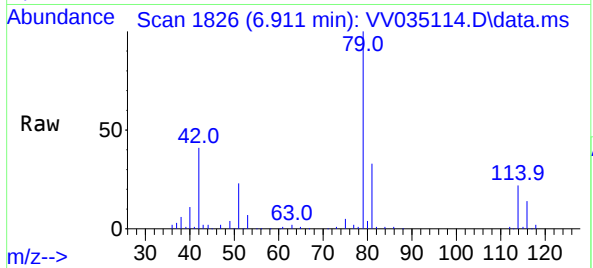
ClientSampleId :

Tgt Ion: 75 Resp: 4763

Ion Ratio Lower Upper

75 100

77 45.1 21.9 40.7#



#46

Tetrachloroethene

Concen: 11.459 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.003 min

Lab File: VV035114.D

Acq: 10 Apr 2024 17:16

Tgt Ion:164 Resp: 24652

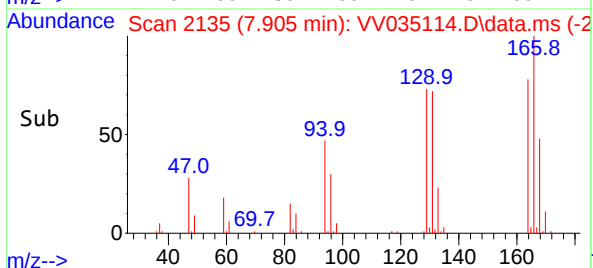
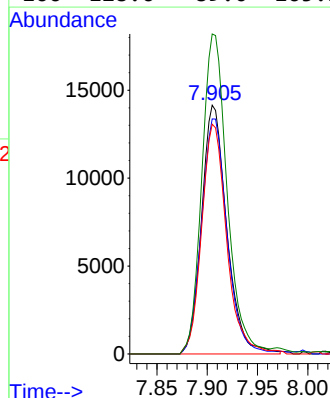
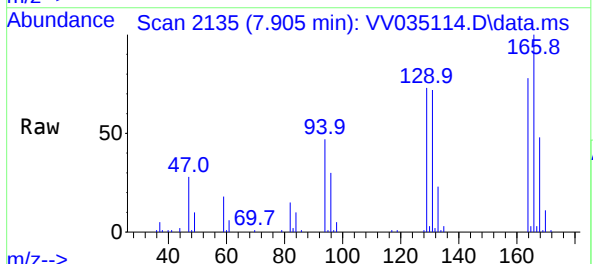
Ion Ratio Lower Upper

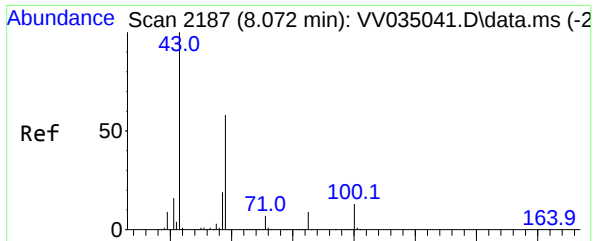
164 100

129 94.4 68.6 127.4

131 92.4 65.7 122.1

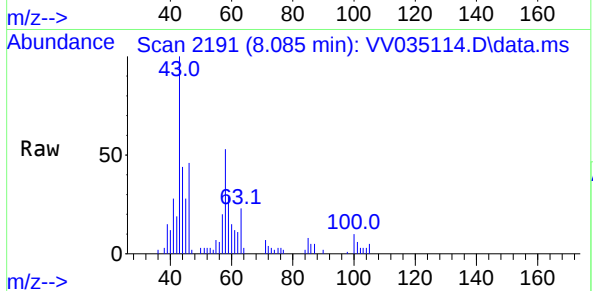
166 128.6 89.0 165.2





#48
2-Hexanone
Concen: 5.425 ug/L
RT: 8.085 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV035114.D
Acq: 10 Apr 2024 17:16

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 18577

Ion	Ratio	Lower	Upper
43	100		
58	54.4	45.4	68.2
57	0.7	16.2	24.4#
100	9.5	10.1	15.1#

