

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
 Data File : VV036052.D
 Acq On : 13 Jun 2024 11:05
 Operator : SY/MD
 Sample : P2850-09
 Misc : 5.31g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 14 01:16:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 14 01:10:24 2024
 Response via : Initial Calibration

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

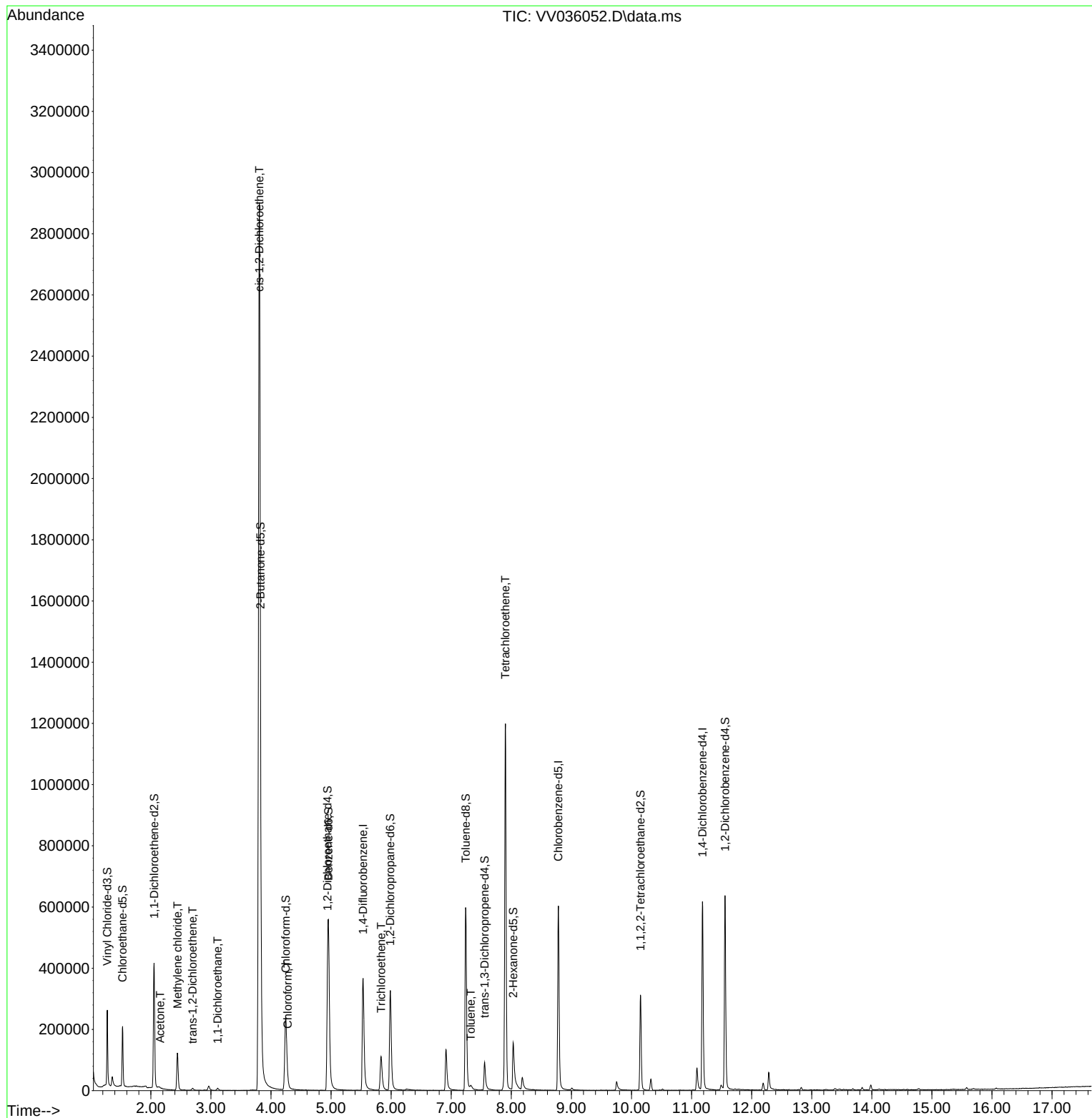
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	326462	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	345138	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	163262	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	163356	27.217	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.880%
7) Chloroethane-d5	1.529	69	128428	26.835	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.360%
11) 1,1-Dichloroethene-d2	2.053	65	69183	25.892	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.560%
21) 2-Butanone-d5	3.825	46	35266	25.609	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.220%
24) Chloroform-d	4.246	84	261896	25.233	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.920%
26) 1,2-Dichloroethane-d4	4.941	65	149281	27.433	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.720%
32) Benzene-d6	4.957	84	512153	24.964	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.840%
36) 1,2-Dichloropropane-d6	5.986	67	169191	26.188	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.760%
41) Toluene-d8	7.240	98	415300	22.942	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.760%
43) trans-1,3-Dichloroprop...	7.555	79	60125	22.697	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.800%
47) 2-Hexanone-d5	8.030	63	63080	72.064	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.120%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	158705	32.873	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	131.480%#
66) 1,2-Dichlorobenzene-d4	11.558	152	163117	27.245	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.000%
Target Compounds						Qvalue
13) Acetone	2.156	43	8949	4.172	ug/L	87
16) Methylene chloride	2.442	84	52602	7.121	ug/L	98
17) trans-1,2-Dichloroethene	2.696	96	2639	0.475	ug/L	96
19) 1,1-Dichloroethane	3.111	63	6922	0.655	ug/L	98
20) cis-1,2-Dichloroethene	3.806	96	1596362	286.080	ug/L	99
25) Chloroform	4.278	83	6464	0.594	ug/L	100
34) Trichloroethene	5.834	95	36907	5.335	ug/L	100
42) Toluene	7.326	91	11298	0.490	ug/L	88
46) Tetrachloroethene	7.902	164	272078	53.772	ug/L	98

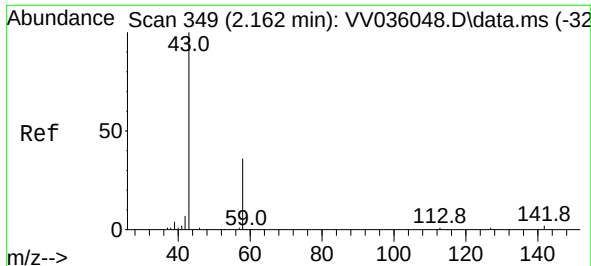
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jun 14 01:10:24 2024
Response via : Initial Calibration





#13

Acetone

Concen: 4.172 ug/L

RT: 2.156 min Scan# 34

Delta R.T. -0.006 min

Lab File: VV036052.D

Acq: 13 Jun 2024 11:05

Instrument :

MSVOA_V

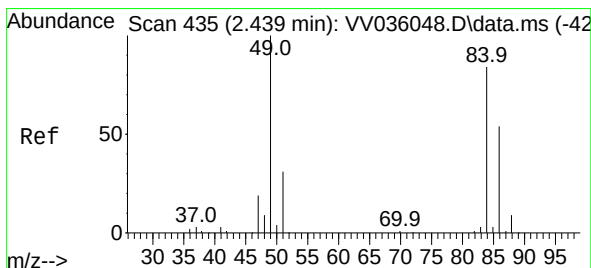
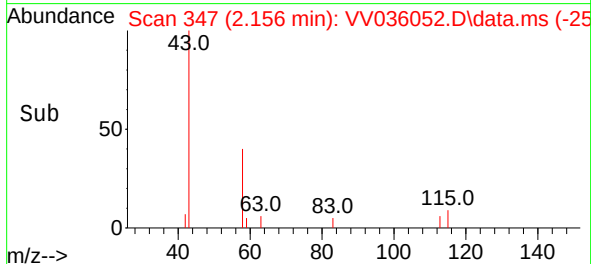
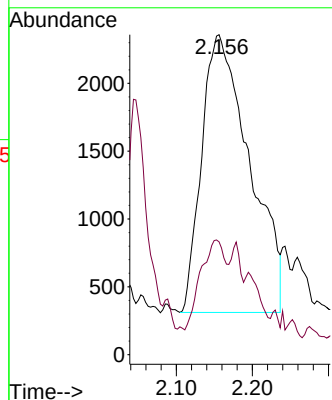
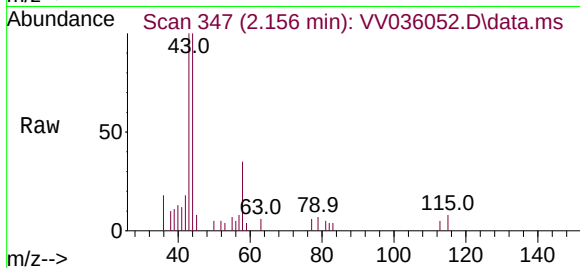
ClientSampleId :

Tgt Ion: 43 Resp: 8949

Ion Ratio Lower Upper

43 100

58 17.2 0.0 24.2



#16

Methylene chloride

Concen: 7.121 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

Lab File: VV036052.D

Acq: 13 Jun 2024 11:05

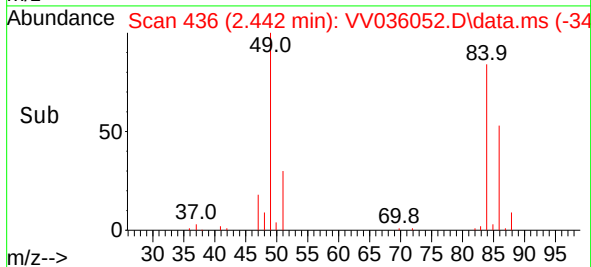
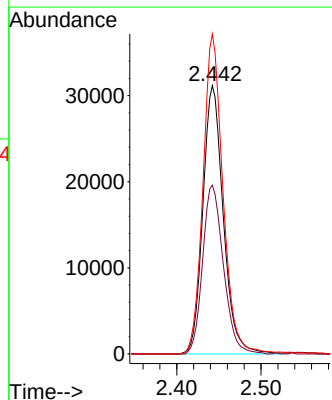
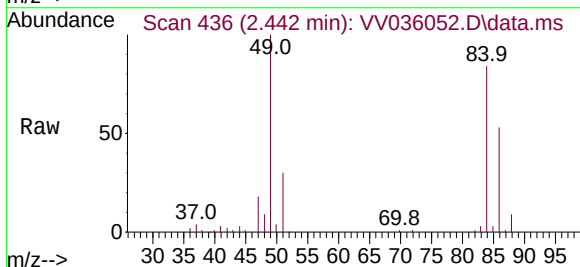
Tgt Ion: 84 Resp: 52602

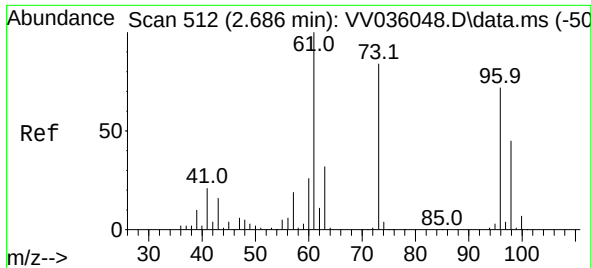
Ion Ratio Lower Upper

84 100

86 62.9 44.6 82.8

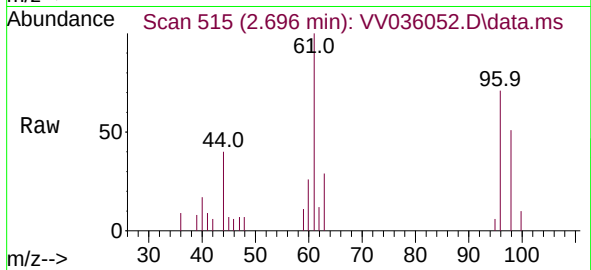
49 119.3 81.1 150.5





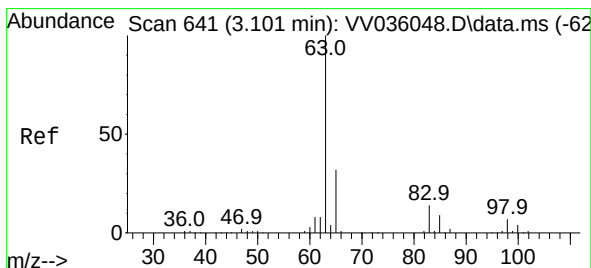
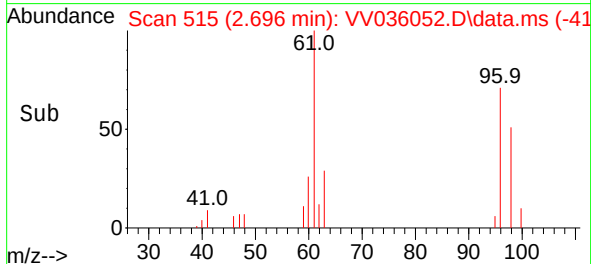
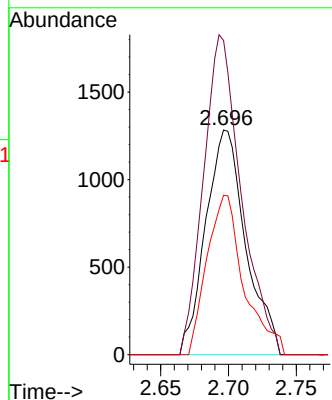
#17
trans-1,2-Dichloroethene
Concen: 0.475 ug/L
RT: 2.696 min Scan# 512
Delta R.T. 0.010 min
Lab File: VV036052.D
Acq: 13 Jun 2024 11:05

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 2639

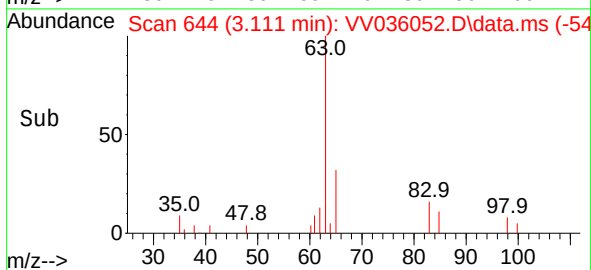
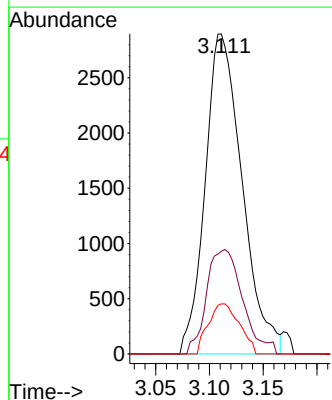
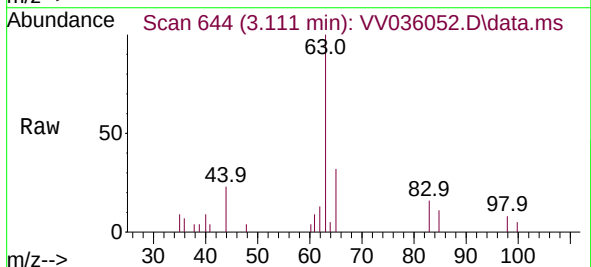
Ion	Ratio	Lower	Upper
96	100		
61	139.9	99.4	184.6
98	70.9	44.9	83.3

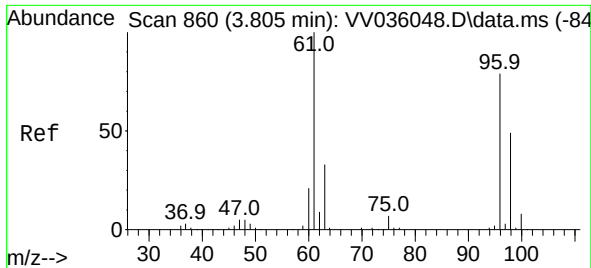


#19
1,1-Dichloroethane
Concen: 0.655 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.010 min
Lab File: VV036052.D
Acq: 13 Jun 2024 11:05

Tgt Ion: 63 Resp: 6922

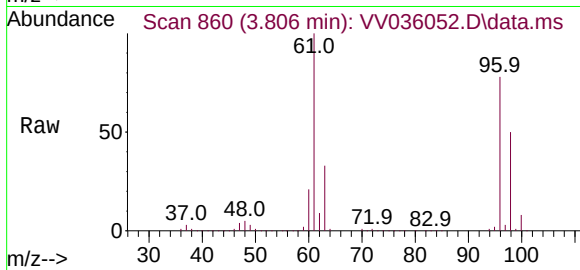
Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.4	41.6
83	15.7	9.2	17.0





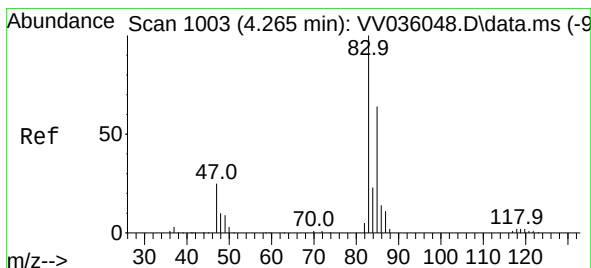
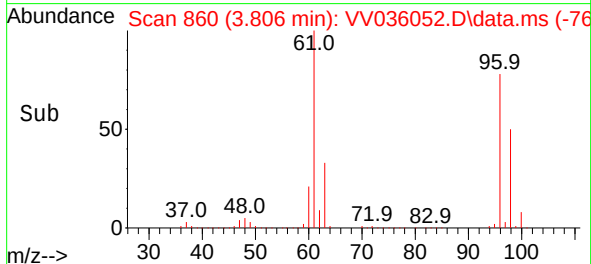
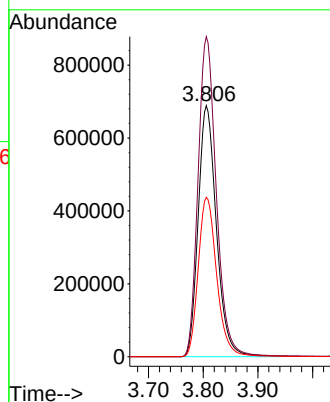
#20
cis-1,2-Dichloroethene
Concen: 286.080 ug/L
RT: 3.806 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV036052.D
Acq: 13 Jun 2024 11:05

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 1596362

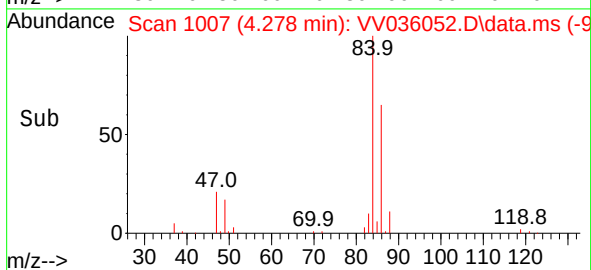
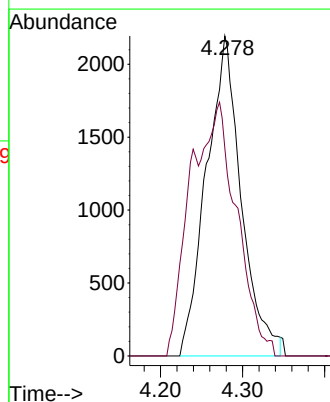
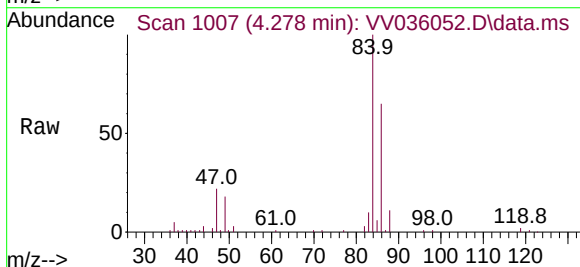
Ion	Ratio	Lower	Upper
96	100		
61	127.5	87.9	163.3
98	63.5	44.4	82.5

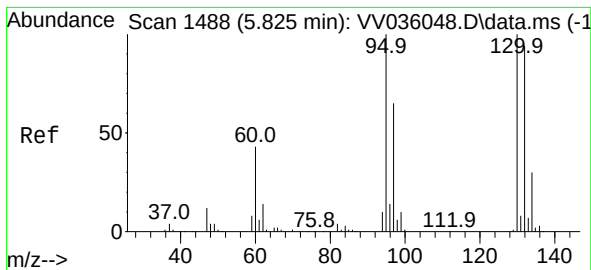


#25
Chloroform
Concen: 0.594 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.013 min
Lab File: VV036052.D
Acq: 13 Jun 2024 11:05

Tgt Ion: 83 Resp: 6464

Ion	Ratio	Lower	Upper
83	100		
85	64.9	45.2	84.0





#34

Trichloroethene

Concen: 5.335 ug/L

RT: 5.834 min Scan# 14

Delta R.T. 0.010 min

Lab File: VV036052.D

Acq: 13 Jun 2024 11:05

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 36907

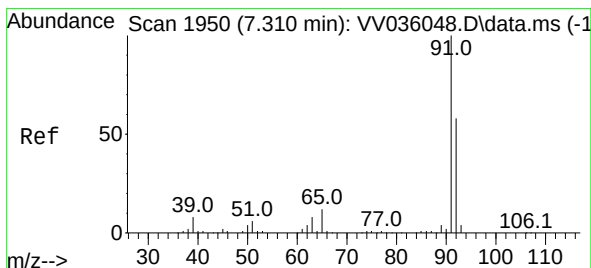
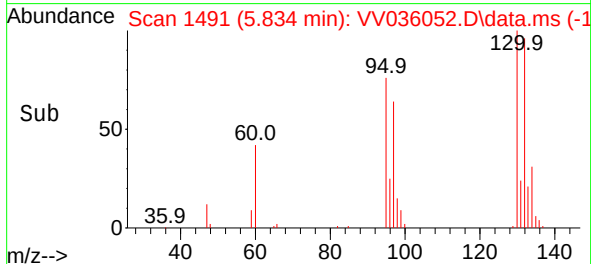
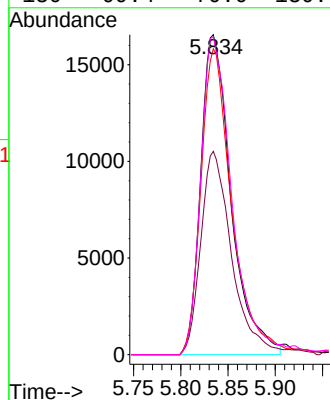
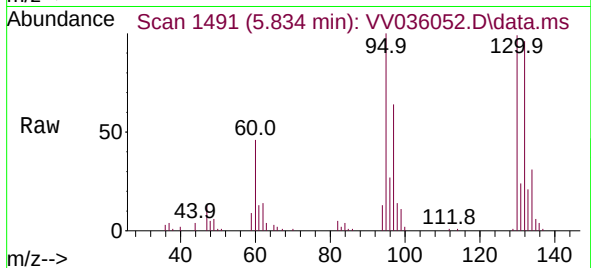
Ion Ratio Lower Upper

95 100

97 63.6 44.8 83.2

132 95.6 66.8 124.2

130 99.4 70.0 130.0



#42

Toluene

Concen: 0.490 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.016 min

Lab File: VV036052.D

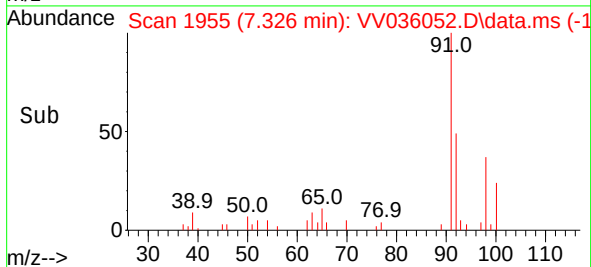
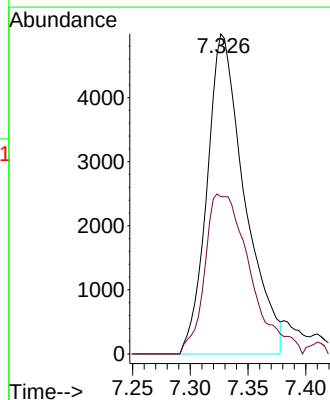
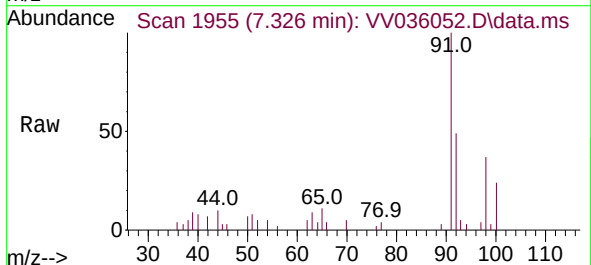
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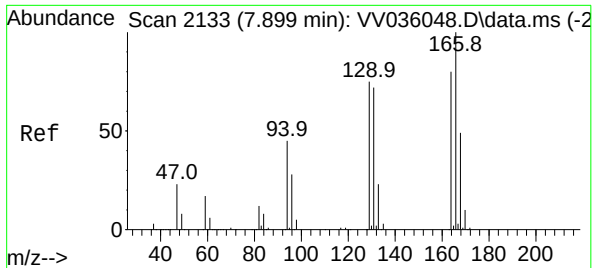
Tgt Ion: 91 Resp: 11298

Ion Ratio Lower Upper

91 100

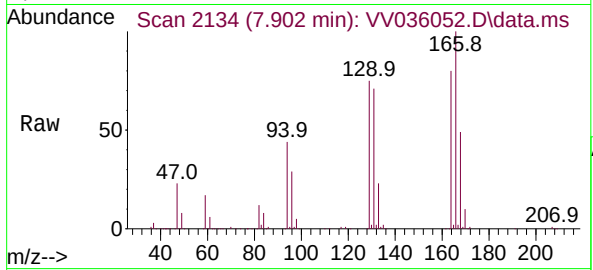
92 49.2 40.6 75.4





#46
 Tetrachloroethene
 Concen: 53.772 ug/L
 RT: 7.902 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV036052.D
 Acq: 13 Jun 2024 11:05

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	164	Resp:	272078
Ion	Ratio	Lower	Upper
164	100		
129	93.2	64.6	120.0
131	89.1	63.2	117.4
166	124.7	89.5	166.3

