

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
 Data File : VV036058.D
 Acq On : 13 Jun 2024 13:22
 Operator : SY/MD
 Sample : P2850-17
 Misc : 5.27g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 14 01:18:09 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)

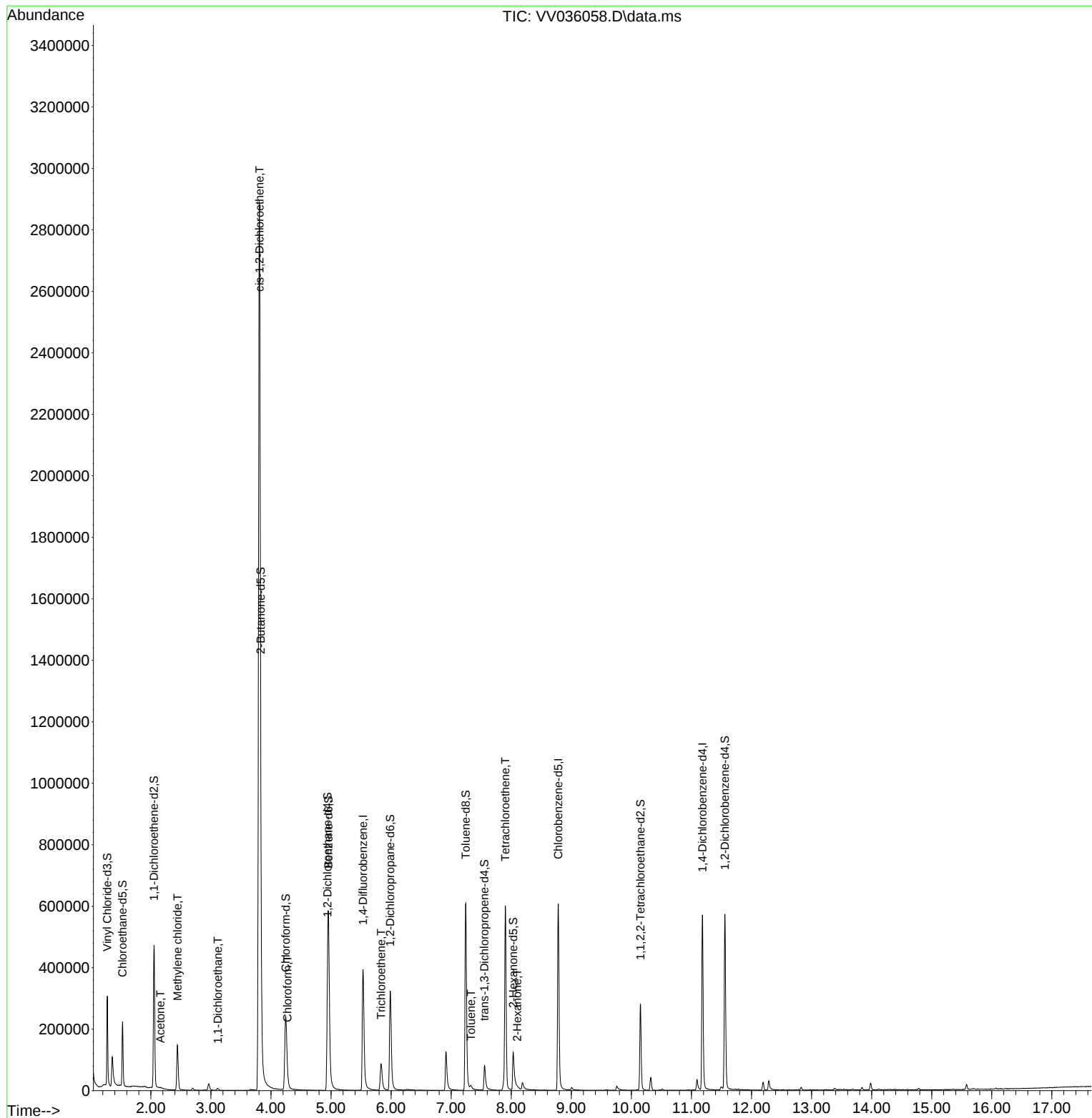
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	350287	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	351633	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	153795	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	191117	29.676	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.720%
7) Chloroethane-d5	1.529	69	139749	27.215	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.840%
11) 1,1-Dichloroethene-d2	2.053	65	80916	28.224	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	112.880%#
21) 2-Butanone-d5	3.828	46	18327	12.403	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	24.800%
24) Chloroform-d	4.246	84	266515	23.932	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.720%
26) 1,2-Dichloroethane-d4	4.940	65	145491	24.918	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.680%
32) Benzene-d6	4.957	84	535458	25.618	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.480%
36) 1,2-Dichloropropane-d6	5.985	67	170782	25.946	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.800%
41) Toluene-d8	7.243	98	431078	23.374	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.480%
43) trans-1,3-Dichloroprop...	7.555	79	54174	20.073	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.280%
47) 2-Hexanone-d5	8.034	63	50432	56.551	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.100%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	142897	29.052	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.200%
66) 1,2-Dichlorobenzene-d4	11.558	152	153072	27.141	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.560%
Target Compounds						
						Qvalue
13) Acetone	2.159	43	13532	5.879	ug/L	88
16) Methylene chloride	2.442	84	64059	8.082	ug/L	99
19) 1,1-Dichloroethane	3.114	63	7398	0.652	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	1617134	270.092	ug/L	99
25) Chloroform	4.275	83	7374	0.632	ug/L	93
34) Trichloroethene	5.834	95	27583	3.913	ug/L	97
42) Toluene	7.329	91	10456	0.445	ug/L	90
46) Tetrachloroethene	7.902	164	136788	26.535	ug/L	98
48) 2-Hexanone	8.101	43	2206	0.860	ug/L #	39

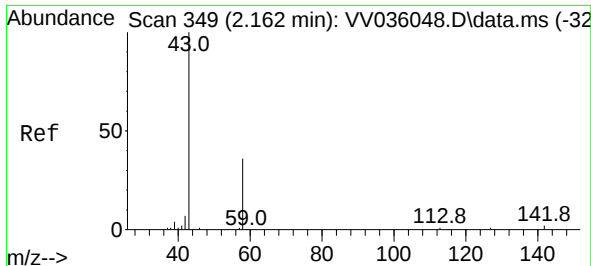
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 5.879 ug/L

RT: 2.159 min Scan# 349

Delta R.T. -0.003 min

Lab File: VV036058.D

Acq: 13 Jun 2024 13:22

Instrument :

MSVOA_V

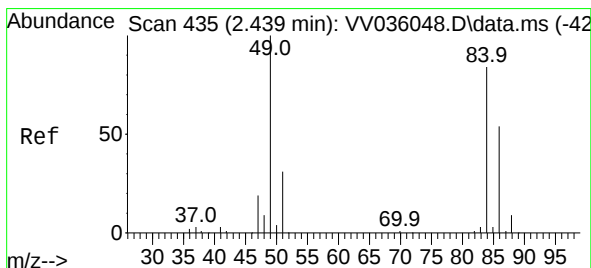
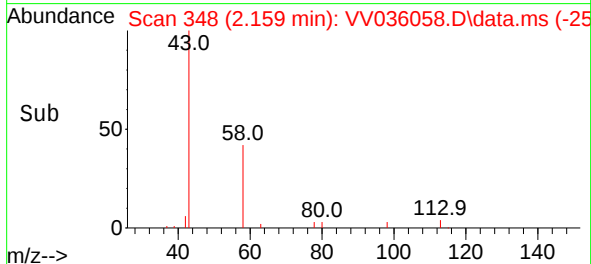
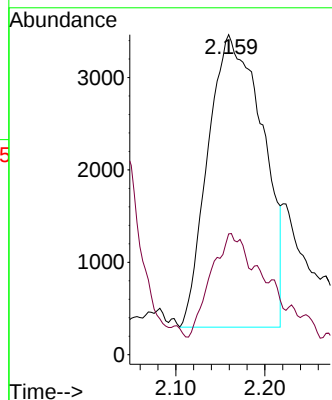
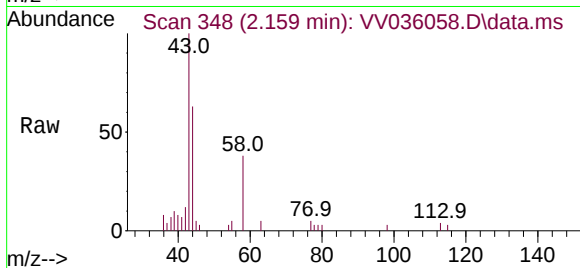
ClientSampleId :

Tgt Ion: 43 Resp: 13532

Ion Ratio Lower Upper

43 100

58 16.8 0.0 24.2



#16

Methylene chloride

Concen: 8.082 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

Lab File: VV036058.D

Acq: 13 Jun 2024 13:22

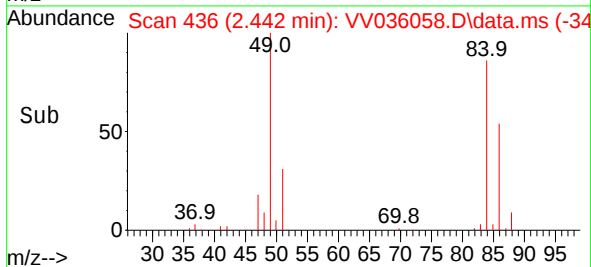
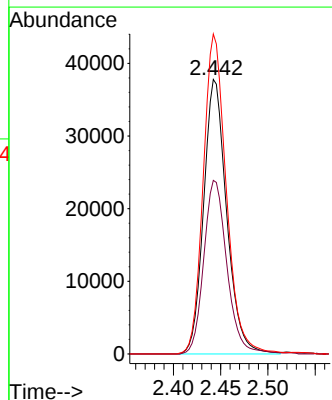
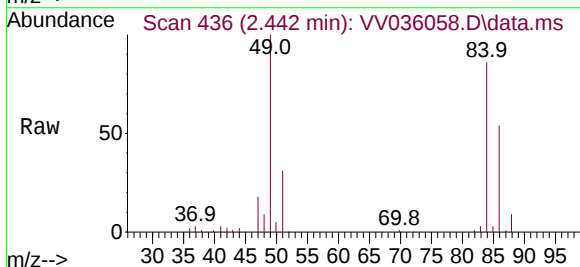
Tgt Ion: 84 Resp: 64059

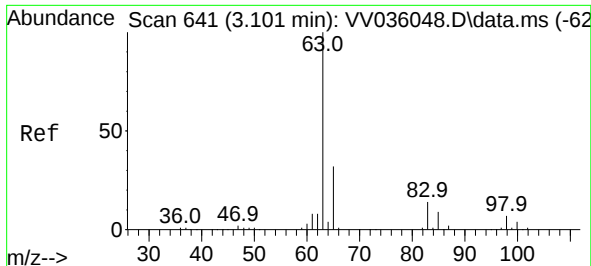
Ion Ratio Lower Upper

84 100

86 63.2 44.6 82.8

49 116.6 81.1 150.5

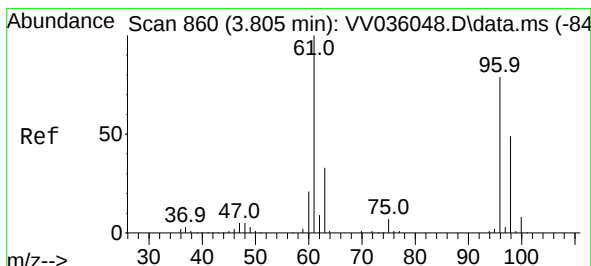
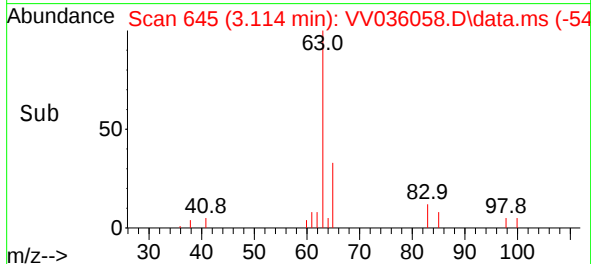
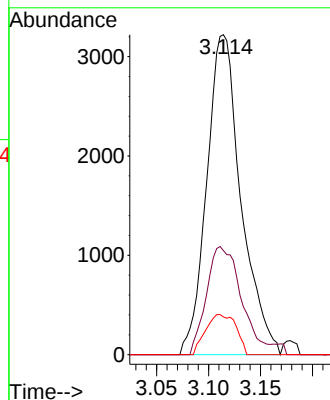
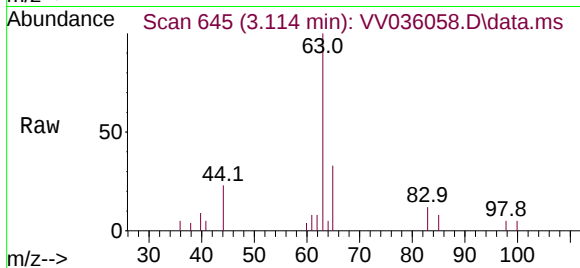




#19
1,1-Dichloroethane
Concen: 0.652 ug/L
RT: 3.114 min Scan# 641
Delta R.T. 0.013 min
Lab File: VV036058.D
Acq: 13 Jun 2024 13:22

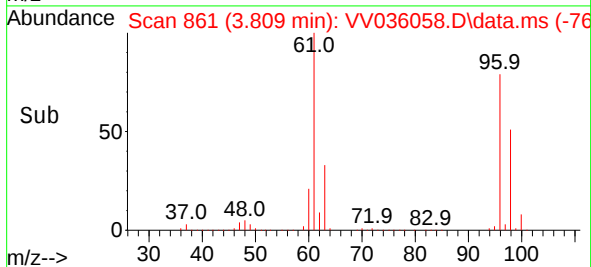
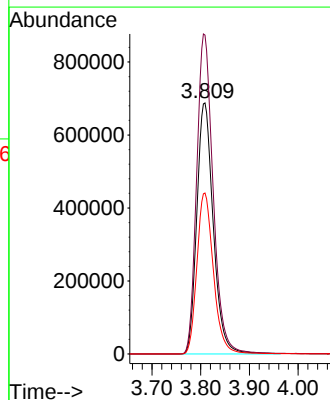
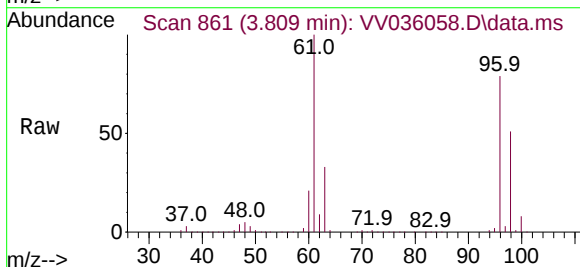
Instrument :
MSVOA_V
ClientSampleId :

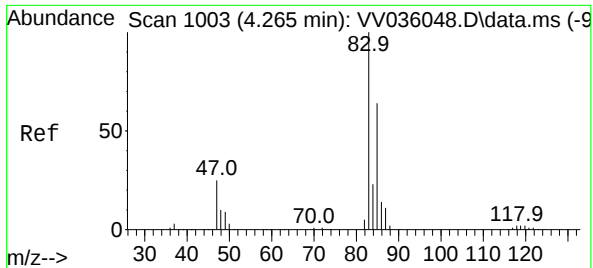
Tgt Ion: 63 Resp: 7398
Ion Ratio Lower Upper
63 100
65 32.6 22.4 41.6
83 11.8 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 270.092 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV036058.D
Acq: 13 Jun 2024 13:22

Tgt Ion: 96 Resp: 1617134
Ion Ratio Lower Upper
96 100
61 127.0 87.9 163.3
98 64.2 44.4 82.5





#25

Chloroform

Concen: 0.632 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV036058.D

Acq: 13 Jun 2024 13:22

Instrument :

MSVOA_V

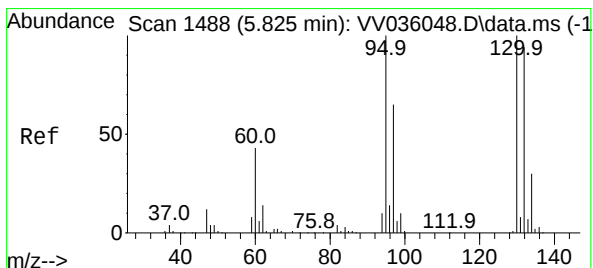
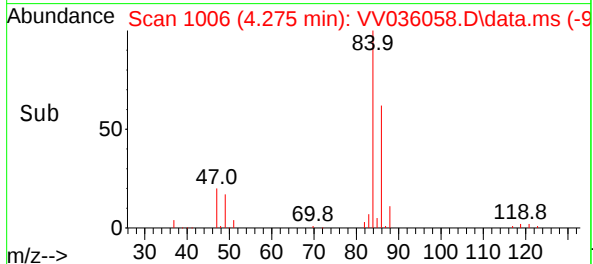
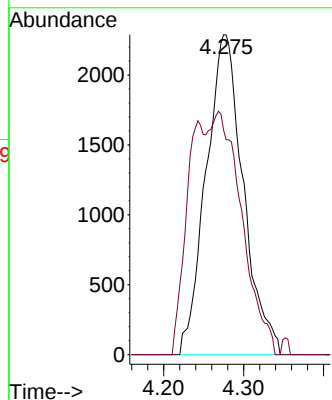
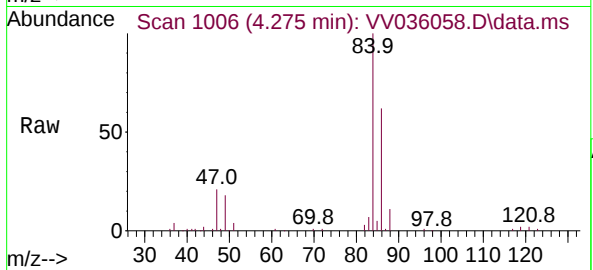
ClientSampleId :

Tgt Ion: 83 Resp: 7374

Ion Ratio Lower Upper

83 100

85 70.2 45.2 84.0



#34

Trichloroethene

Concen: 3.913 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.010 min

Lab File: VV036058.D

Acq: 13 Jun 2024 13:22

Tgt Ion: 95 Resp: 27583

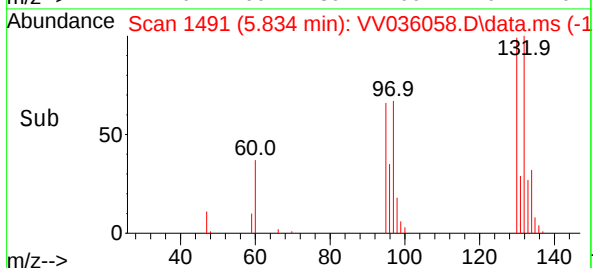
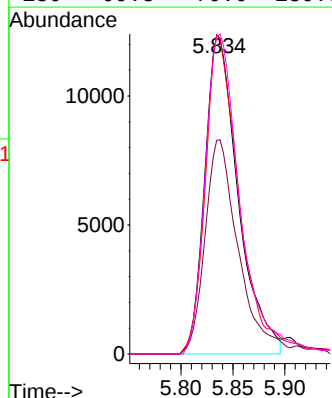
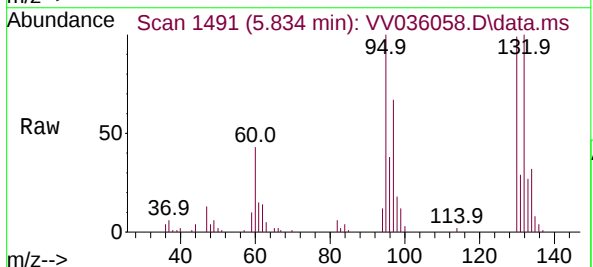
Ion Ratio Lower Upper

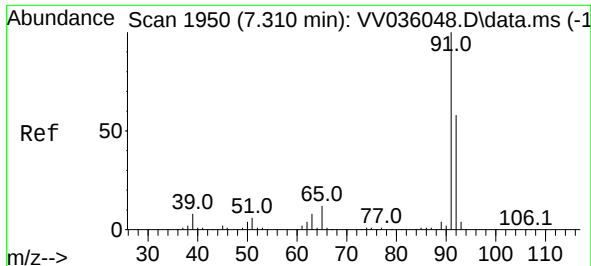
95 100

97 67.0 44.8 83.2

132 100.0 66.8 124.2

130 99.3 70.0 130.0

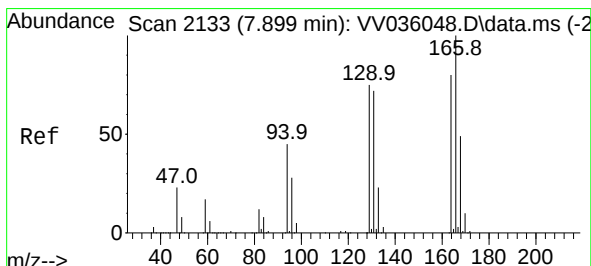
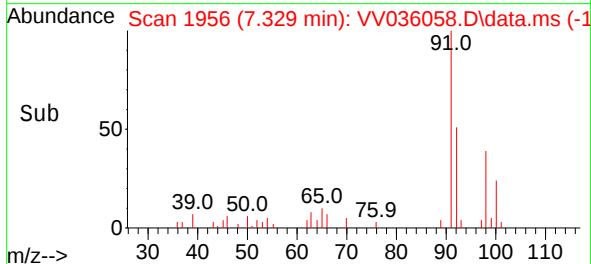
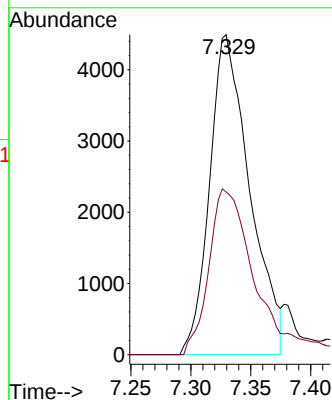
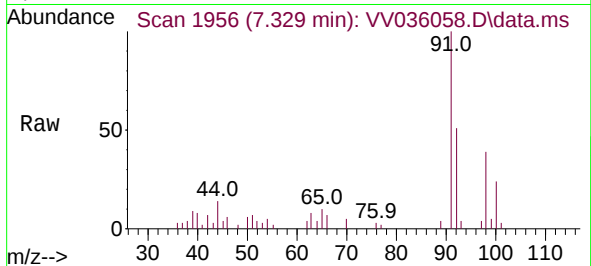




#42
Toluene
Concen: 0.445 ug/L
RT: 7.329 min Scan# 1956
Delta R.T. 0.019 min
Lab File: VV036058.D
Acq: 13 Jun 2024 13:22

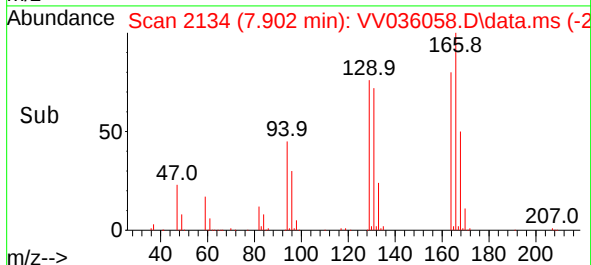
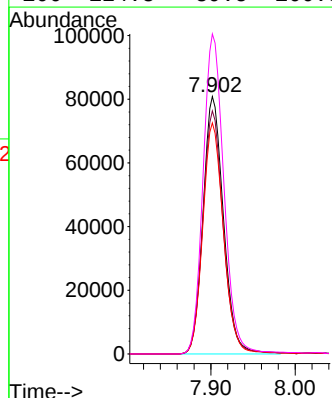
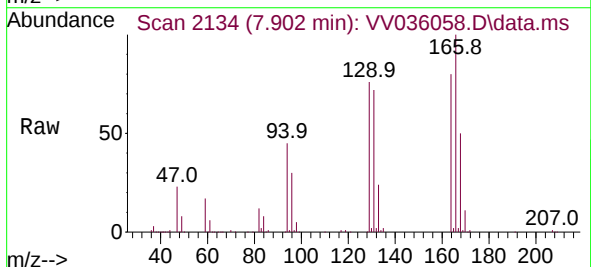
Instrument :
MSVOA_V
ClientSampleId :

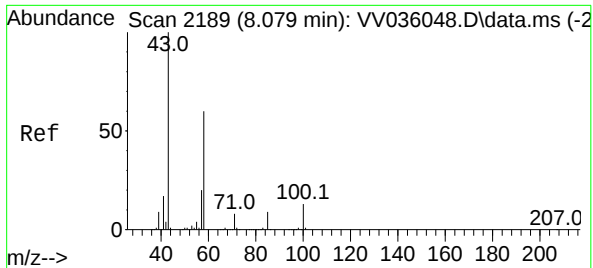
Tgt Ion: 91 Resp: 10456
Ion Ratio Lower Upper
91 100
92 50.9 40.6 75.4



#46
Tetrachloroethene
Concen: 26.535 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV036058.D
Acq: 13 Jun 2024 13:22

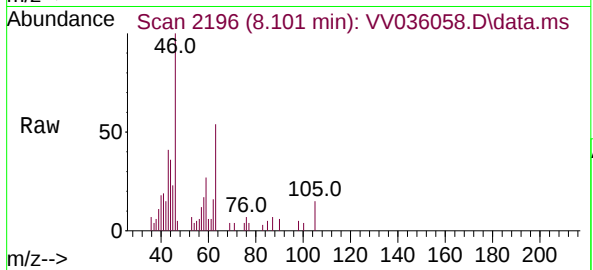
Tgt Ion:164 Resp: 136788
Ion Ratio Lower Upper
164 100
129 94.4 64.6 120.0
131 89.7 63.2 117.4
166 124.3 89.5 166.3





#48
2-Hexanone
Concen: 0.860 ug/L
RT: 8.101 min Scan# 2189
Delta R.T. 0.023 min
Lab File: VV036058.D
Acq: 13 Jun 2024 13:22

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	43	Resp:	2206
Ion	Ratio	Lower	Upper
43	100		
58	0.0	45.4	68.0#
57	1.3	15.8	23.8#
100	4.3	9.8	14.8#

