

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071724\
 Data File : VV036585.D
 Acq On : 17 Jul 2024 11:39
 Operator : SY/MD
 Sample : P3238-07
 Misc : 4.81g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 18 01:26:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 18 01:25:10 2024
 Response via : Initial Calibration

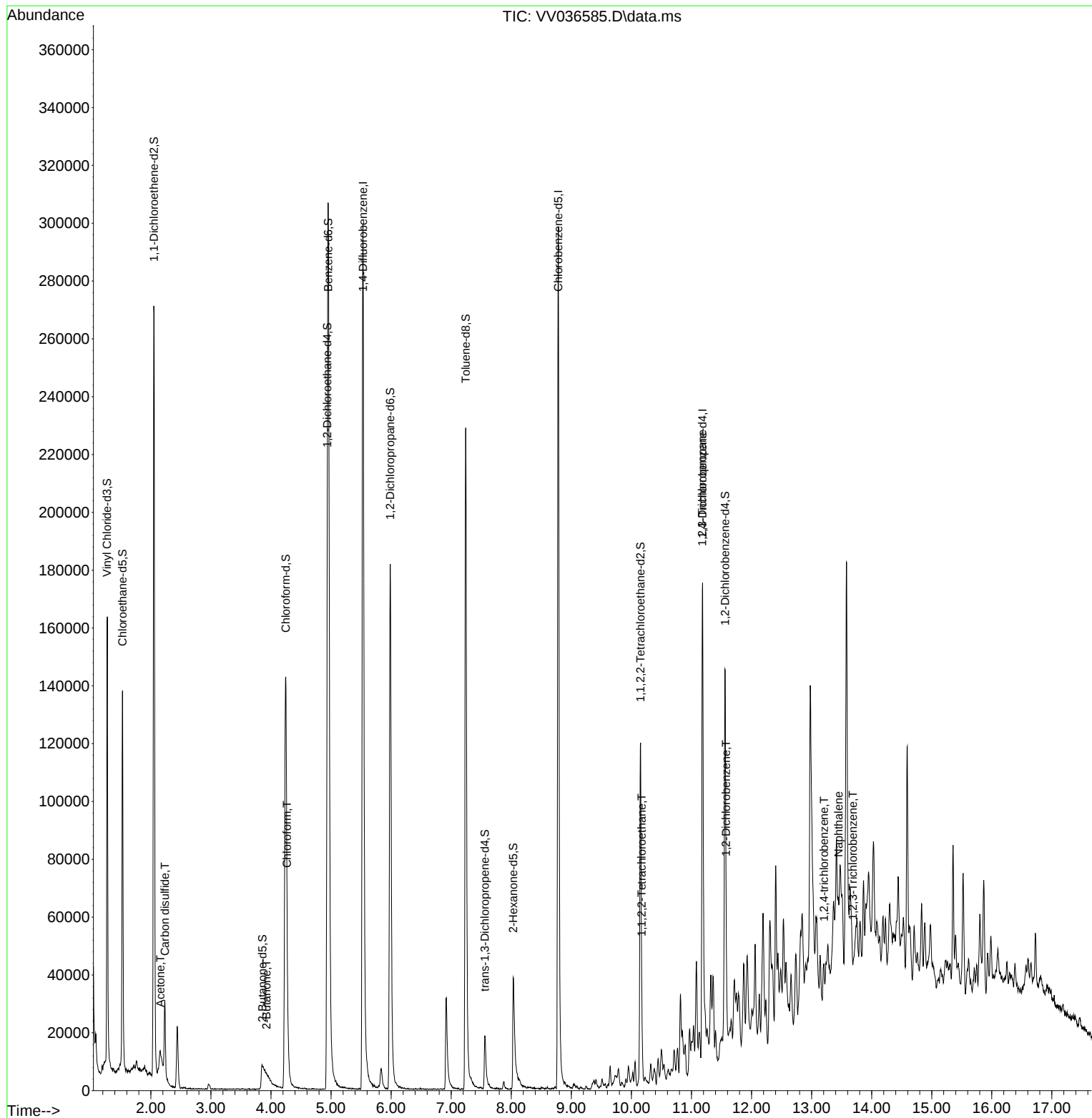
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	283568	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	184209	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	48335	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	98814	24.323	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.280%
7) Chloroethane-d5	1.529	69	86979	24.488	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.960%
11) 1,1-Dichloroethene-d2	2.050	65	42176	20.217	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.880%
21) 2-Butanone-d5	3.857	46	6330	9.103	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	18.200%#
24) Chloroform-d	4.246	84	162424	19.678	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.720%
26) 1,2-Dichloroethane-d4	4.937	65	88157	21.534	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.120%
32) Benzene-d6	4.954	84	285181	31.032	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	124.120%
36) 1,2-Dichloropropane-d6	5.986	67	88072	32.157	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	128.640%#
41) Toluene-d8	7.243	98	171444	20.219	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.880%
43) trans-1,3-Dichloroprop...	7.561	79	12556	11.026	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	44.120%
47) 2-Hexanone-d5	8.034	63	13864	45.577	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.160%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	55010	23.848	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	33239	20.264	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.040%
Target Compounds						
					Qvalue	
13) Acetone	2.159	43	13728	13.964	ug/L	77
14) Carbon disulfide	2.233	76	30371	3.229	ug/L	97
22) 2-Butanone	3.928	43	1156	1.401	ug/L #	42
25) Chloroform	4.269	83	4301	0.526	ug/L	81
57) 1,1,2,2-Tetrachloroethane	10.172	83	1567	0.757	ug/L #	45
61) 1,2,3-Trichloropropane	11.182	75	4599	5.348	ug/L #	60
67) 1,2-Dichlorobenzene	11.577	146	1283	0.468	ug/L #	47
70) 1,2,4-trichlorobenzene	13.207	180	995	0.566	ug/L #	30
71) Naphthalene	13.448	128	2247	0.851	ug/L #	84
72) 1,2,3-Trichlorobenzene	13.689	180	618	0.372	ug/L #	76

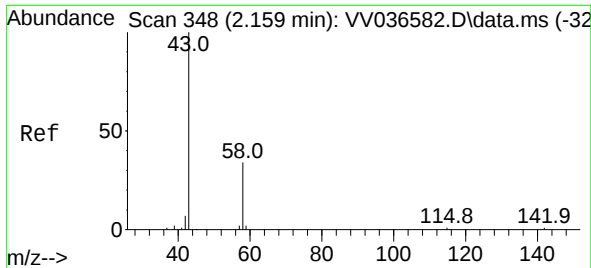
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 13.964 ug/L

RT: 2.159 min Scan# 348

Delta R.T. 0.000 min

Lab File: VV036585.D

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Instrument :

MSVOA_V

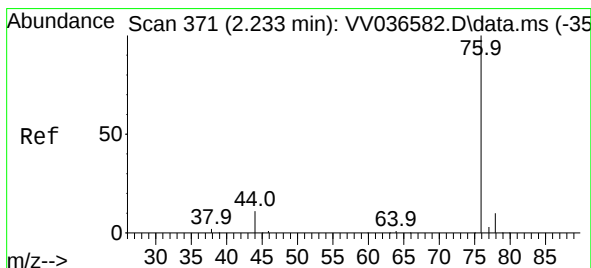
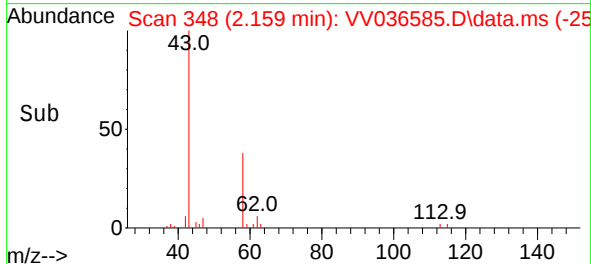
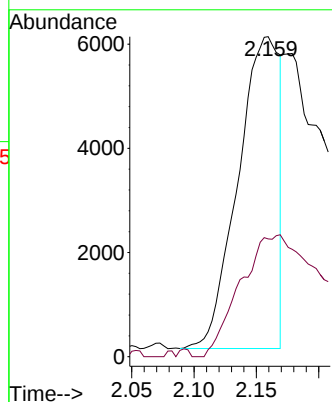
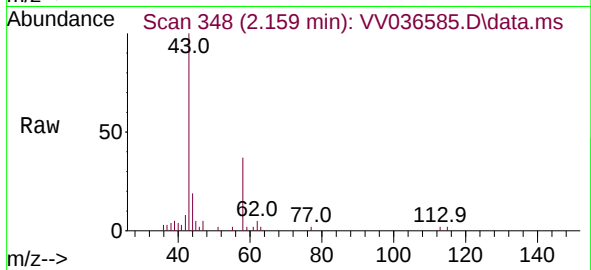
ClientSampleId :

Tgt Ion: 43 Resp: 13728

Ion Ratio Lower Upper

43 100

58 4.8 0.0 28.4



#14

Carbon disulfide

Concen: 3.229 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.000 min

Lab File: VV036585.D

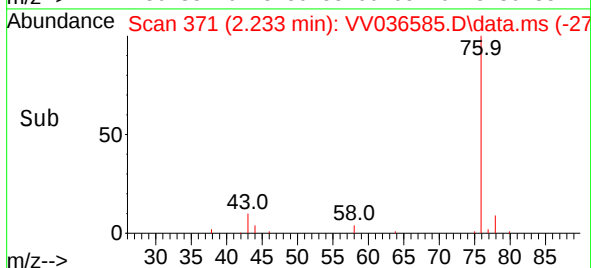
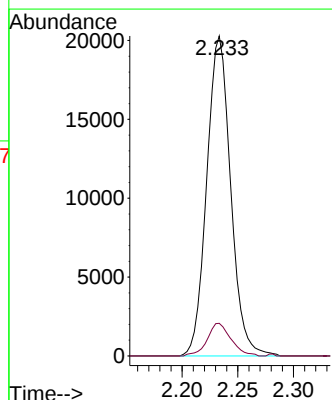
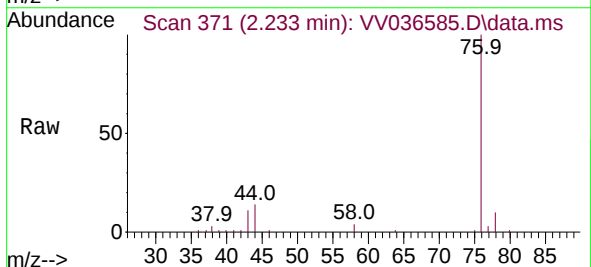
Acq: 17 Jul 2024 11:39

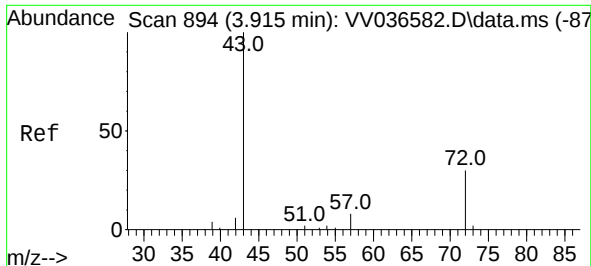
Tgt Ion: 76 Resp: 30371

Ion Ratio Lower Upper

76 100

78 10.2 7.4 11.2





#22

2-Butanone

Concen: 1.401 ug/L

RT: 3.928 min Scan# 894

Delta R.T. 0.013 min

Lab File: VV036585.D

Acq: 17 Jul 2024 11:39

Instrument :

MSVOA_V

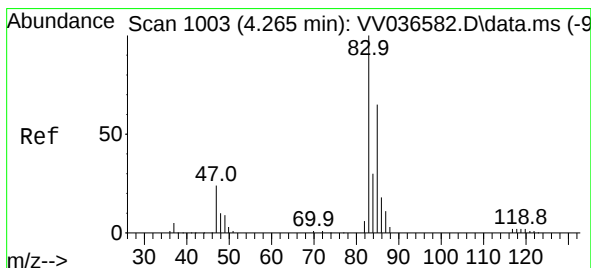
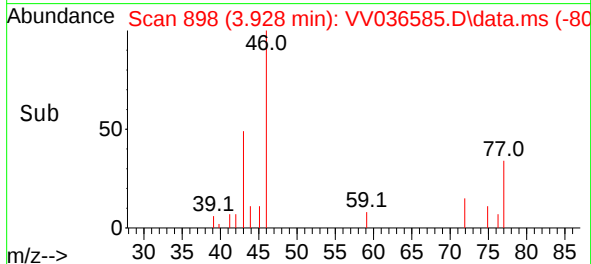
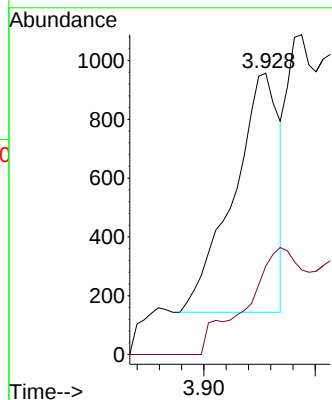
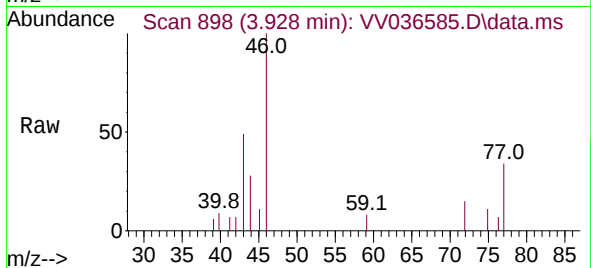
ClientSampleId :

Tgt Ion: 43 Resp: 1156

Ion Ratio Lower Upper

43 100

72 34.2 5.9 17.6#



#25

Chloroform

Concen: 0.526 ug/L

RT: 4.269 min Scan# 1004

Delta R.T. 0.003 min

Lab File: VV036585.D

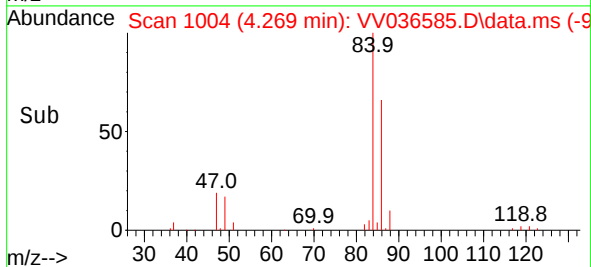
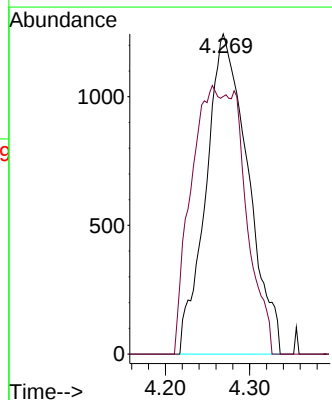
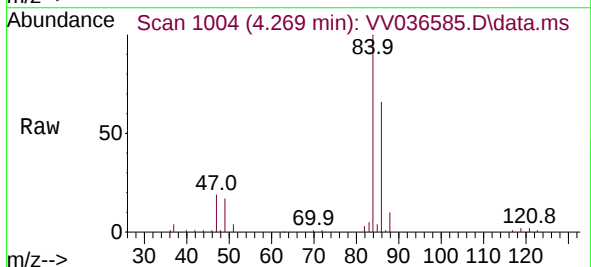
Acq: 17 Jul 2024 11:39

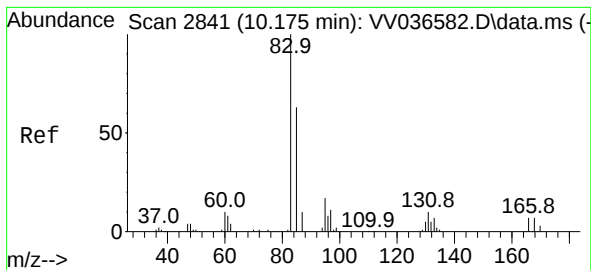
Tgt Ion: 83 Resp: 4301

Ion Ratio Lower Upper

83 100

85 80.5 45.6 84.6





#57

1,1,2,2-Tetrachloroethane

Concen: 0.757 ug/L

RT: 10.172 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV036585.D

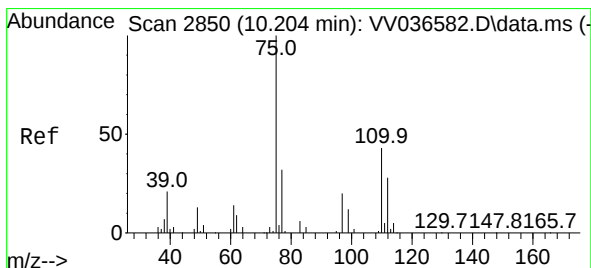
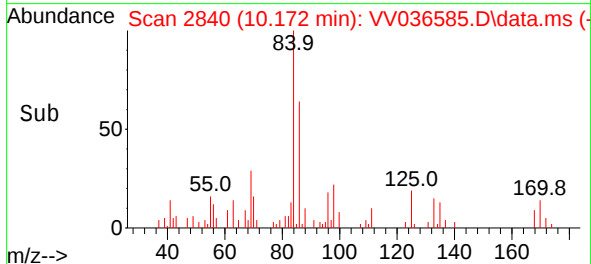
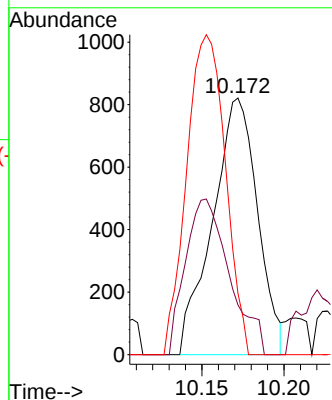
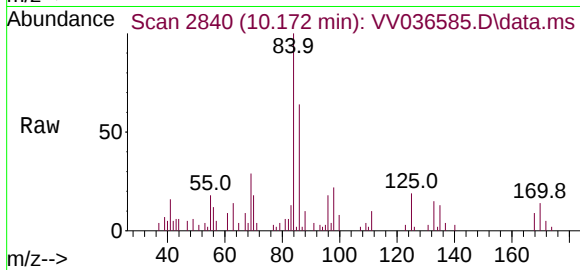
Acq: 17 Jul 2024 11:39

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	1567
Ion	Ratio	Lower	Upper
83	100		
85	19.4	45.0	83.6#
131	23.9	8.1	12.1#



#61

1,2,3-Trichloropropane

Concen: 5.348 ug/L

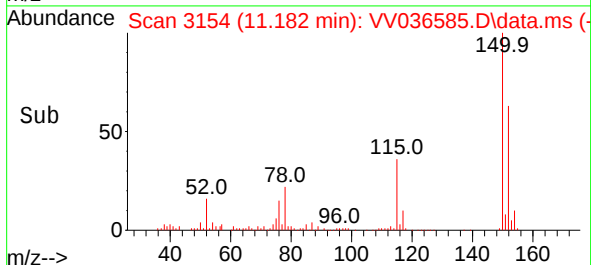
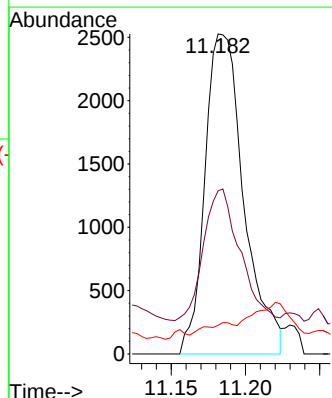
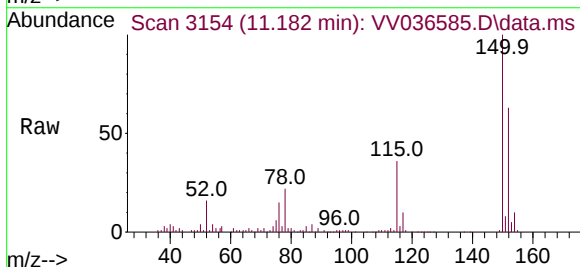
RT: 11.182 min Scan# 3154

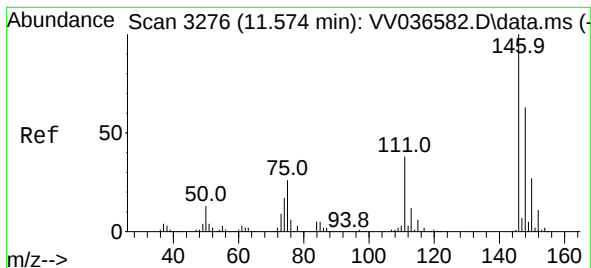
Delta R.T. 0.978 min

Lab File: VV036585.D

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Tgt Ion:	75	Resp:	4599
Ion	Ratio	Lower	Upper
75	100		
77	36.2	25.6	38.4
110	2.1	34.8	52.2#





#67

1,2-Dichlorobenzene

Concen: 0.468 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV036585.D

Acq: 17 Jul 2024 11:39

Instrument :

MSVOA_V

ClientSampleId :

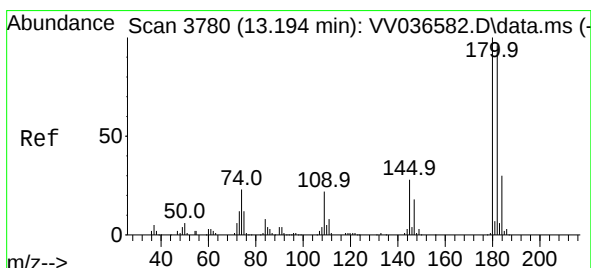
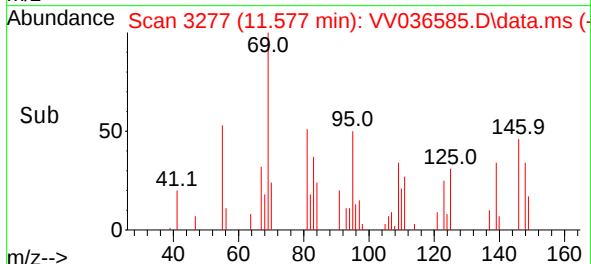
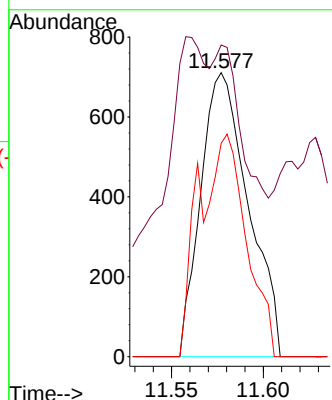
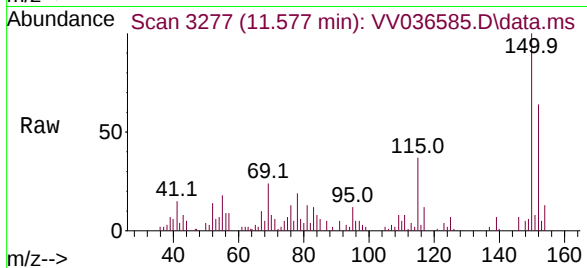
Tgt Ion:146 Resp: 1283

Ion Ratio Lower Upper

146 100

111 109.7 30.8 46.2#

148 75.1 51.3 76.9



#70

1,2,4-trichlorobenzene

Concen: 0.566 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.013 min

Lab File: VV036585.D

Acq: 17 Jul 2024 11:39

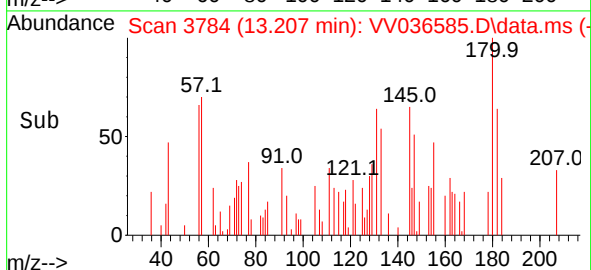
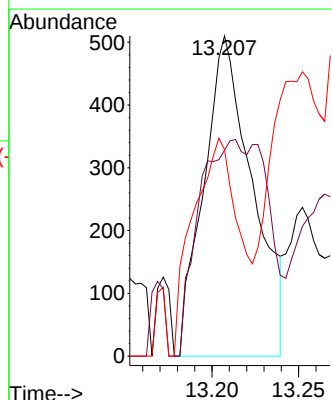
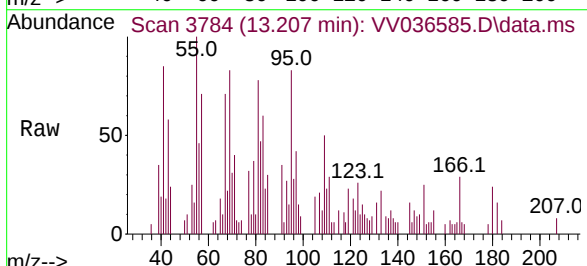
Tgt Ion:180 Resp: 995

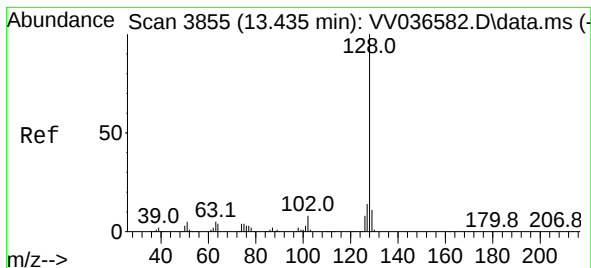
Ion Ratio Lower Upper

180 100

182 27.2 76.7 115.1#

145 64.5 23.0 34.6#





#71

Naphthalene

Concen: 0.851 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.013 min

Lab File: VV036585.D

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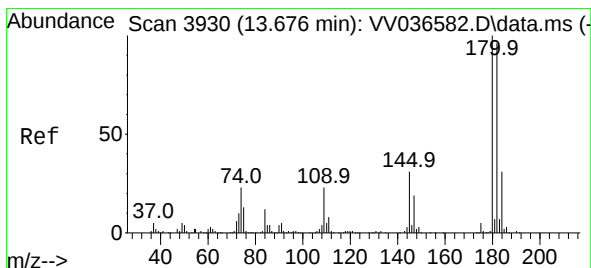
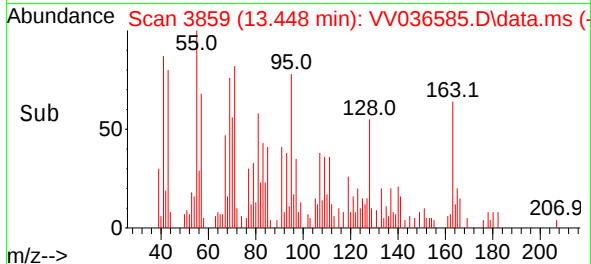
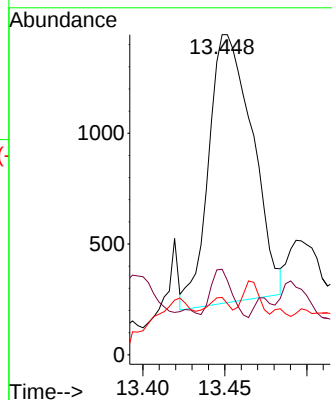
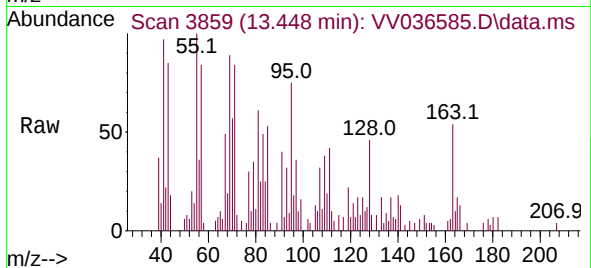
Tgt Ion:128 Resp: 2247

Ion Ratio Lower Upper

128 100

127 8.3 10.8 16.2#

129 3.6 8.6 13.0#



#72

1,2,3-Trichlorobenzene

Concen: 0.372 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. 0.013 min

Lab File: VV036585.D

Acq: 17 Jul 2024 11:39

Tgt Ion:180 Resp: 618

Ion Ratio Lower Upper

180 100

182 82.4 76.6 114.8

145 0.0 24.4 36.6#

