

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071624\
 Data File : VW036562.D
 Acq On : 16 Jul 2024 12:52
 Operator : SY/MD
 Sample : P3232-07
 Misc : 5.26g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 17 02:27:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 17 02:15:19 2024
 Response via : Initial Calibration

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

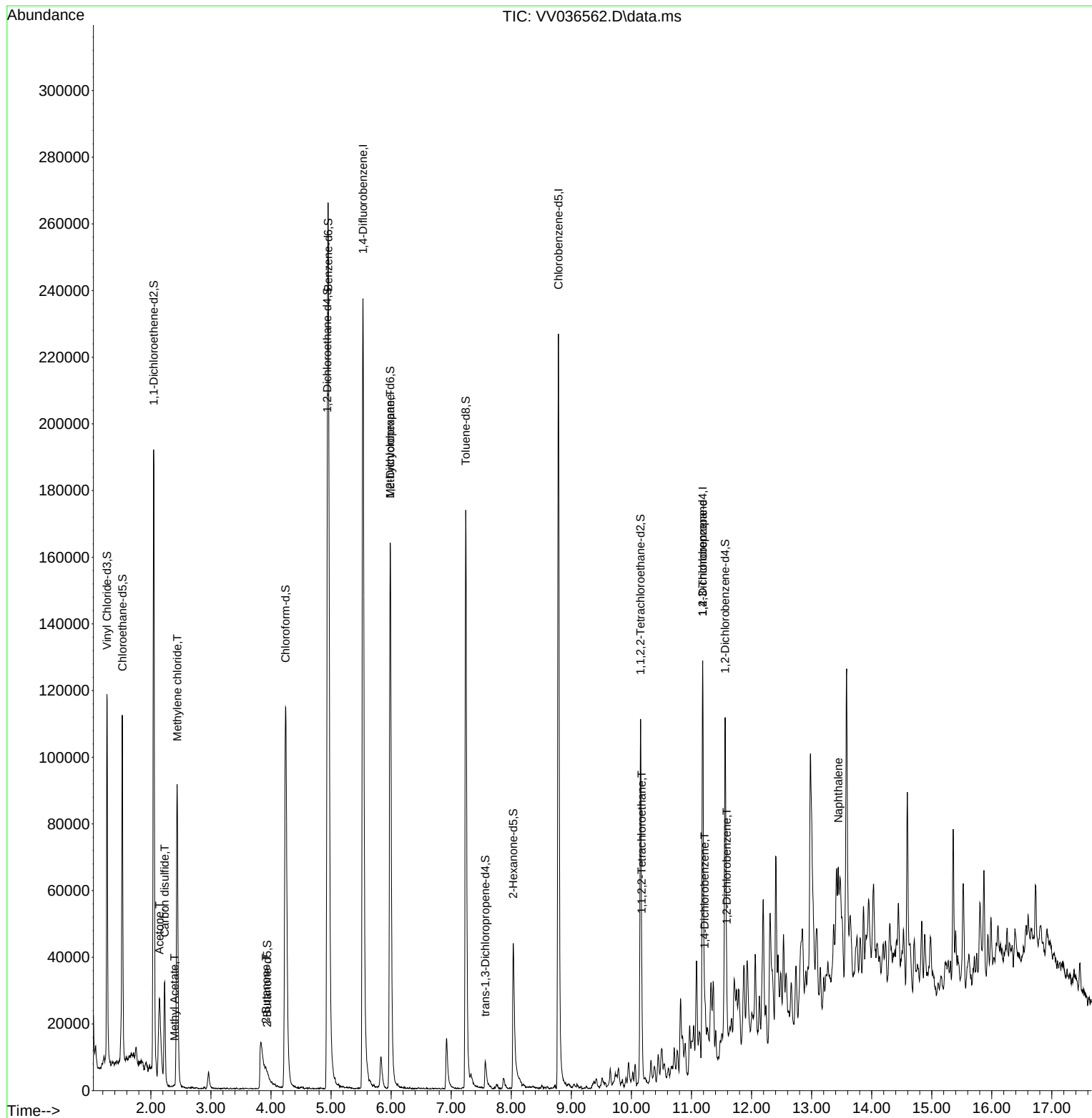
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	224758	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	144236	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	34817	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.269	65	74800	23.229	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.920%
7) Chloroethane-d5	1.526	69	71586	25.427	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.720%
11) 1,1-Dichloroethene-d2	2.047	65	30182	18.253	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.000%
21) 2-Butanone-d5	3.937	46	269	0.488	ug/L	0.10
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.980%#
24) Chloroform-d	4.243	84	128797	19.687	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.760%
26) 1,2-Dichloroethane-d4	4.937	65	82864	25.537	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.160%
32) Benzene-d6	4.953	84	233424	32.439	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	129.760%
36) 1,2-Dichloropropane-d6	5.985	67	79652	37.142	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	148.560%#
41) Toluene-d8	7.243	98	127692	19.232	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.920%
43) trans-1,3-Dichloroprop...	7.567	79	6701	7.516	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	=	30.080%
47) 2-Hexanone-d5	8.034	63	15104	63.414	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.820%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	50593	28.012	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.040%
66) 1,2-Dichlorobenzene-d4	11.561	152	24833	21.017	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.080%
Target Compounds						Qvalue
13) Acetone	2.143	43	45893	58.899	ug/L #	45
14) Carbon disulfide	2.230	76	36288	4.868	ug/L	98
15) Methyl Acetate	2.394	43	483	0.459	ug/L #	65
16) Methylene chloride	2.439	84	39685	8.588	ug/L	97
22) 2-Butanone	3.918	43	2434	3.721	ug/L #	1
35) Methylcyclohexane	5.985	83	21642	8.349	ug/L #	21
57) 1,1,2,2-Tetrachloroethane	10.172	83	1469	0.906	ug/L #	57
61) 1,2,3-Trichloropropane	11.188	75	3897	6.291	ug/L #	66
65) 1,4-Dichlorobenzene	11.220	146	2649	1.200	ug/L #	77
67) 1,2-Dichlorobenzene	11.586	146	996	0.504	ug/L #	69
71) Naphthalene	13.445	128	15395	8.095	ug/L	98

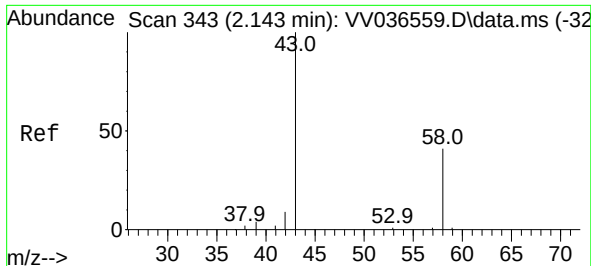
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jul 17 02:15:19 2024
Response via : Initial Calibration





#13

Acetone

Concen: 58.899 ug/L

RT: 2.143 min Scan# 34

Delta R.T. -0.000 min

Lab File: VV036562.D

Acq: 16 Jul 2024 12:52

Instrument :

MSVOA_V

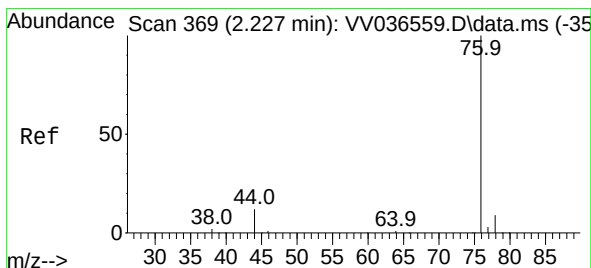
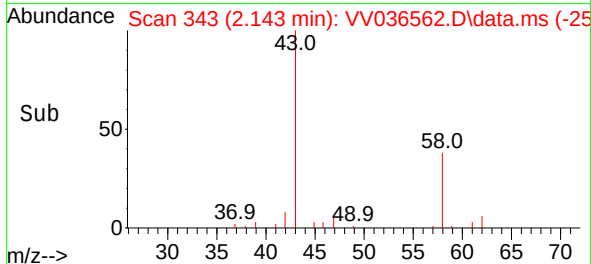
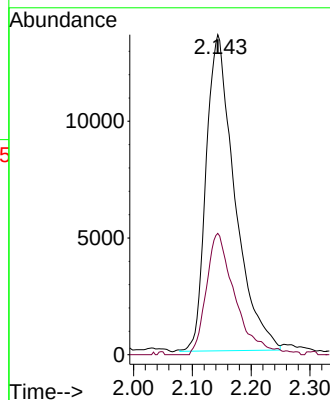
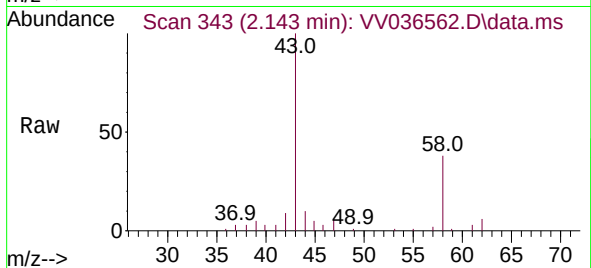
ClientSampleId :

Tgt Ion: 43 Resp: 45893

Ion Ratio Lower Upper

43 100

58 36.6 0.0 28.4#



#14

Carbon disulfide

Concen: 4.868 ug/L

RT: 2.230 min Scan# 370

Delta R.T. 0.003 min

Lab File: VV036562.D

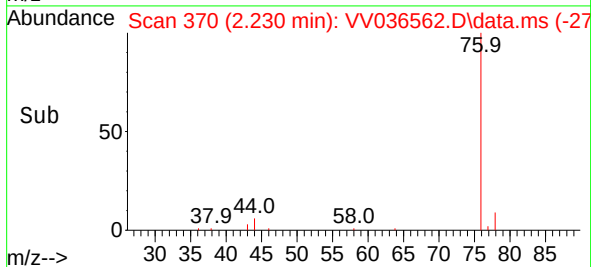
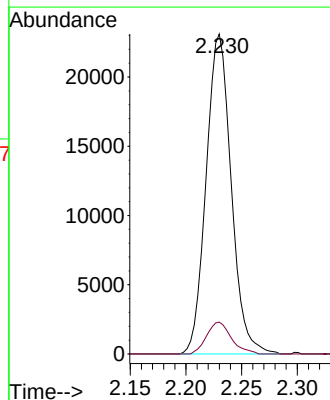
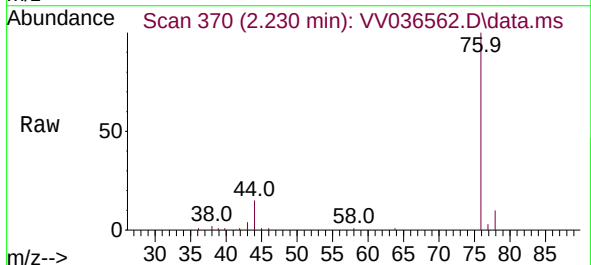
Acq: 16 Jul 2024 12:52

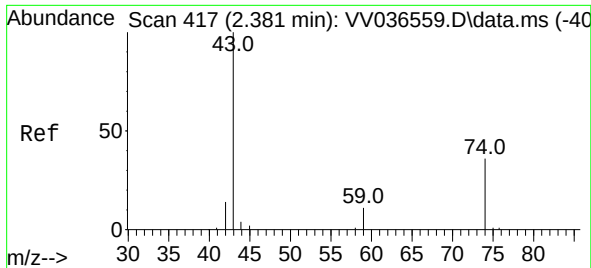
Tgt Ion: 76 Resp: 36288

Ion Ratio Lower Upper

76 100

78 10.0 7.4 11.2

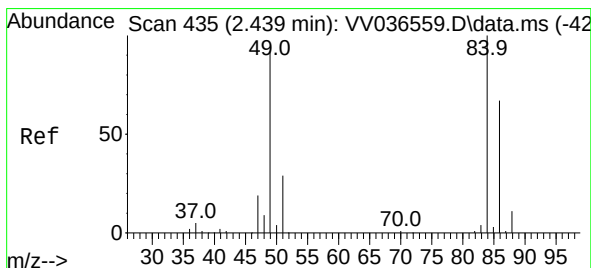
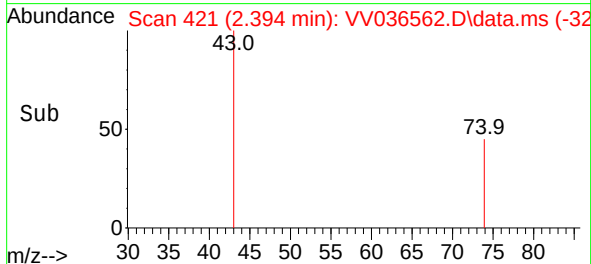
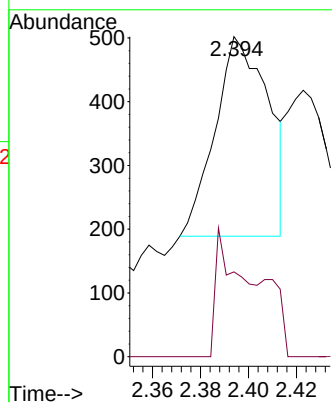
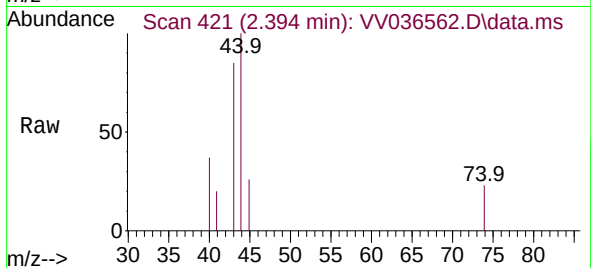




#15
Methyl Acetate
Concen: 0.459 ug/L
RT: 2.394 min Scan# 417
Delta R.T. 0.013 min
Lab File: VV036562.D
Acq: 16 Jul 2024 12:52

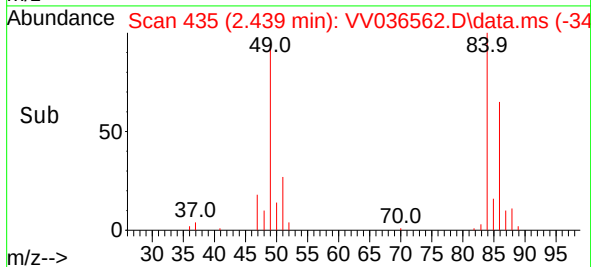
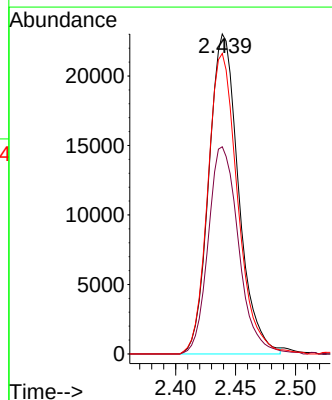
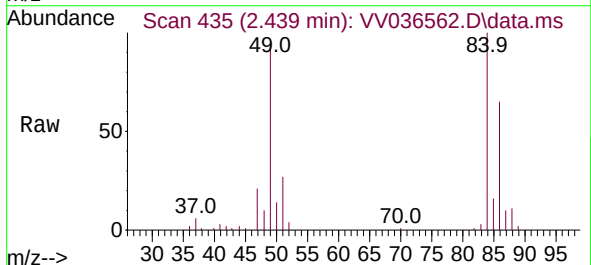
Instrument :
MSVOA_V
ClientSampleId :

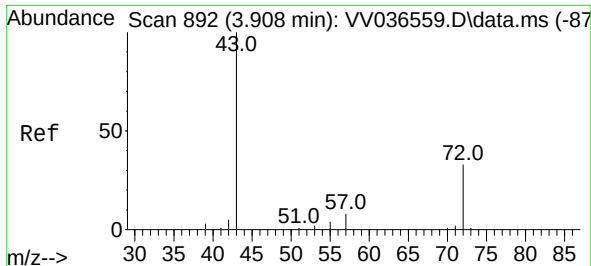
Tgt Ion: 43 Resp: 483
Ion Ratio Lower Upper
43 100
74 13.3 26.3 39.5#



#16
Methylene chloride
Concen: 8.588 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.000 min
Lab File: VV036562.D
Acq: 16 Jul 2024 12:52

Tgt Ion: 84 Resp: 39685
Ion Ratio Lower Upper
84 100
86 64.8 46.3 86.1
49 93.9 68.1 126.5





#22

2-Butanone

Concen: 3.721 ug/L

RT: 3.918 min Scan# 89

Delta R.T. 0.010 min

Lab File: VV036562.D

Acq: 16 Jul 2024 12:52

Instrument :

MSVOA_V

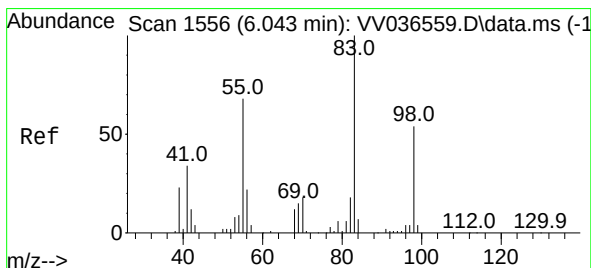
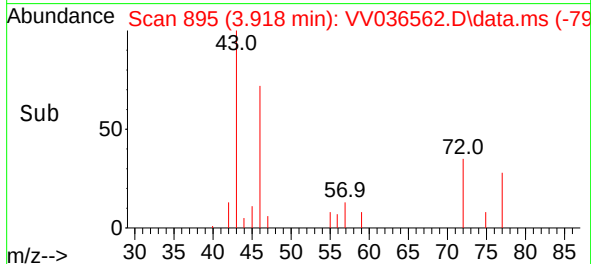
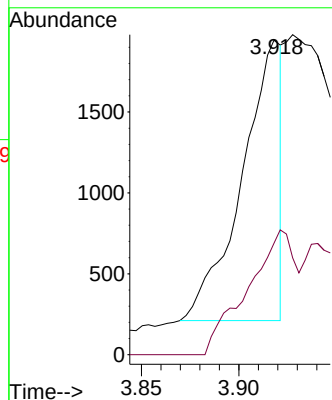
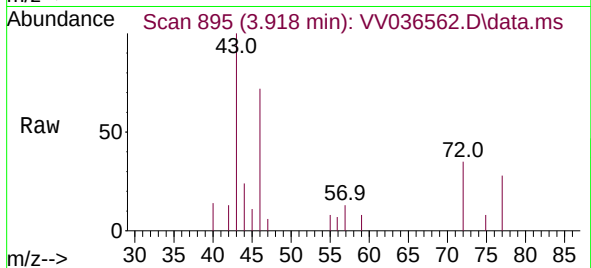
ClientSampleId :

Tgt Ion: 43 Resp: 2434

Ion Ratio Lower Upper

43 100

72 53.9 5.9 17.6#



#35

Methylcyclohexane

Concen: 8.349 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.058 min

Lab File: VV036562.D

Acq: 16 Jul 2024 12:52

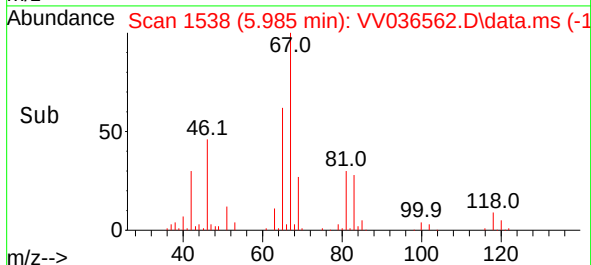
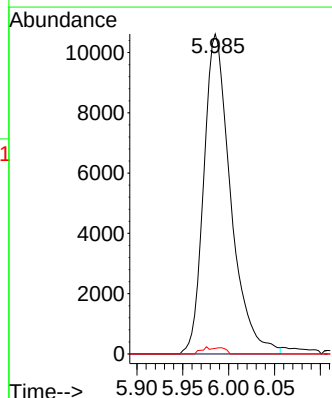
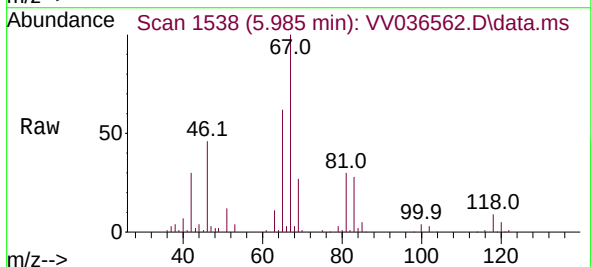
Tgt Ion: 83 Resp: 21642

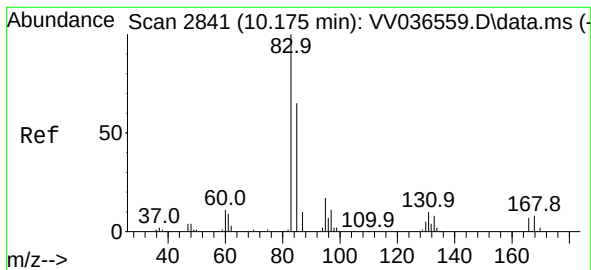
Ion Ratio Lower Upper

83 100

55 0.0 54.3 81.5#

98 1.0 41.7 62.5#





#57

1,1,2,2-Tetrachloroethane

Concen: 0.906 ug/L

RT: 10.172 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV036562.D

Acq: 16 Jul 2024 12:52

Instrument :

MSVOA_V

ClientSampleId :

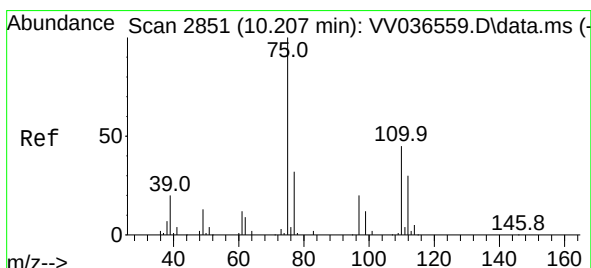
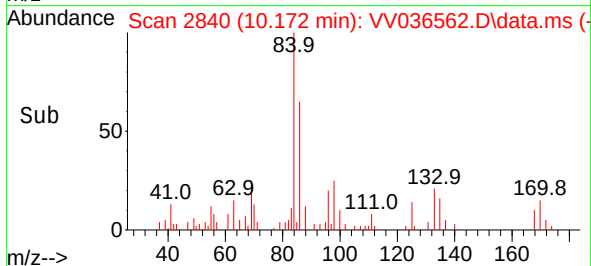
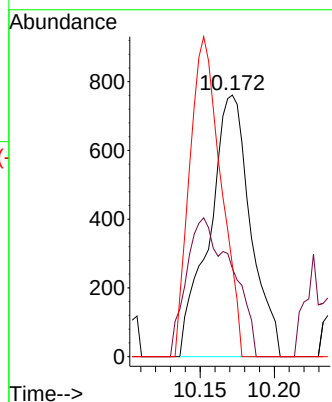
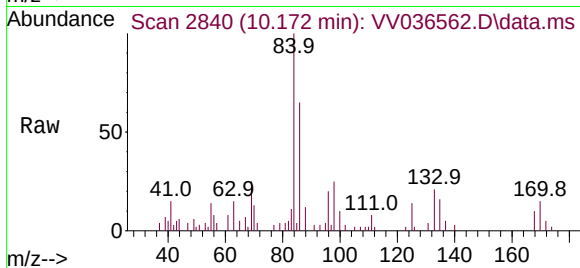
Tgt Ion: 83 Resp: 1469

Ion Ratio Lower Upper

83 100

85 33.8 45.0 83.6#

131 35.0 8.1 12.1#



#61

1,2,3-Trichloropropane

Concen: 6.291 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.981 min

Lab File: VV036562.D

Acq: 16 Jul 2024 12:52

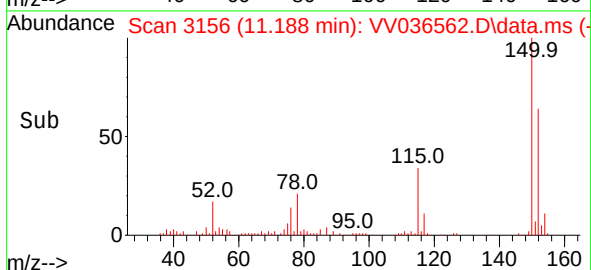
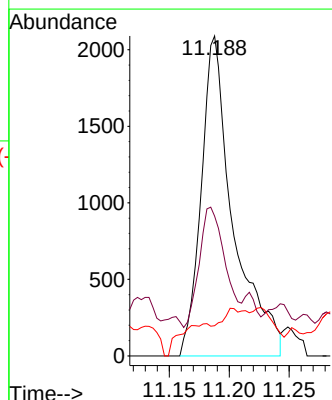
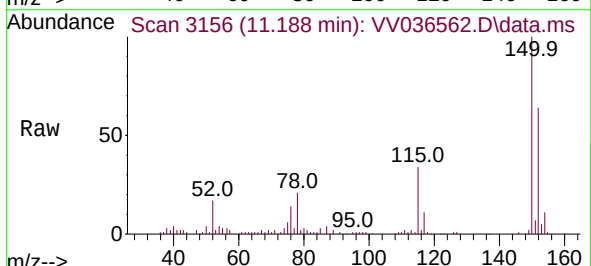
Tgt Ion: 75 Resp: 3897

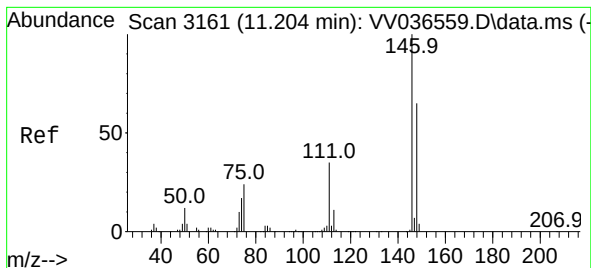
Ion Ratio Lower Upper

75 100

77 30.6 25.6 38.4

110 6.4 34.8 52.2#





#65

1,4-Dichlorobenzene

Concen: 1.200 ug/L

RT: 11.220 min Scan# 3166

Delta R.T. 0.016 min

Lab File: VV036562.D

Acq: 16 Jul 2024 12:52

Instrument :

MSVOA_V

ClientSampleId :

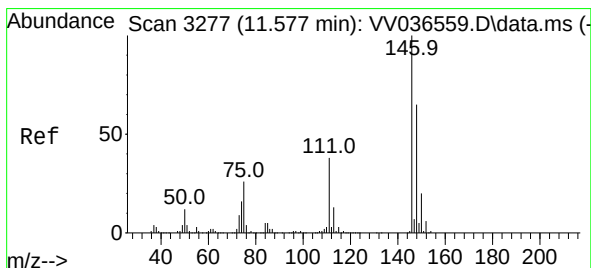
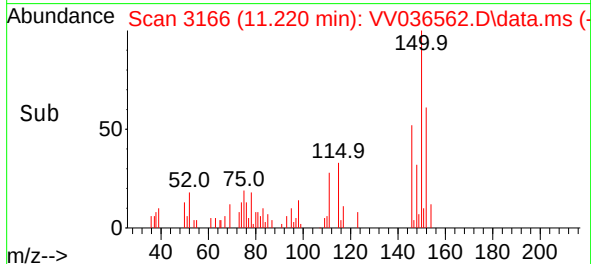
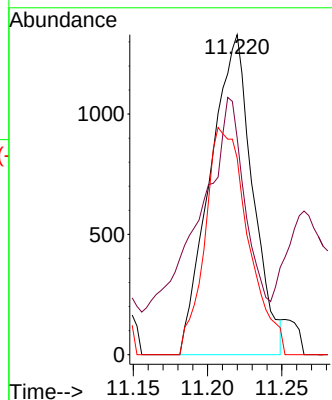
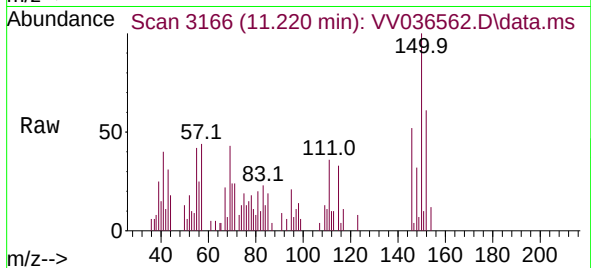
Tgt Ion:146 Resp: 2649

Ion Ratio Lower Upper

146 100

111 62.8 25.2 46.8#

148 57.0 45.2 84.0



#67

1,2-Dichlorobenzene

Concen: 0.504 ug/L

RT: 11.586 min Scan# 3280

Delta R.T. 0.010 min

Lab File: VV036562.D

Acq: 16 Jul 2024 12:52

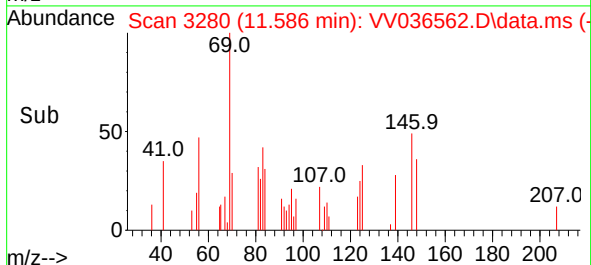
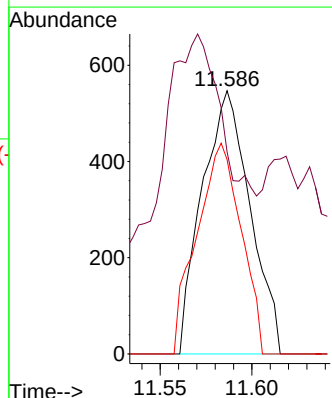
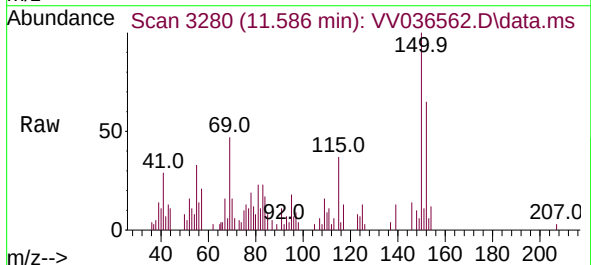
Tgt Ion:146 Resp: 996

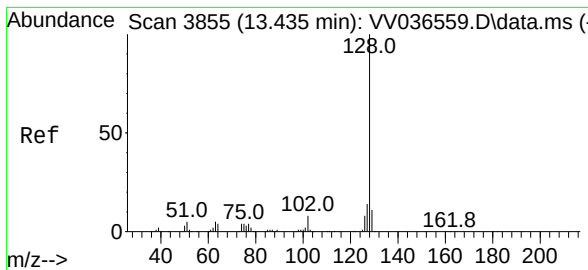
Ion Ratio Lower Upper

146 100

111 76.8 30.8 46.2#

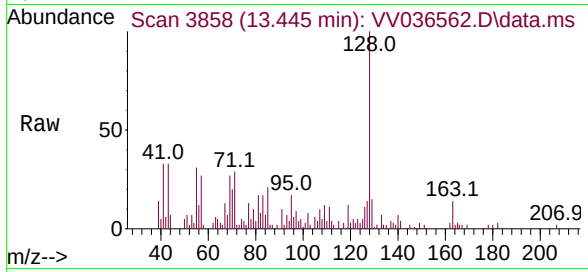
148 73.9 51.3 76.9





#71
Naphthalene
Concen: 8.095 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.010 min
Lab File: VV036562.D
Acq: 16 Jul 2024 12:52

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	15395
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.8	16.2
129	9.4	8.6	13.0

