

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071624\
 Data File : VV036565.D
 Acq On : 16 Jul 2024 14:26
 Operator : SY/MD
 Sample : P3238-06
 Misc : 5.69g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 17 02:27:56 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)

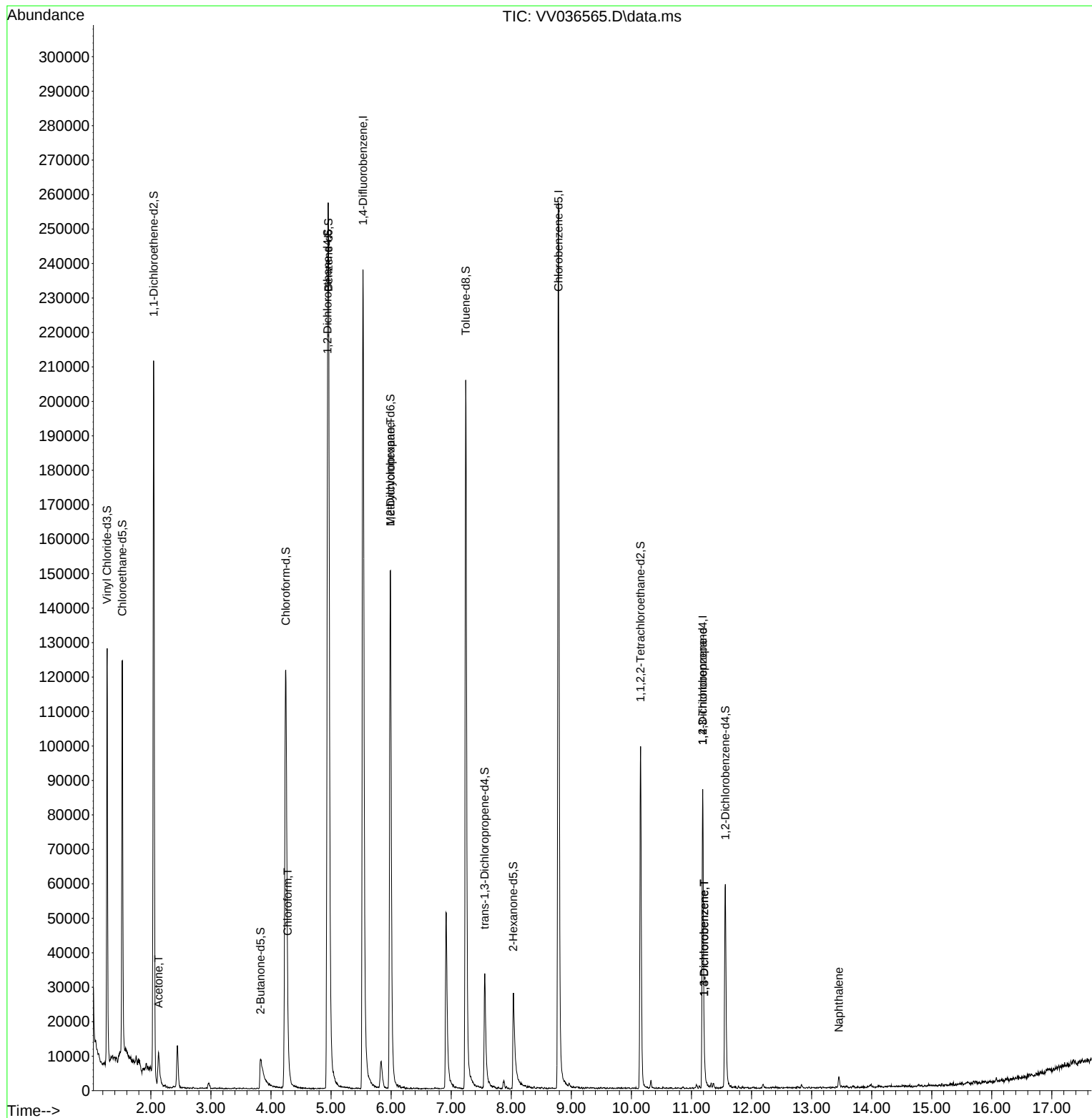
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	223265	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	160056	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	25775	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	81322	25.424	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.680%
7) Chloroethane-d5	1.523	69	75762	27.091	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.360%
11) 1,1-Dichloroethene-d2	2.047	65	31913	19.429	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.720%
21) 2-Butanone-d5	3.825	46	3934	7.186	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	14.380%#
24) Chloroform-d	4.246	84	137803	21.204	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	4.941	65	76009	23.581	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.320%
32) Benzene-d6	4.957	84	236440	29.611	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.440%
36) 1,2-Dichloropropane-d6	5.989	67	73898	31.053	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.200%#
41) Toluene-d8	7.243	98	151867	20.613	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.440%
43) trans-1,3-Dichloroprop...	7.558	79	22274	22.512	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.040%
47) 2-Hexanone-d5	8.034	63	9200	34.808	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.620%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	48537	24.217	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.880%
66) 1,2-Dichlorobenzene-d4	11.564	152	17602	20.123	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.480%
Target Compounds						
					Qvalue	
13) Acetone	2.127	43	14115	18.236	ug/L #	53
25) Chloroform	4.278	83	4358	0.677	ug/L	89
35) Methylcyclohexane	5.989	83	20293	7.055	ug/L #	21
61) 1,2,3-Trichloropropane	11.188	75	2834	6.180	ug/L #	54
64) 1,3-Dichlorobenzene	11.214	146	909	0.597	ug/L #	64
65) 1,4-Dichlorobenzene	11.214	146	909	0.556	ug/L #	64
71) Naphthalene	13.455	128	2884	2.048	ug/L #	84

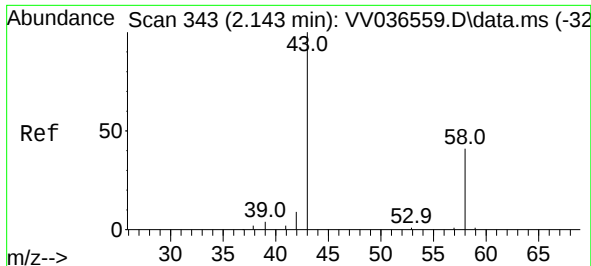
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071624\
Data File : VV036565.D
Acq On : 16 Jul 2024 14:26
Operator : SY/MD
Sample : P3238-06
Misc : 5.69g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jul 17 02:27:56 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





#13

Acetone

Concen: 18.236 ug/L

RT: 2.127 min Scan# 343

Delta R.T. -0.016 min

Lab File: VV036565.D

Acq: 16 Jul 2024 14:26

Instrument :

MSVOA_V

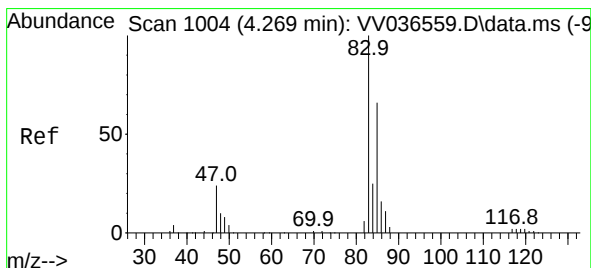
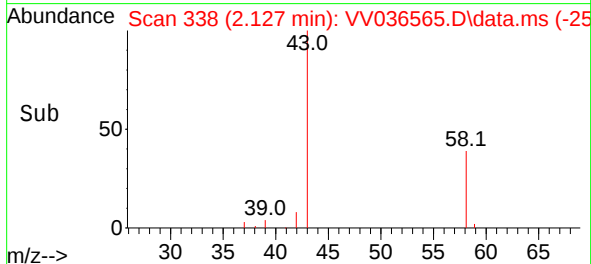
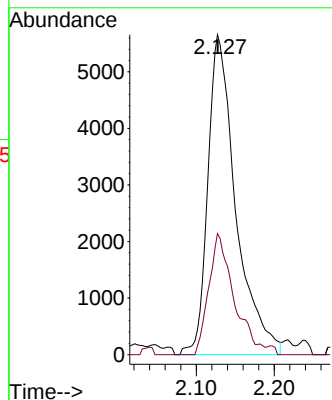
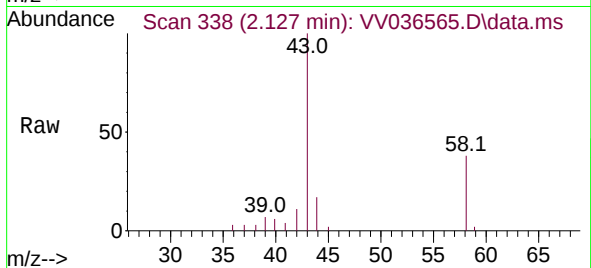
ClientSampleId :

Tgt Ion: 43 Resp: 14115

Ion Ratio Lower Upper

43 100

58 33.4 0.0 28.4#



#25

Chloroform

Concen: 0.677 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. 0.010 min

Lab File: VV036565.D

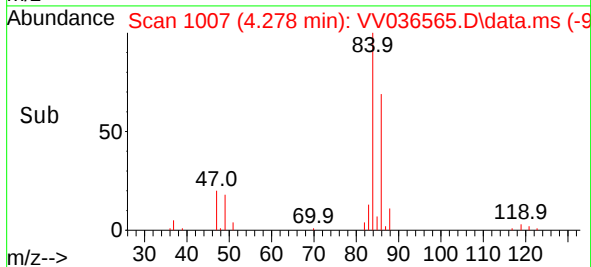
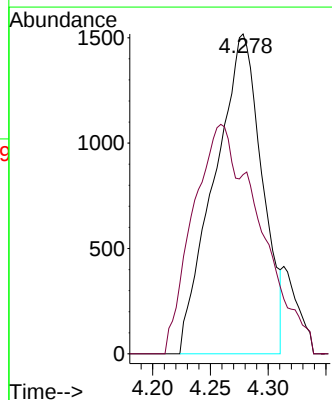
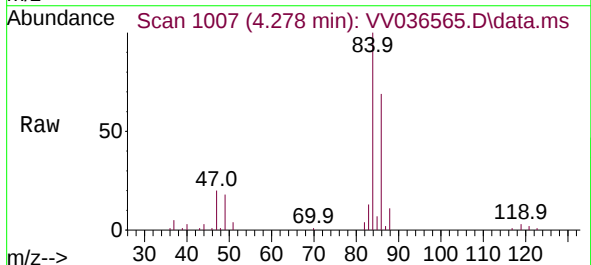
Acq: 16 Jul 2024 14:26

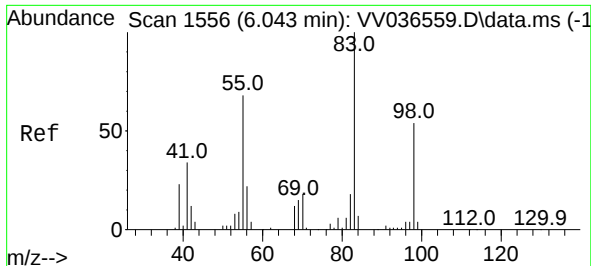
Tgt Ion: 83 Resp: 4358

Ion Ratio Lower Upper

83 100

85 56.1 45.6 84.6





#35

Methylcyclohexane

Concen: 7.055 ug/L

RT: 5.989 min Scan# 1

Delta R.T. -0.055 min

Lab File: VV036565.D

Acq: 16 Jul 2024 14:26

Instrument :

MSVOA_V

ClientSampleId :

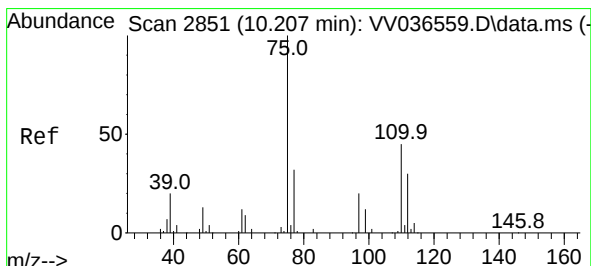
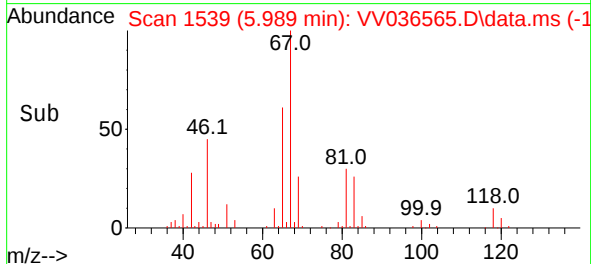
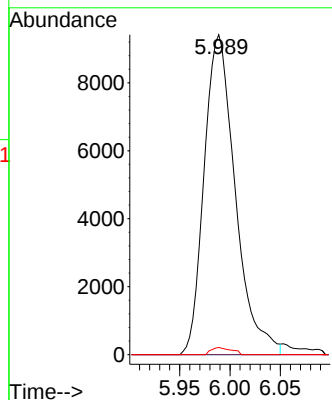
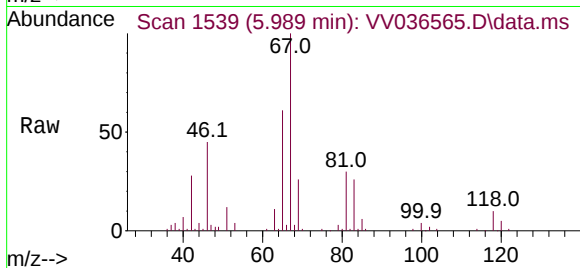
Tgt Ion: 83 Resp: 20293

Ion Ratio Lower Upper

83 100

55 0.0 54.3 81.5#

98 1.5 41.7 62.5#



#61

1,2,3-Trichloropropane

Concen: 6.180 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.981 min

Lab File: VV036565.D

Acq: 16 Jul 2024 14:26

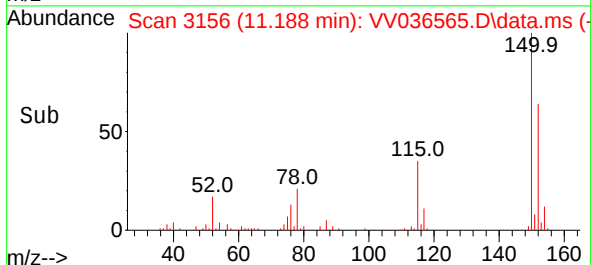
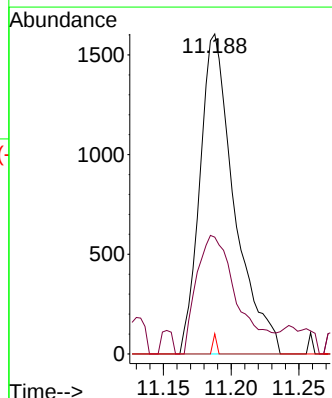
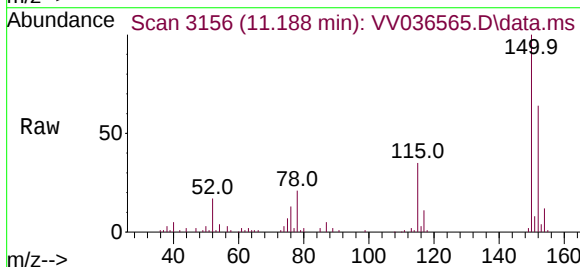
Tgt Ion: 75 Resp: 2834

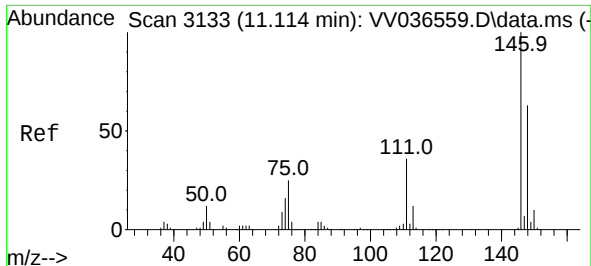
Ion Ratio Lower Upper

75 100

77 41.2 25.6 38.4#

110 0.0 34.8 52.2#





#64

1,3-Dichlorobenzene

Concen: 0.597 ug/L

RT: 11.214 min Scan# 3164

Delta R.T. 0.100 min

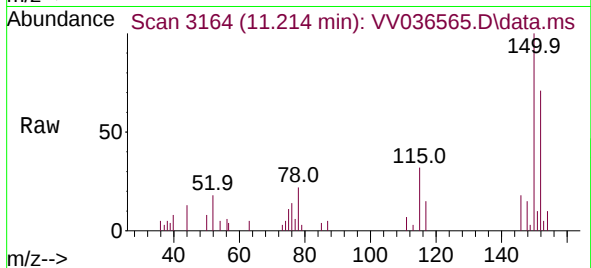
Lab File: VV036565.D

Acq: 16 Jul 2024 14:26

Instrument :

MSVOA_V

ClientSampleId :



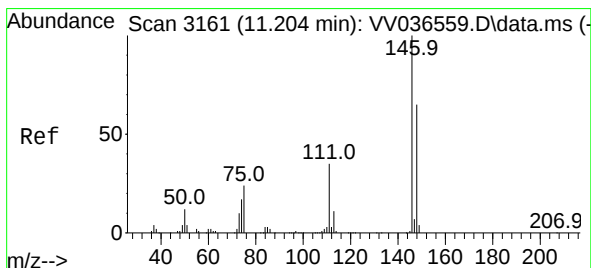
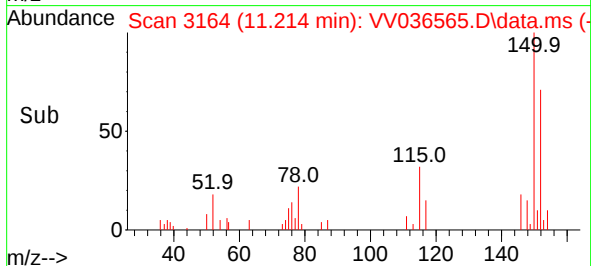
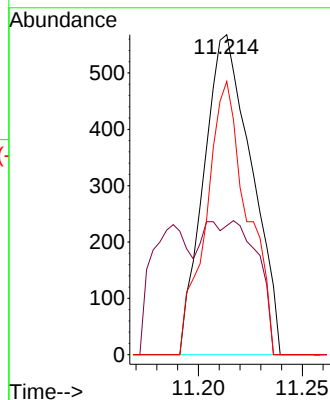
Tgt Ion:146 Resp: 909

Ion Ratio Lower Upper

146 100

111 40.3 25.8 47.8

148 105.3 44.4 82.4#



#65

1,4-Dichlorobenzene

Concen: 0.556 ug/L

RT: 11.214 min Scan# 3164

Delta R.T. 0.010 min

Lab File: VV036565.D

Acq: 16 Jul 2024 14:26

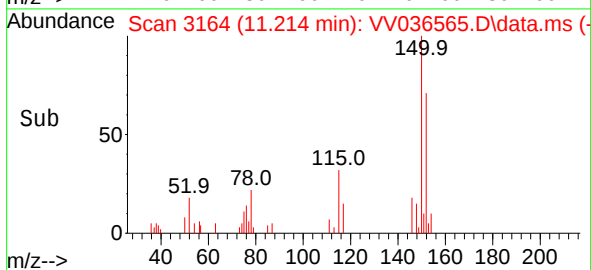
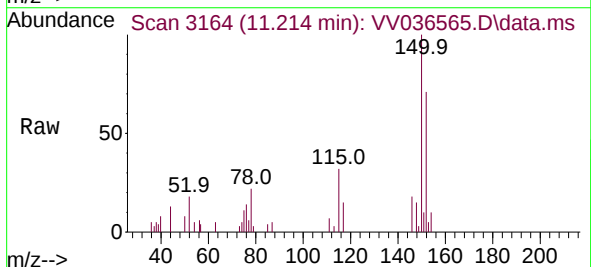
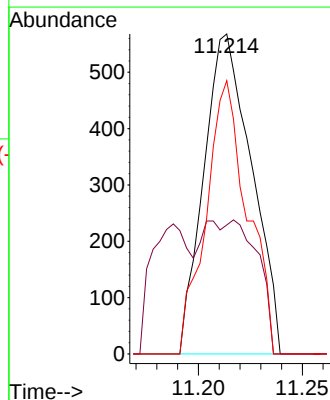
Tgt Ion:146 Resp: 909

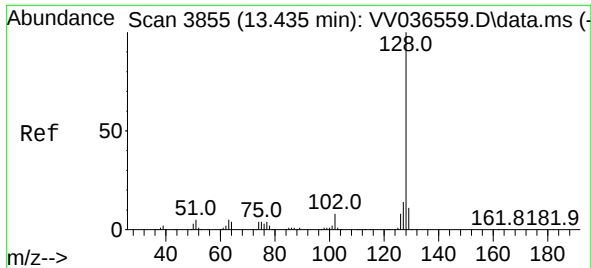
Ion Ratio Lower Upper

146 100

111 40.3 25.2 46.8

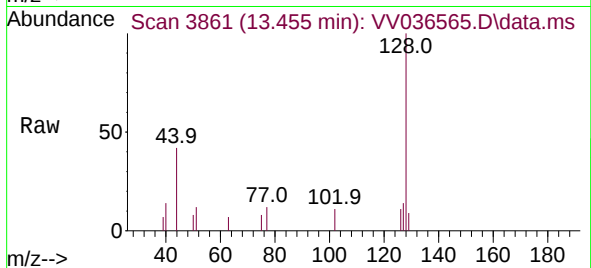
148 105.3 45.2 84.0#





#71
Naphthalene
Concen: 2.048 ug/L
RT: 13.455 min Scan# 3861
Delta R.T. 0.019 min
Lab File: VV036565.D
Acq: 16 Jul 2024 14:26

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	2884
Ion	Ratio	Lower	Upper
128	100		
127	6.4	10.8	16.2#
129	5.8	8.6	13.0#

