

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
 Data File : VV036538.D
 Acq On : 15 Jul 2024 19:17
 Operator : SY/MD
 Sample : P3238-04
 Misc : 5.75g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 16 01:31:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 16 01:25:30 2024
 Response via : Initial Calibration

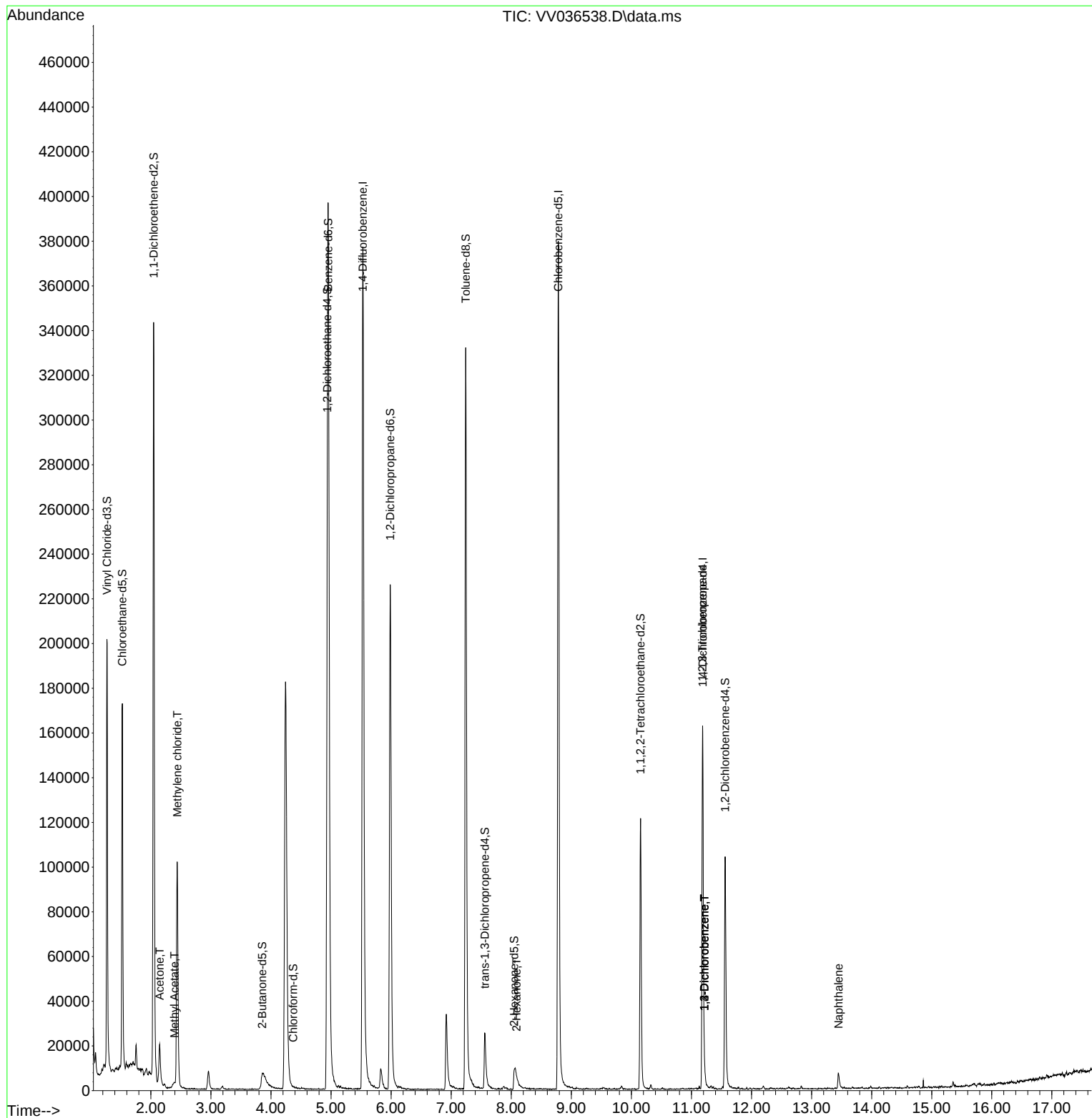
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	353503	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	231746	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	47853	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.269	65	129142	25.499	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 102.000%		
7) Chloroethane-d5	1.523	69	109453	24.719	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 98.880%		
11) 1,1-Dichloroethene-d2	2.047	65	53660	20.633	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 82.520%		
21) 2-Butanone-d5	3.854	46	7722	8.908	ug/L	0.01
Spiked Amount	50.000	Range 20 - 135	Recovery	= 17.820%#		
24) Chloroform-d	4.371	84	123	0.012	ug/L	0.13
Spiked Amount	25.000	Range 40 - 150	Recovery	= 0.040%#		
26) 1,2-Dichloroethane-d4	4.937	65	110356	21.623	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 86.480%		
32) Benzene-d6	4.953	84	364982	31.569	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 126.280%		
36) 1,2-Dichloropropane-d6	5.985	67	110600	32.099	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 128.400%#		
41) Toluene-d8	7.243	98	238231	22.332	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 89.320%		
43) trans-1,3-Dichloroprop...	7.561	79	17258	12.047	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 48.200%		
47) 2-Hexanone-d5	8.046	63	2649	6.922	ug/L	0.02
Spiked Amount	50.000	Range 20 - 135	Recovery	= 13.840%#		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	57000	19.642	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 78.560%		
66) 1,2-Dichlorobenzene-d4	11.561	152	30284	18.648	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 74.600%#		
Target Compounds						Qvalue
13) Acetone	2.146	43	10488	8.558	ug/L #	33
15) Methyl Acetate	2.391	43	1246	0.753	ug/L #	58
16) Methylene chloride	2.439	84	49226	6.773	ug/L	99
48) 2-Hexanone	8.088	43	2863	2.934	ug/L #	35
61) 1,2,3-Trichloropropane	11.185	75	4998	5.870	ug/L #	59
64) 1,3-Dichlorobenzene	11.217	146	1954	0.691	ug/L	82
65) 1,4-Dichlorobenzene	11.217	146	1954	0.644	ug/L #	82
67) 1,2-Dichlorobenzene	11.217	146	1954	0.719	ug/L #	81
71) Naphthalene	13.448	128	7080	2.709	ug/L	99

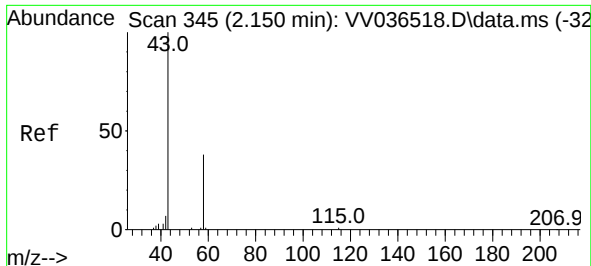
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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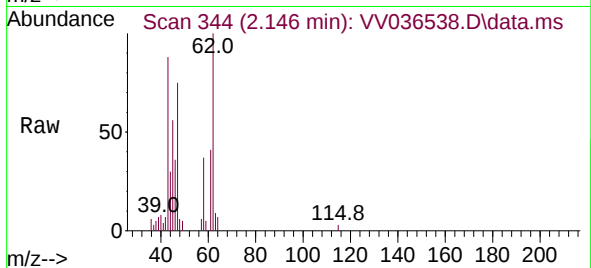
Quant Time: Jul 16 01:31:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 16 01:25:30 2024
Response via : Initial Calibration



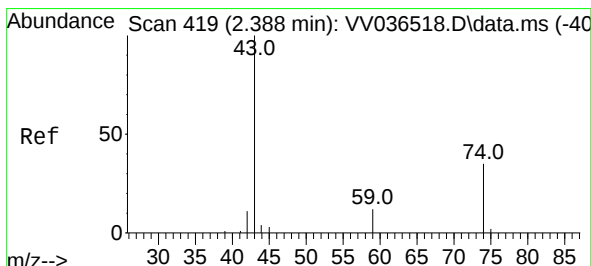
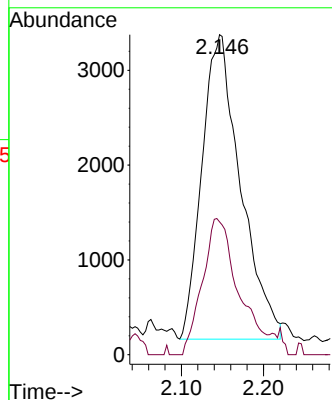
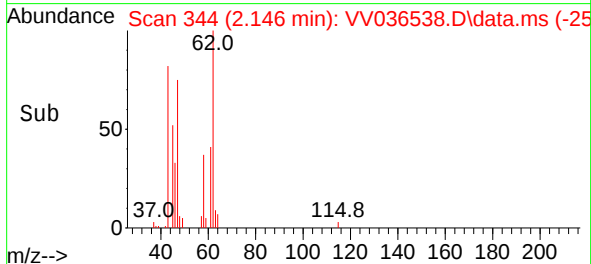


#13
Acetone
Concen: 8.558 ug/L
RT: 2.146 min Scan# 345
Delta R.T. -0.003 min
Lab File: VV036538.D
Acq: 15 Jul 2024 19:17

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MSVOA_V
ClientSampleId :

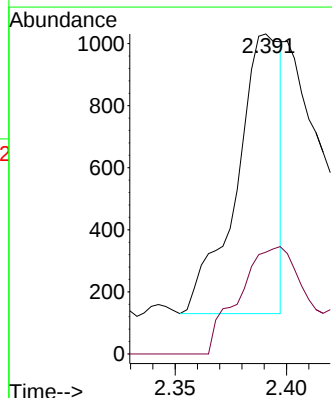
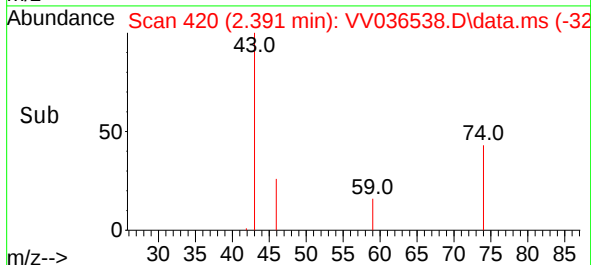
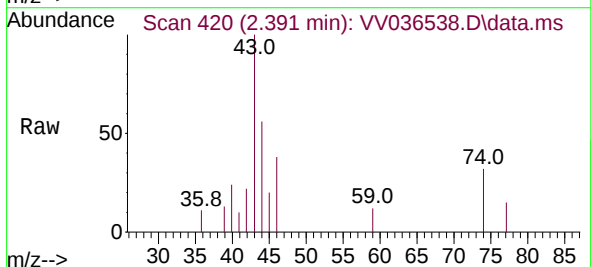


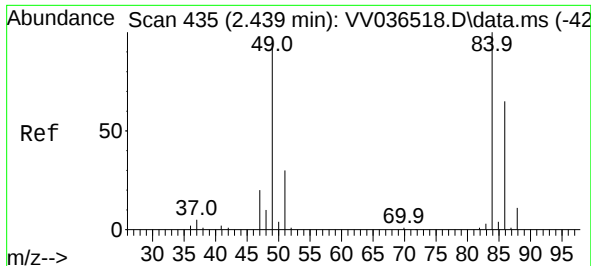
Tgt Ion: 43 Resp: 10488
Ion Ratio Lower Upper
43 100
58 41.6 0.0 28.4#



#15
Methyl Acetate
Concen: 0.753 ug/L
RT: 2.391 min Scan# 420
Delta R.T. 0.003 min
Lab File: VV036538.D
Acq: 15 Jul 2024 19:17

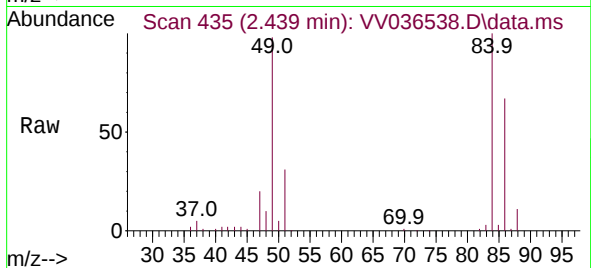
Tgt Ion: 43 Resp: 1246
Ion Ratio Lower Upper
43 100
74 56.6 26.3 39.5#



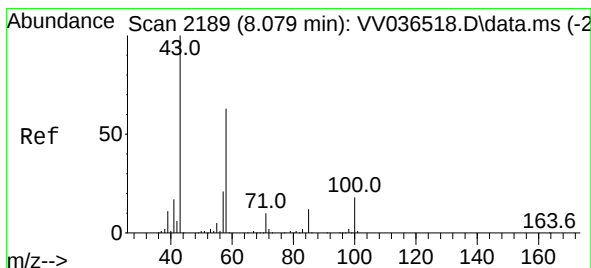
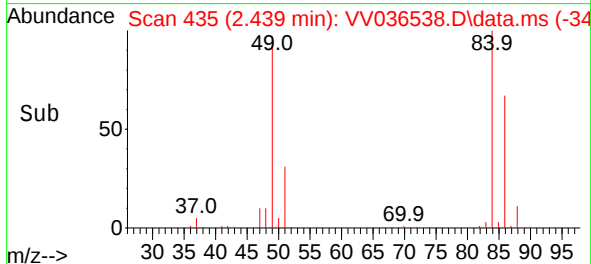
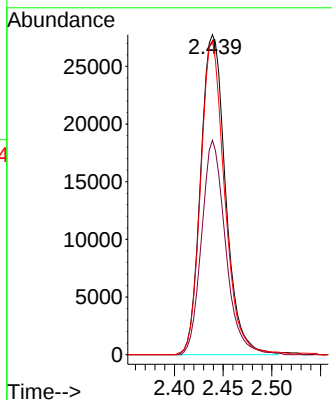


#16
Methylene chloride
Concen: 6.773 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV036538.D
Acq: 15 Jul 2024 19:17

Instrument :
MSVOA_V
ClientSampleId :

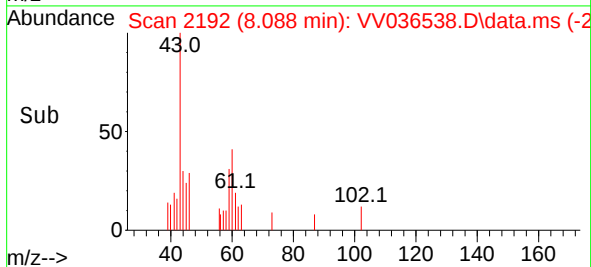
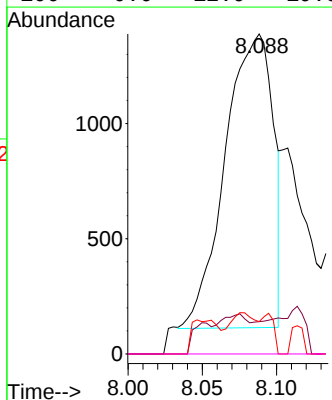
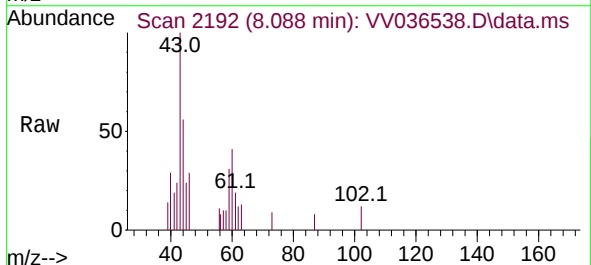


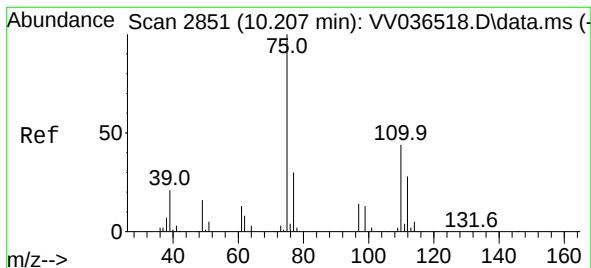
Tgt Ion: 84 Resp: 49226
Ion Ratio Lower Upper
84 100
86 67.0 46.3 86.1
49 98.1 68.1 126.5



#48
2-Hexanone
Concen: 2.934 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. 0.009 min
Lab File: VV036538.D
Acq: 15 Jul 2024 19:17

Tgt Ion: 43 Resp: 2863
Ion Ratio Lower Upper
43 100
58 0.0 49.5 74.3#
57 3.2 15.3 22.9#
100 0.0 12.9 19.3#





#61

1,2,3-Trichloropropane

Concen: 5.870 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.977 min

Lab File: VV036538.D

Acq: 15 Jul 2024 19:17

Instrument :

MSVOA_V

ClientSampleId :

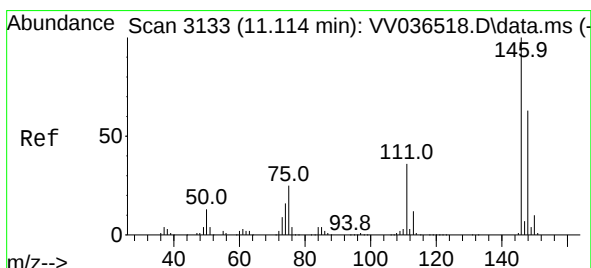
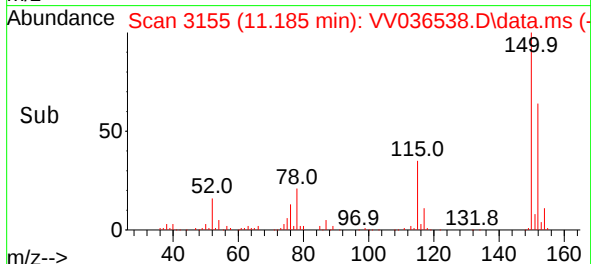
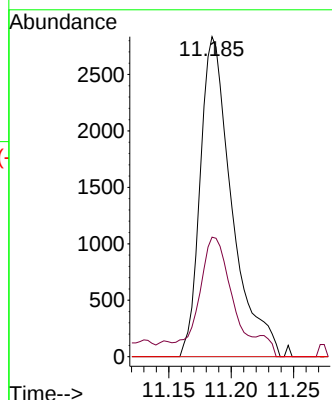
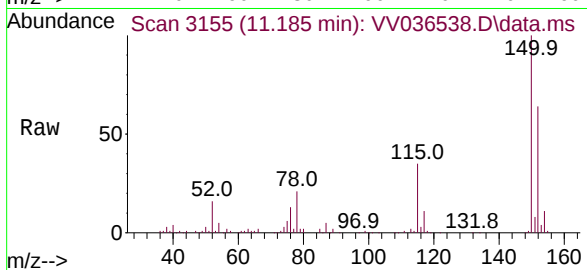
Tgt Ion: 75 Resp: 4998

Ion Ratio Lower Upper

75 100

77 29.2 25.6 38.4

110 0.0 34.8 52.2#



#64

1,3-Dichlorobenzene

Concen: 0.691 ug/L

RT: 11.217 min Scan# 3165

Delta R.T. 0.103 min

Lab File: VV036538.D

Acq: 15 Jul 2024 19:17

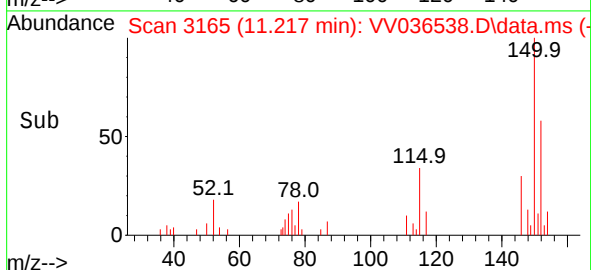
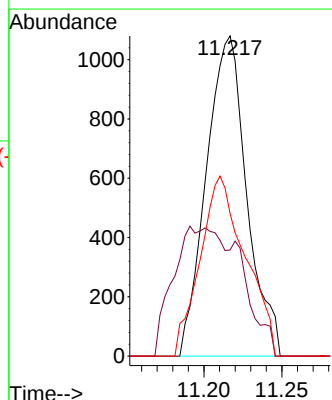
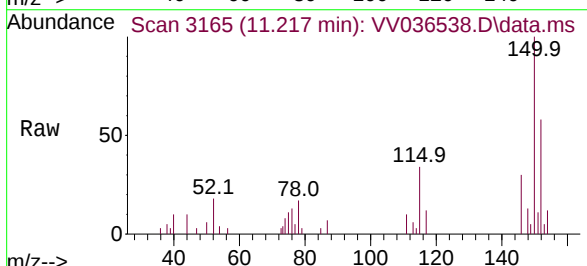
Tgt Ion:146 Resp: 1954

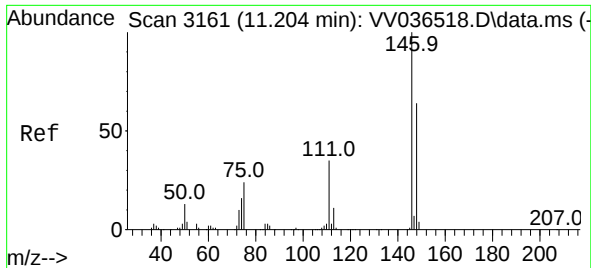
Ion Ratio Lower Upper

146 100

111 33.1 25.8 47.8

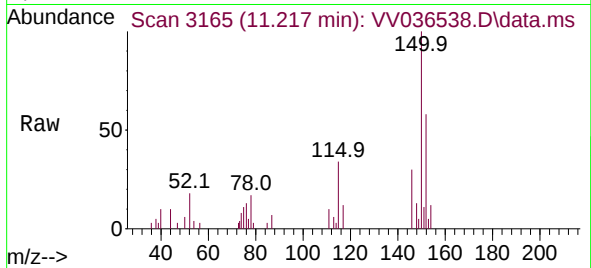
148 44.5 44.4 82.4



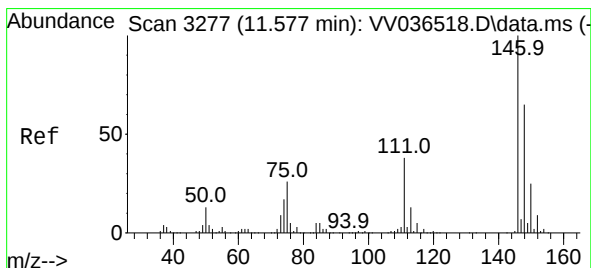
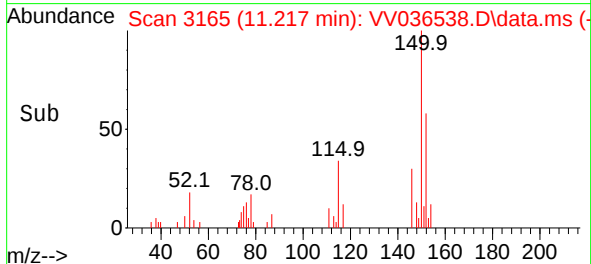
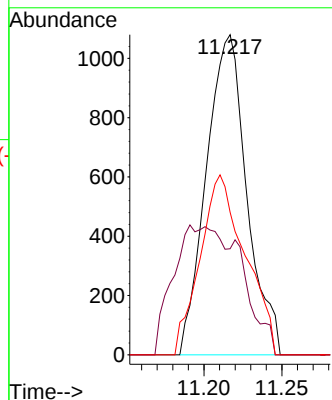


#65
1,4-Dichlorobenzene
Concen: 0.644 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.013 min
Lab File: VV036538.D
Acq: 15 Jul 2024 19:17

Instrument :
MSVOA_V
ClientSampleId :

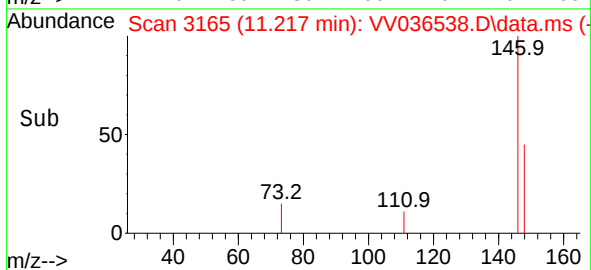
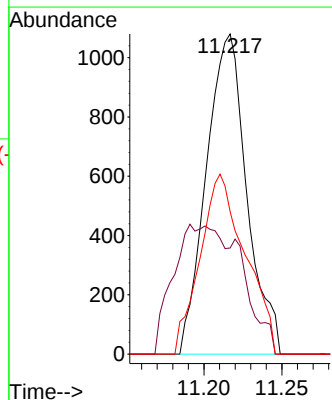
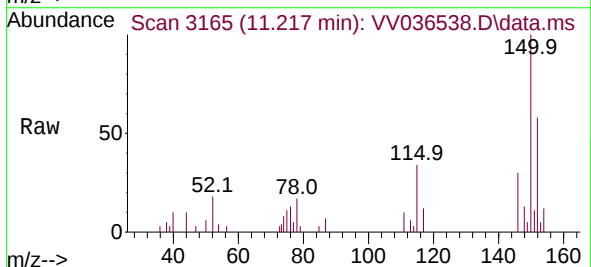


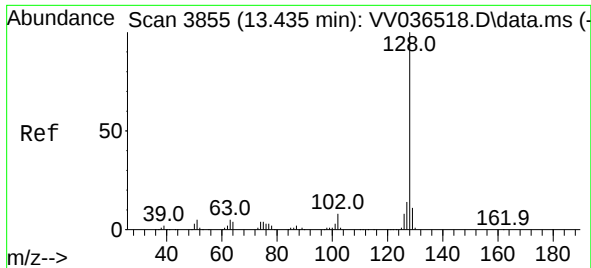
Tgt Ion:146 Resp: 1954
Ion Ratio Lower Upper
146 100
111 33.1 25.2 46.8
148 44.5 45.2 84.0#



#67
1,2-Dichlorobenzene
Concen: 0.719 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.360 min
Lab File: VV036538.D
Acq: 15 Jul 2024 19:17

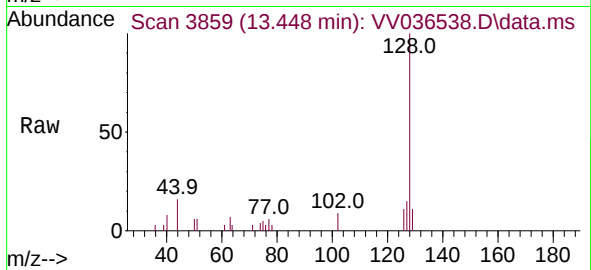
Tgt Ion:146 Resp: 1954
Ion Ratio Lower Upper
146 100
111 33.1 30.8 46.2
148 44.5 51.3 76.9#





#71
Naphthalene
Concen: 2.709 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.013 min
Lab File: VV036538.D
Acq: 15 Jul 2024 19:17

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	7080
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.8	16.2
129	10.3	8.6	13.0

