

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123124\
 Data File : VN085366.D
 Acq On : 31 Dec 2024 12:06
 Operator : JC\MD
 Sample : P5386-02
 Misc : 1.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 01 02:04:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	128289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	232534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	202253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	83141	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	104395	57.054	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.100%	
35) Dibromofluoromethane	8.165	113	81127	55.924	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.840%	
50) Toluene-d8	10.565	98	283676	53.289	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.580%	
62) 4-Bromofluorobenzene	12.847	95	83826	47.415	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 94.820%	

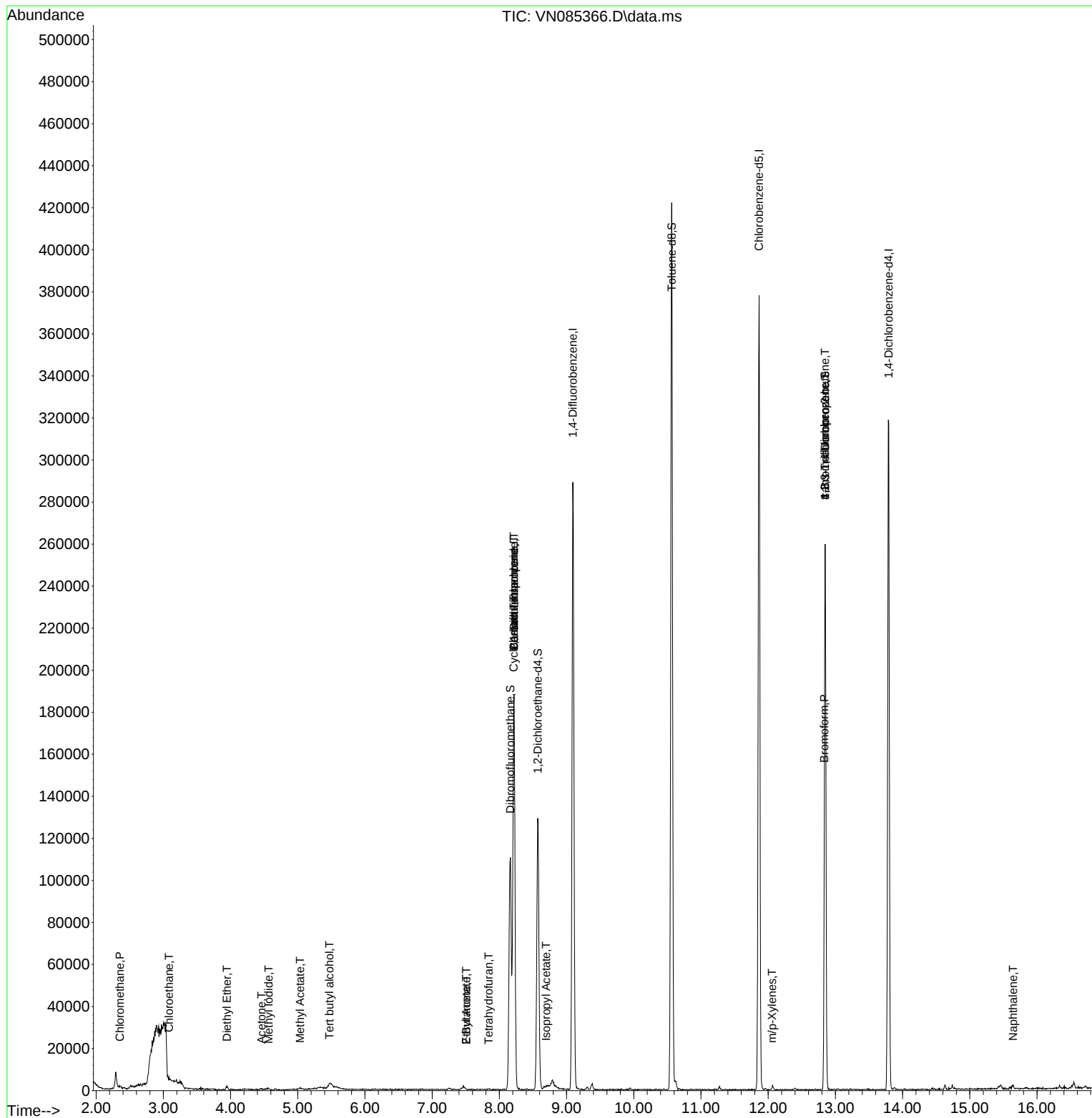
Target Compounds					Qvalue	
3) Chloromethane	2.353	50	727	0.373	ug/l	91
6) Chloroethane	3.083	64	349	0.267	ug/l #	45
8) Diethyl Ether	3.947	74	769	0.857	ug/l	87
10) Methyl Iodide	4.565	142	1113	0.623	ug/l #	86
11) Tert butyl alcohol	5.471	59	2619	11.430	ug/l #	73
16) Acetone	4.459	43	547	0.909	ug/l #	44
18) Methyl Acetate	5.036	43	1182	0.642	ug/l #	72
25) 2-Butanone	7.506	43	467	0.500	ug/l #	51
29) Tetrahydrofuran	7.841	42	292	0.486	ug/l #	50
31) Cyclohexane	8.212	56	3679	1.360	ug/l #	16
36) 1,1-Dichloropropene	8.218	75	12614	5.939	ug/l #	49
37) Ethyl Acetate	7.506	43	467	0.221	ug/l #	70
38) Carbon Tetrachloride	8.218	117	14356	6.201	ug/l #	16
43) Isopropyl Acetate	8.694	43	1544	0.444	ug/l #	55
68) m/p-Xylenes	12.059	106	687	0.258	ug/l	87
71) Bromoform	12.835	173	243	0.239	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	47498	30.593	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	47498	73.266	ug/l #	10
95) Naphthalene	15.647	128	2048	0.473	ug/l #	85

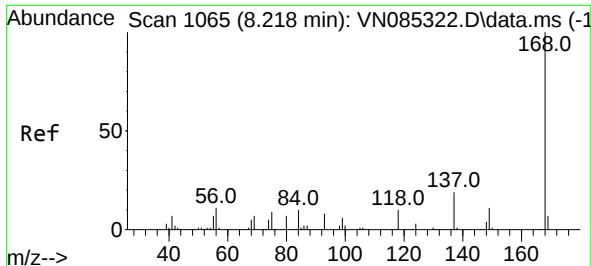
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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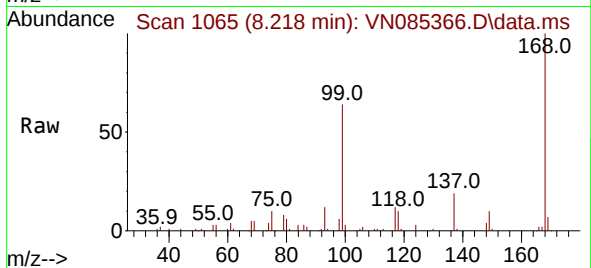
Quant Time: Jan 01 02:04:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
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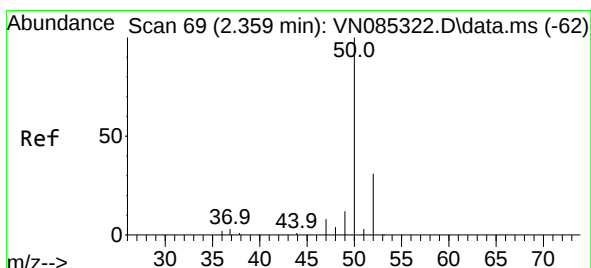
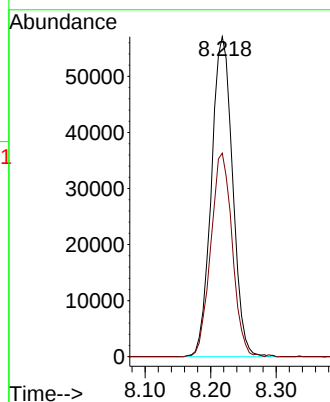
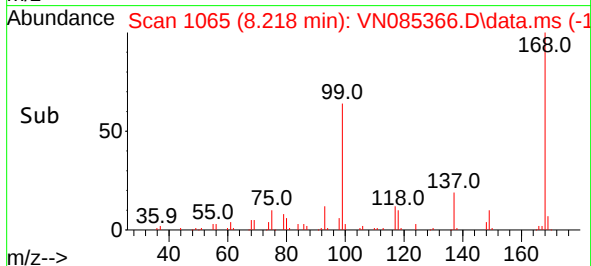


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085366.D
Acq: 31 Dec 2024 12:06

Instrument :
MSVOA_N
ClientSampleId :

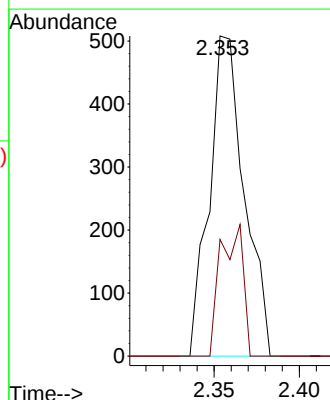
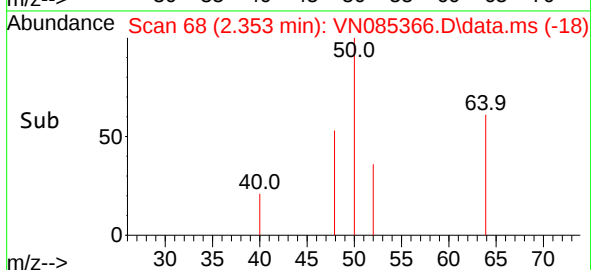
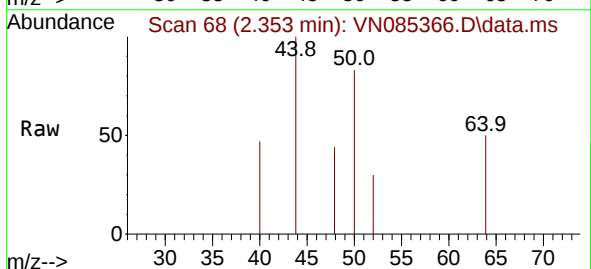


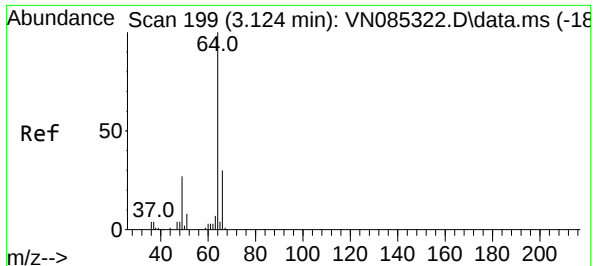
Tgt Ion:168 Resp: 128289
Ion Ratio Lower Upper
168 100
99 63.6 51.0 76.4



#3
Chloromethane
Concen: 0.373 ug/l
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN085366.D
Acq: 31 Dec 2024 12:06

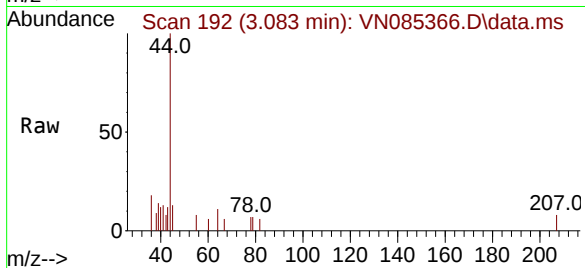
Tgt Ion: 50 Resp: 727
Ion Ratio Lower Upper
50 100
52 36.4 25.1 37.7



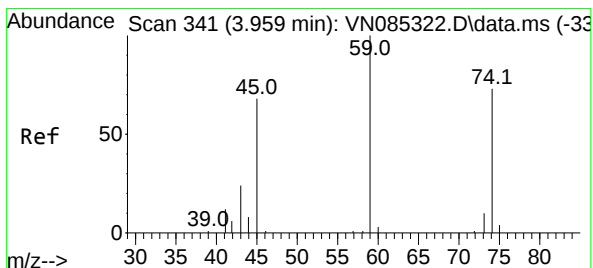
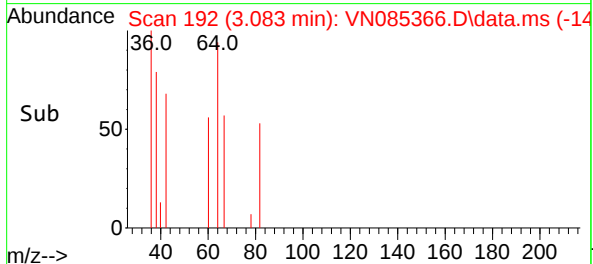
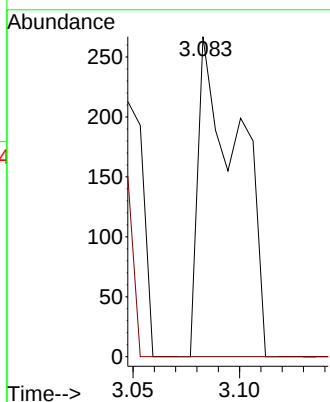


#6
Chloroethane
Concen: 0.267 ug/l
RT: 3.083 min Scan# 199
Delta R.T. -0.041 min
Lab File: VN085366.D
Acq: 31 Dec 2024 12:06

Instrument :
MSVOA_N
ClientSampleId :

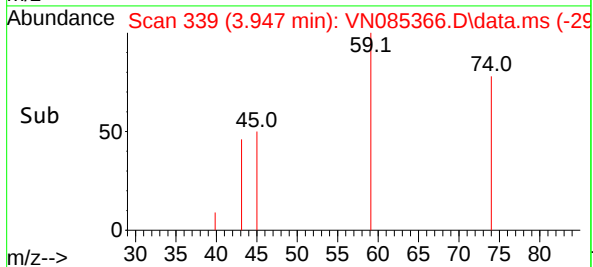
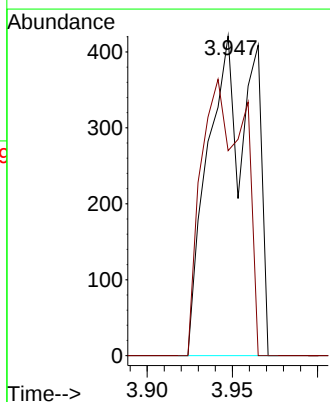
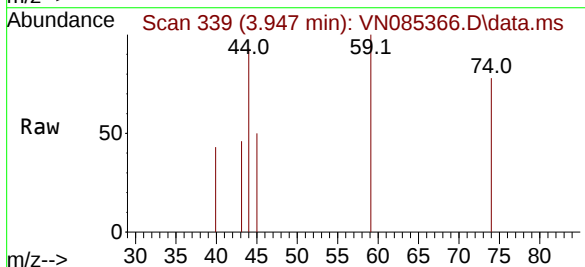


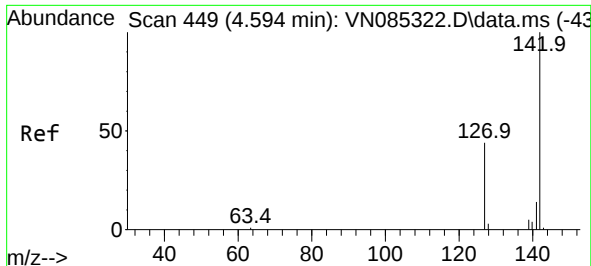
Tgt Ion: 64 Resp: 349
Ion Ratio Lower Upper
64 100
66 0.0 24.1 36.1#



#8
Diethyl Ether
Concen: 0.857 ug/l
RT: 3.947 min Scan# 339
Delta R.T. -0.012 min
Lab File: VN085366.D
Acq: 31 Dec 2024 12:06

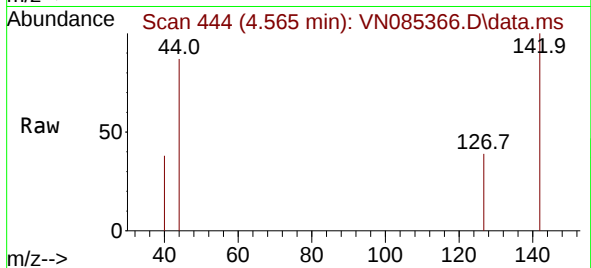
Tgt Ion: 74 Resp: 769
Ion Ratio Lower Upper
74 100
45 82.3 47.5 142.6



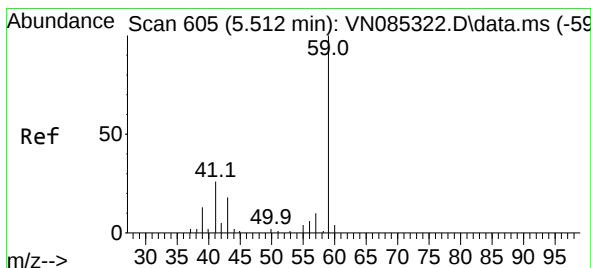
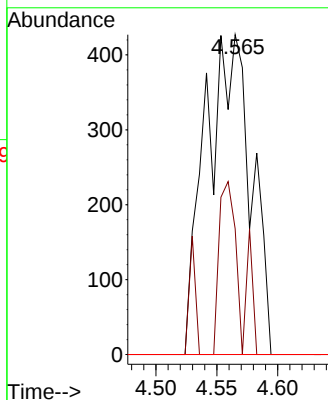
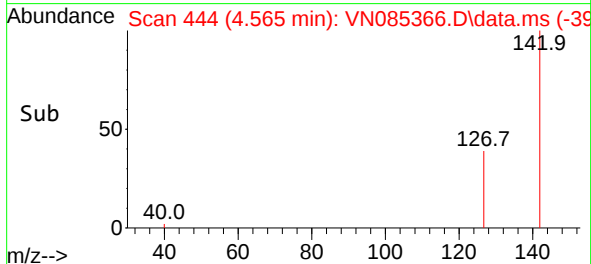


#10
Methyl Iodide
Concen: 0.623 ug/l
RT: 4.565 min Scan# 44
Delta R.T. -0.029 min
Lab File: VN085366.D
Acq: 31 Dec 2024 12:06

Instrument :
MSVOA_N
ClientSampleId :

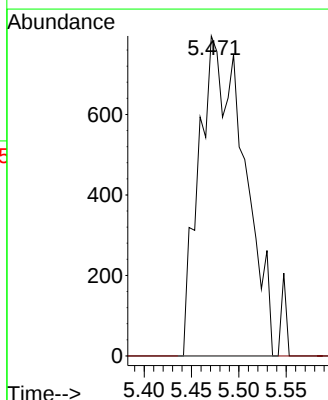
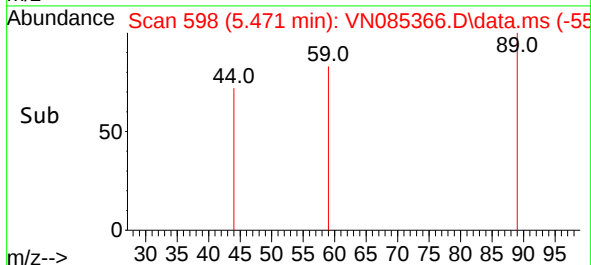
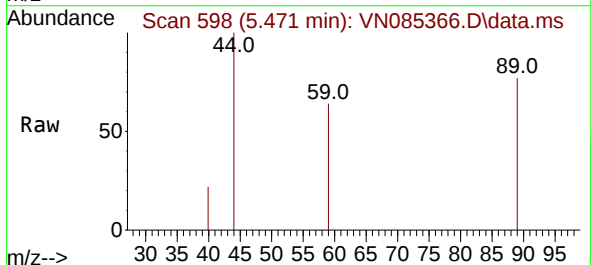


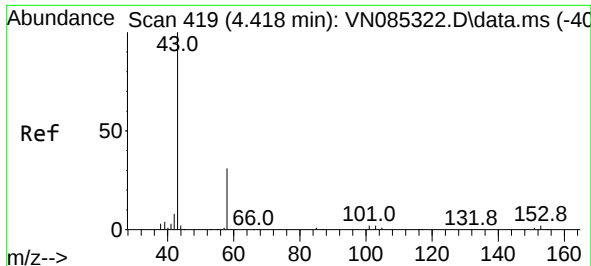
Tgt Ion:142 Resp: 1113
Ion Ratio Lower Upper
142 100
127 39.3 35.3 52.9
141 0.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: 11.430 ug/l
RT: 5.471 min Scan# 598
Delta R.T. -0.041 min
Lab File: VN085366.D
Acq: 31 Dec 2024 12:06

Tgt Ion: 59 Resp: 2619
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

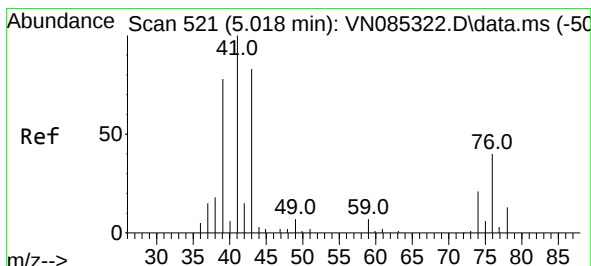
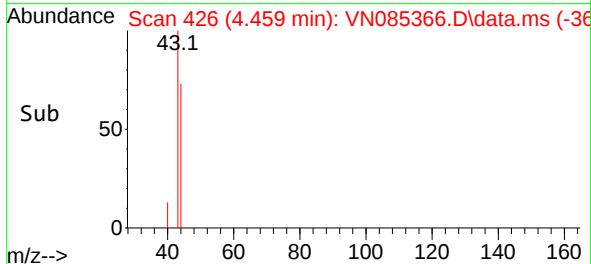
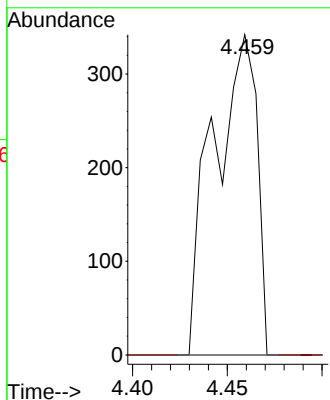
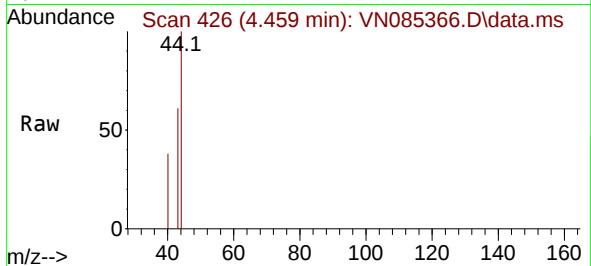




#16
Acetone
Concen: 0.909 ug/l
RT: 4.459 min Scan# 41
Delta R.T. 0.041 min
Lab File: VN085366.D
Acq: 31 Dec 2024 12:06

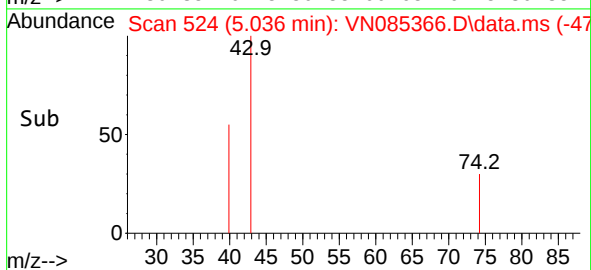
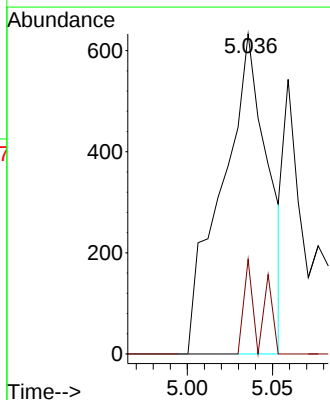
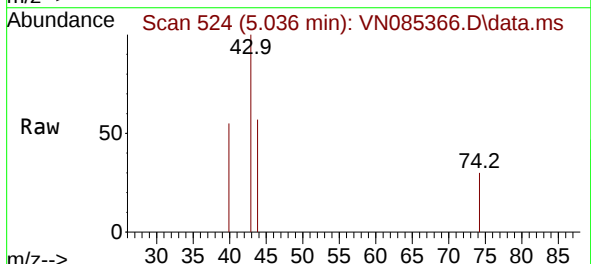
Instrument :
MSVOA_N
ClientSampleId :

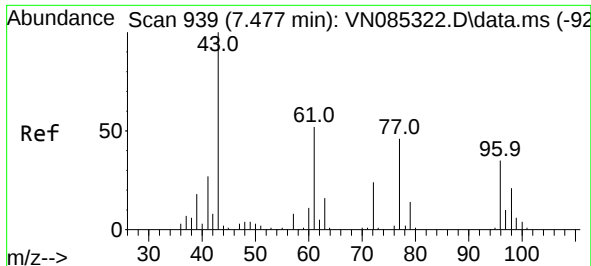
Tgt Ion: 43 Resp: 547
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



#18
Methyl Acetate
Concen: 0.642 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN085366.D
Acq: 31 Dec 2024 12:06

Tgt Ion: 43 Resp: 1182
Ion Ratio Lower Upper
43 100
74 10.2 19.0 28.6#





#25

2-Butanone

Concen: 0.500 ug/l

RT: 7.506 min Scan# 944

Delta R.T. 0.029 min

Lab File: VN085366.D

Acq: 31 Dec 2024 12:06

Instrument :

MSVOA_N

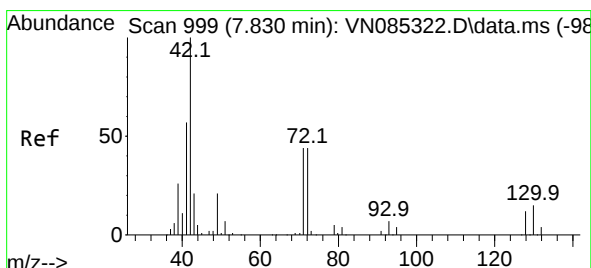
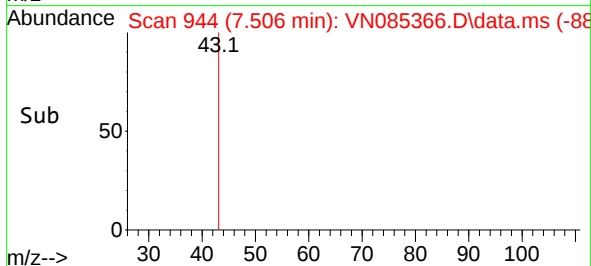
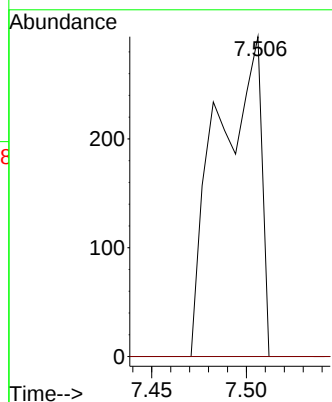
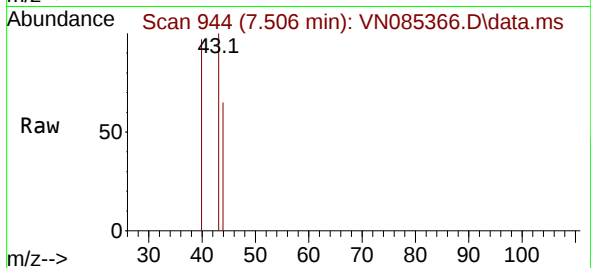
ClientSampleId :

Tgt Ion: 43 Resp: 467

Ion Ratio Lower Upper

43 100

72 0.0 19.6 29.4#



#29

Tetrahydrofuran

Concen: 0.486 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.012 min

Lab File: VN085366.D

Acq: 31 Dec 2024 12:06

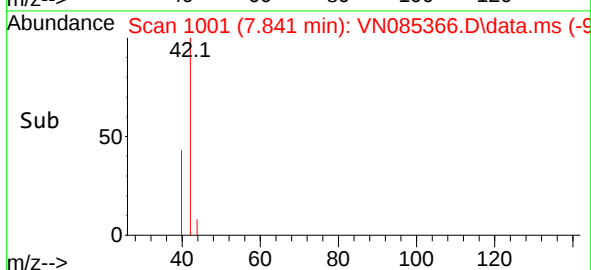
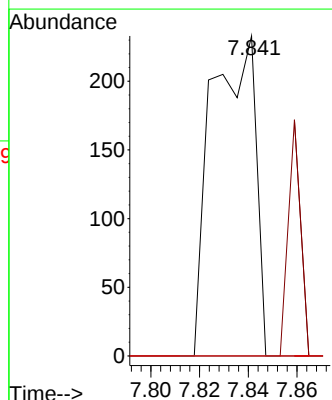
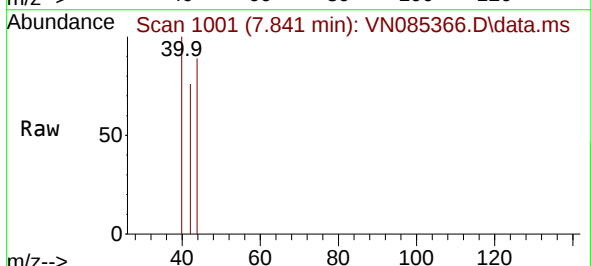
Tgt Ion: 42 Resp: 292

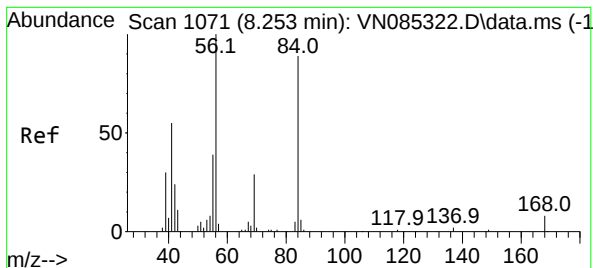
Ion Ratio Lower Upper

42 100

72 20.9 35.1 52.7#

71 0.0 33.4 50.0#





#31

Cyclohexane

Concen: 1.360 ug/l

RT: 8.212 min Scan# 1064

Delta R.T. -0.041 min

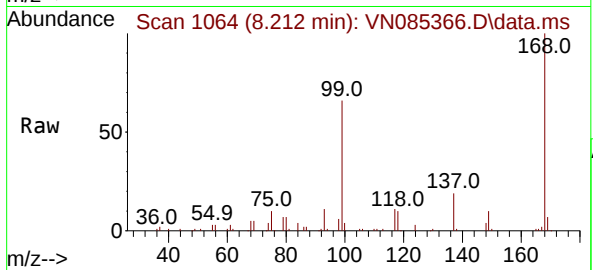
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Acq: 31 Dec 2024 12:06

Instrument :

MSVOA_N

ClientSampleId :



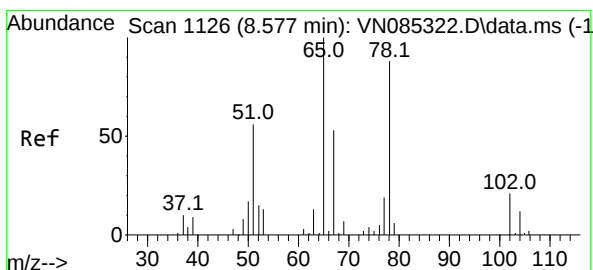
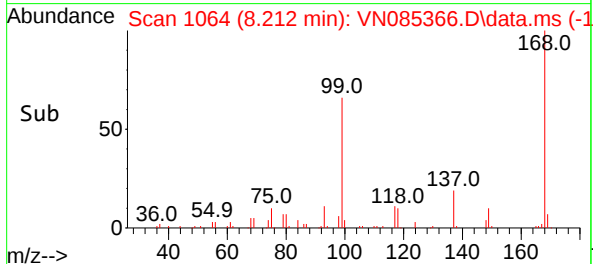
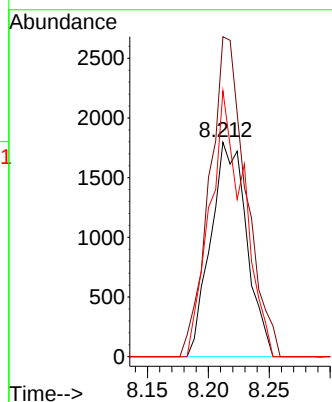
Tgt Ion: 56 Resp: 3679

Ion Ratio Lower Upper

56 100

69 149.2 23.4 35.0#

84 124.0 71.0 106.6#



#33

1,2-Dichloroethane-d4

Concen: 57.054 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VN085366.D

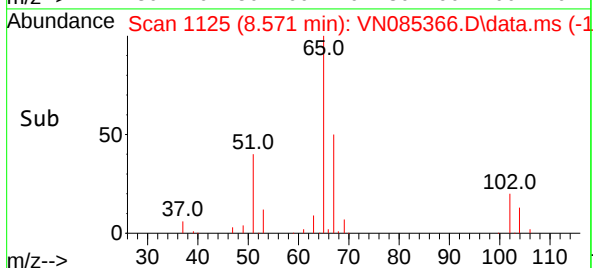
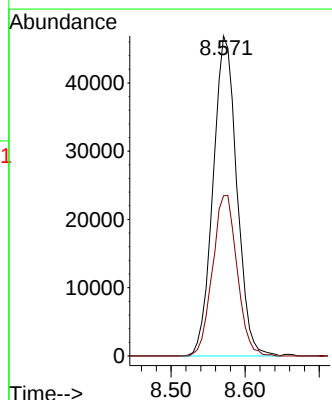
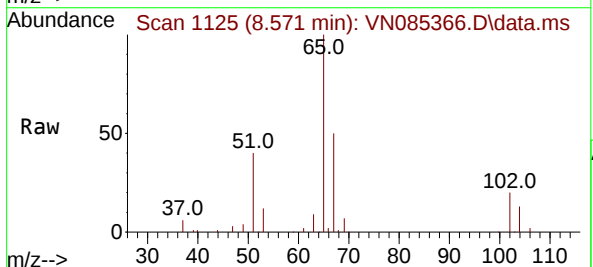
Acq: 31 Dec 2024 12:06

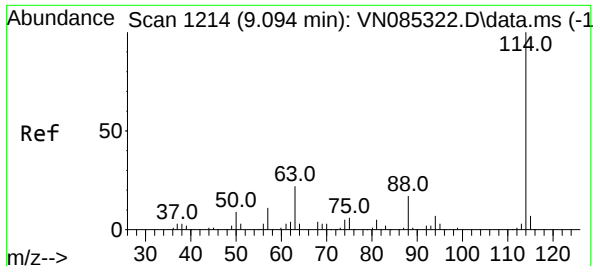
Tgt Ion: 65 Resp: 104395

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085366.D

Acq: 31 Dec 2024 12:06

Instrument :

MSVOA_N

ClientSampleId :

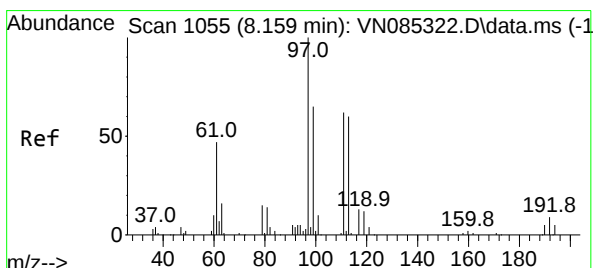
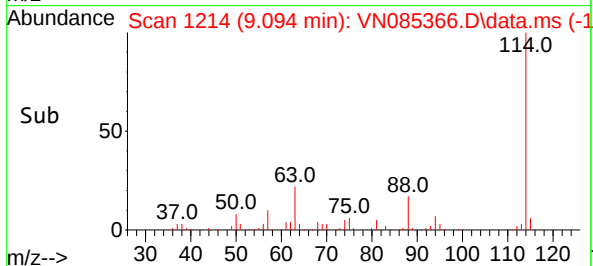
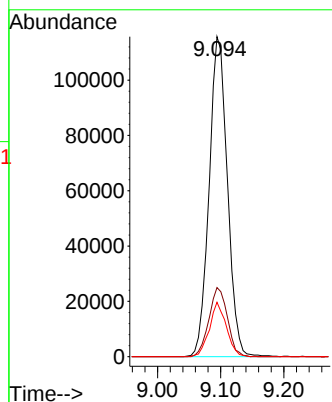
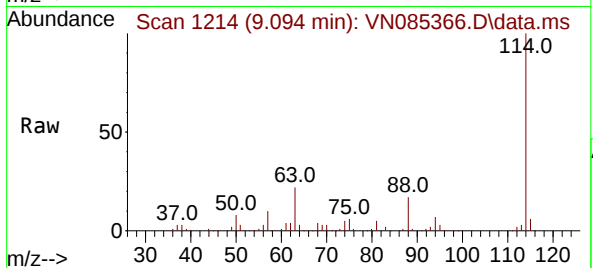
Tgt Ion:114 Resp: 232534

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.4

88 17.0 0.0 33.6



#35

Dibromofluoromethane

Concen: 55.924 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085366.D

Acq: 31 Dec 2024 12:06

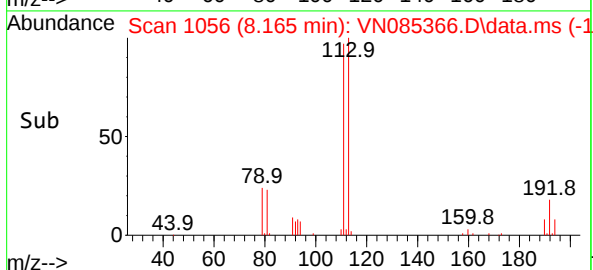
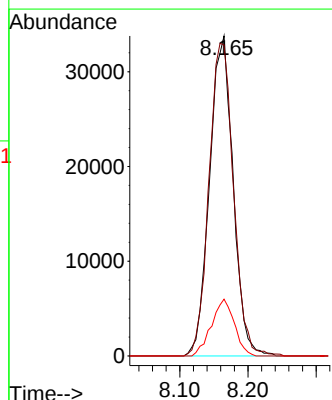
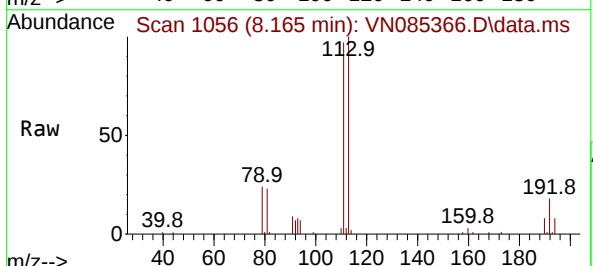
Tgt Ion:113 Resp: 81127

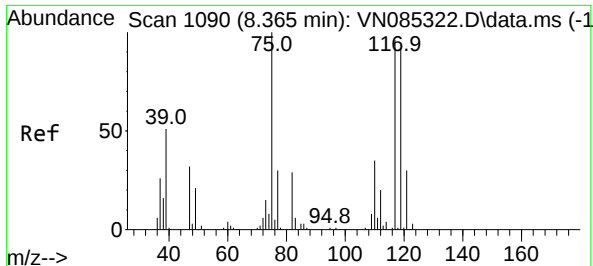
Ion Ratio Lower Upper

113 100

111 101.5 80.5 120.7

192 17.3 12.9 19.3





#36

1,1-Dichloropropene

Concen: 5.939 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

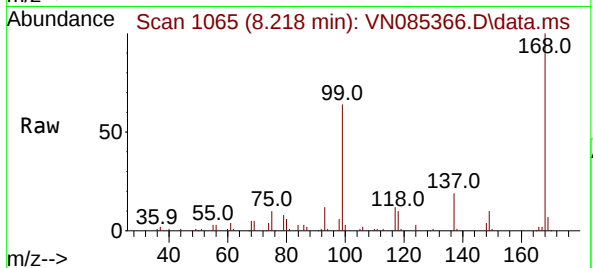
Lab File: VN085366.D

Acq: 31 Dec 2024 12:06

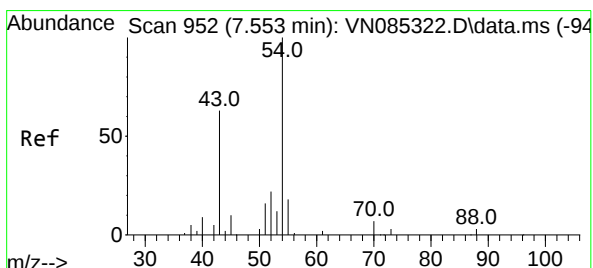
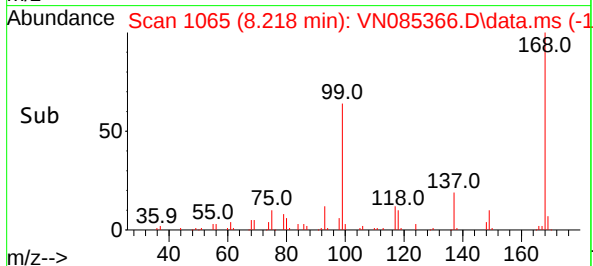
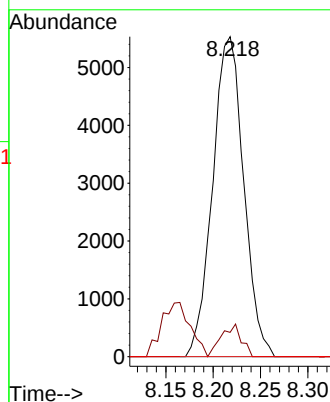
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	12614
Ion	Ratio	Lower	Upper
75	100		
110	6.6	16.6	49.8#
77	0.0	24.3	36.5#



#37

Ethyl Acetate

Concen: 0.221 ug/l

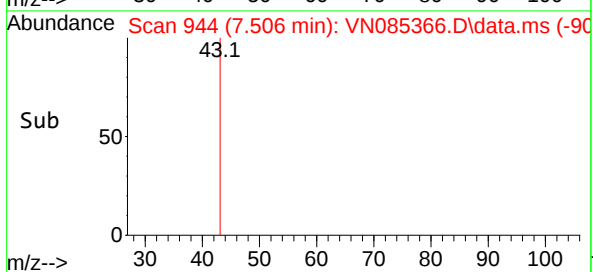
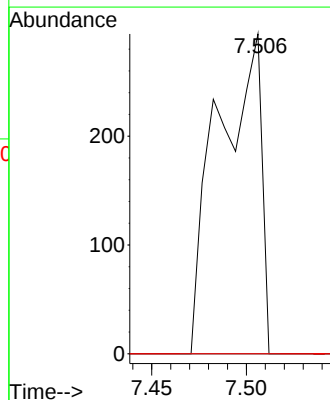
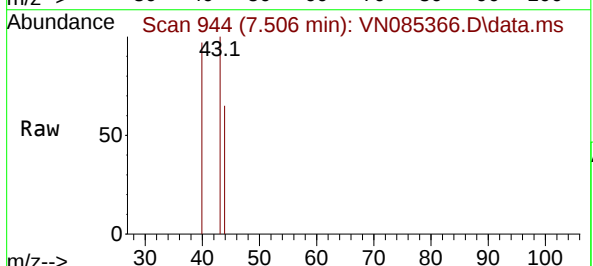
RT: 7.506 min Scan# 944

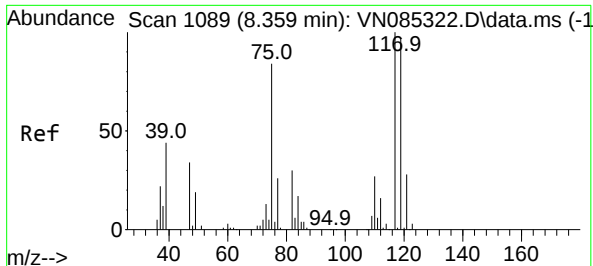
Delta R.T. -0.047 min

Lab File: VN085366.D

Acq: 31 Dec 2024 12:06

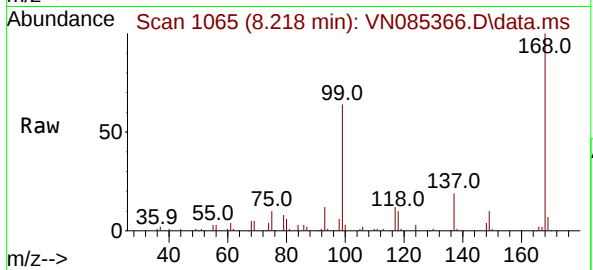
Tgt Ion:	43	Resp:	467
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.4	15.6#
70	0.0	8.2	12.2#



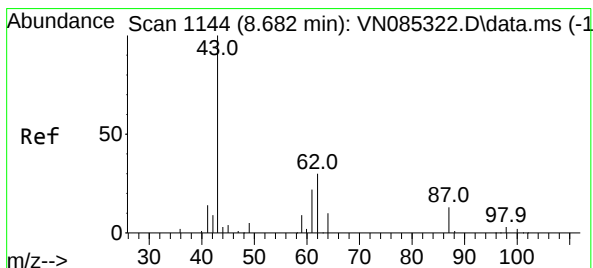
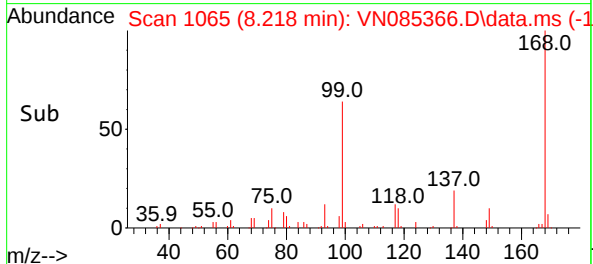
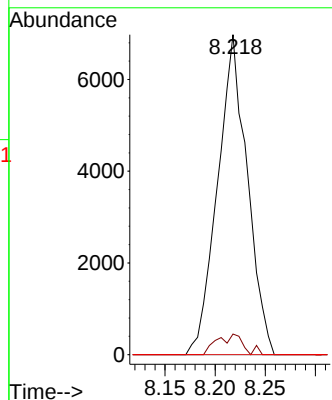


#38
Carbon Tetrachloride
Concen: 6.201 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN085366.D
Acq: 31 Dec 2024 12:06

Instrument :
MSVOA_N
ClientSampleId :

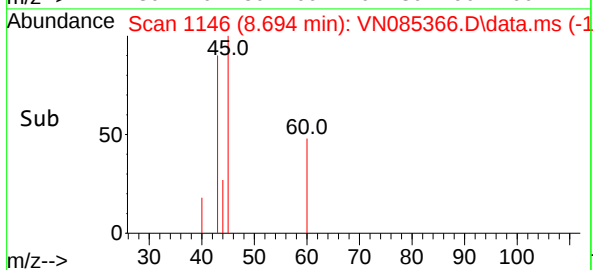
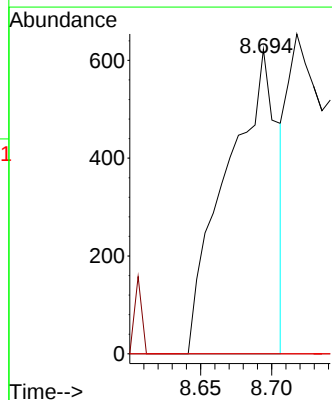
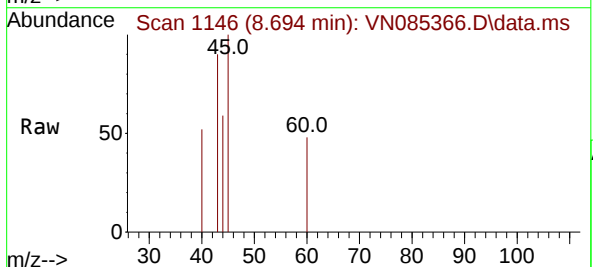


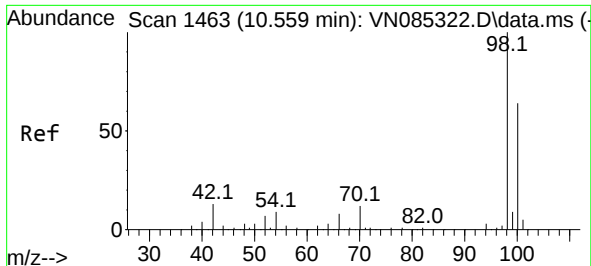
Tgt Ion:117 Resp: 14356
Ion Ratio Lower Upper
117 100
119 6.4 77.8 116.6#
121 0.0 22.5 33.7#



#43
Isopropyl Acetate
Concen: 0.444 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.012 min
Lab File: VN085366.D
Acq: 31 Dec 2024 12:06

Tgt Ion: 43 Resp: 1544
Ion Ratio Lower Upper
43 100
61 0.0 20.8 31.2#
87 0.0 10.2 15.4#

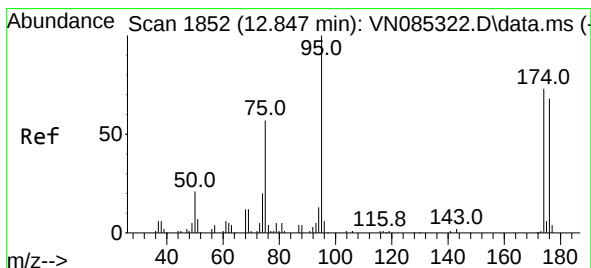
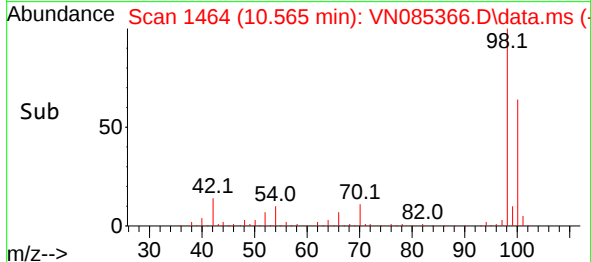
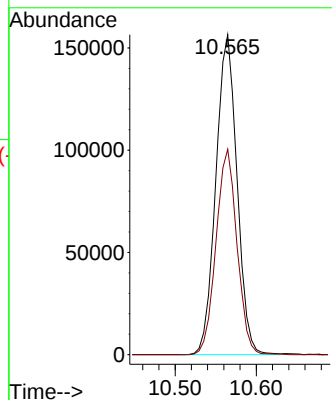
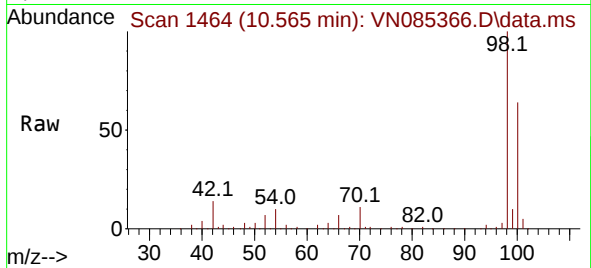




#50
Toluene-d8
Concen: 53.289 ug/l
RT: 10.565 min Scan# 1463
Delta R.T. 0.006 min
Lab File: VN085366.D
Acq: 31 Dec 2024 12:06

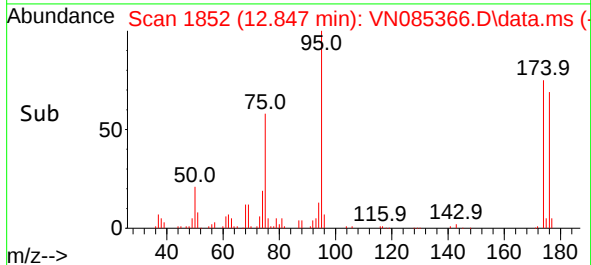
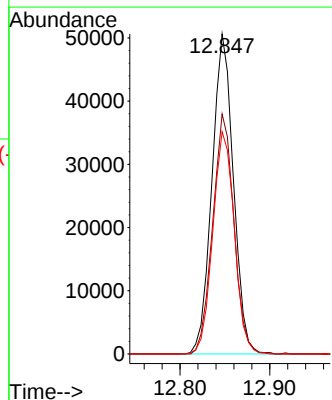
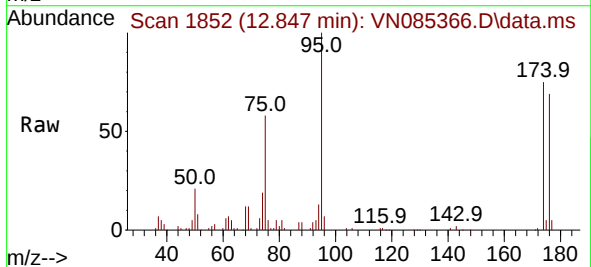
Instrument :
MSVOA_N
ClientSampleId :

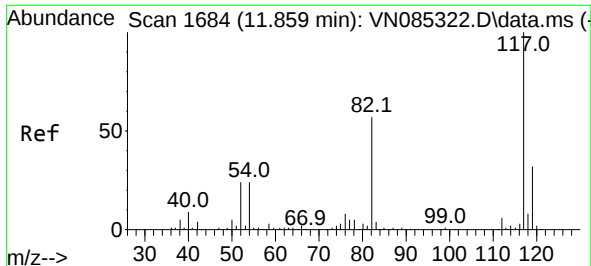
Tgt Ion: 98 Resp: 283676
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 47.415 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085366.D
Acq: 31 Dec 2024 12:06

Tgt Ion: 95 Resp: 83826
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.2
176 69.9 0.0 135.8

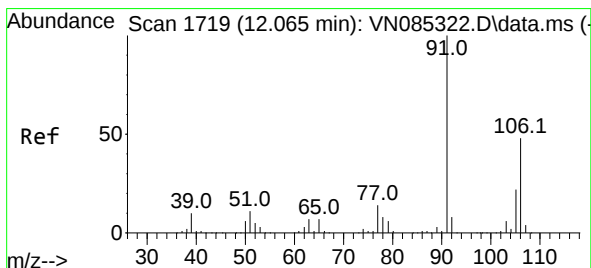
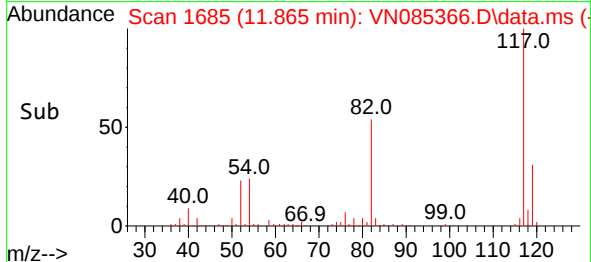
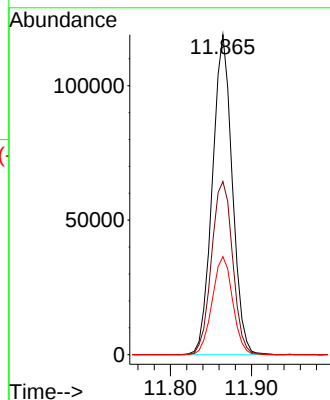
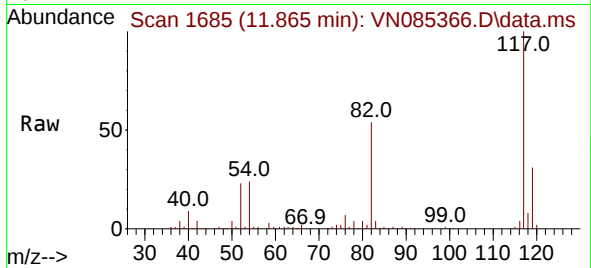




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085366.D
Acq: 31 Dec 2024 12:06

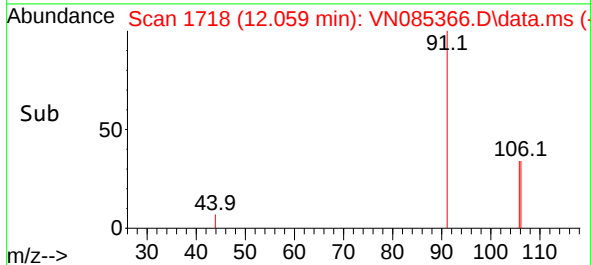
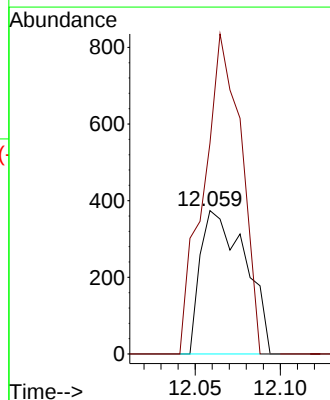
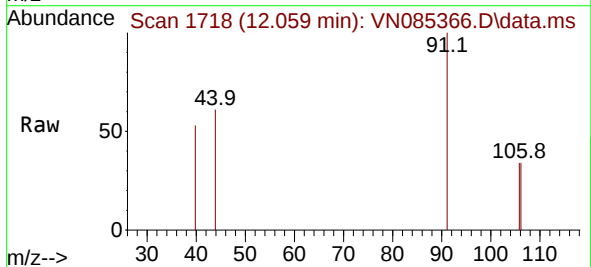
Instrument :
MSVOA_N
ClientSampleId :

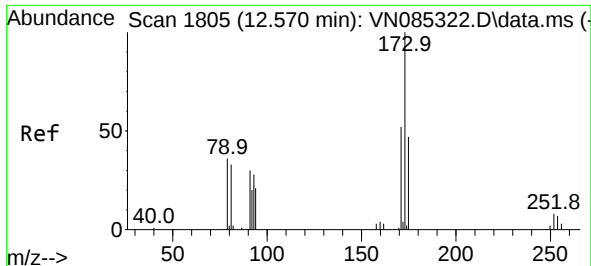
Tgt Ion:117 Resp: 202253
Ion Ratio Lower Upper
117 100
82 54.1 45.7 68.5
119 30.6 25.8 38.8



#68
m/p-Xylenes
Concen: 0.258 ug/l
RT: 12.059 min Scan# 1718
Delta R.T. -0.006 min
Lab File: VN085366.D
Acq: 31 Dec 2024 12:06

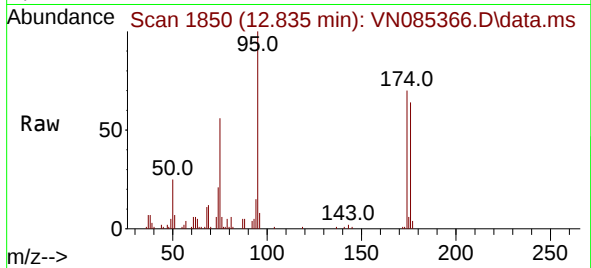
Tgt Ion:106 Resp: 687
Ion Ratio Lower Upper
106 100
91 186.9 165.2 247.8



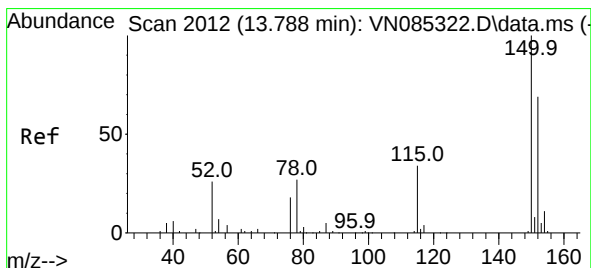
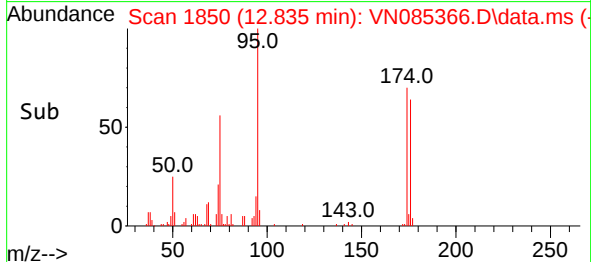
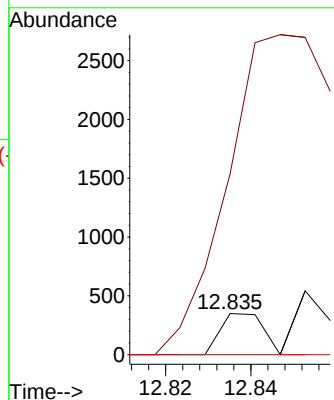


#71
Bromoform
Concen: 0.239 ug/l
RT: 12.835 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN085366.D
Acq: 31 Dec 2024 12:06

Instrument :
MSVOA_N
ClientSampleId :

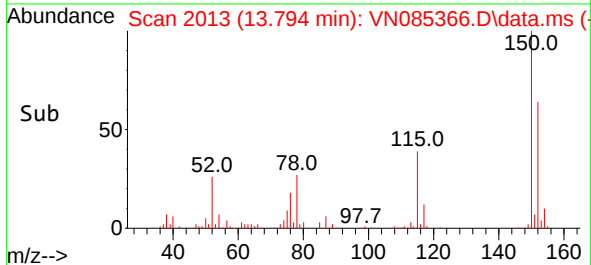
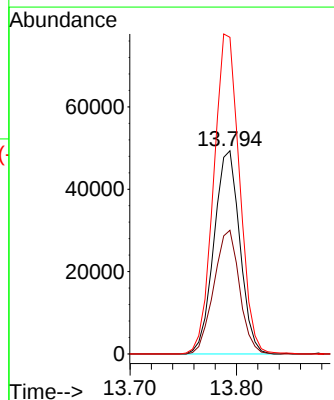
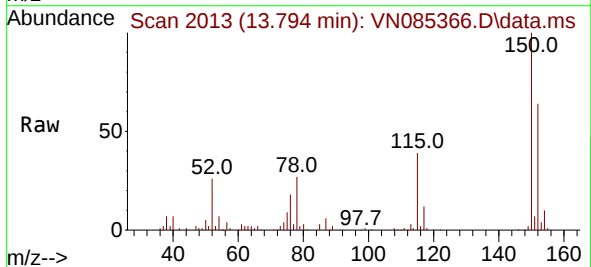


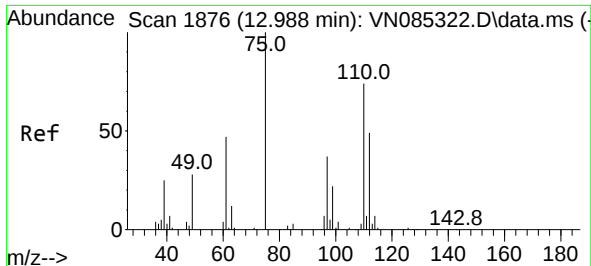
Tgt Ion:173 Resp: 243
Ion Ratio Lower Upper
173 100
175 0.0 24.4 73.4#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN085366.D
Acq: 31 Dec 2024 12:06

Tgt Ion:152 Resp: 83141
Ion Ratio Lower Upper
152 100
115 60.4 30.4 91.3
150 157.6 0.0 345.0

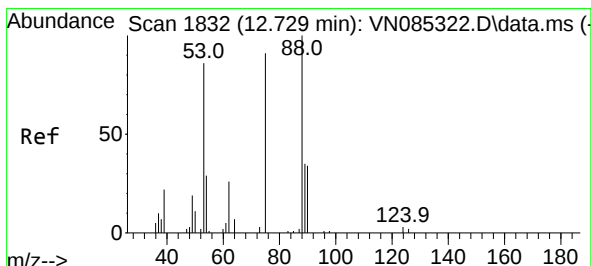
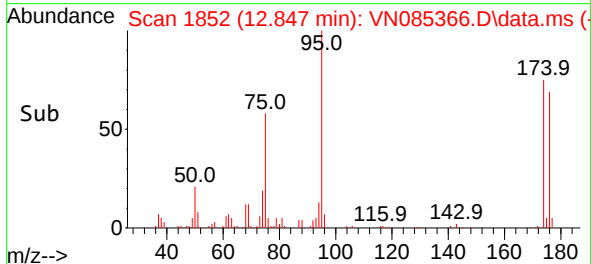
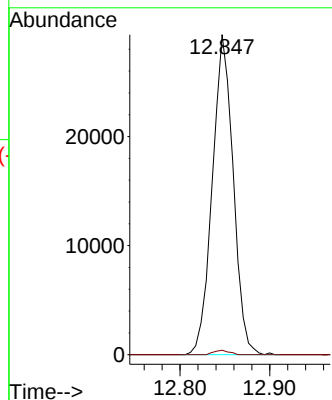
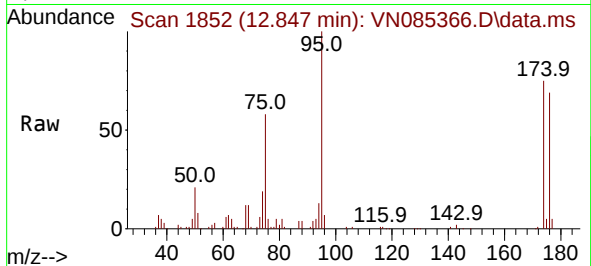




#76
1,2,3-Trichloropropane
Concen: 30.593 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085366.D
Acq: 31 Dec 2024 12:06

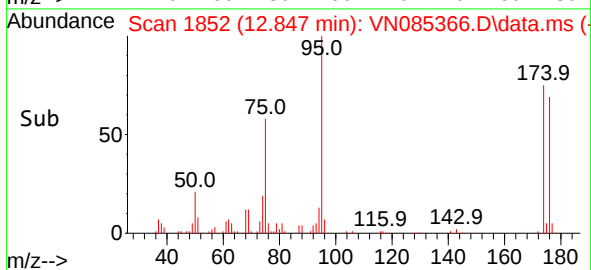
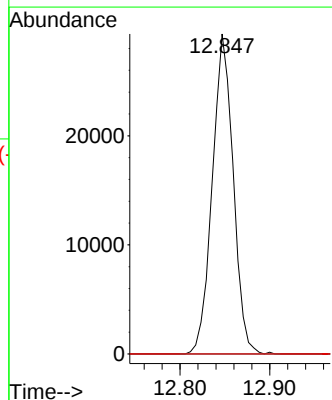
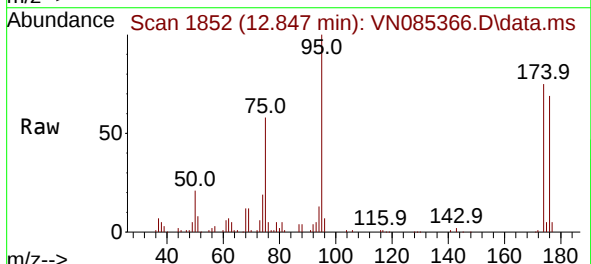
Instrument :
MSVOA_N
ClientSampleId :

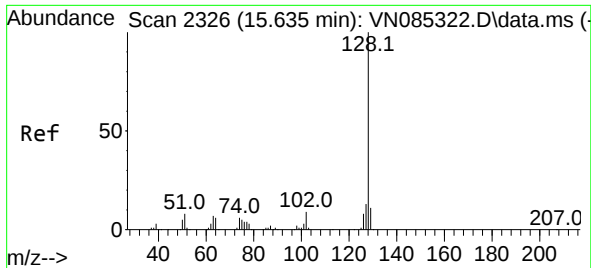
Tgt Ion: 75 Resp: 47498
Ion Ratio Lower Upper
75 100
77 1.0 98.1 294.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.266 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.118 min
Lab File: VN085366.D
Acq: 31 Dec 2024 12:06

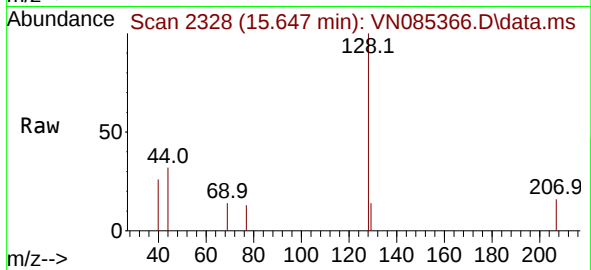
Tgt Ion: 75 Resp: 47498
Ion Ratio Lower Upper
75 100
53 0.0 80.0 120.0#
89 0.0 35.8 53.8#





#95
Naphthalene
Concen: 0.473 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN085366.D
Acq: 31 Dec 2024 12:06

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 2048
Ion Ratio Lower Upper
128 100
127 3.2 10.6 16.0#
129 11.8 8.5 12.7

