

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112624\
 Data File : VN085049.D
 Acq On : 26 Nov 2024 17:48
 Operator : JC\MD
 Sample : P5006-18 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-WTS-02

Quant Time: Nov 27 05:19:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

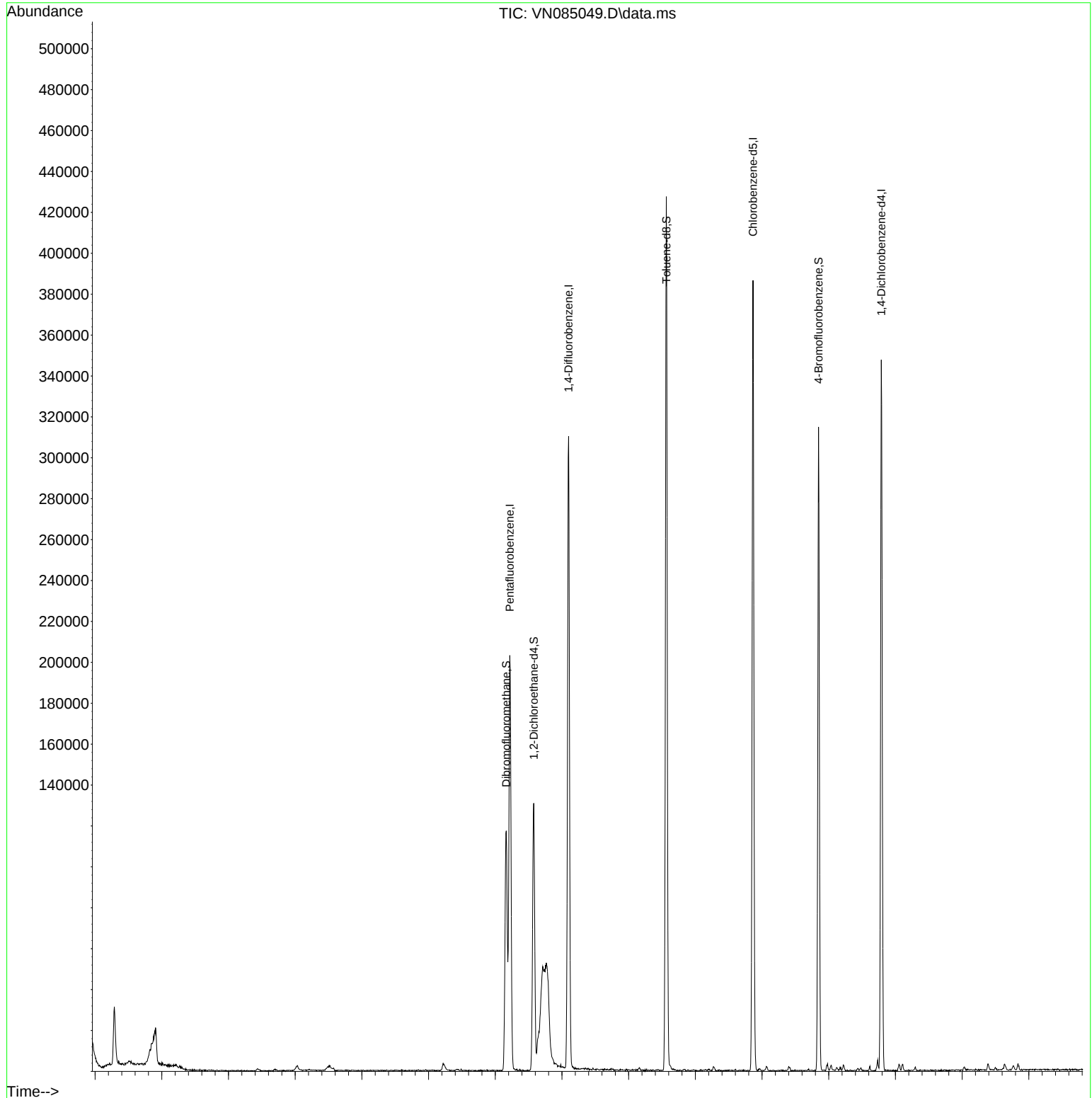
Internal Standards						
1) Pentafluorobenzene	8.218	168	144182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	264529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	220546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	93934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	108530	52.844	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.680%			
35) Dibromofluoromethane	8.165	113	86136	48.285	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.580%			
50) Toluene-d8	10.565	98	294207	46.020	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.040%			
62) 4-Bromofluorobenzene	12.847	95	105504	44.129	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 88.260%			
Target Compounds						
18) Methyl Acetate	5.024	43	4846	1.420	ug/l #	86
68) m/p-Xylenes	12.076	106	896	0.290	ug/l	94
70) Styrene	12.417	104	1285	0.263	ug/l #	80
77) Bromobenzene	12.982	156	733	0.411	ug/l	86
78) n-propylbenzene	13.035	91	2443	0.320	ug/l	89
82) 4-Chlorotoluene	13.217	91	2200	0.414	ug/l	96
89) n-Butylbenzene	14.053	91	2128	0.429	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	1586	0.471	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	1082	0.591	ug/l	75
95) Naphthalene	15.641	128	3912	0.750	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.835	180	1321	0.756	ug/l	92

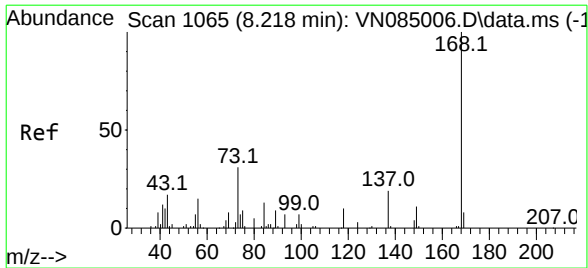
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

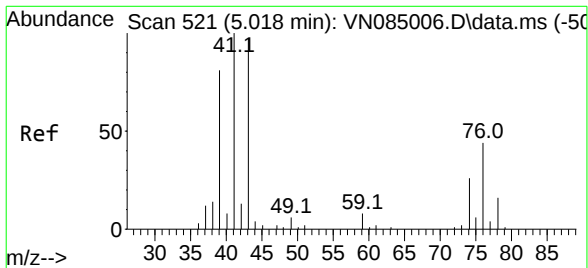
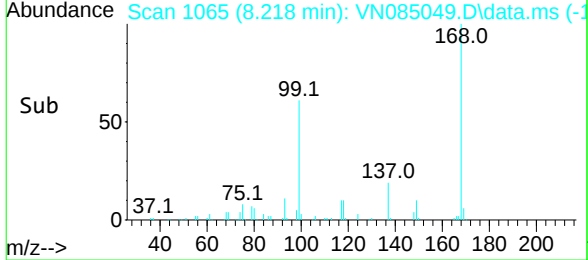
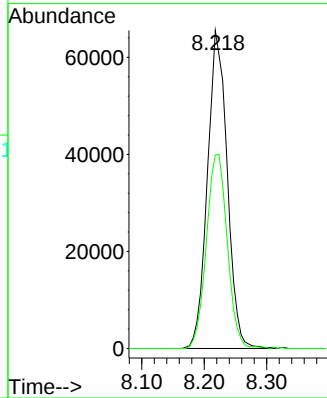
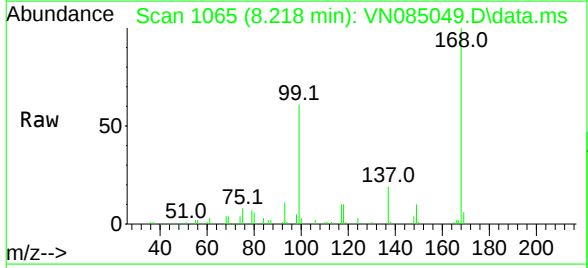




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN085049.D
Acq: 26 Nov 2024 17:48

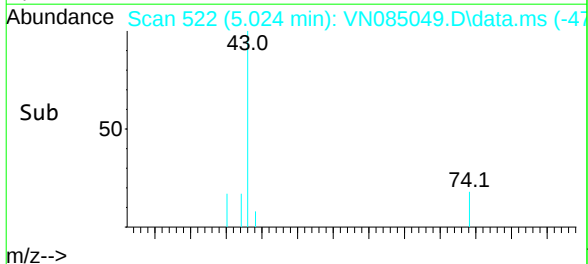
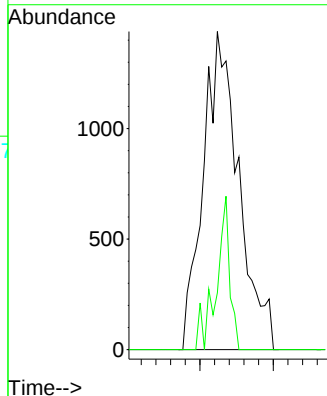
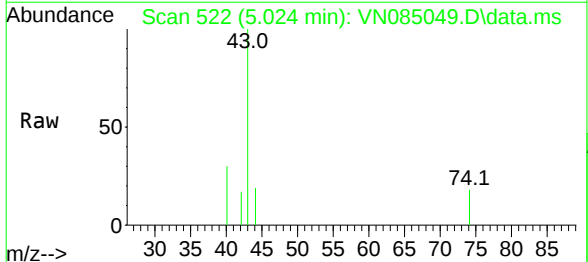
Instrument :
MSVOA_N
ClientSampleId :
TW-WTS-02

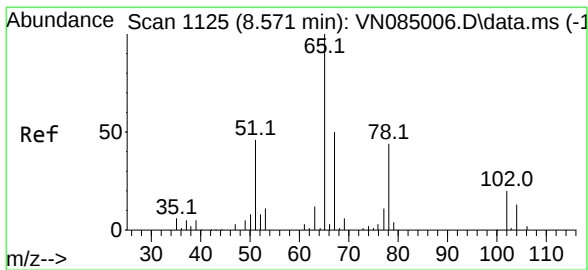
Tgt Ion: 168 Resp: 144182
Ion Ratio Lower Upper
168 100
99 60.9 51.2 76.8



#18
Methyl Acetate
Concen: 1.420 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085049.D
Acq: 26 Nov 2024 17:48

Tgt Ion: 43 Resp: 4846
Ion Ratio Lower Upper
43 100
74 18.2 20.1 30.1#

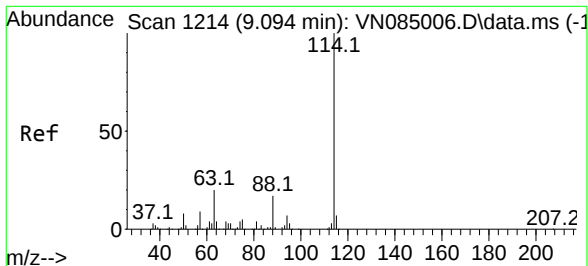
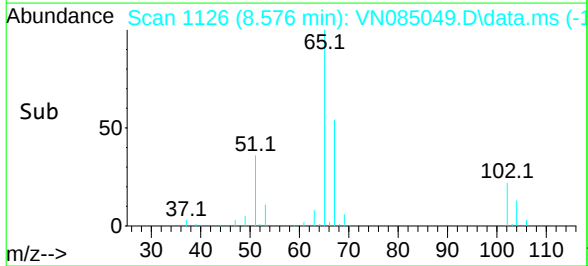
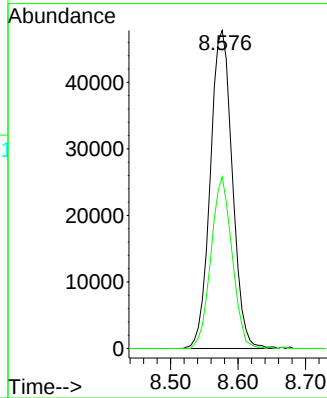
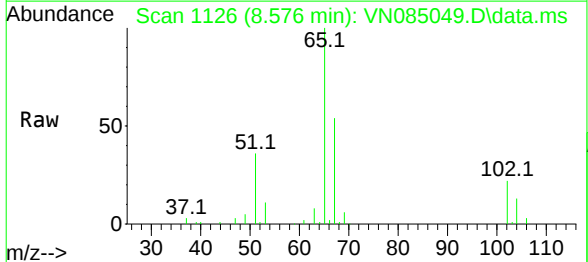




#33
1,2-Dichloroethane-d4
Concen: 52.844 ug/l
RT: 8.576 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VN085049.D
Acq: 26 Nov 2024 17:48

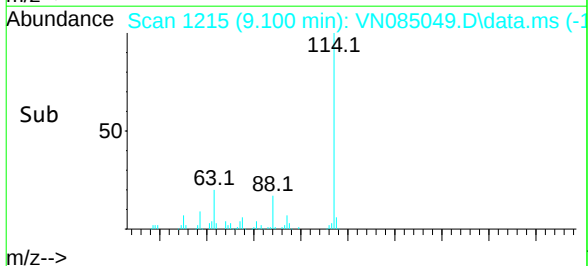
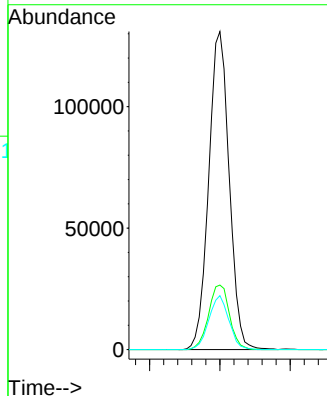
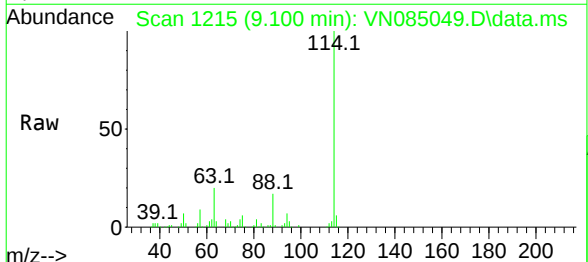
Instrument :
MSVOA_N
ClientSampleId :
TW-WTS-02

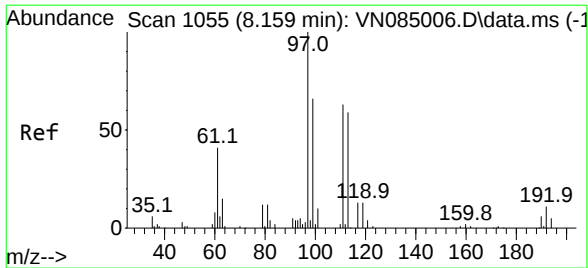
Tgt Ion: 65 Resp: 108530
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085049.D
Acq: 26 Nov 2024 17:48

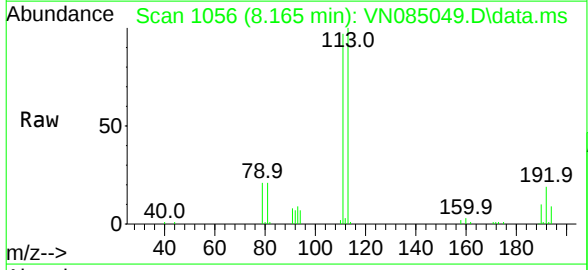
Tgt Ion: 114 Resp: 264529
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.0
88 17.0 0.0 34.8



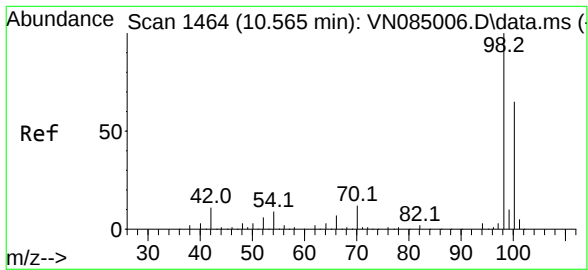
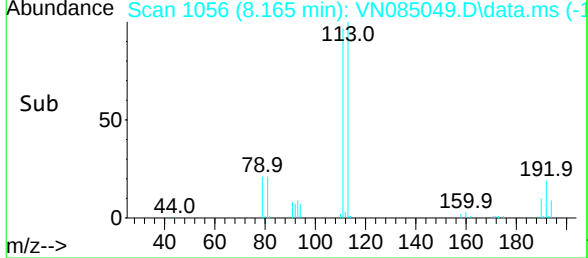
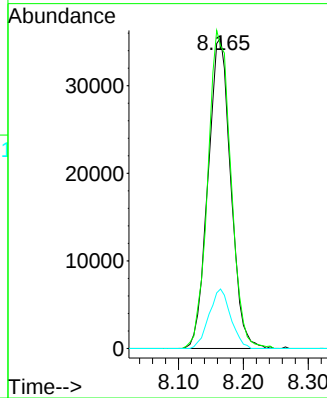


#35
 Dibromofluoromethane
 Concen: 48.285 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085049.D
 Acq: 26 Nov 2024 17:48

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-WTS-02

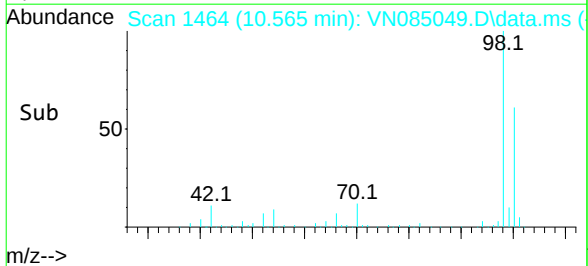
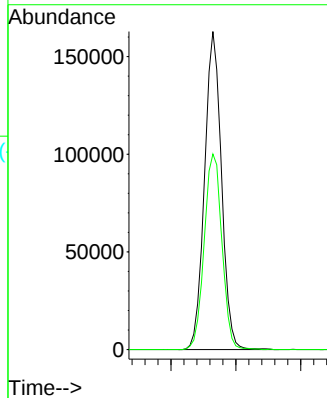
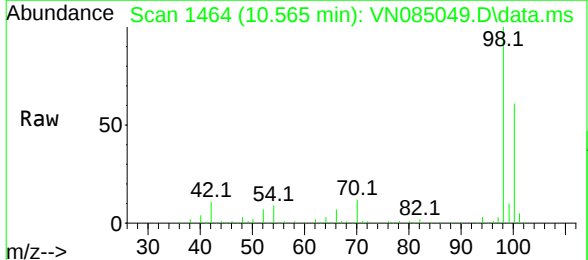


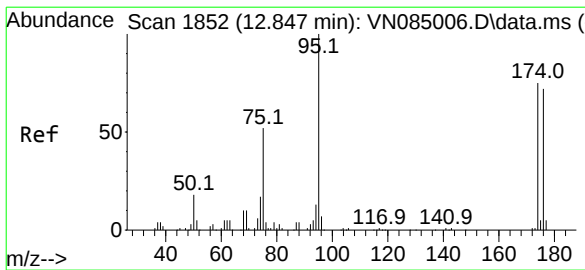
Tgt Ion:	113	Resp:	86136
Ion Ratio	Lower	Upper	
113	100		
111	103.8	82.0	123.0
192	18.3	14.8	22.2



#50
 Toluene-d8
 Concen: 46.020 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. -0.000 min
 Lab File: VN085049.D
 Acq: 26 Nov 2024 17:48

Tgt Ion:	98	Resp:	294207
Ion Ratio	Lower	Upper	
98	100		
100	64.4	52.5	78.7

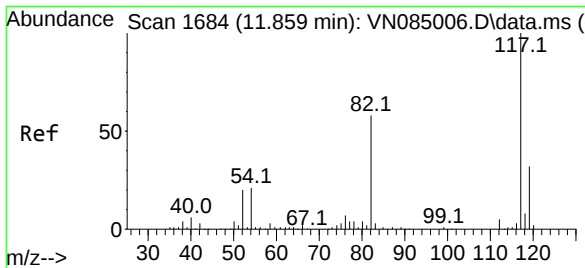
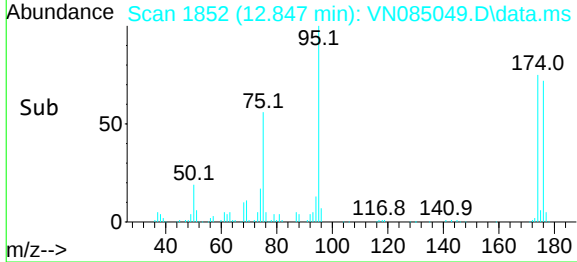
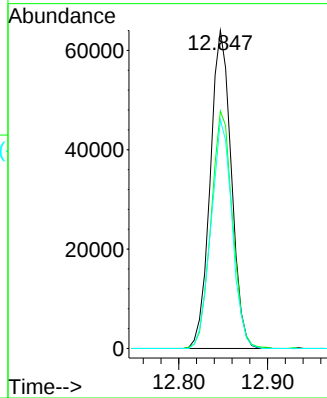
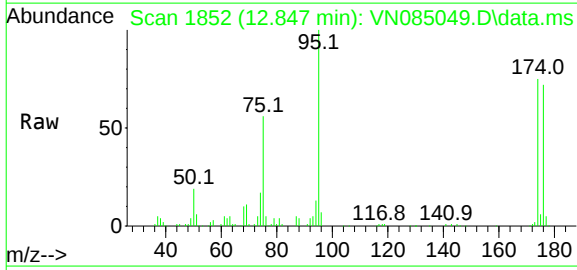




#62
4-Bromofluorobenzene
Concen: 44.129 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085049.D
Acq: 26 Nov 2024 17:48

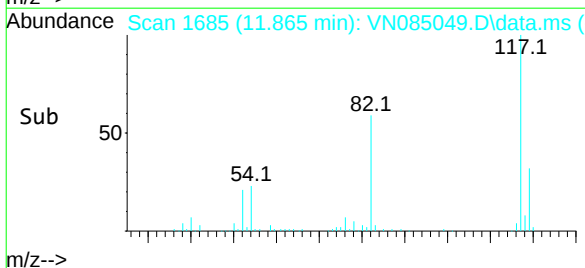
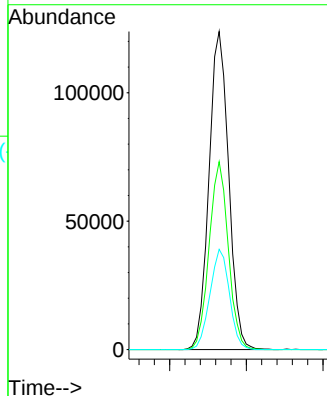
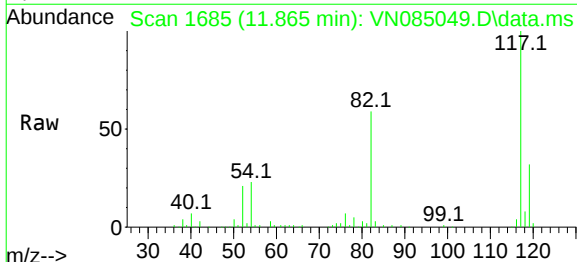
Instrument :
MSVOA_N
ClientSampleId :
TW-WTS-02

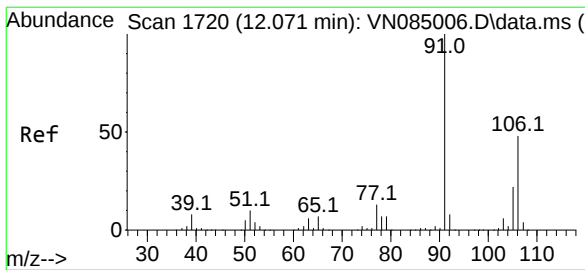
Tgt Ion:	95	Resp:	105504
Ion	Ratio	Lower	Upper
95	100		
174	76.0	0.0	146.6
176	71.7	0.0	141.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085049.D
Acq: 26 Nov 2024 17:48

Tgt Ion:	117	Resp:	220546
Ion	Ratio	Lower	Upper
117	100		
82	59.1	46.0	69.0
119	31.5	25.6	38.4

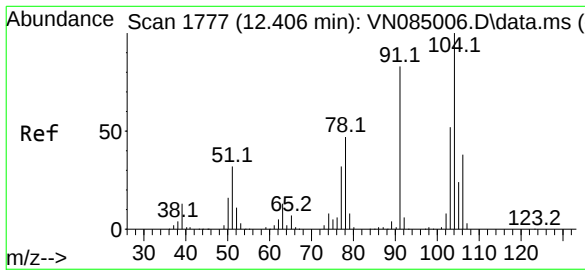
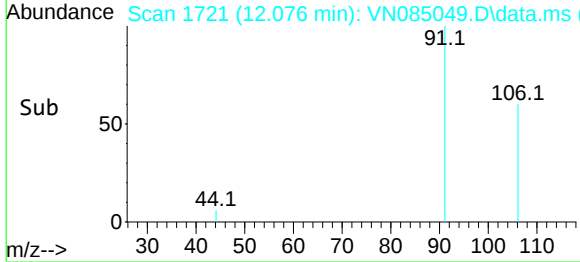
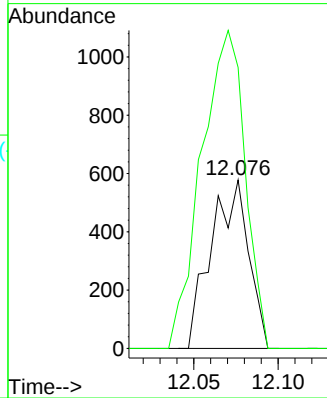
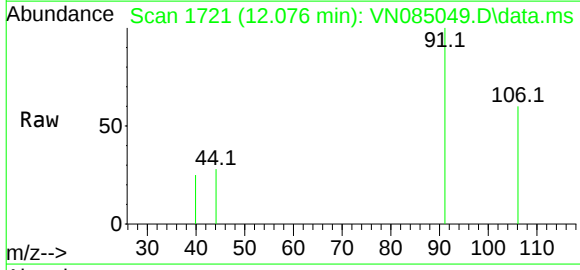




#68
m/p-Xylenes
Concen: 0.290 ug/l
RT: 12.076 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085049.D
Acq: 26 Nov 2024 17:48

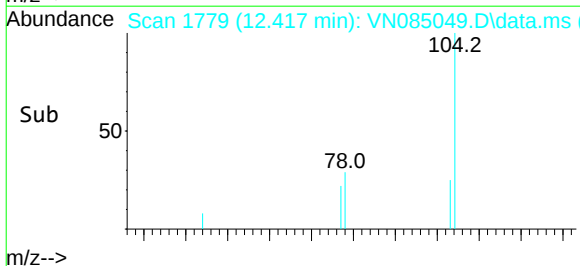
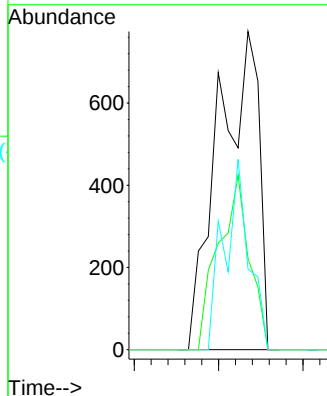
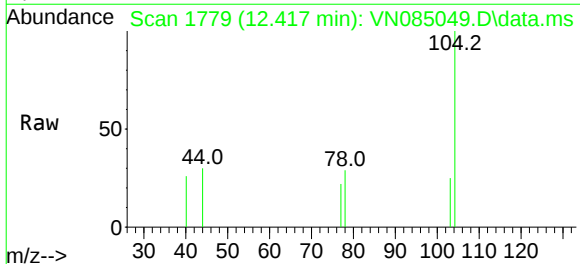
Instrument :
MSVOA_N
ClientSampleId :
TW-WTS-02

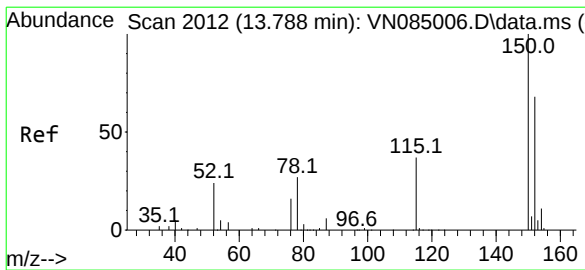
Tgt Ion:106 Resp: 896
Ion Ratio Lower Upper
106 100
91 219.0 168.0 252.0



#70
Styrene
Concen: 0.263 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.012 min
Lab File: VN085049.D
Acq: 26 Nov 2024 17:48

Tgt Ion:104 Resp: 1285
Ion Ratio Lower Upper
104 100
78 42.1 42.3 63.5#
103 36.7 44.2 66.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085049.D

Acq: 26 Nov 2024 17:48

Instrument :

MSVOA_N

ClientSampleId :

TW-WTS-02

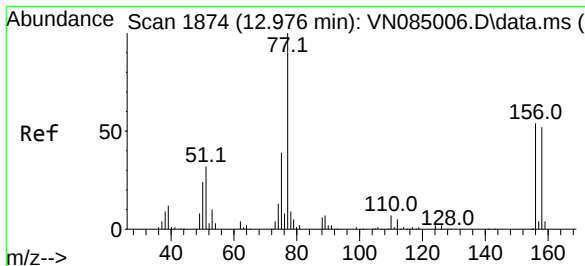
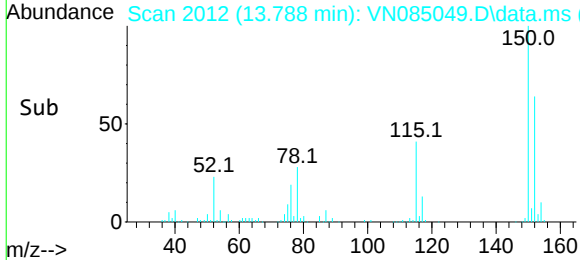
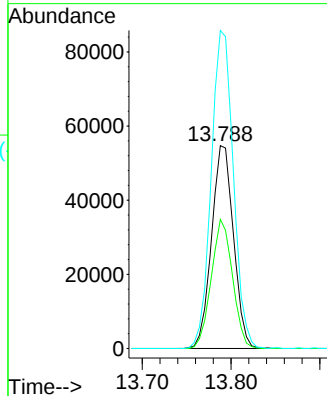
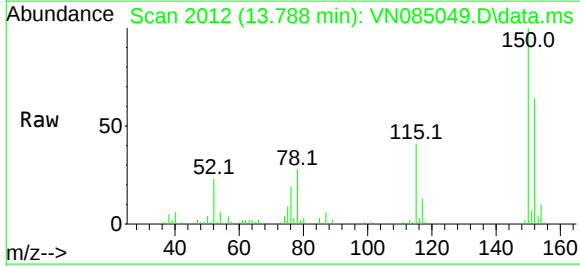
Tgt Ion:152 Resp: 93934

Ion Ratio Lower Upper

152 100

115 61.5 31.7 95.1

150 158.0 0.0 351.4



#77

Bromobenzene

Concen: 0.411 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN085049.D

Acq: 26 Nov 2024 17:48

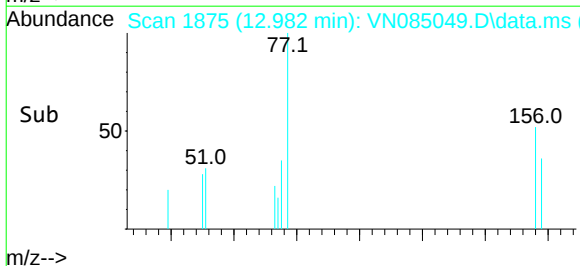
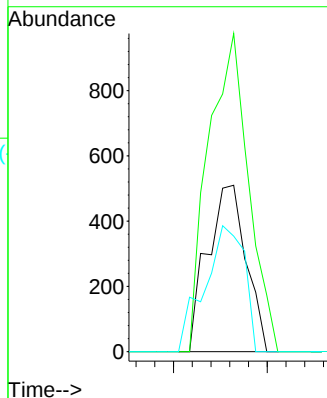
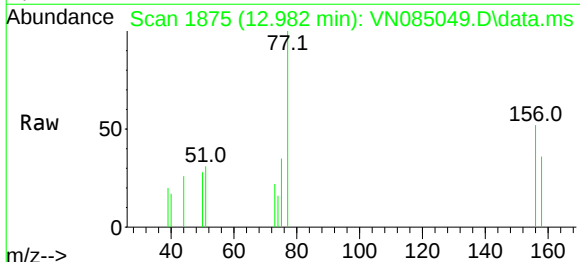
Tgt Ion:156 Resp: 733

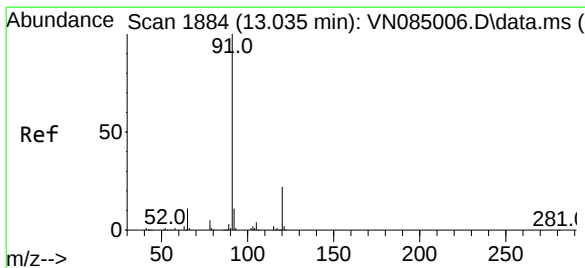
Ion Ratio Lower Upper

156 100

77 197.5 107.2 321.6

158 77.5 48.5 145.6

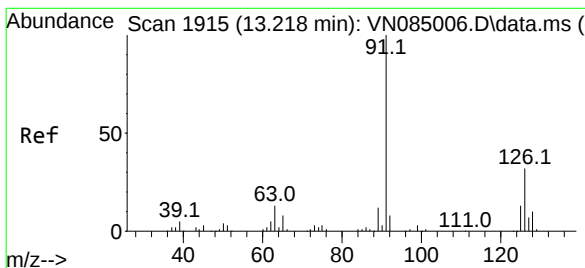
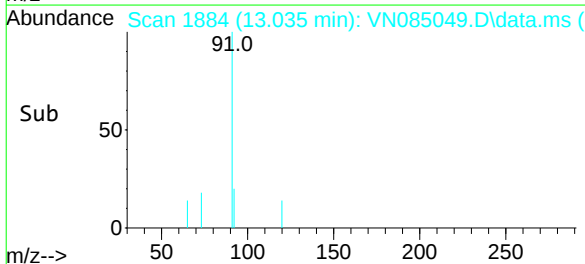
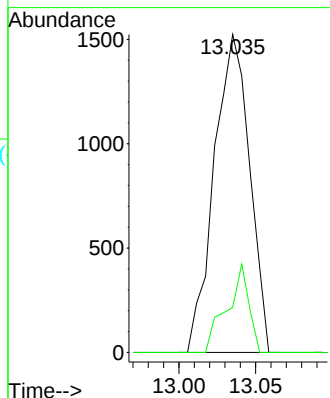
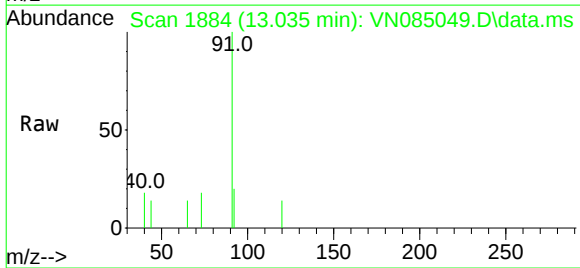




#78
n-propylbenzene
Concen: 0.320 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085049.D
Acq: 26 Nov 2024 17:48

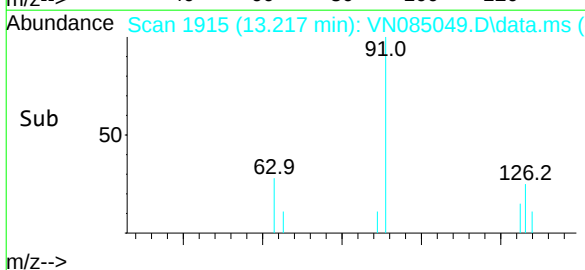
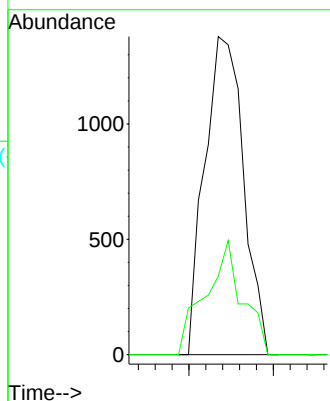
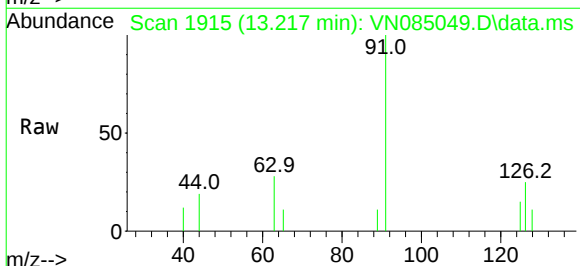
Instrument :
MSVOA_N
ClientSampleId :
TW-WTS-02

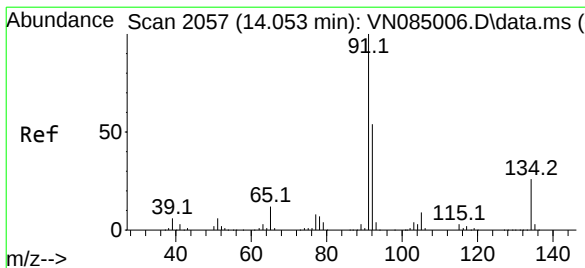
Tgt Ion: 91 Resp: 2443
Ion Ratio Lower Upper
91 100
120 17.2 11.3 33.9



#82
4-Chlorotoluene
Concen: 0.414 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085049.D
Acq: 26 Nov 2024 17:48

Tgt Ion: 91 Resp: 2200
Ion Ratio Lower Upper
91 100
126 34.5 16.1 48.3

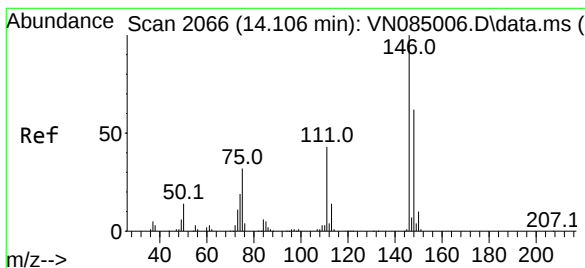
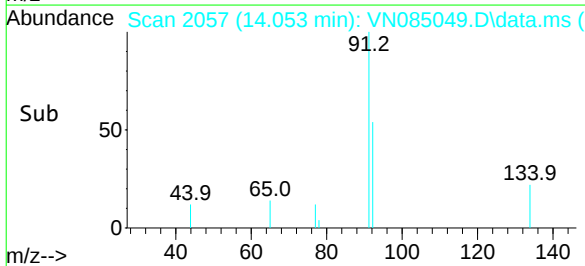
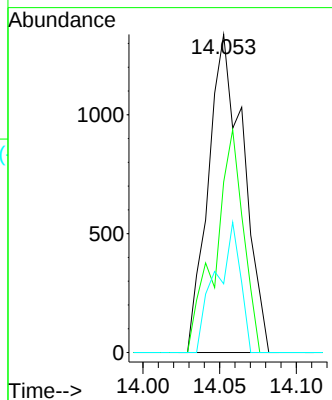
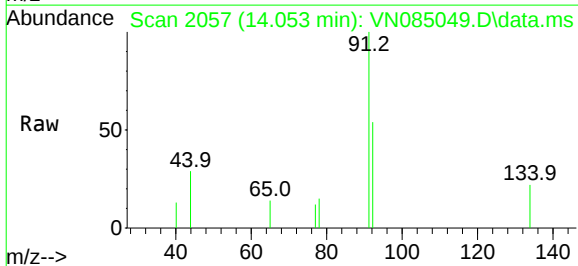




#89
n-Butylbenzene
Concen: 0.429 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085049.D
Acq: 26 Nov 2024 17:48

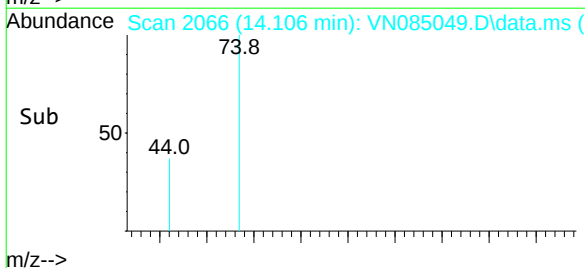
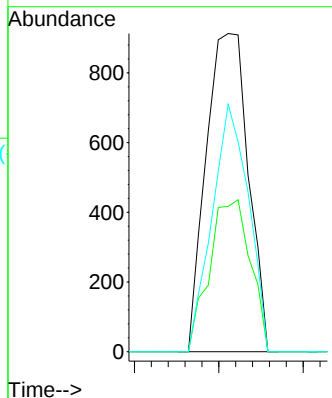
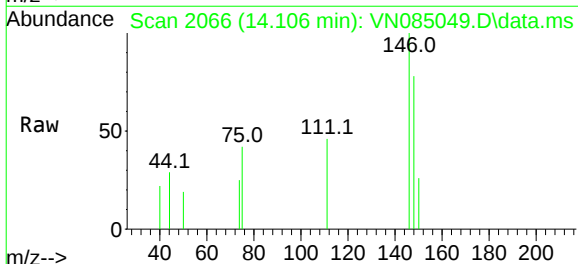
Instrument :
MSVOA_N
ClientSampleId :
TW-WTS-02

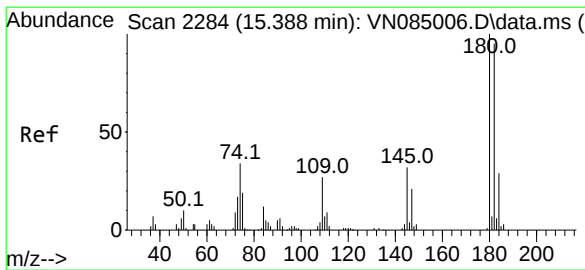
Tgt Ion:	91	Resp:	2128
Ion	Ratio	Lower	Upper
91	100		
92	55.9	26.8	80.3
134	28.5	12.8	38.4



#91
1,2-Dichlorobenzene
Concen: 0.471 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN085049.D
Acq: 26 Nov 2024 17:48

Tgt Ion:	146	Resp:	1586
Ion	Ratio	Lower	Upper
146	100		
111	46.3	21.9	65.8
148	67.2	31.1	93.2

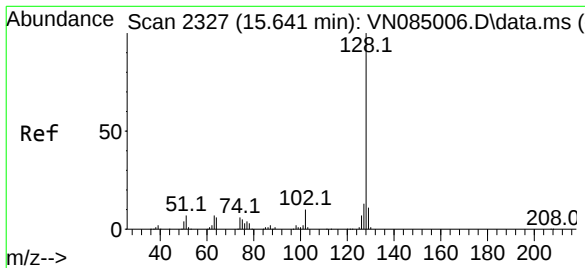
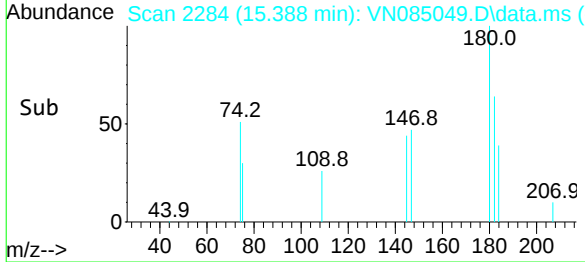
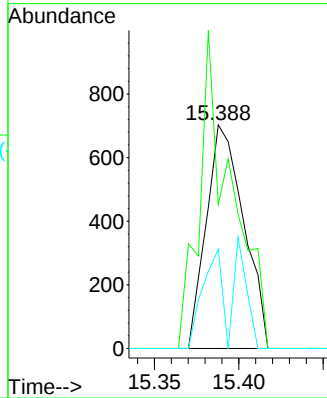
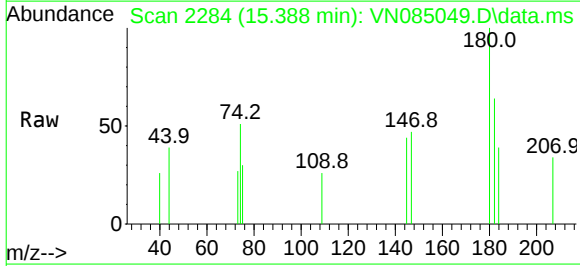




#93
1,2,4-Trichlorobenzene
Concen: 0.591 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN085049.D
Acq: 26 Nov 2024 17:48

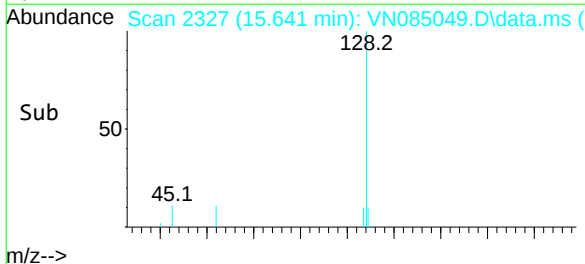
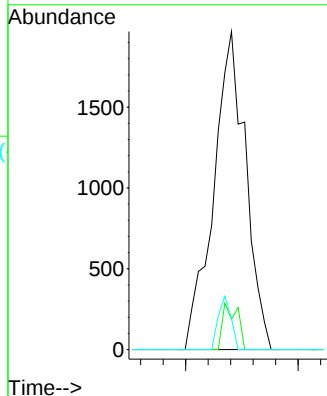
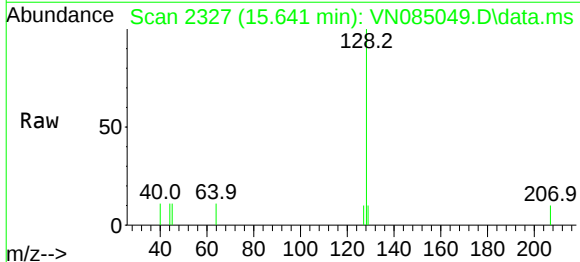
Instrument :
MSVOA_N
ClientSampleId :
TW-WTS-02

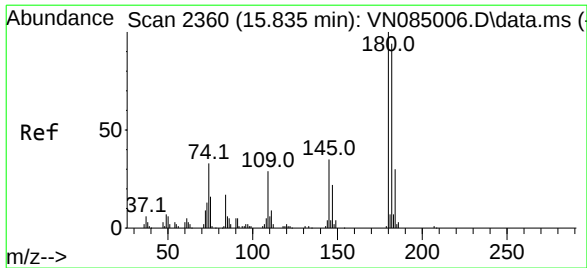
Tgt Ion:	180	Resp:	1082
Ion	Ratio	Lower	Upper
180	100		
182	121.1	46.9	140.8
145	23.1	16.3	48.8



#95
Naphthalene
Concen: 0.750 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN085049.D
Acq: 26 Nov 2024 17:48

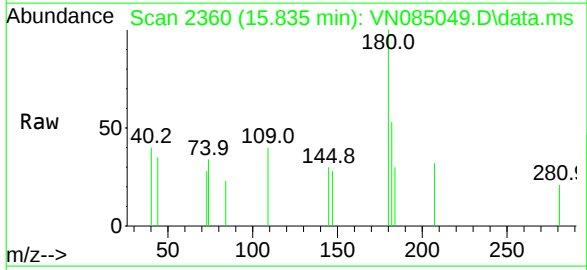
Tgt Ion:	128	Resp:	3912
Ion	Ratio	Lower	Upper
128	100		
127	6.6	10.6	16.0#
129	6.6	8.6	12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.756 ug/l
 RT: 15.835 min Scan# 23
 Delta R.T. -0.000 min
 Lab File: VN085049.D
 Acq: 26 Nov 2024 17:48

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-WTS-02



Tgt Ion:	180	Resp:	1321
Ion Ratio	Lower	Upper	
180	100		
182	86.7	46.4	139.2
145	28.6	17.3	52.0

