

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100824\
 Data File : VN084351.D
 Acq On : 08 Oct 2024 16:05
 Operator : JC\MD
 Sample : P4337-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002-35TH-AVE(OCT)

Quant Time: Oct 09 02:32:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:21:08 2024
 Response via : Initial Calibration

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

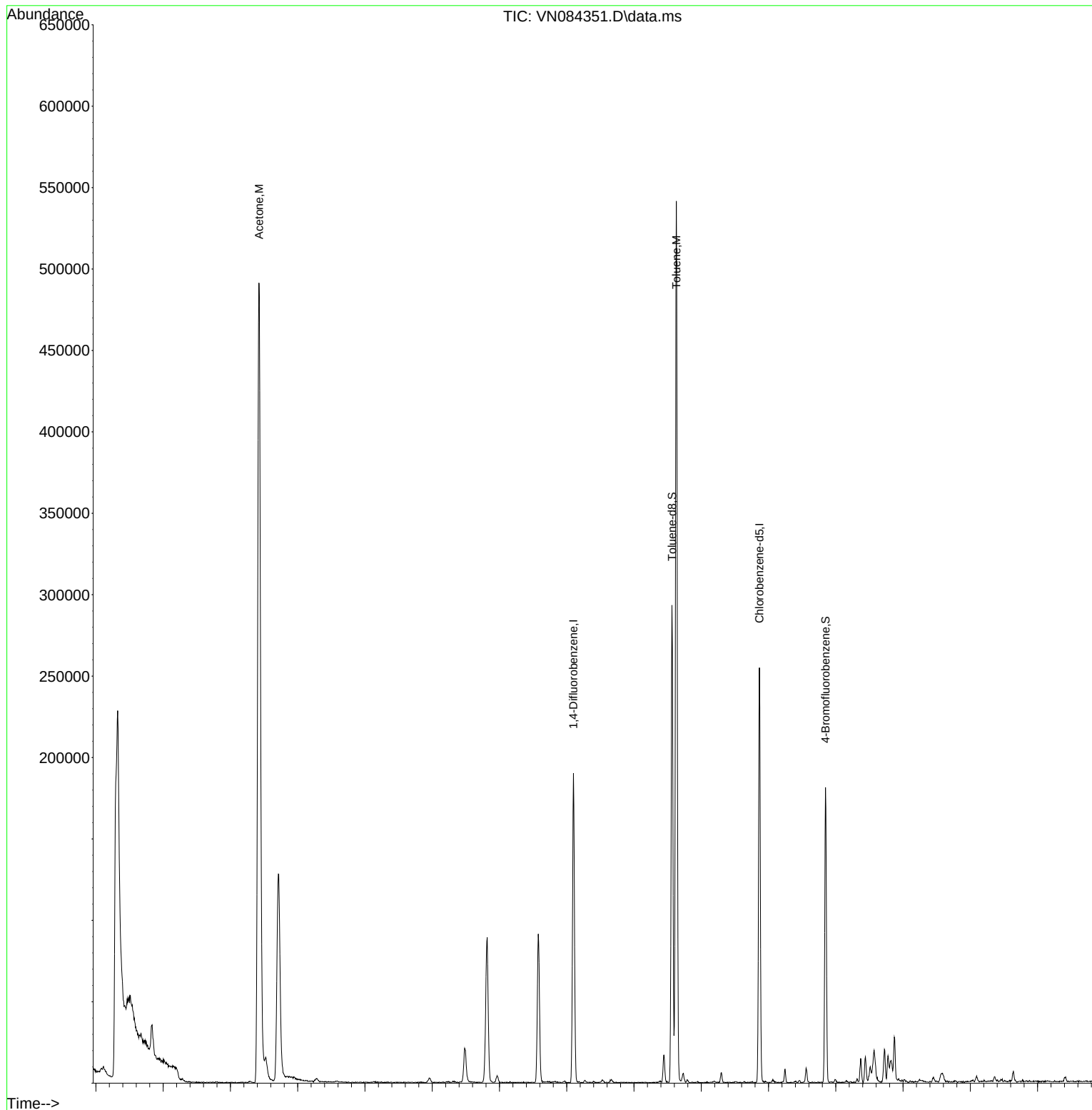
Internal Standards						
1) Bromochloromethane	7.818	128	30720	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	157276	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	146077	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	75843	30.665	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.233%
60) 4-Bromofluorobenzene	12.847	95	64761	26.862	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	89.533%
63) Toluene-d8	10.565	98	197805	29.230	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.433%
Target Compounds						
					Qvalue	
15) Acetone	4.424	58	295470	961.432	ug/l	93
25) Chloroform	7.965	83	4337	1.119	ug/l	91
30) 2-Butanone	7.483	43	35142	25.565	ug/l	98
58) 4-Methyl-2-Pentanone	10.441	43	11940	4.388	ug/l	94
62) Toluene	10.629	91	419130	49.012	ug/l	99
82) p-Isopropyltoluene	13.729	119	8370	1.159	ug/l	92
91) Naphthalene	15.641	128	6334	0.952	ug/l #	96

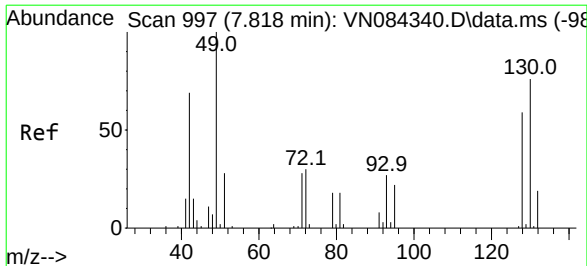
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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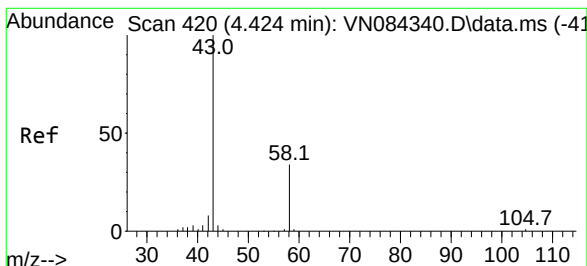
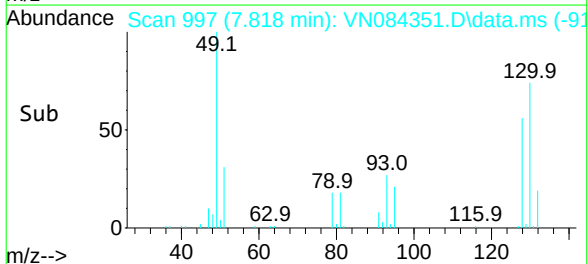
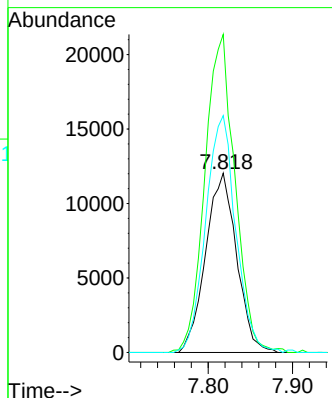
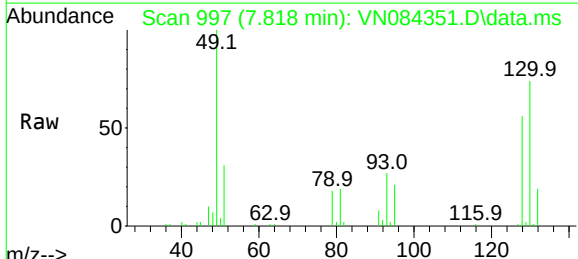




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN084351.D
Acq: 08 Oct 2024 16:05

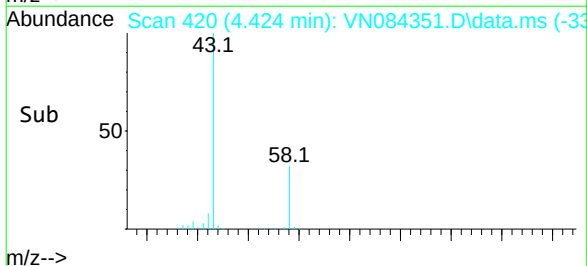
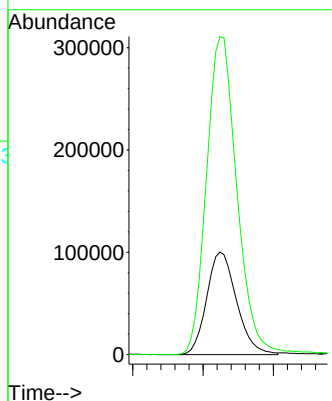
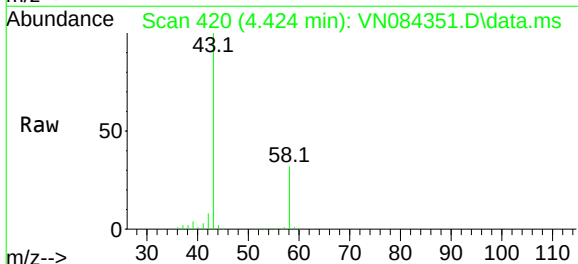
Instrument :
MSVOA_N
ClientSampleId :
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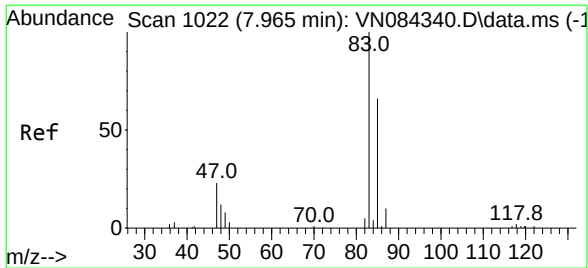
Tgt Ion:128 Resp: 30720
Ion Ratio Lower Upper
128 100
49 171.8 0.0 430.0
130 128.5 0.0 329.8



#15
Acetone
Concen: 961.432 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN084351.D
Acq: 08 Oct 2024 16:05

Tgt Ion: 58 Resp: 295470
Ion Ratio Lower Upper
58 100
43 309.7 237.5 356.3

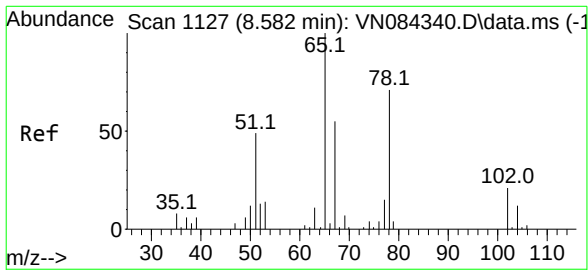
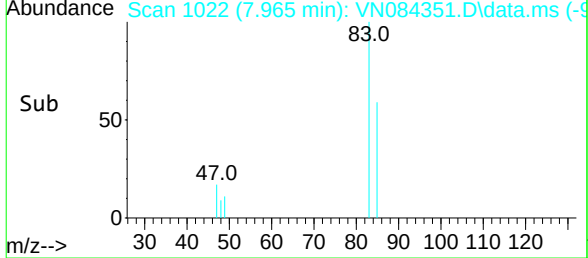
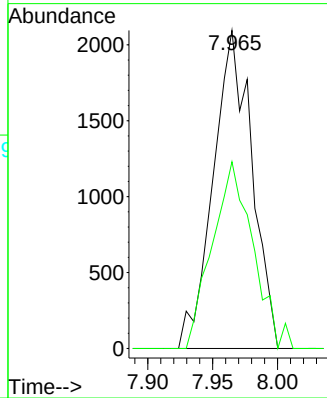
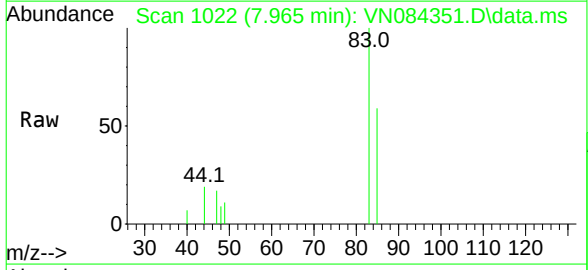




#25
 Chloroform
 Concen: 1.119 ug/l
 RT: 7.965 min Scan# 1022
 Delta R.T. 0.000 min
 Lab File: VN084351.D
 Acq: 08 Oct 2024 16:05

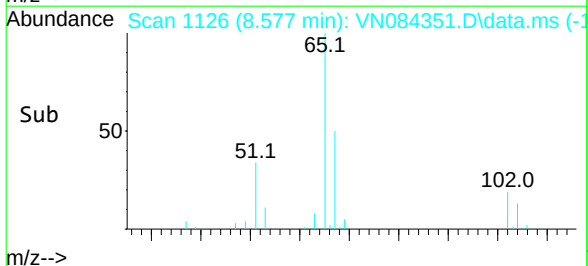
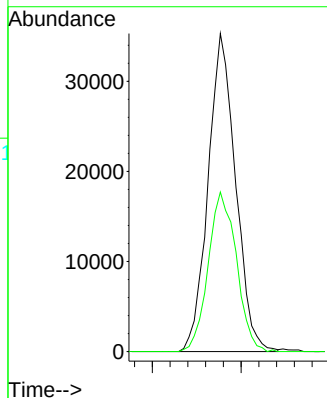
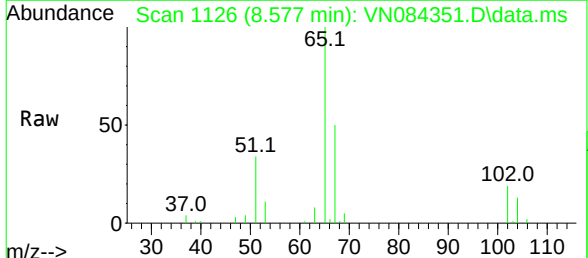
Instrument :
 MSVOA_N
 ClientSampleId :
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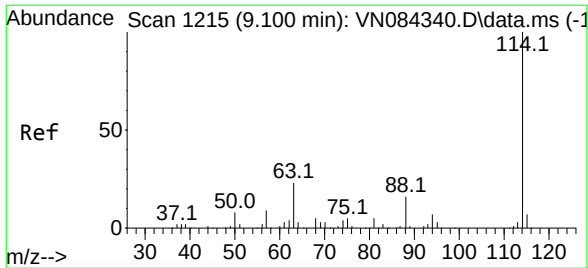
Tgt Ion:	83	Resp:	4337
Ion	Ratio	Lower	Upper
83	100		
85	58.7	52.4	78.6



#27
 1,2-Dichloroethane-d4
 Concen: 30.665 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VN084351.D
 Acq: 08 Oct 2024 16:05

Tgt Ion:	65	Resp:	75843
Ion	Ratio	Lower	Upper
65	100		
67	51.4	41.5	62.3

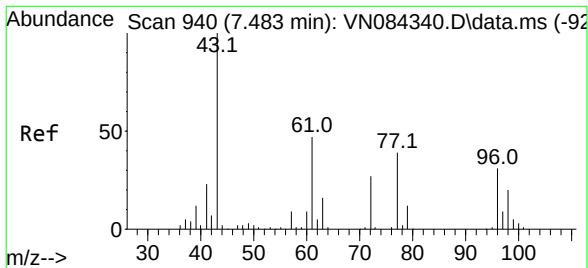
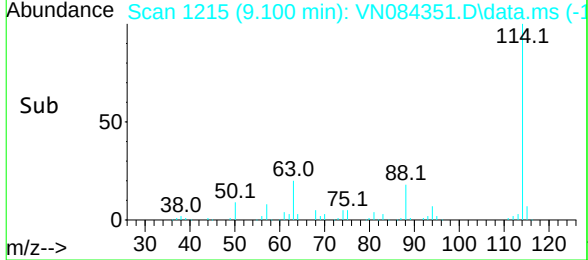
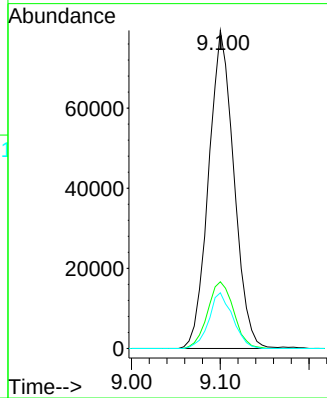
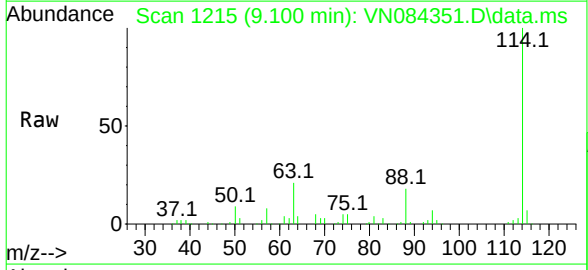




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084351.D
Acq: 08 Oct 2024 16:05

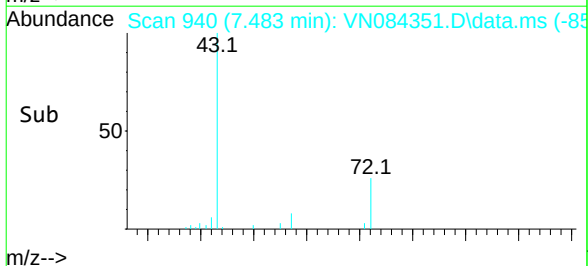
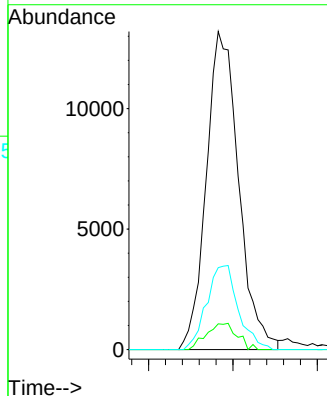
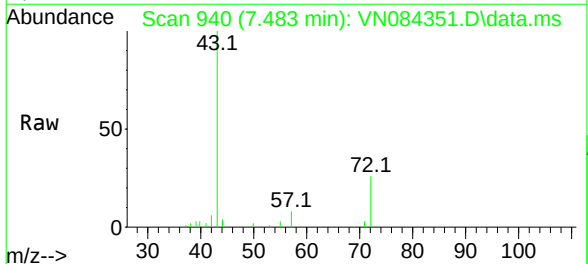
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(OCT)

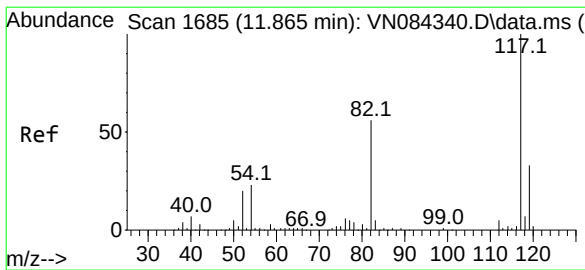
Tgt Ion:	114	Resp:	157276
Ion	Ratio	Lower	Upper
114	100		
63	21.6	17.4	26.0
88	16.6	13.2	19.8



#30
2-Butanone
Concen: 25.565 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084351.D
Acq: 08 Oct 2024 16:05

Tgt Ion:	43	Resp:	35142
Ion	Ratio	Lower	Upper
43	100		
57	7.1	6.6	9.8
72	25.8	21.3	31.9

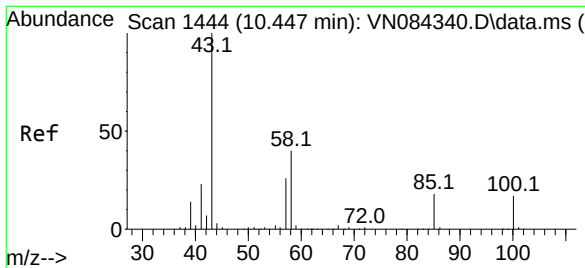
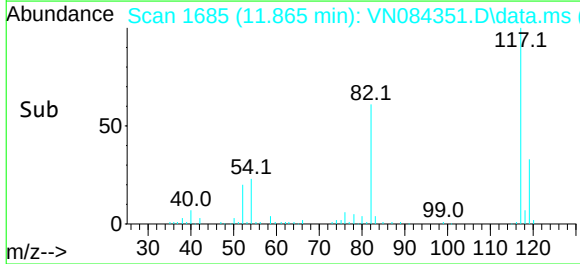
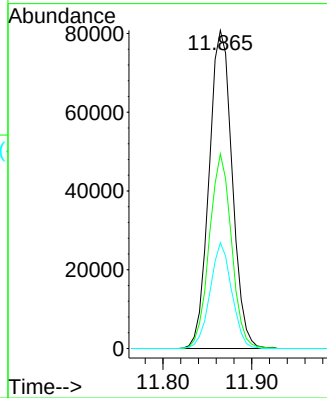
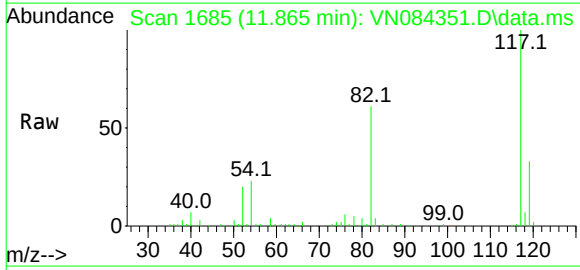




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084351.D
Acq: 08 Oct 2024 16:05

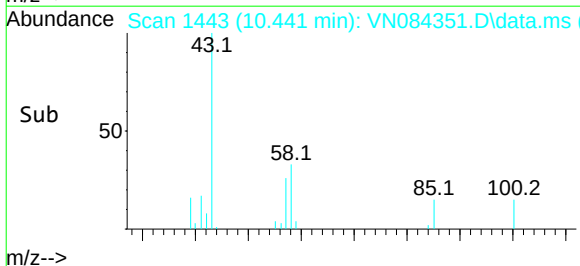
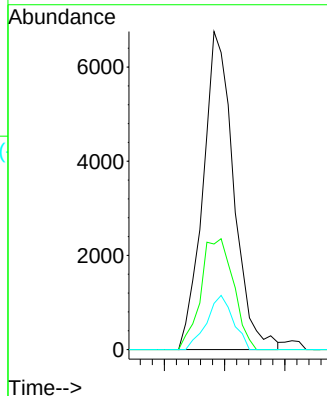
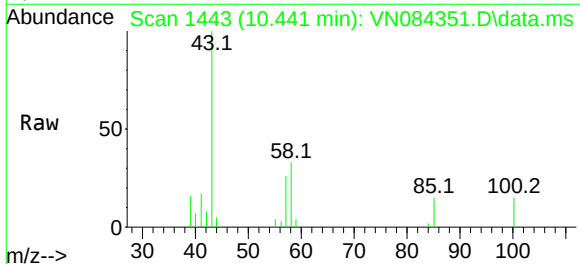
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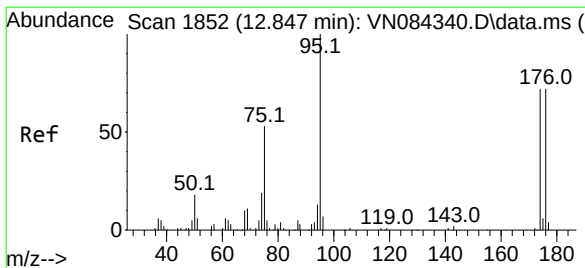
Tgt Ion:	117	Resp:	146077
Ion	Ratio	Lower	Upper
117	100		
82	58.7	46.2	69.4
119	31.2	25.4	38.2



#58
4-Methyl-2-Pentanone
Concen: 4.388 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN084351.D
Acq: 08 Oct 2024 16:05

Tgt Ion:	43	Resp:	11940
Ion	Ratio	Lower	Upper
43	100		
58	37.2	31.9	47.9
85	14.6	14.6	22.0





#60

4-Bromofluorobenzene

Concen: 26.862 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084351.D

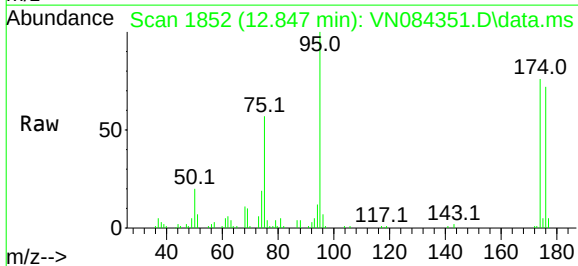
Acq: 08 Oct 2024 16:05

Instrument :

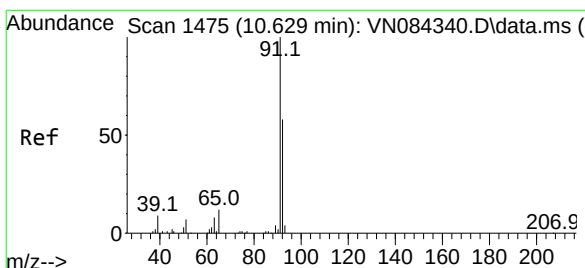
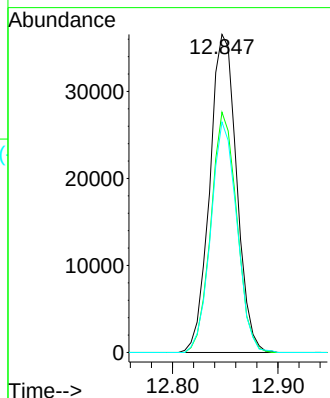
MSVOA_N

ClientSampleId :

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Tgt Ion:	95	Resp:	64761
Ion	Ratio	Lower	Upper
95	100		
174	72.6	58.2	87.2
176	70.1	56.4	84.6



#62

Toluene

Concen: 49.012 ug/l

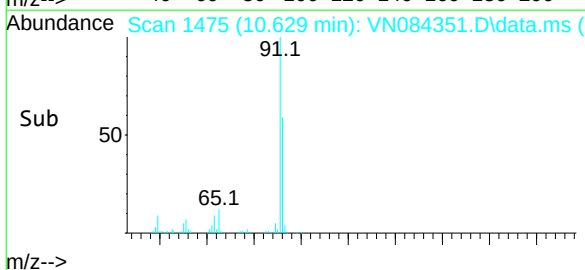
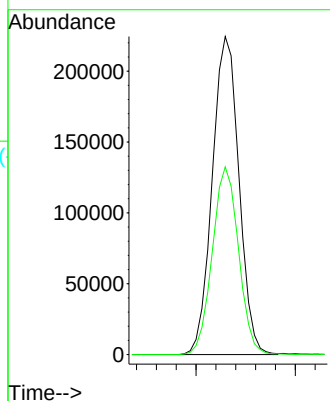
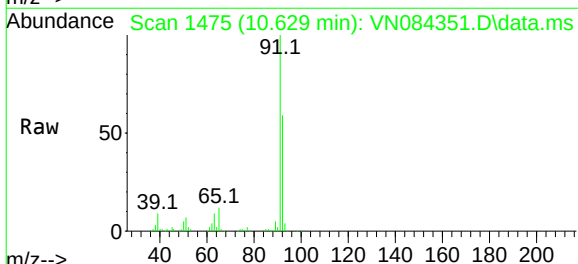
RT: 10.629 min Scan# 1475

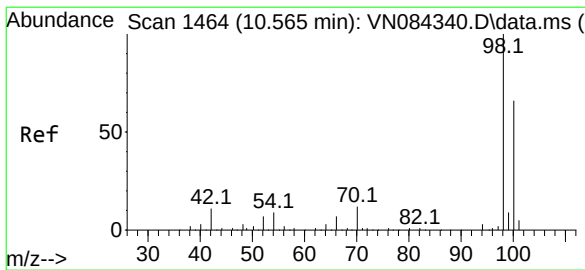
Delta R.T. 0.000 min

Lab File: VN084351.D

Acq: 08 Oct 2024 16:05

Tgt Ion:	91	Resp:	419130
Ion	Ratio	Lower	Upper
91	100		
92	58.0	47.2	70.8

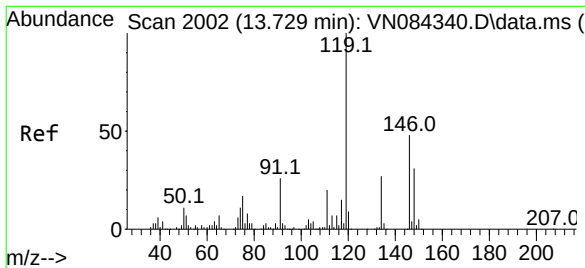
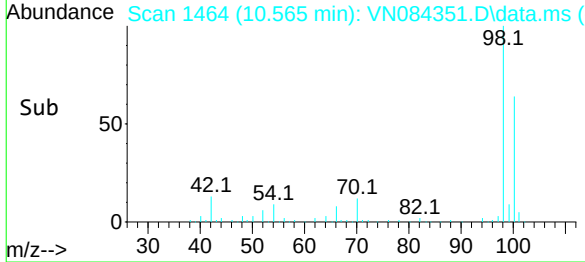
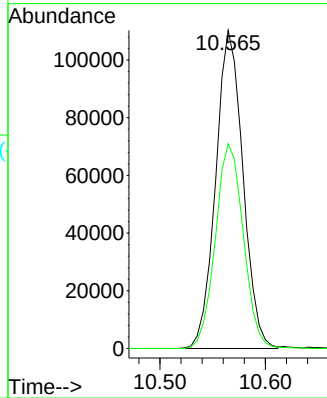
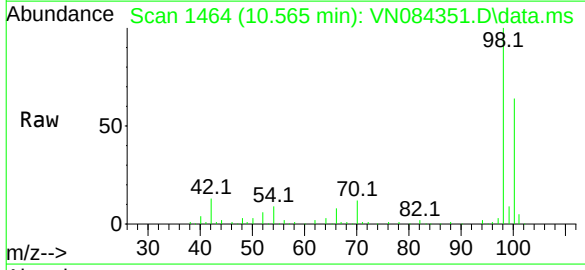




#63
Toluene-d8
Concen: 29.230 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084351.D
Acq: 08 Oct 2024 16:05

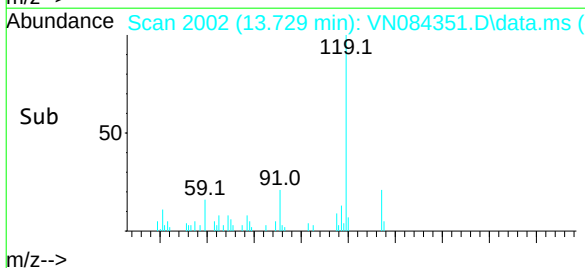
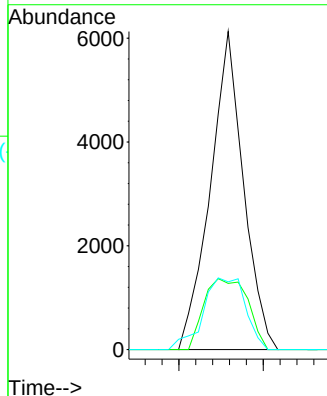
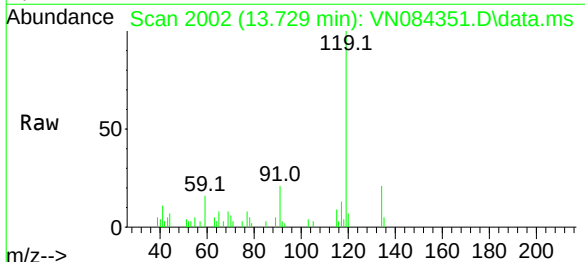
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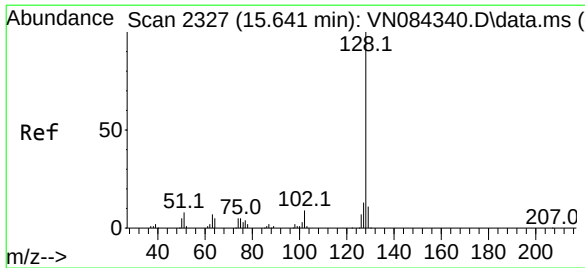
Tgt Ion: 98 Resp: 197805
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7



#82
p-Isopropyltoluene
Concen: 1.159 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084351.D
Acq: 08 Oct 2024 16:05

Tgt Ion: 119 Resp: 8370
Ion Ratio Lower Upper
119 100
134 29.4 0.0 50.2
91 28.9 0.0 50.6





#91
Naphthalene
Concen: 0.952 ug/l
RT: 15.641 min Scan# 23
Delta R.T. 0.000 min
Lab File: VN084351.D
Acq: 08 Oct 2024 16:05

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:128 Resp: 6334
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 8.4 8.8 13.2#

