

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122024\
 Data File : VN085283.D
 Acq On : 20 Dec 2024 15:07
 Operator : JC\MD
 Sample : P5328-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Dec 21 02:25:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Dec 21 02:03:07 2024
 Response via : Initial Calibration

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

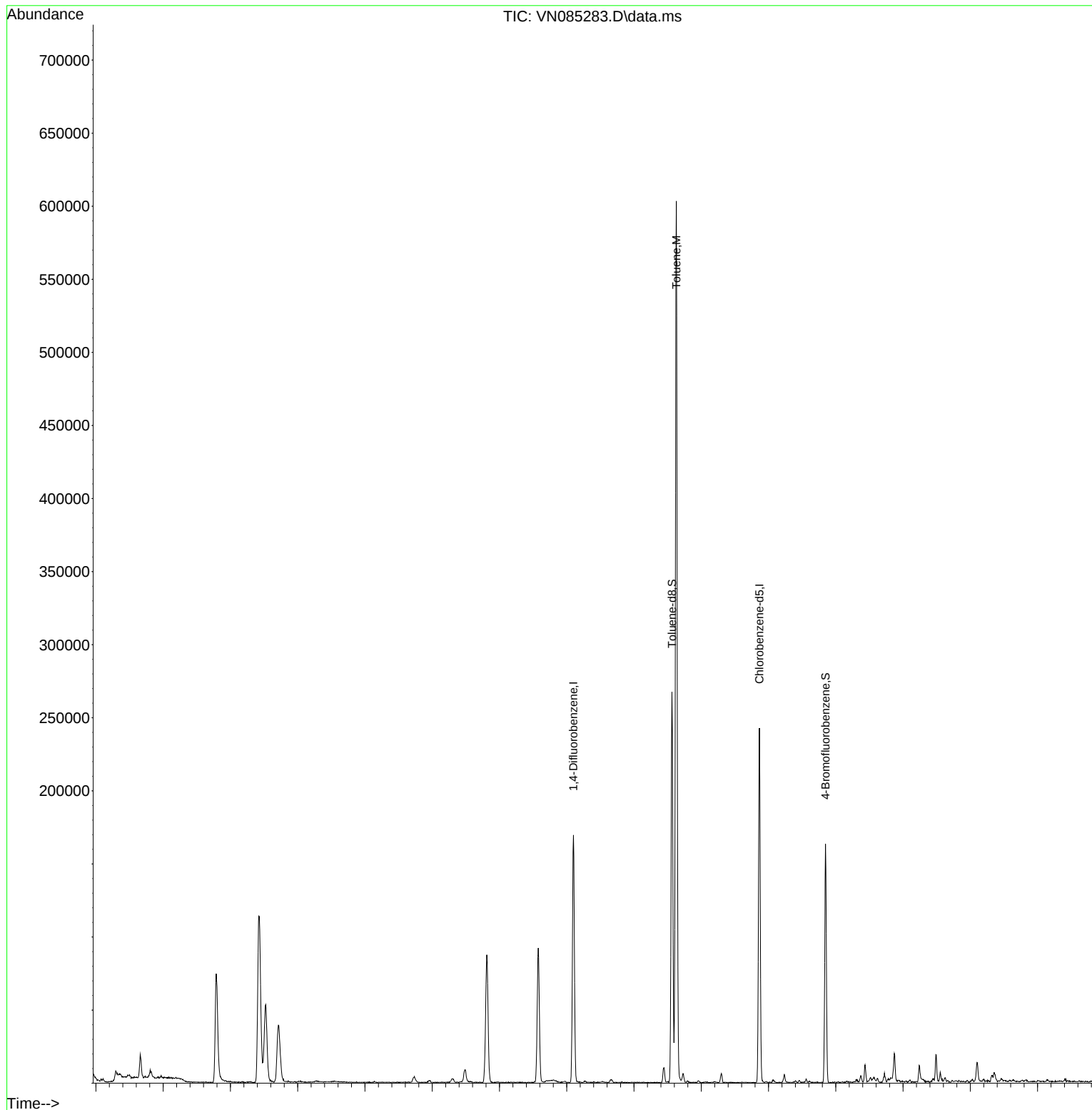
Internal Standards						
1) Bromochloromethane	7.812	128	28685	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	135357	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	132214	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	76041	30.134	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.433%
60) 4-Bromofluorobenzene	12.847	95	52806	24.657	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	82.200%
63) Toluene-d8	10.565	98	176303	27.308	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	91.033%
Target Compounds						
					Qvalue	
15) Acetone	4.418	58	66019	255.693	ug/l	97
30) 2-Butanone	7.488	43	15074	12.151	ug/l #	83
58) 4-Methyl-2-Pentanone	10.447	43	7918	2.954	ug/l	94
62) Toluene	10.629	91	445389	54.833	ug/l	100
82) p-Isopropyltoluene	13.723	119	2787	0.438	ug/l	95

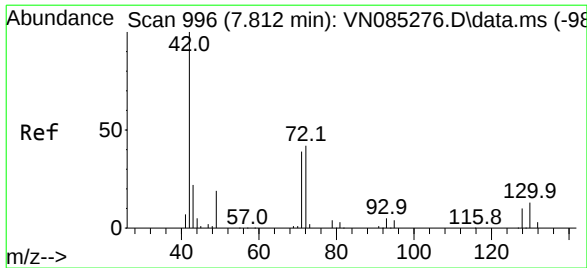
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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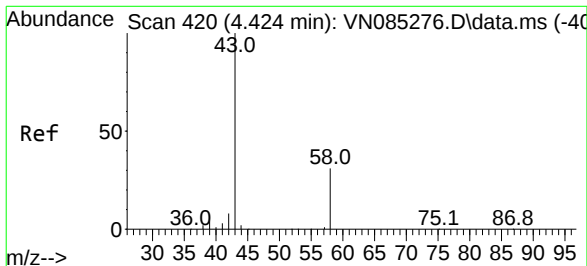
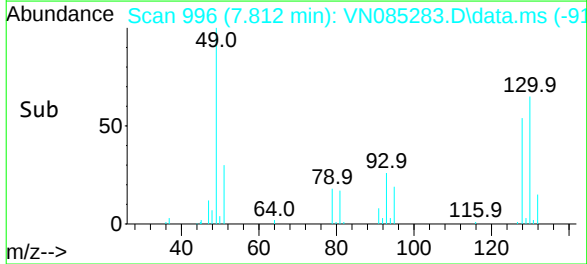
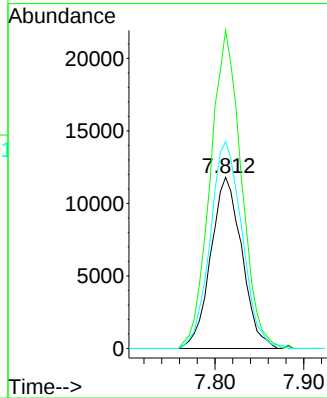
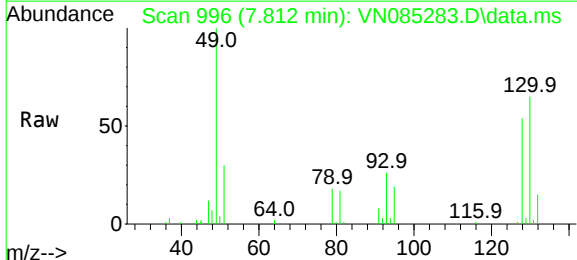




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN085283.D
Acq: 20 Dec 2024 15:07

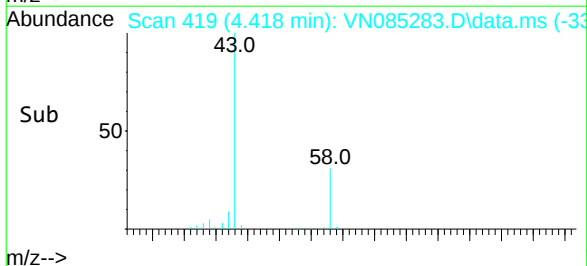
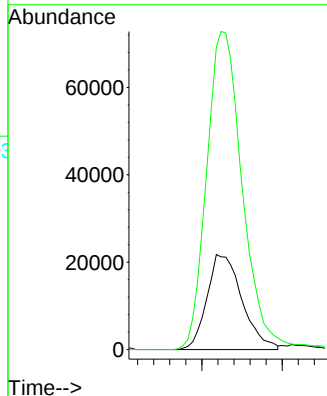
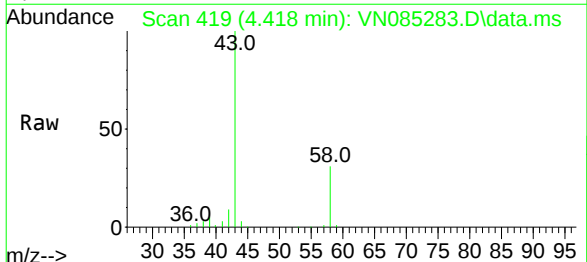
Instrument :
MSVOA_N
ClientSampleId :
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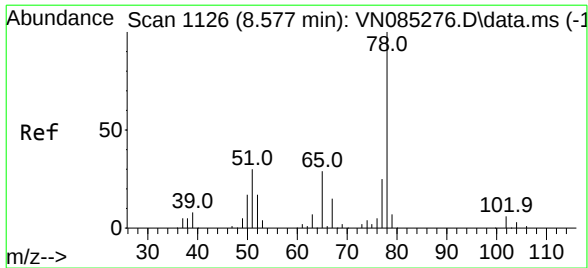
Tgt Ion:	128	Resp:	28685
Ion	Ratio	Lower	Upper
128	100		
49	185.5	0.0	497.8
130	124.1	0.0	328.5



#15
Acetone
Concen: 255.693 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.012 min
Lab File: VN085283.D
Acq: 20 Dec 2024 15:07

Tgt Ion:	58	Resp:	66019
Ion	Ratio	Lower	Upper
58	100		
43	317.6	258.8	388.2

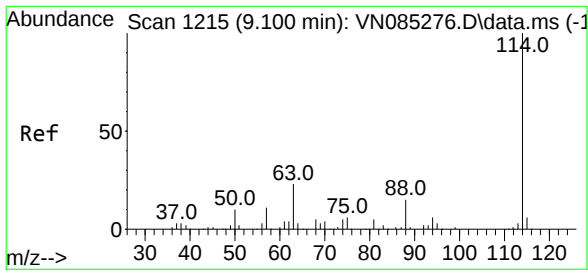
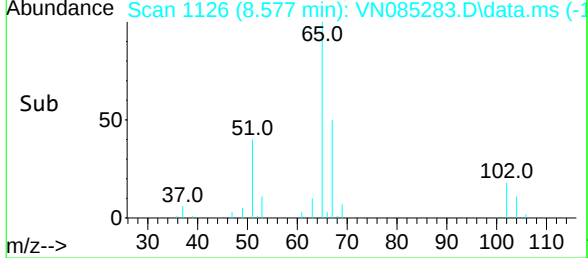
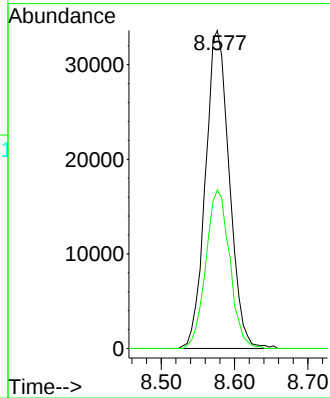
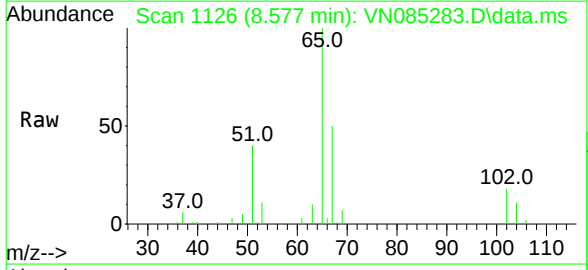




#27
1,2-Dichloroethane-d4
Concen: 30.134 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085283.D
Acq: 20 Dec 2024 15:07

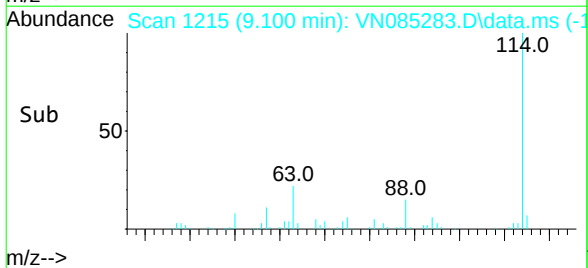
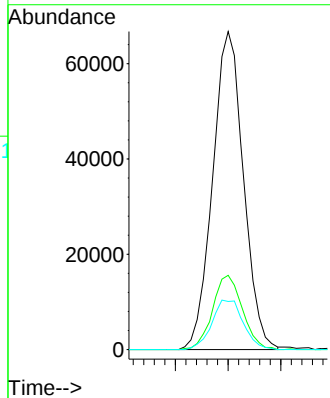
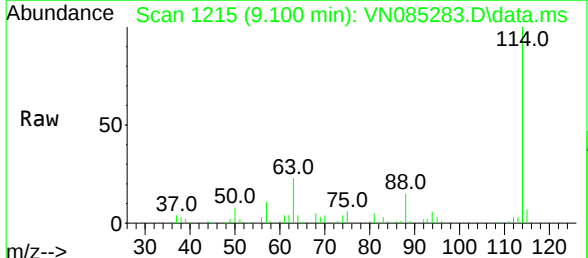
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(DEC)

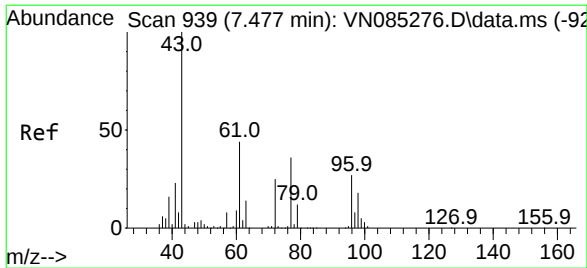
Tgt Ion:	65	Resp:	76041
Ion Ratio	Lower	Upper	
65	100		
67	49.8	42.0	63.0



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN085283.D
Acq: 20 Dec 2024 15:07

Tgt Ion:	114	Resp:	135357
Ion Ratio	Lower	Upper	
114	100		
63	22.6	18.0	27.0
88	15.9	12.9	19.3

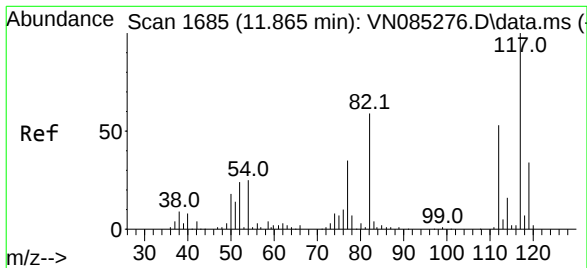
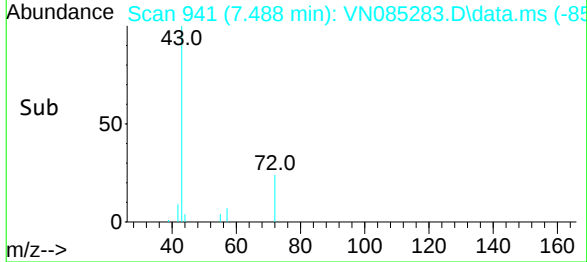
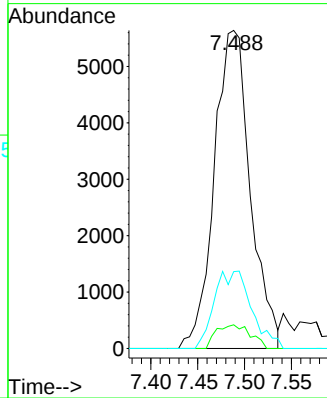
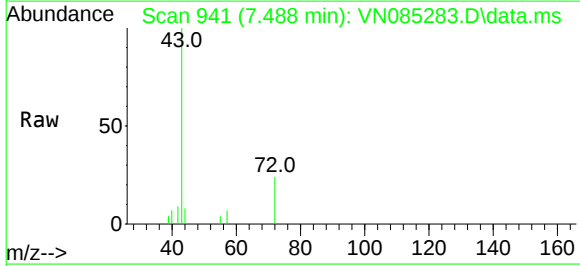




#30
2-Butanone
Concen: 12.151 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN085283.D
Acq: 20 Dec 2024 15:07

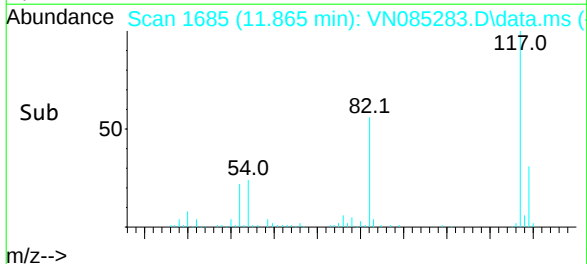
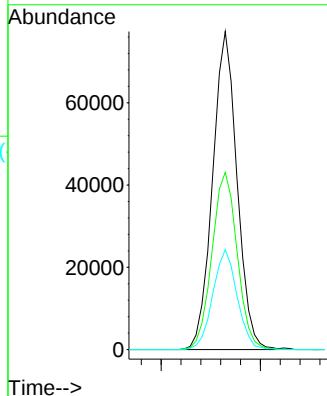
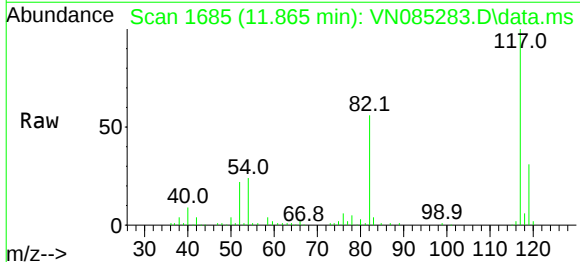
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(DEC)

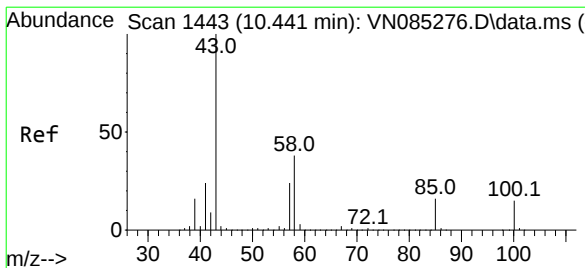
Tgt Ion: 43 Resp: 15074
Ion Ratio Lower Upper
43 100
57 7.1 6.2 9.2
72 14.2 19.9 29.9#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085283.D
Acq: 20 Dec 2024 15:07

Tgt Ion: 117 Resp: 132214
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.0
119 31.3 25.3 37.9





#58

4-Methyl-2-Pentanone

Concen: 2.954 ug/l

RT: 10.447 min Scan# 1443

Delta R.T. 0.006 min

Lab File: VN085283.D

Acq: 20 Dec 2024 15:07

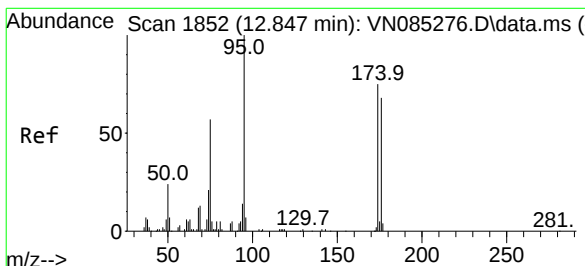
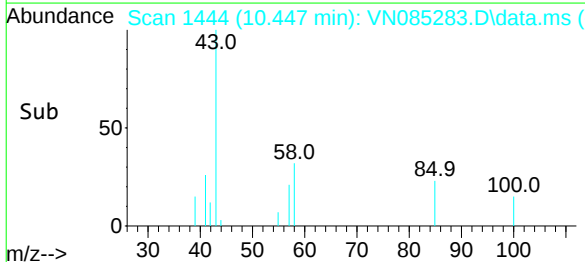
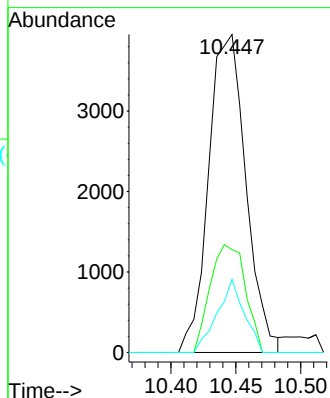
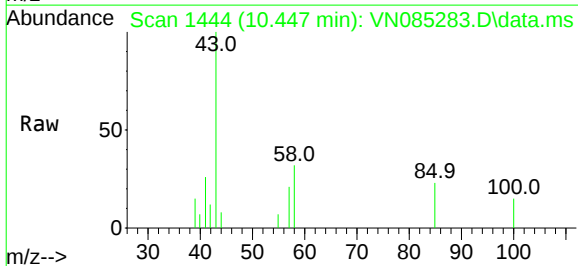
Instrument :

MSVOA_N

ClientSampleId :

002-35TH-AVE(DEC)

Tgt Ion:	43	Resp:	7918
Ion	Ratio	Lower	Upper
43	100		
58	32.0	29.2	43.8
85	16.6	12.8	19.2



#60

4-Bromofluorobenzene

Concen: 24.657 ug/l

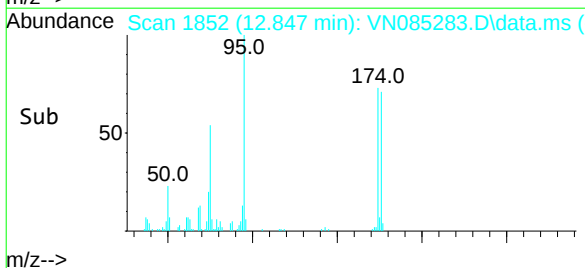
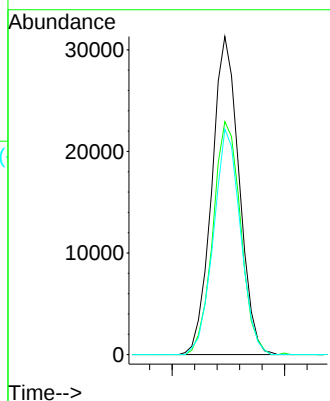
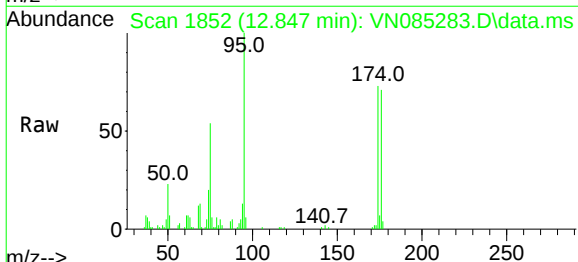
RT: 12.847 min Scan# 1852

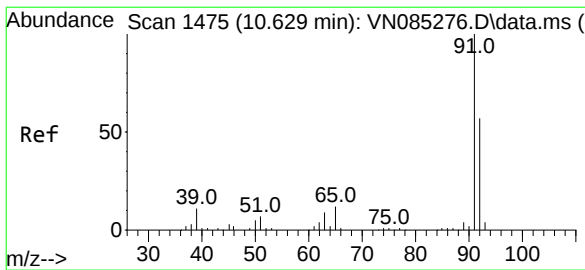
Delta R.T. 0.000 min

Lab File: VN085283.D

Acq: 20 Dec 2024 15:07

Tgt Ion:	95	Resp:	52806
Ion	Ratio	Lower	Upper
95	100		
174	73.9	57.8	86.8
176	69.9	57.1	85.7





#62

Toluene

Concen: 54.833 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN085283.D

Acq: 20 Dec 2024 15:07

Instrument :

MSVOA_N

ClientSampleId :

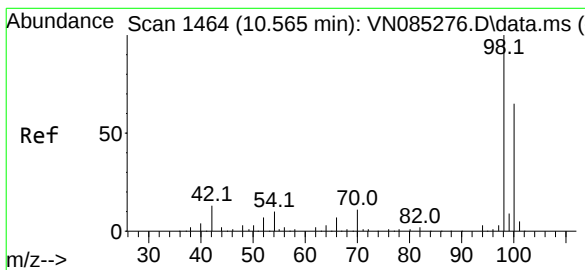
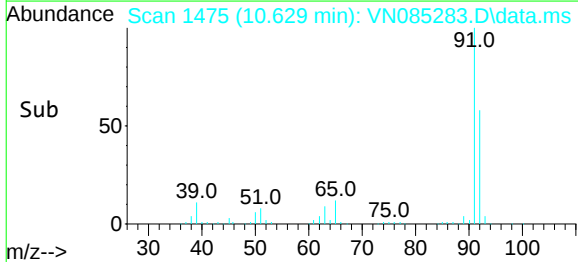
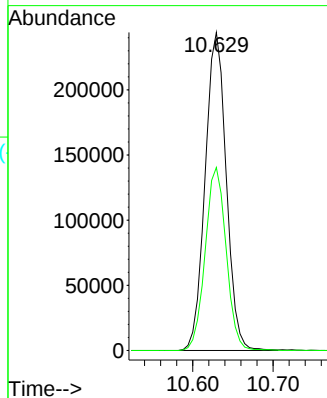
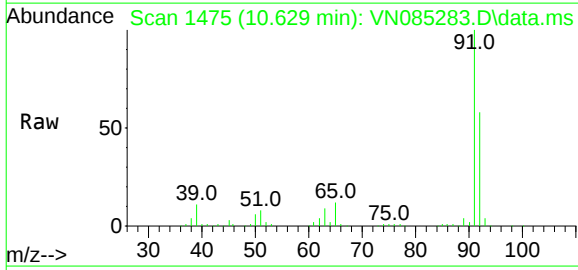
002-35TH-AVE(DEC)

Tgt Ion: 91 Resp: 445389

Ion Ratio Lower Upper

91 100

92 57.2 45.9 68.9



#63

Toluene-d8

Concen: 27.308 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085283.D

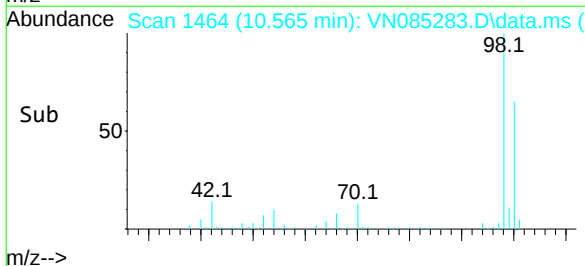
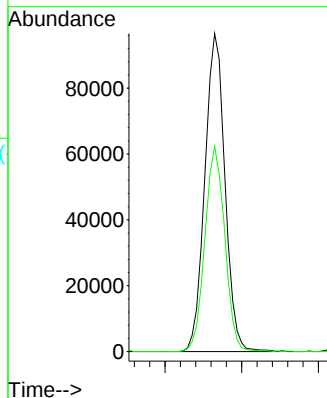
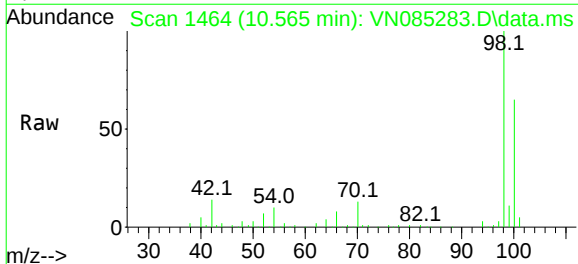
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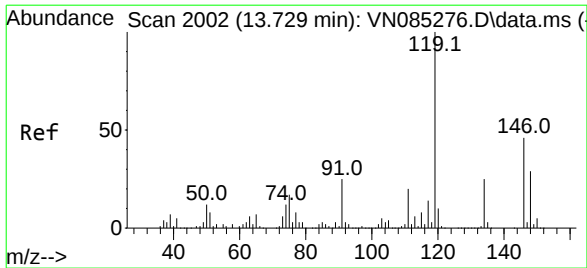
Tgt Ion: 98 Resp: 176303

Ion Ratio Lower Upper

98 100

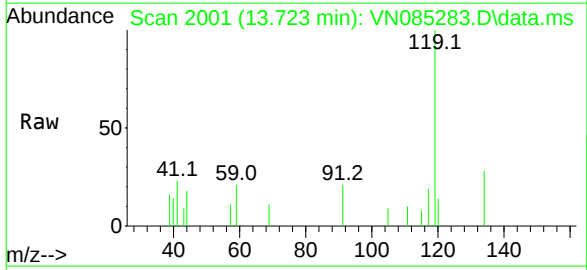
100 63.6 50.8 76.2





#82
p-Isopropyltoluene
Concen: 0.438 ug/l
RT: 13.723 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN085283.D
Acq: 20 Dec 2024 15:07

Instrument :
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Tgt Ion:	119	Resp:	2787
Ion	Ratio	Lower	Upper
119	100		
134	28.5	0.0	51.4
91	27.9	0.0	51.4

