

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101322\
 Data File : VN074897.D
 Acq On : 13 Oct 2022 16:04
 Operator : JC\MD
 Sample : N5089-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Oct 14 05:06:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 13 07:52:24 2022
 Response via : Initial Calibration

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

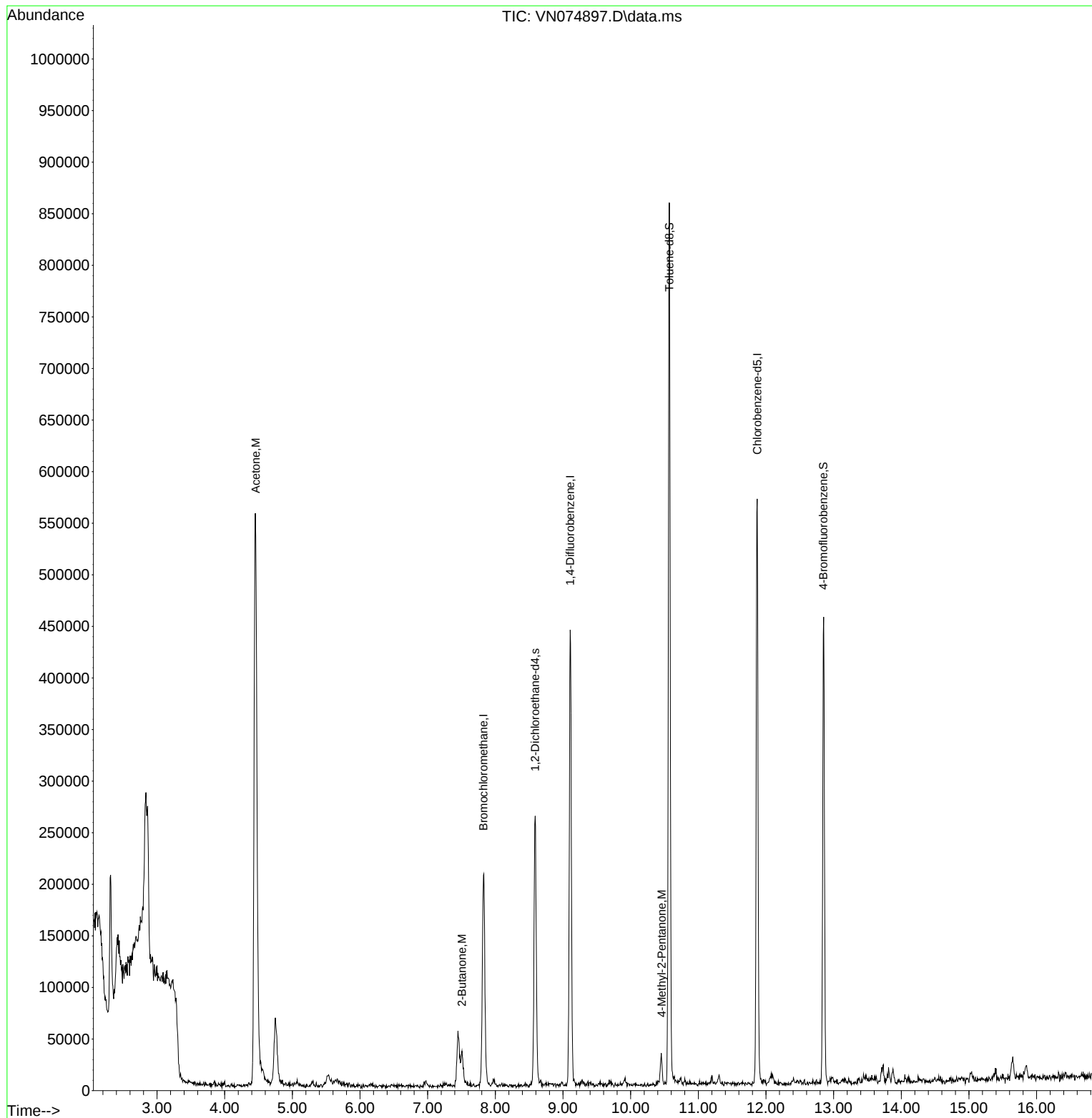
Internal Standards						
1) Bromochloromethane	7.824	128	69601	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	382451	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	330460	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.589	65	188899	28.989	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.633%
60) 4-Bromofluorobenzene	12.847	95	144416	24.643	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	82.133%
63) Toluene-d8	10.571	98	573063	30.047	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.167%
Target Compounds						
15) Acetone	4.459	58	346573	331.164	ug/l	Qvalue 97
30) 2-Butanone	7.506	43	45319	8.231	ug/l #	95
58) 4-Methyl-2-Pentanone	10.459	43	20117	1.957	ug/l #	81

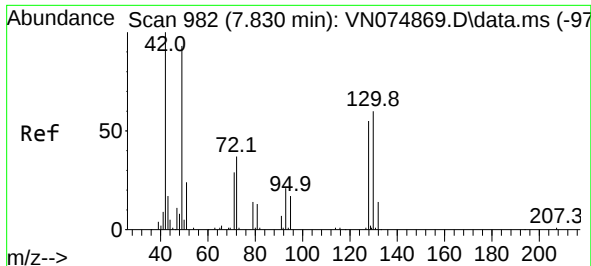
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101322\
Data File : VN074897.D
Acq On : 13 Oct 2022 16:04
Operator : JC\MD
Sample : N5089-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Oct 14 05:06:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101222W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Oct 13 07:52:24 2022
Response via : Initial Calibration

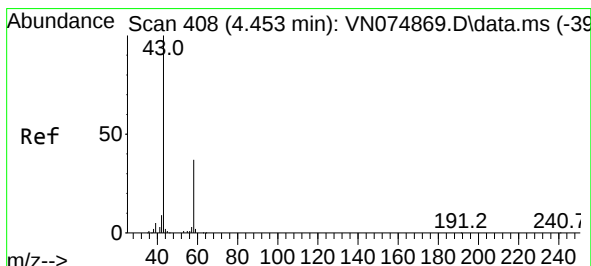
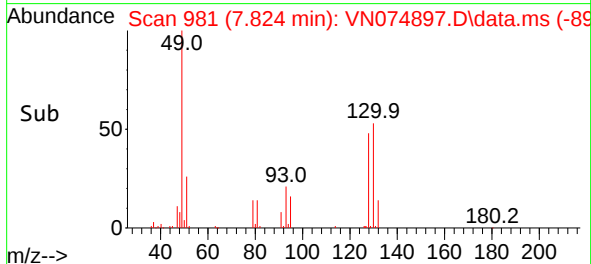
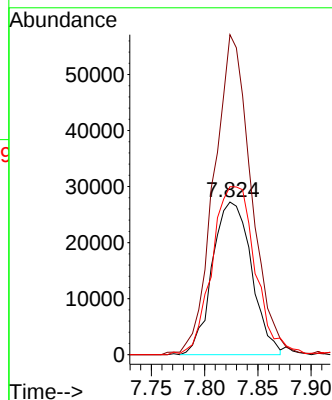
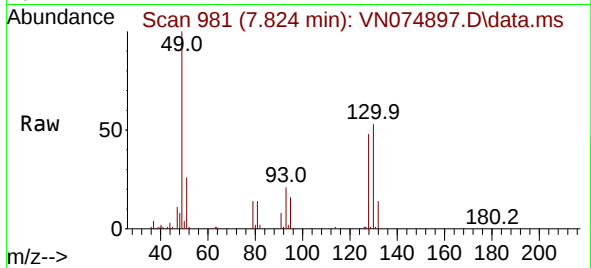




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074897.D
Acq: 13 Oct 2022 16:04

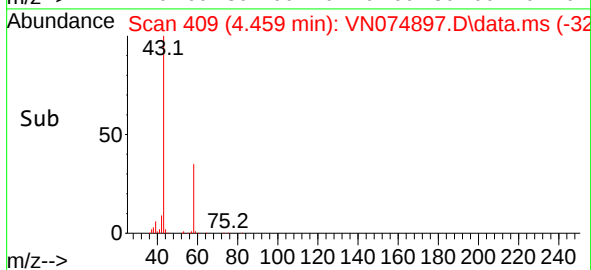
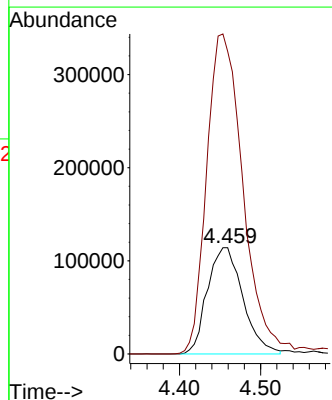
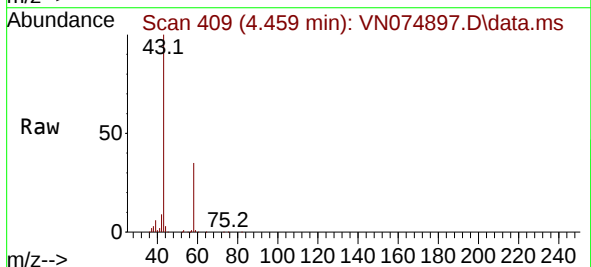
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(OCT)

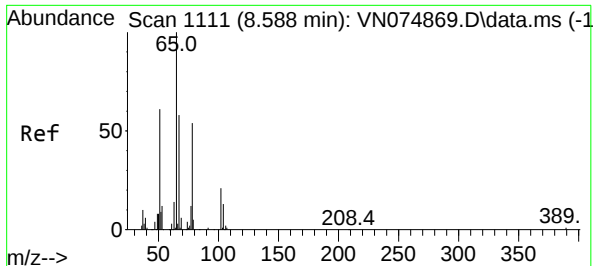
Tgt Ion:128 Resp: 69601
Ion Ratio Lower Upper
128 100
49 197.1 0.0 492.0
130 121.4 0.0 313.3



#15
Acetone
Concen: 331.164 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.006 min
Lab File: VN074897.D
Acq: 13 Oct 2022 16:04

Tgt Ion: 58 Resp: 346573
Ion Ratio Lower Upper
58 100
43 283.7 232.2 348.4





#27

1,2-Dichloroethane-d4

Concen: 28.989 ug/l

RT: 8.589 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VN074897.D

Acq: 13 Oct 2022 16:04

Instrument :

MSVOA_N

ClientSampleId :

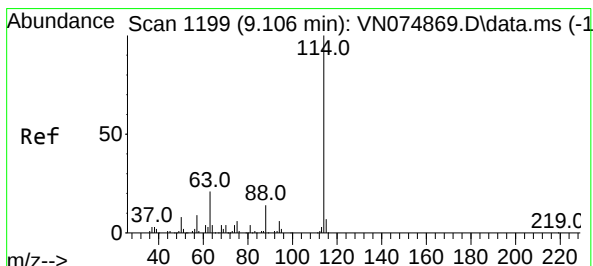
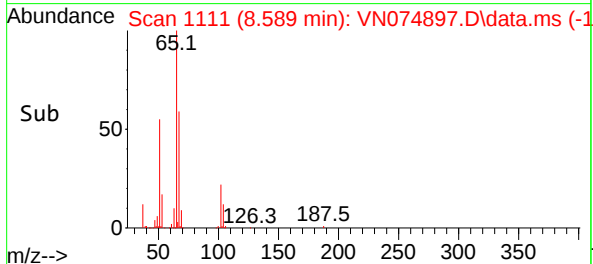
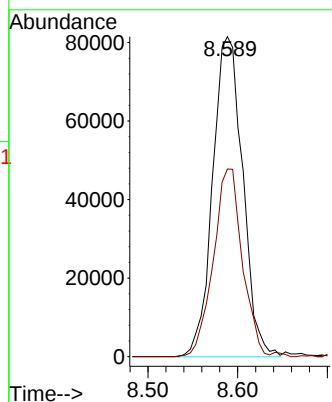
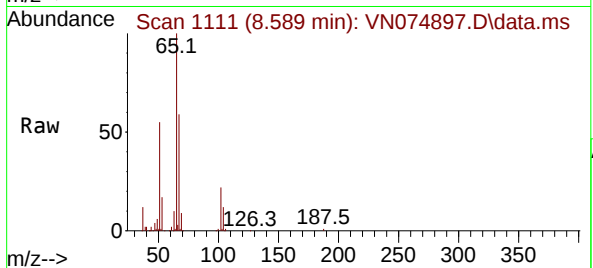
002-35TH-AVE(OCT)

Tgt Ion: 65 Resp: 188899

Ion Ratio Lower Upper

65 100

67 56.8 45.2 67.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN074897.D

Acq: 13 Oct 2022 16:04

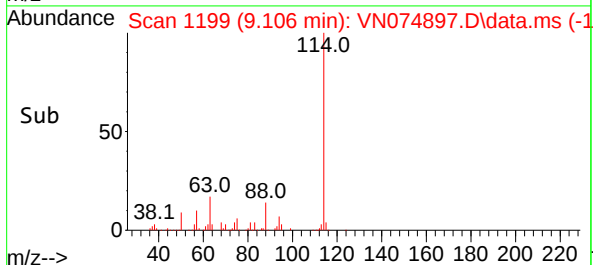
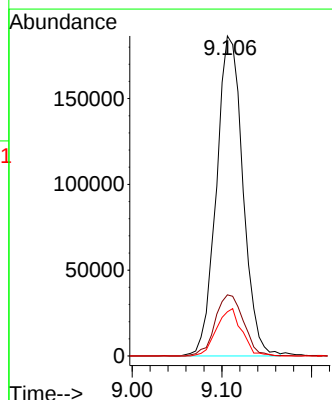
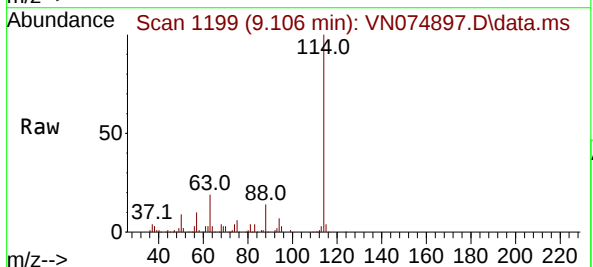
Tgt Ion: 114 Resp: 382451

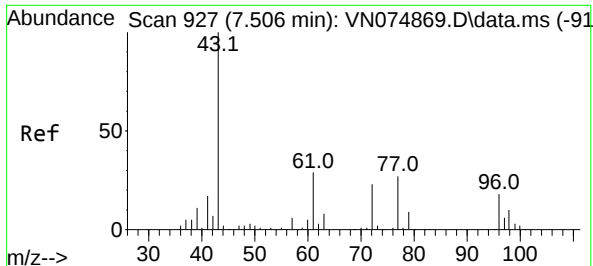
Ion Ratio Lower Upper

114 100

63 20.5 16.6 25.0

88 13.9 12.2 18.4

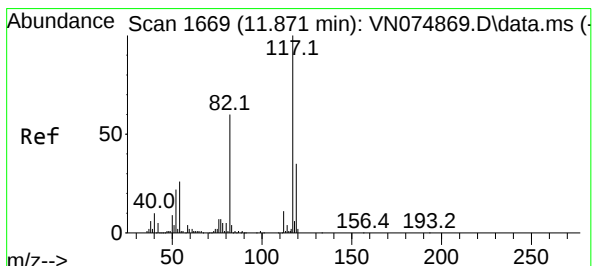
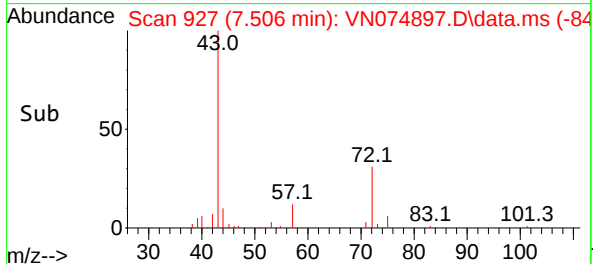
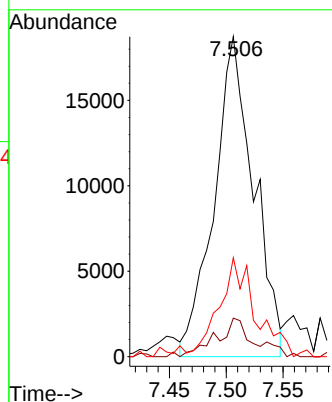
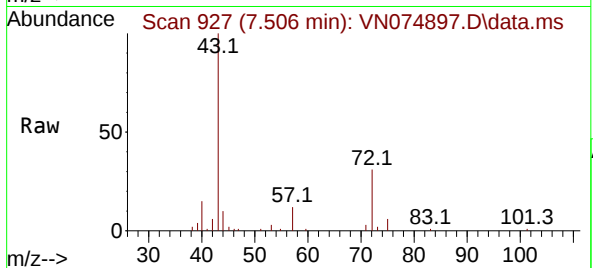




#30
2-Butanone
Concen: 8.231 ug/l
RT: 7.506 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074897.D
Acq: 13 Oct 2022 16:04

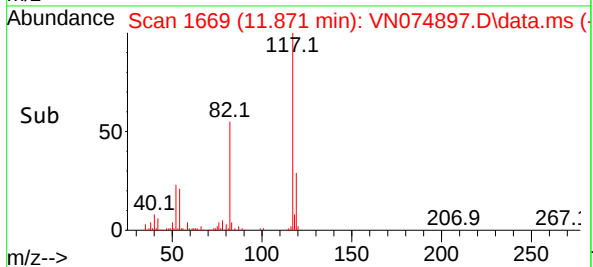
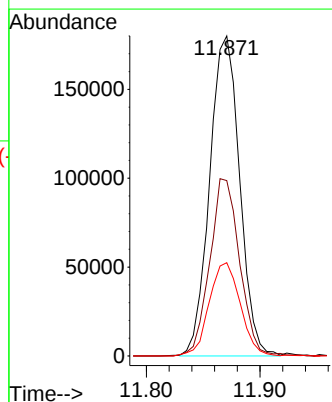
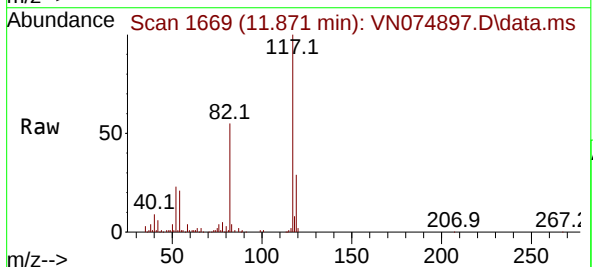
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(OCT)

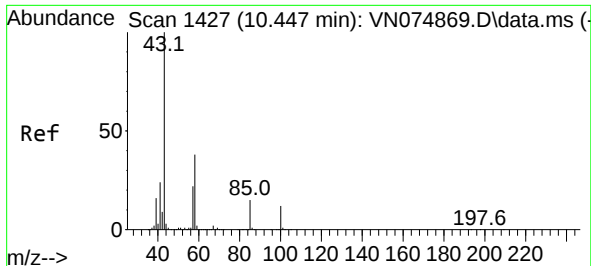
Tgt Ion: 43 Resp: 45319
Ion Ratio Lower Upper
43 100
57 6.1 6.3 9.5#
72 23.8 21.0 31.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN074897.D
Acq: 13 Oct 2022 16:04

Tgt Ion: 117 Resp: 330460
Ion Ratio Lower Upper
117 100
82 55.1 44.6 67.0
119 30.2 25.6 38.4

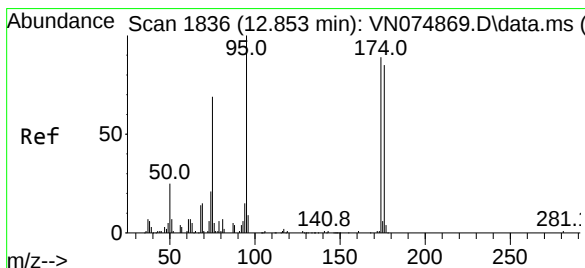
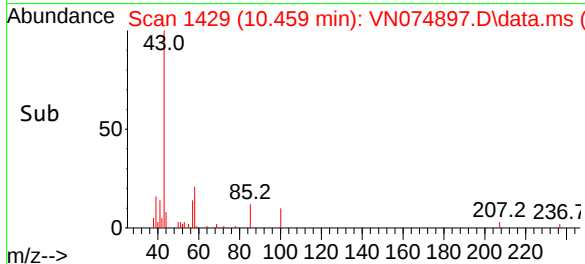
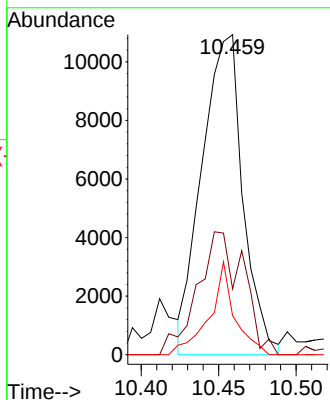
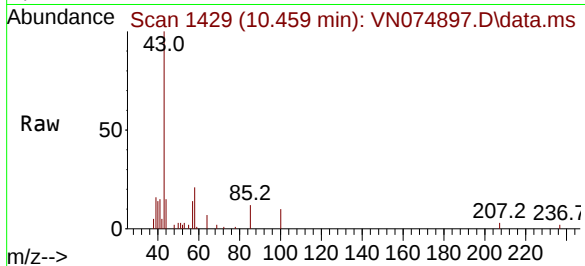




#58
4-Methyl-2-Pentanone
Concen: 1.957 ug/l
RT: 10.459 min Scan# 1429
Delta R.T. 0.012 min
Lab File: VN074897.D
Acq: 13 Oct 2022 16:04

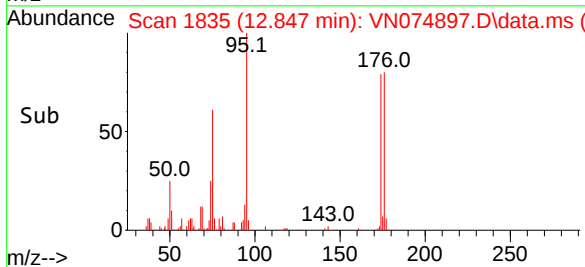
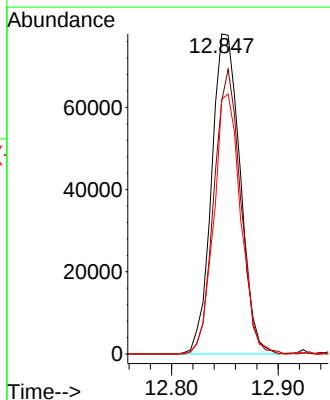
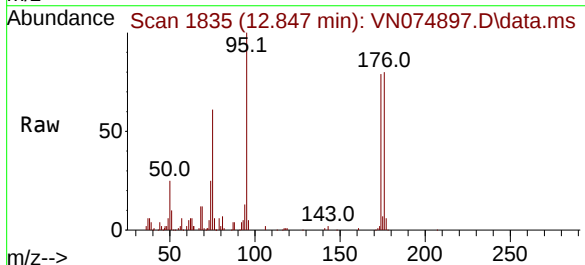
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(OCT)

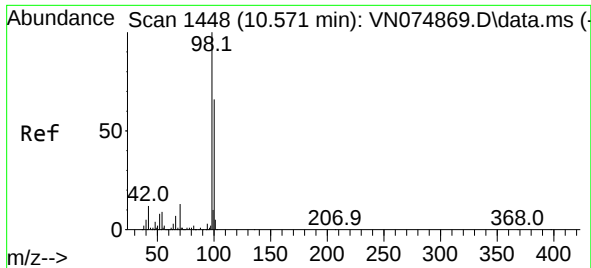
Tgt Ion: 43 Resp: 20117
Ion Ratio Lower Upper
43 100
58 22.9 30.8 46.2#
85 17.7 13.3 19.9



#60
4-Bromofluorobenzene
Concen: 24.643 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN074897.D
Acq: 13 Oct 2022 16:04

Tgt Ion: 95 Resp: 144416
Ion Ratio Lower Upper
95 100
174 83.1 57.8 86.8
176 77.1 57.0 85.4





#63
Toluene-d8
Concen: 30.047 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN074897.D
Acq: 13 Oct 2022 16:04

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

Tgt Ion: 98 Resp: 573063
Ion Ratio Lower Upper
98 100
100 64.1 52.7 79.1

