

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022025\
 Data File : VN085799.D
 Acq On : 20 Feb 2025 15:04
 Operator : JC\MD
 Sample : Q1393-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PURGE-WATER-COMP

Quant Time: Feb 21 00:59:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

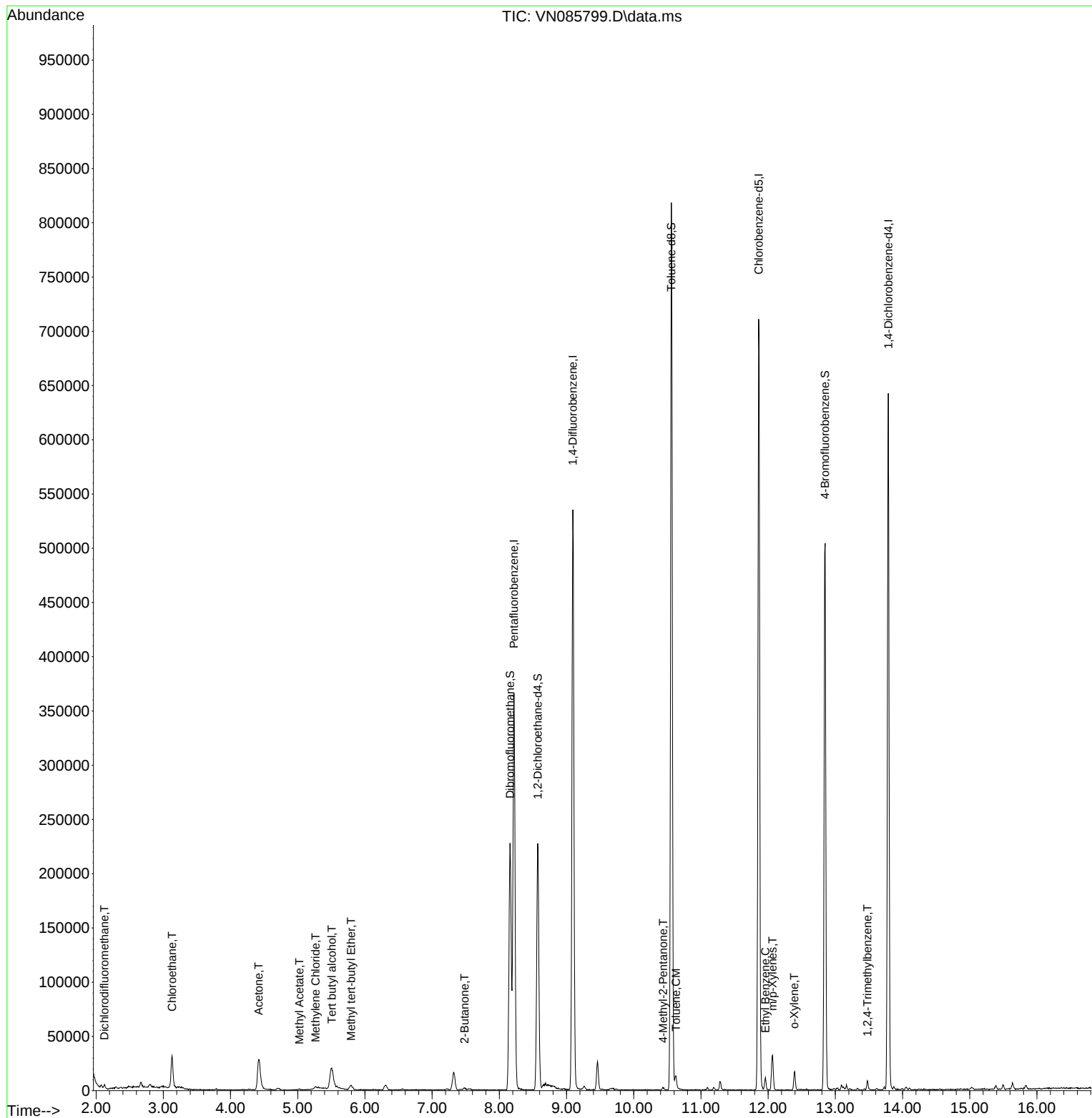
Internal Standards						
1) Pentafluorobenzene	8.218	168	260007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	475267	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	426378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	180515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	186235	55.248	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.500%			
35) Dibromofluoromethane	8.159	113	165948	53.361	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.720%			
50) Toluene-d8	10.559	98	579319	51.200	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.400%			
62) 4-Bromofluorobenzene	12.847	95	183682	49.271	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.540%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	2810	0.795	ug/l	98
6) Chloroethane	3.130	64	29488	11.848	ug/l	95
11) Tert butyl alcohol	5.506	59	34751	83.819	ug/l	99
16) Acetone	4.418	43	56085	52.582	ug/l	97
18) Methyl Acetate	5.024	43	1226	0.334	ug/l #	67
19) Methyl tert-butyl Ether	5.795	73	5052	0.596	ug/l #	47
20) Methylene Chloride	5.265	84	1473	0.429	ug/l #	78
25) 2-Butanone	7.483	43	3358	2.140	ug/l #	89
51) 4-Methyl-2-Pentanone	10.435	43	1998	0.572	ug/l #	78
52) Toluene	10.630	92	4815	0.582	ug/l	92
67) Ethyl Benzene	11.959	91	7645	0.500	ug/l	99
68) m/p-Xylenes	12.065	106	10827	1.863	ug/l	100
69) o-Xylene	12.388	106	4599	0.833	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	5225	0.524	ug/l	99

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

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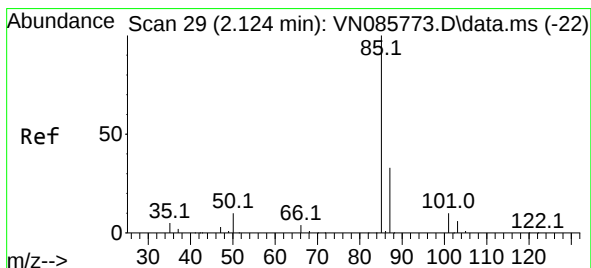
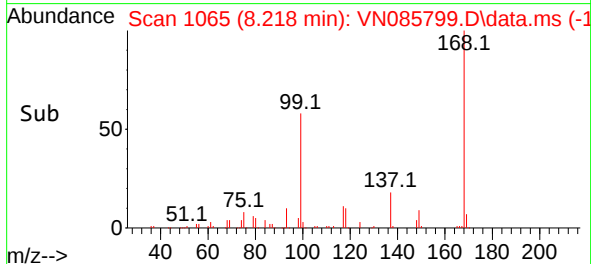
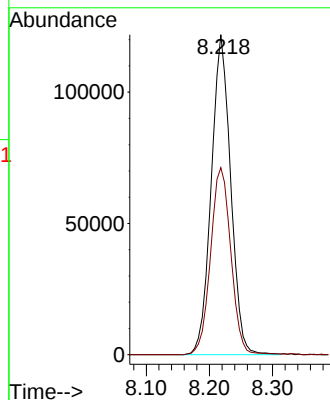
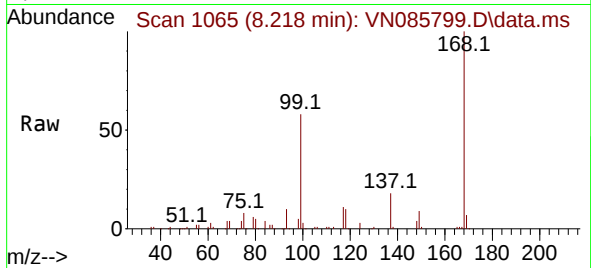




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

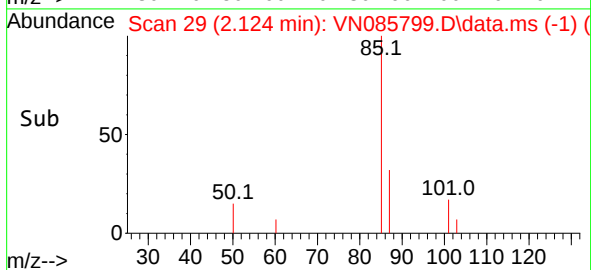
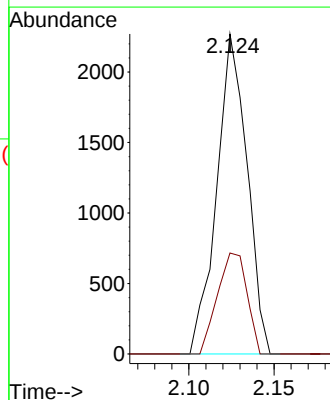
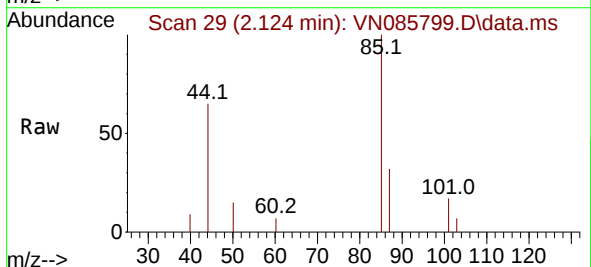
Instrument :
MSVOA_N
ClientSampleId :
PURGE-WATER-COMP

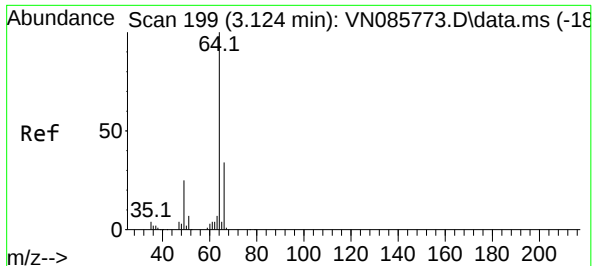
Tgt Ion:168 Resp: 260007
Ion Ratio Lower Upper
168 100
99 58.5 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 0.795 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 85 Resp: 2810
Ion Ratio Lower Upper
85 100
87 31.5 16.4 49.2

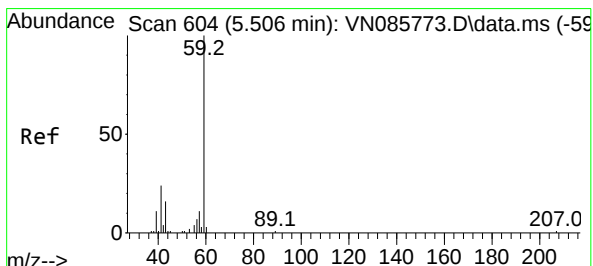
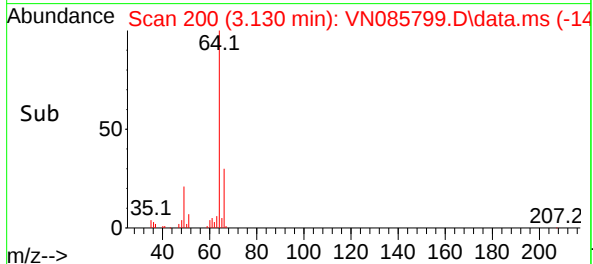
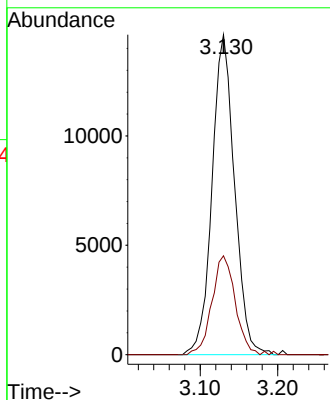
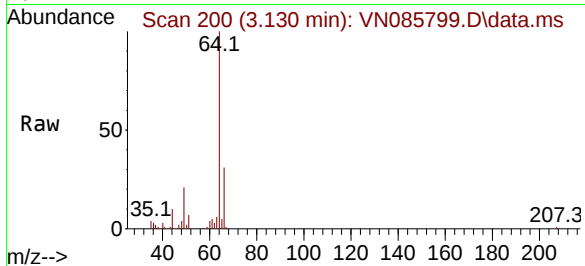




#6
Chloroethane
Concen: 11.848 ug/l
RT: 3.130 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

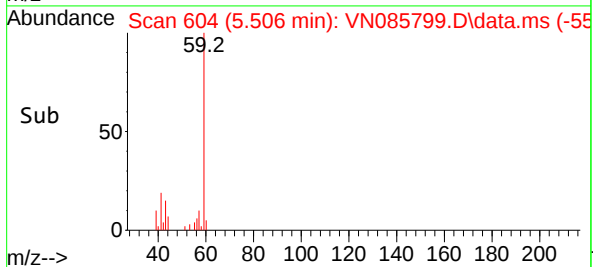
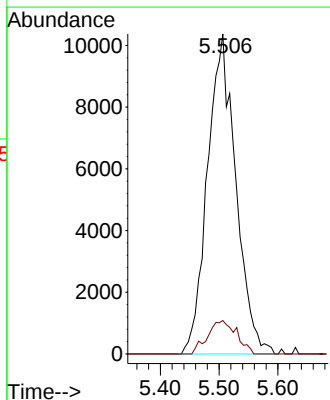
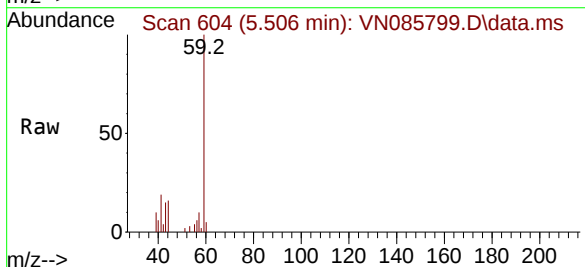
Instrument :
MSVOA_N
ClientSampleId :
PURGE-WATER-COMP

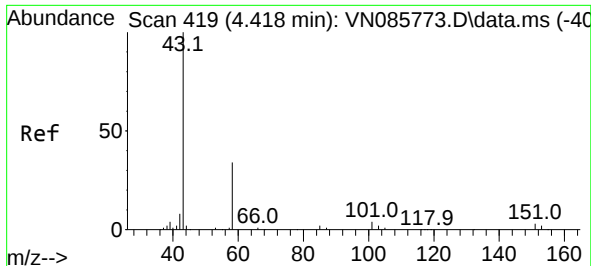
Tgt Ion: 64 Resp: 29488
Ion Ratio Lower Upper
64 100
66 30.9 27.0 40.6



#11
Tert butyl alcohol
Concen: 83.819 ug/l
RT: 5.506 min Scan# 604
Delta R.T. 0.000 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 59 Resp: 34751
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

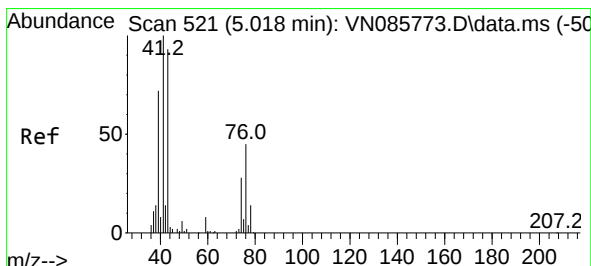
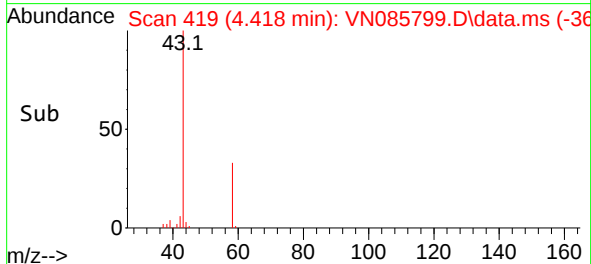
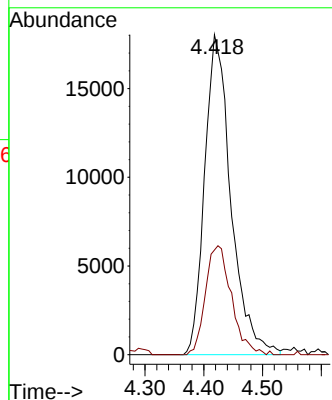
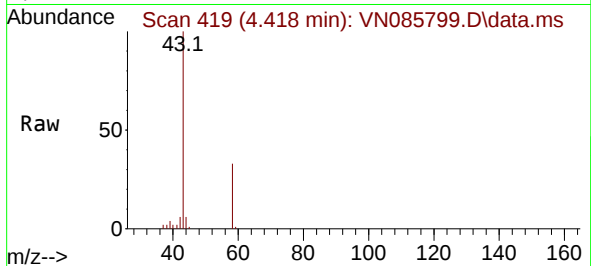




#16
Acetone
Concen: 52.582 ug/l
RT: 4.418 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

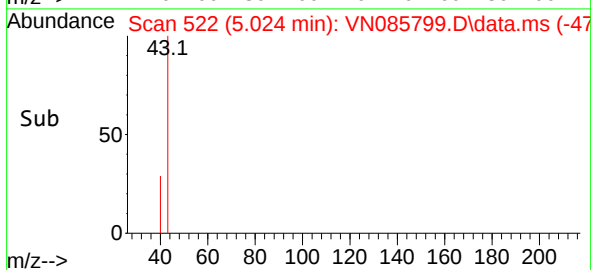
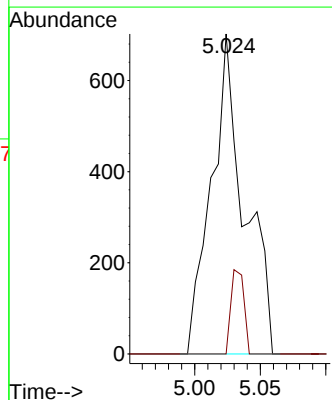
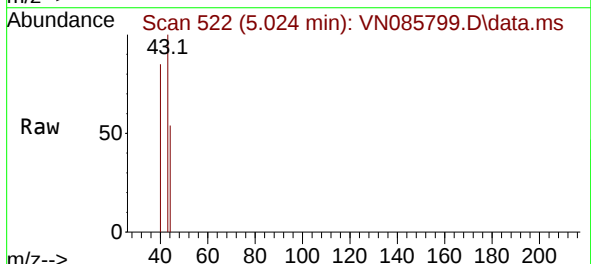
Instrument :
MSVOA_N
ClientSampleId :
PURGE-WATER-COMP

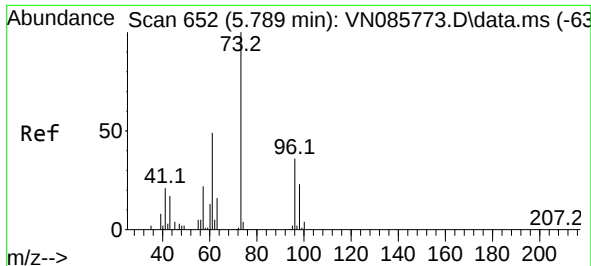
Tgt Ion: 43 Resp: 56085
Ion Ratio Lower Upper
43 100
58 32.7 27.5 41.3



#18
Methyl Acetate
Concen: 0.334 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 43 Resp: 1226
Ion Ratio Lower Upper
43 100
74 10.3 22.2 33.4#

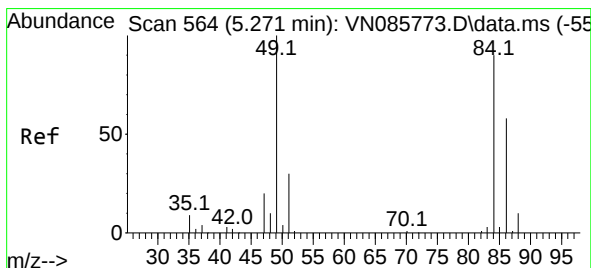
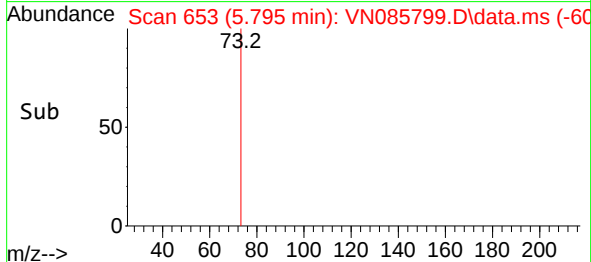
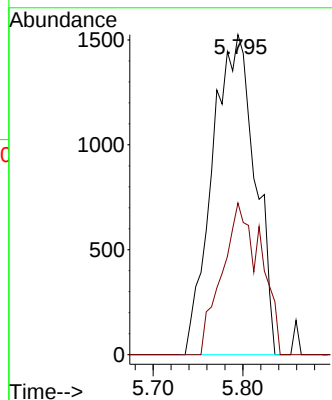
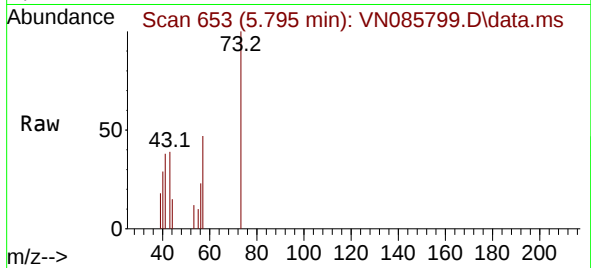




#19
Methyl tert-butyl Ether
Concen: 0.596 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

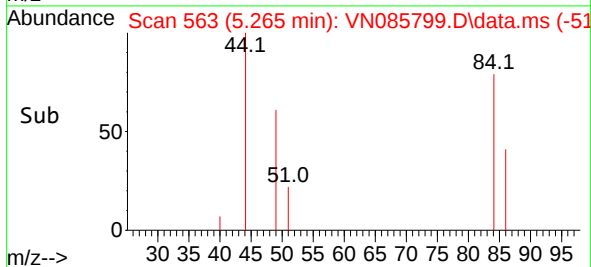
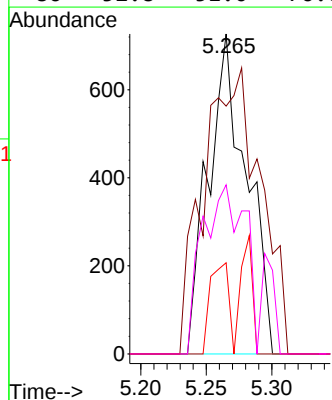
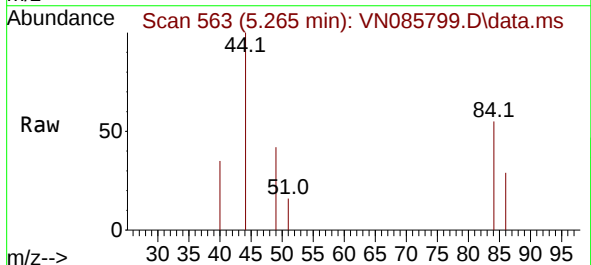
Instrument :
MSVOA_N
ClientSampleId :
PURGE-WATER-COMP

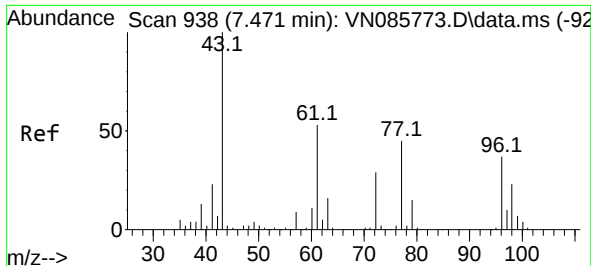
Tgt Ion: 73 Resp: 5052
Ion Ratio Lower Upper
73 100
57 47.4 17.6 26.4#



#20
Methylene Chloride
Concen: 0.429 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 84 Resp: 1473
Ion Ratio Lower Upper
84 100
49 77.4 88.4 132.6#
51 28.5 26.6 40.0
86 52.8 51.0 76.6

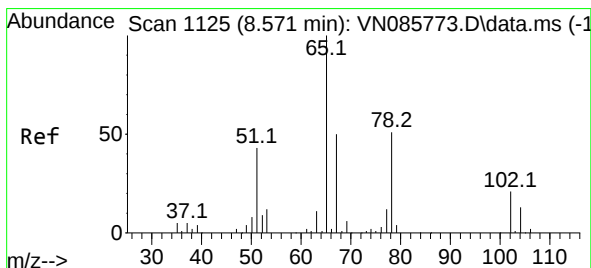
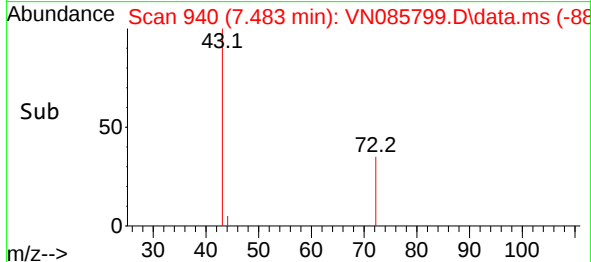
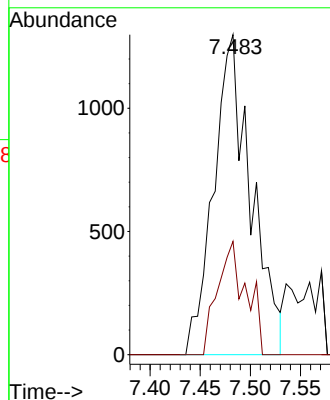
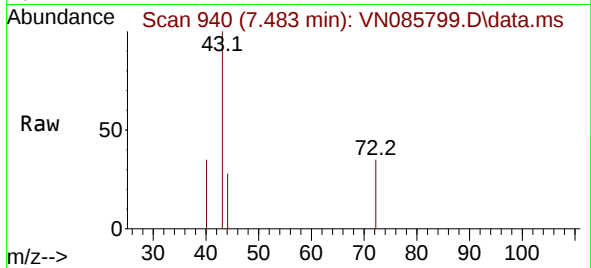




#25
2-Butanone
Concen: 2.140 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

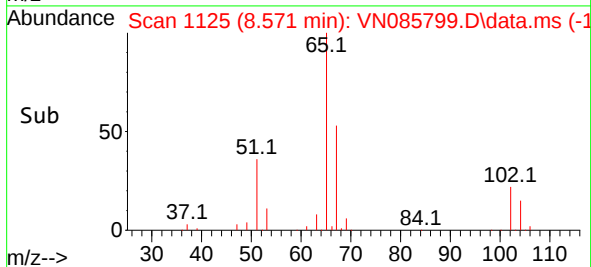
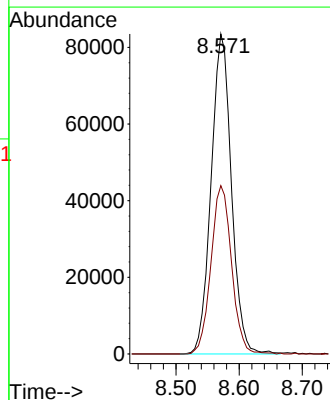
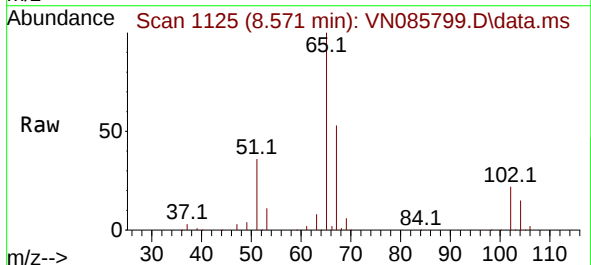
Instrument :
MSVOA_N
ClientSampleId :
PURGE-WATER-COMP

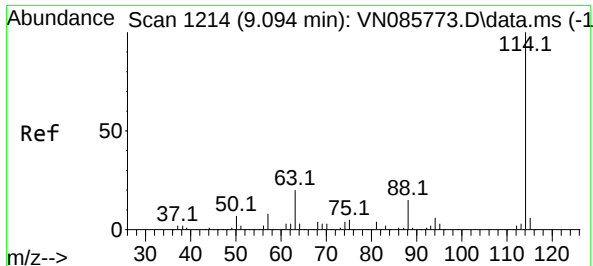
Tgt Ion: 43 Resp: 3358
Ion Ratio Lower Upper
43 100
72 35.4 23.6 35.4#



#33
1,2-Dichloroethane-d4
Concen: 55.248 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 65 Resp: 186235
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN085799.D

Acq: 20 Feb 2025 15:04

Instrument :

MSVOA_N

ClientSampleId :

PURGE-WATER-COMP

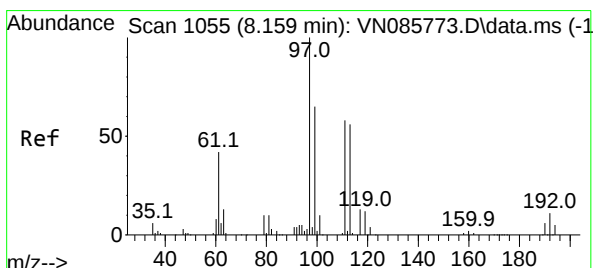
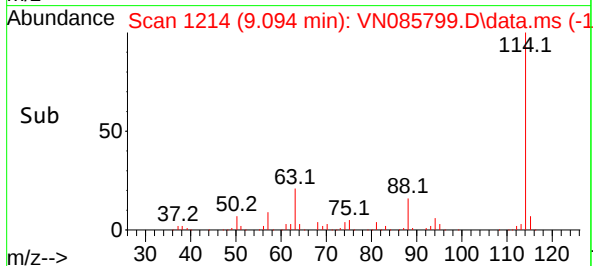
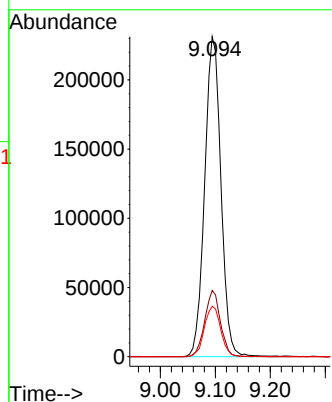
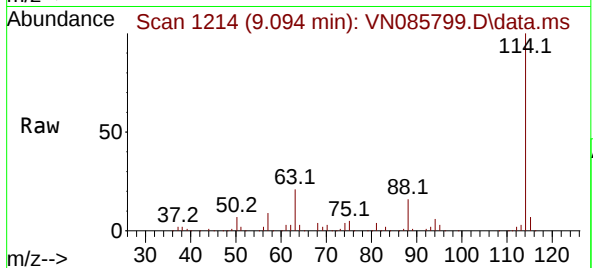
Tgt Ion:114 Resp: 475267

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.2

88 15.7 0.0 30.0



#35

Dibromofluoromethane

Concen: 53.361 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN085799.D

Acq: 20 Feb 2025 15:04

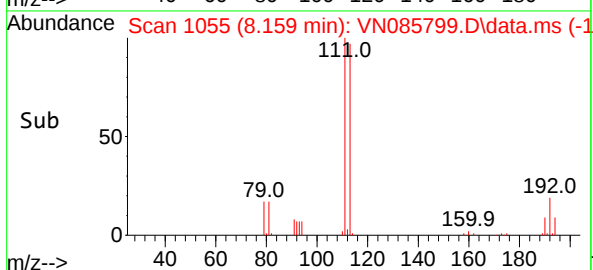
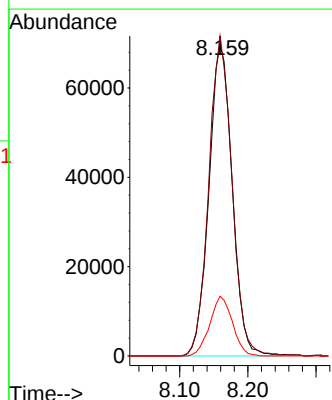
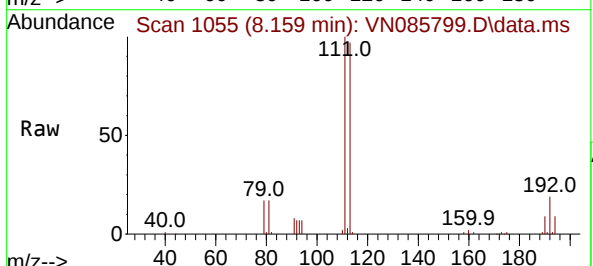
Tgt Ion:113 Resp: 165948

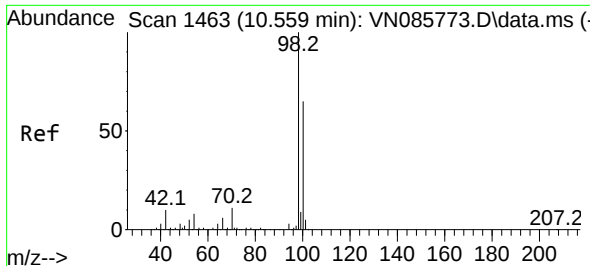
Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

192 18.6 14.7 22.1

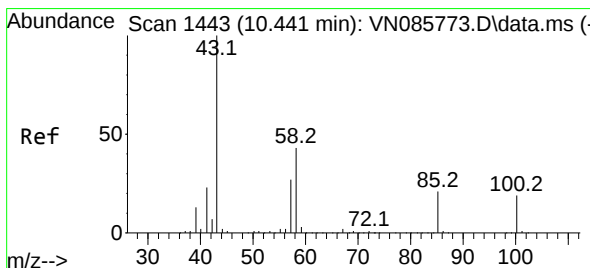
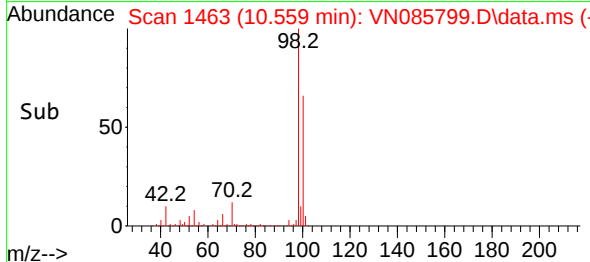
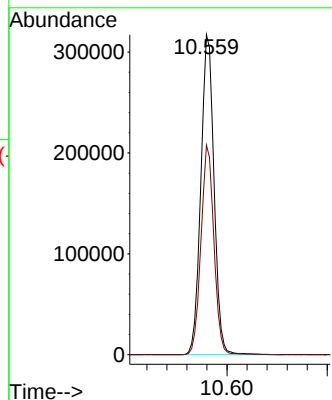
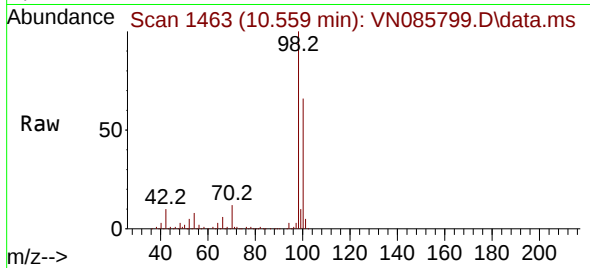




#50
Toluene-d8
Concen: 51.200 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.000 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

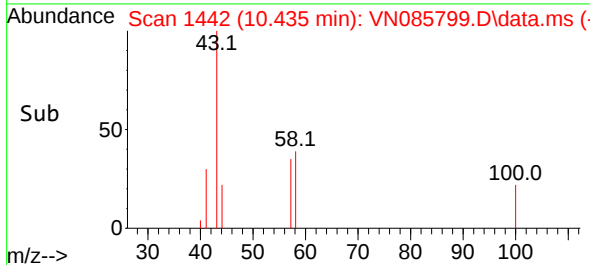
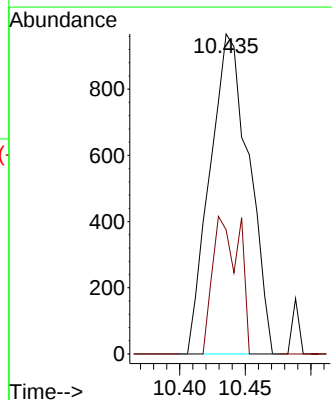
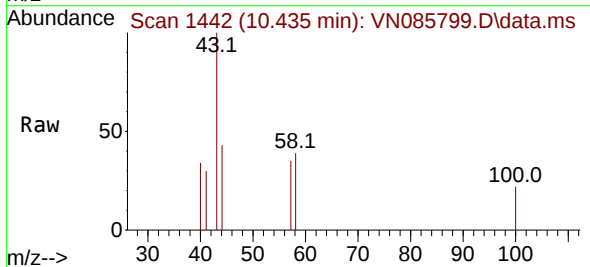
Instrument :
MSVOA_N
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PURGE-WATER-COMP

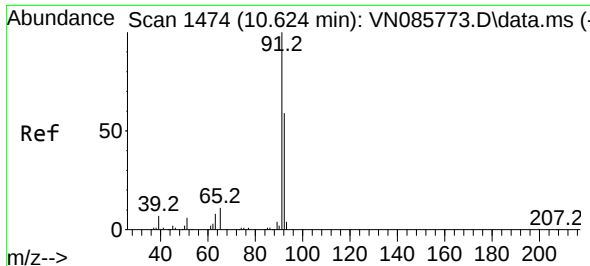
Tgt Ion: 98 Resp: 579319
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.572 ug/l
RT: 10.435 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 43 Resp: 1998
Ion Ratio Lower Upper
43 100
58 29.4 34.6 52.0#

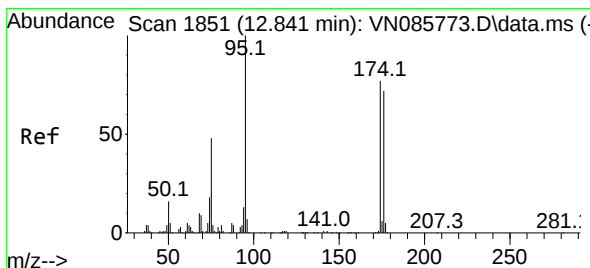
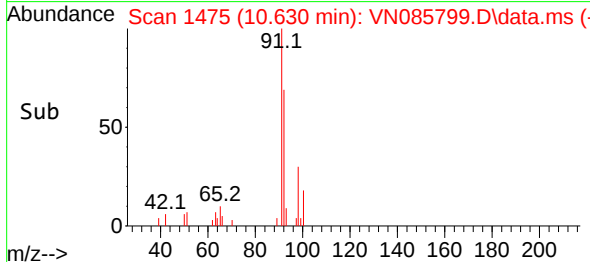
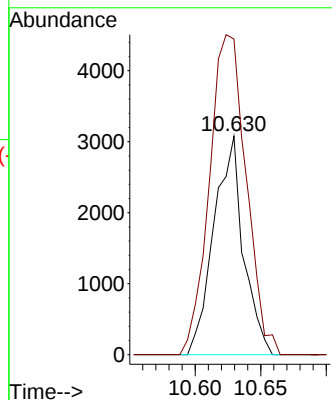
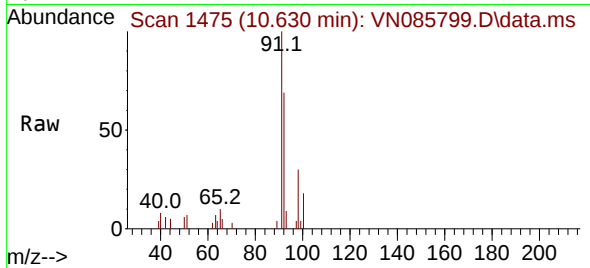




#52
Toluene
Concen: 0.582 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

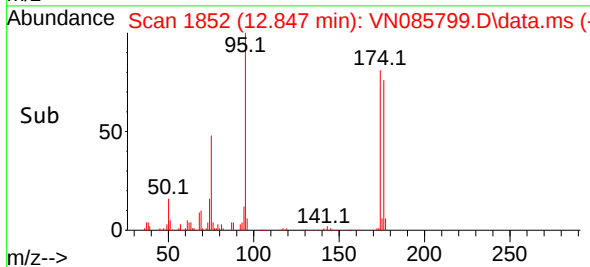
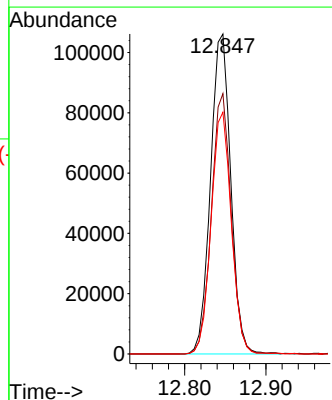
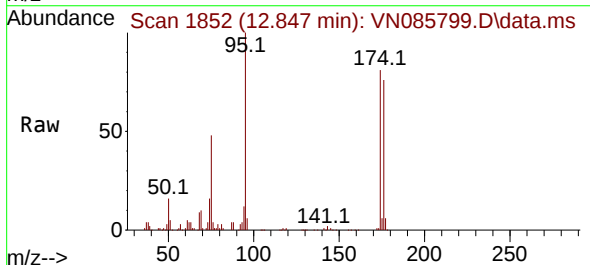
Instrument :
MSVOA_N
ClientSampleId :
PURGE-WATER-COMP

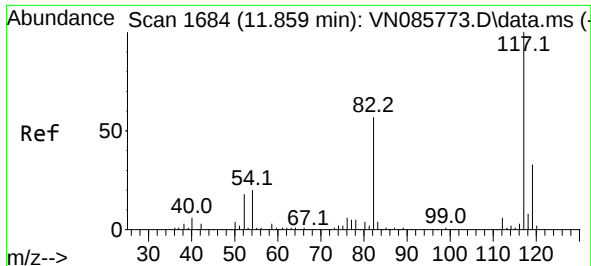
Tgt Ion: 92 Resp: 4815
Ion Ratio Lower Upper
92 100
91 182.8 136.9 205.3



#62
4-Bromofluorobenzene
Concen: 49.271 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 95 Resp: 183682
Ion Ratio Lower Upper
95 100
174 79.9 0.0 152.4
176 75.5 0.0 146.6

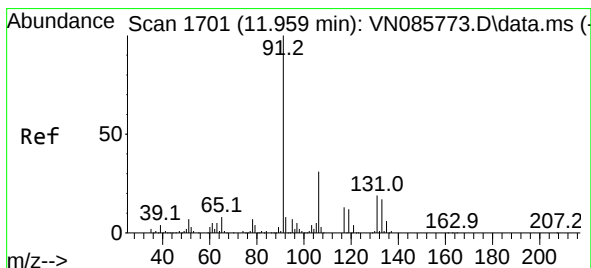
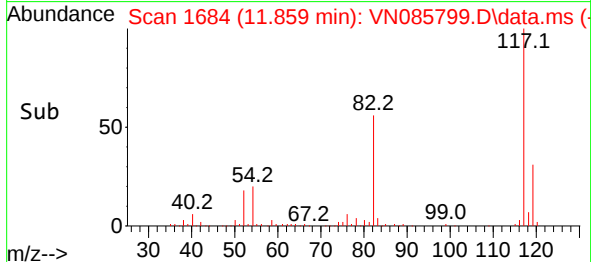
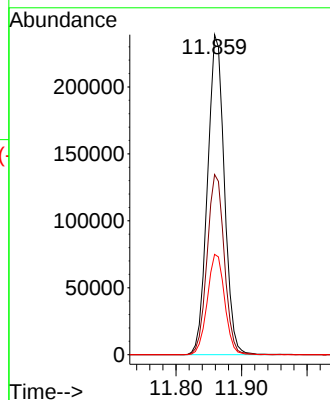
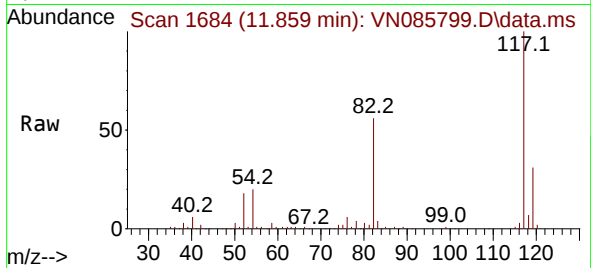




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

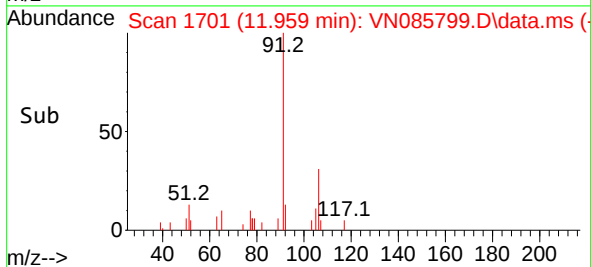
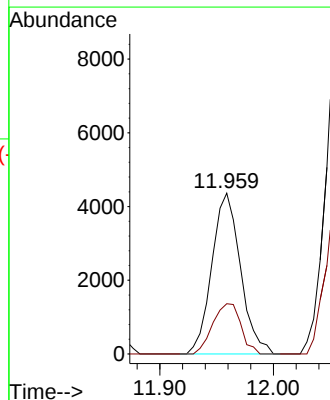
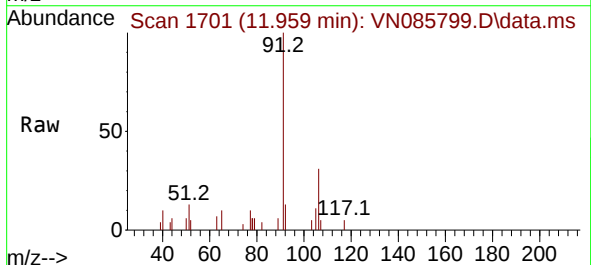
Instrument :
MSVOA_N
ClientSampleId :
PURGE-WATER-COMP

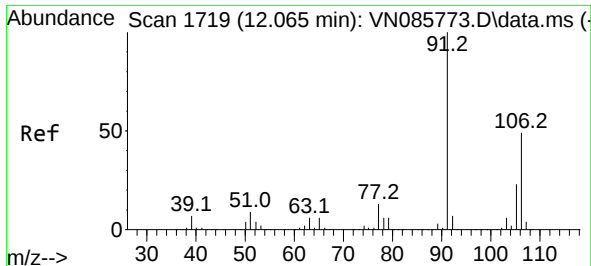
Tgt Ion:117 Resp: 426378
Ion Ratio Lower Upper
117 100
82 56.3 45.7 68.5
119 31.4 26.2 39.2



#67
Ethyl Benzene
Concen: 0.500 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

Tgt Ion: 91 Resp: 7645
Ion Ratio Lower Upper
91 100
106 31.2 24.7 37.1

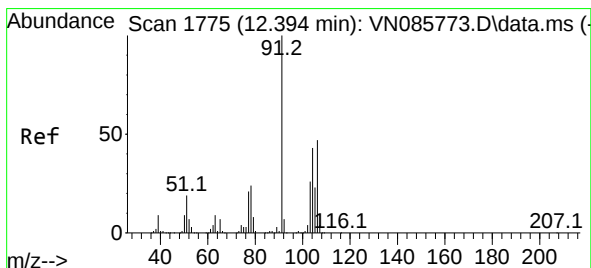
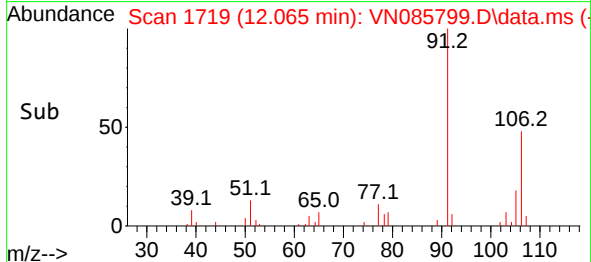
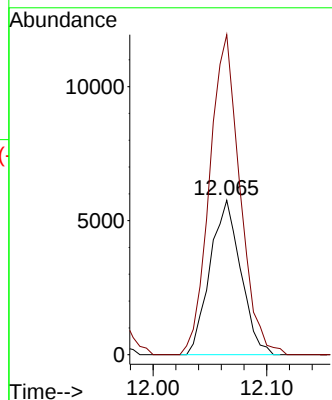
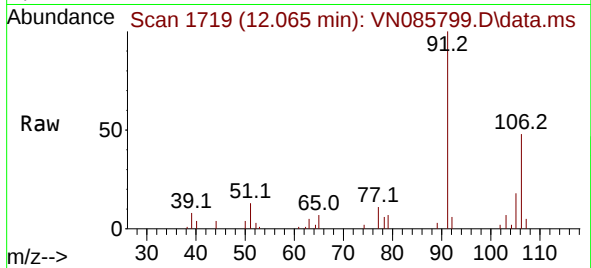




#68
m/p-Xylenes
Concen: 1.863 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

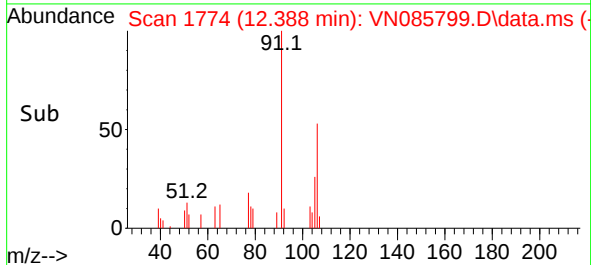
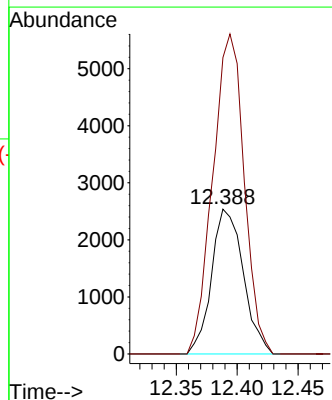
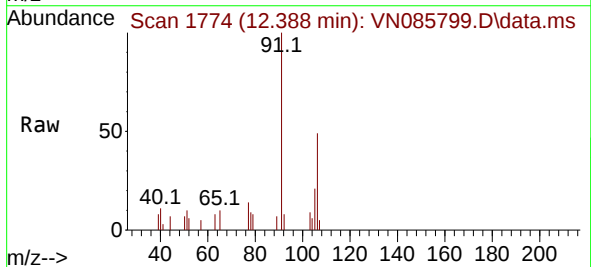
Instrument :
MSVOA_N
ClientSampleId :
PURGE-WATER-COMP

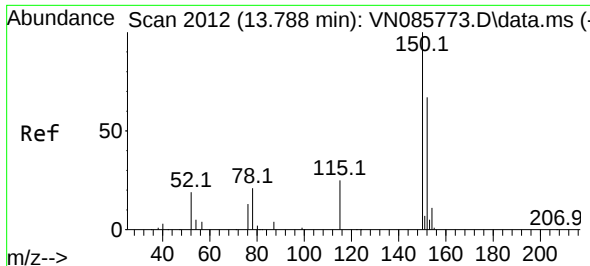
Tgt Ion:106 Resp: 10827
Ion Ratio Lower Upper
106 100
91 204.8 163.3 244.9



#69
o-Xylene
Concen: 0.833 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN085799.D
Acq: 20 Feb 2025 15:04

Tgt Ion:106 Resp: 4599
Ion Ratio Lower Upper
106 100
91 218.8 107.1 321.4

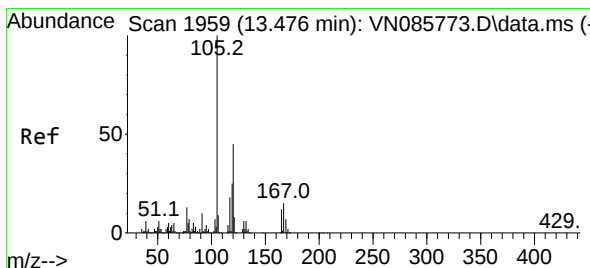
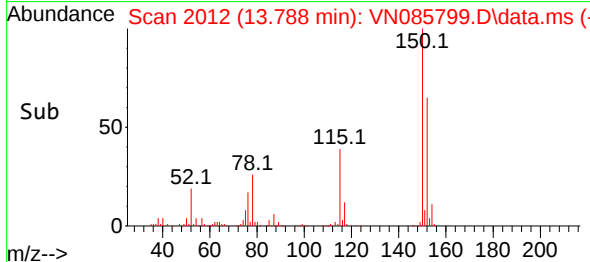
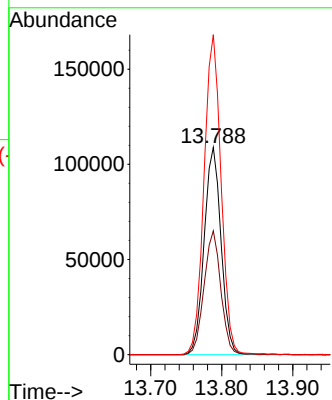
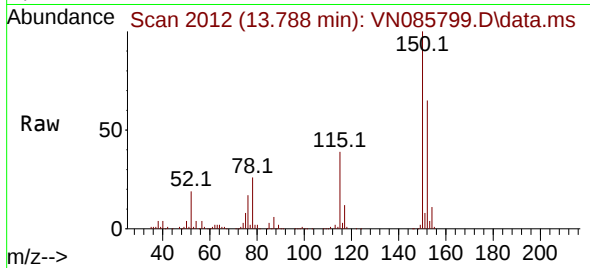




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN085799.D
 Acq: 20 Feb 2025 15:04

Instrument :
 MSVOA_N
 ClientSampleId :
 PURGE-WATER-COMP

Tgt Ion:152 Resp: 180515
 Ion Ratio Lower Upper
 152 100
 115 59.3 30.4 91.3
 150 155.9 0.0 345.4



#84
 1,2,4-Trimethylbenzene
 Concen: 0.524 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VN085799.D
 Acq: 20 Feb 2025 15:04

Tgt Ion:105 Resp: 5225
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.4 67.3

