

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032622\
 Data File : VN071592.D
 Acq On : 26 Mar 2022 23:04
 Operator : JC\MD
 Sample : N2109-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Mar 28 02:22:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:52:40 2022
 Response via : Initial Calibration

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

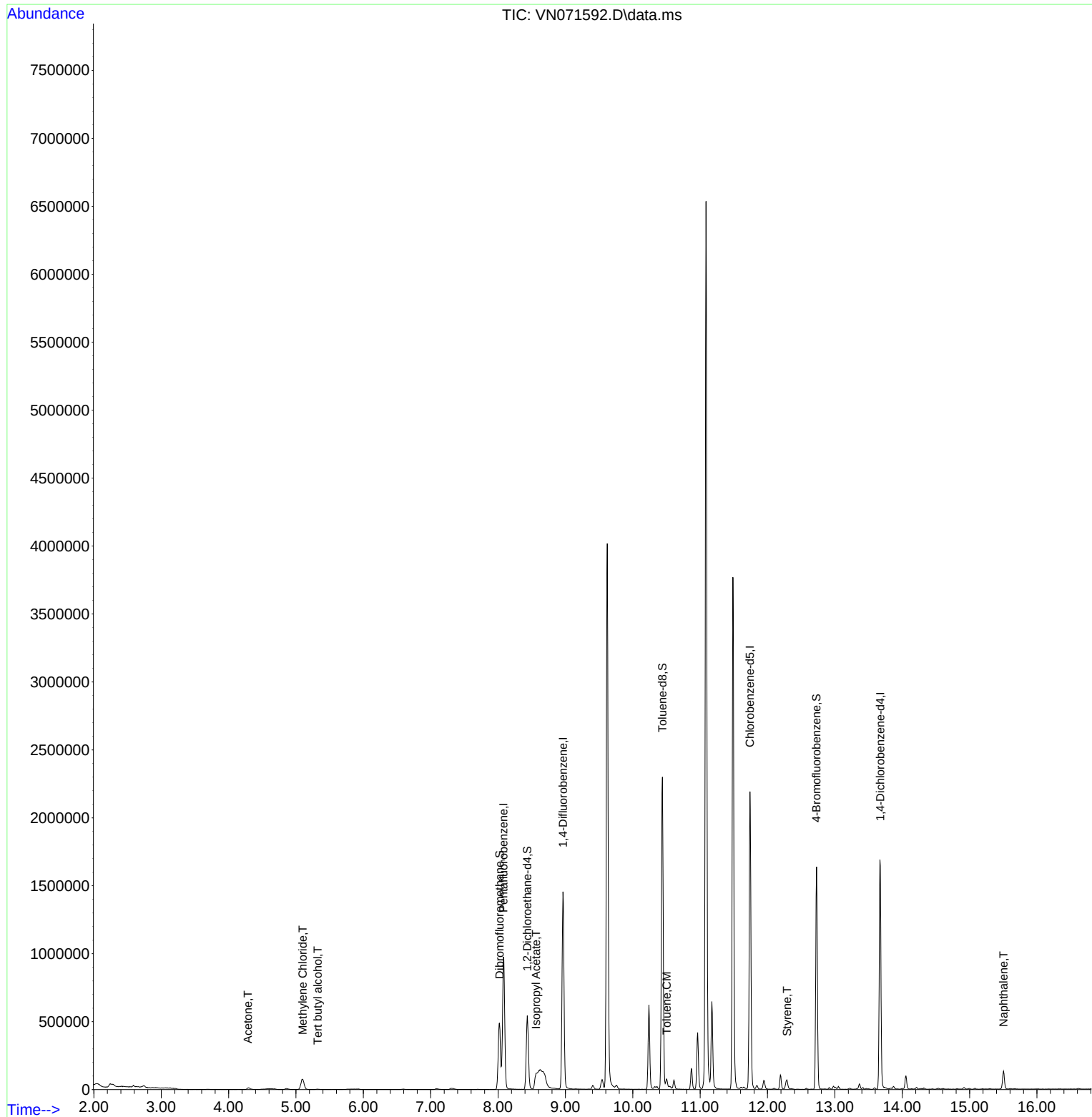
Internal Standards						
1) Pentafluorobenzene	8.081	168	794834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1325716	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1332076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	500541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	451285	45.700	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	91.400%	
35) Dibromofluoromethane	8.022	113	371668	44.609	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	89.220%	
50) Toluene-d8	10.439	98	1659452	49.379	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	98.760%	
62) 4-Bromofluorobenzene	12.727	95	568455	51.624	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	103.240%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.322	59	3065	1.666	ug/l #	72
16) Acetone	4.287	43	23707	5.857	ug/l	99
20) Methylene Chloride	5.098	84	67933	7.203	ug/l	99
43) Isopropyl Acetate	8.563	43	135062	6.095	ug/l #	75
52) Toluene	10.504	92	28625	1.223	ug/l	97
70) Styrene	12.292	104	30562	1.063	ug/l	86
95) Naphthalene	15.504	128	130512	8.008	ug/l	100

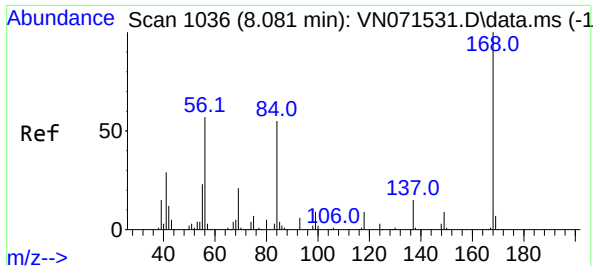
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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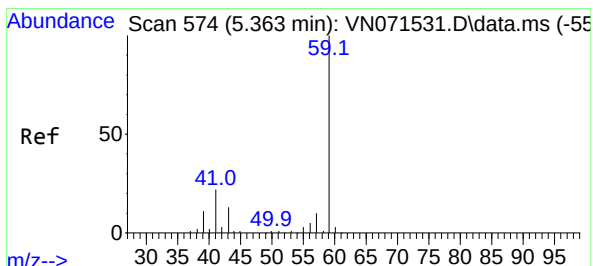
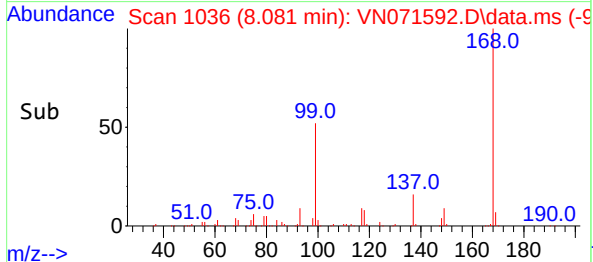
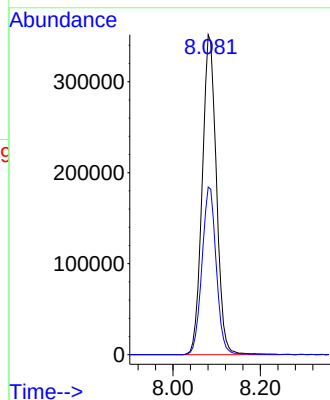
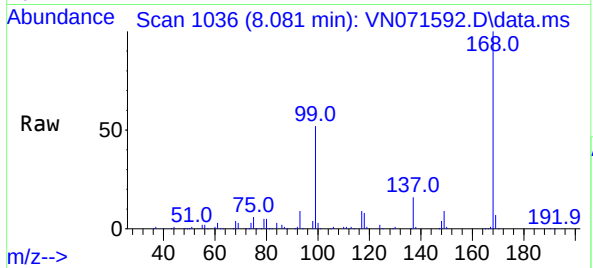




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071592.D
Acq: 26 Mar 2022 23:04

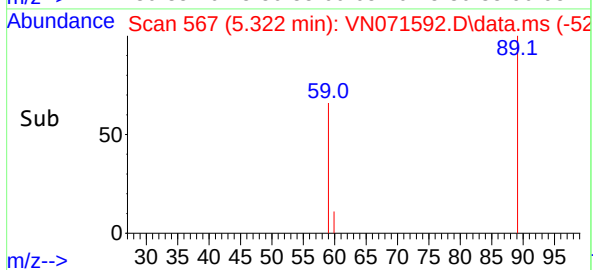
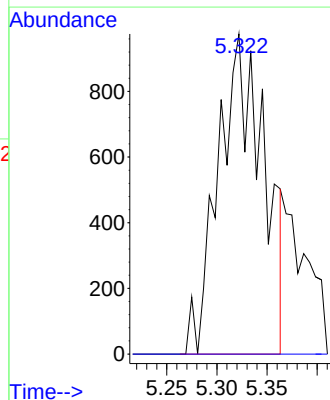
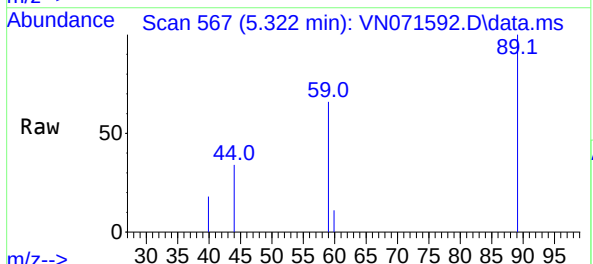
Instrument :
MSVOA_N
ClientSampleId :
TP-1

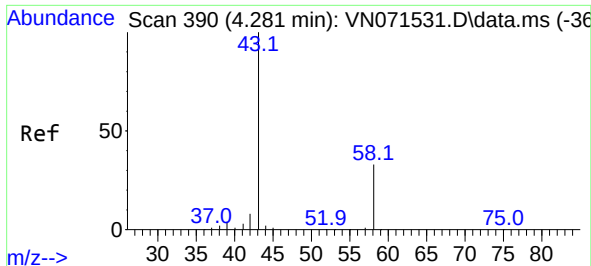
Tgt Ion:168 Resp: 794834
Ion Ratio Lower Upper
168 100
99 52.4 42.3 63.5



#11
Tert butyl alcohol
Concen: 1.666 ug/l
RT: 5.322 min Scan# 567
Delta R.T. -0.041 min
Lab File: VN071592.D
Acq: 26 Mar 2022 23:04

Tgt Ion: 59 Resp: 3065
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

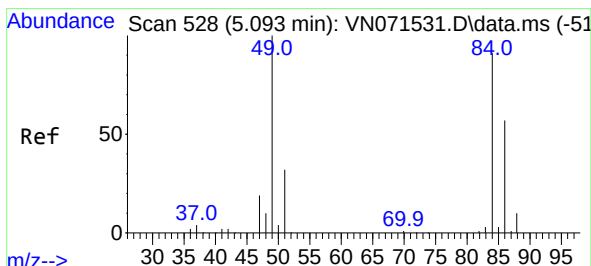
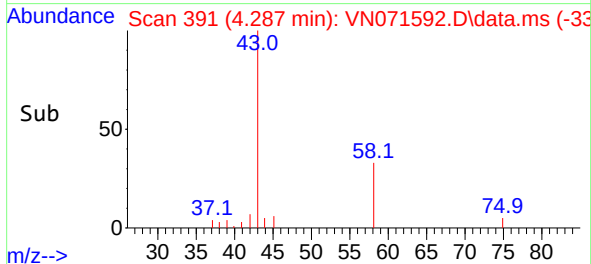
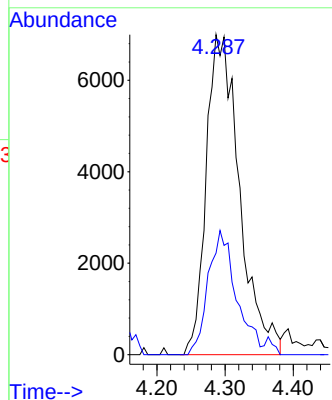
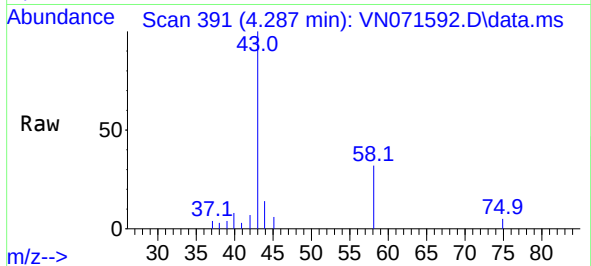




#16
Acetone
Concen: 5.857 ug/l
RT: 4.287 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN071592.D
Acq: 26 Mar 2022 23:04

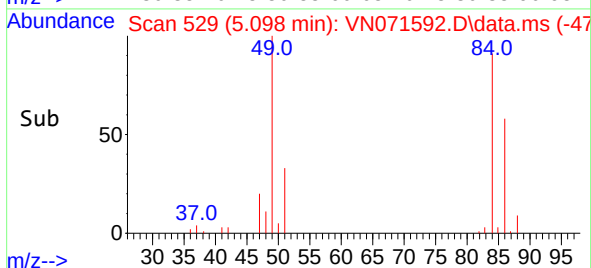
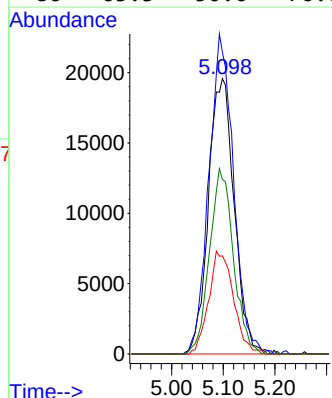
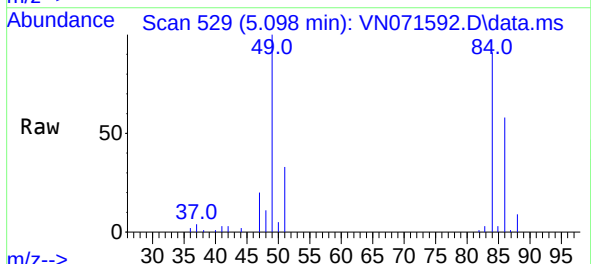
Instrument :
MSVOA_N
ClientSampleId :
TP-1

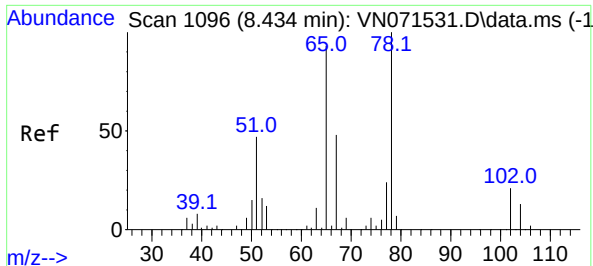
Tgt Ion: 43 Resp: 23707
Ion Ratio Lower Upper
43 100
58 31.8 26.0 39.0



#20
Methylene Chloride
Concen: 7.203 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.006 min
Lab File: VN071592.D
Acq: 26 Mar 2022 23:04

Tgt Ion: 84 Resp: 67933
Ion Ratio Lower Upper
84 100
49 109.5 88.3 132.5
51 35.6 28.2 42.2
86 63.3 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 45.700 ug/l

RT: 8.433 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN071592.D

Acq: 26 Mar 2022 23:04

Instrument :

MSVOA_N

ClientSampleId :

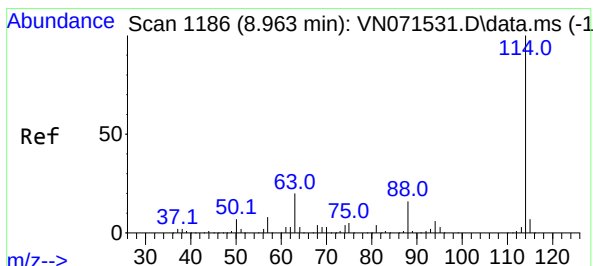
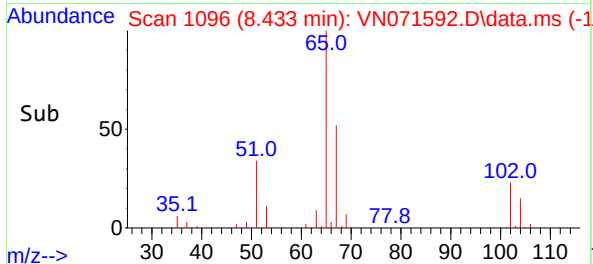
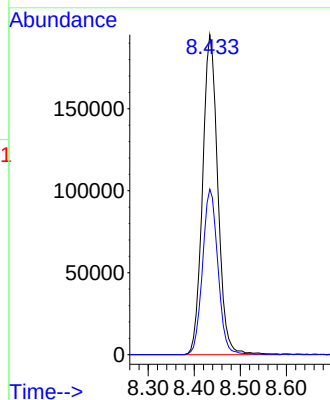
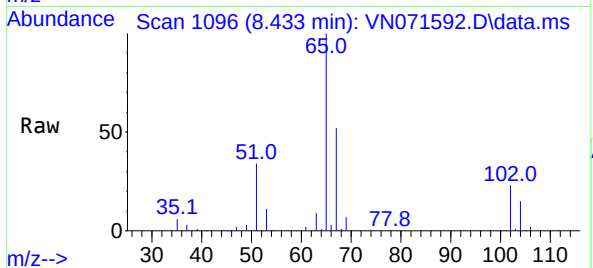
TP-1

Tgt Ion: 65 Resp: 451285

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071592.D

Acq: 26 Mar 2022 23:04

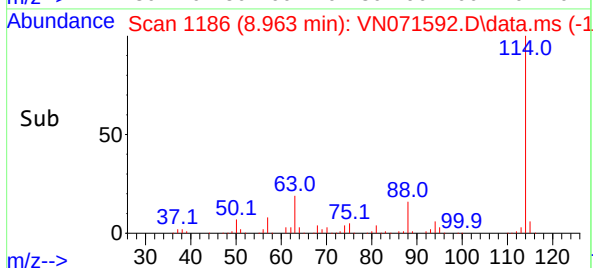
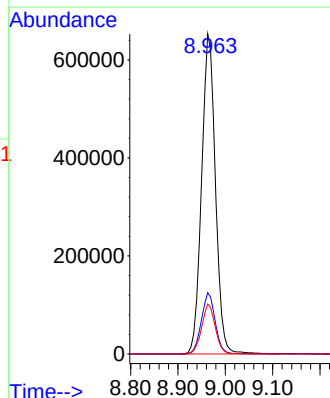
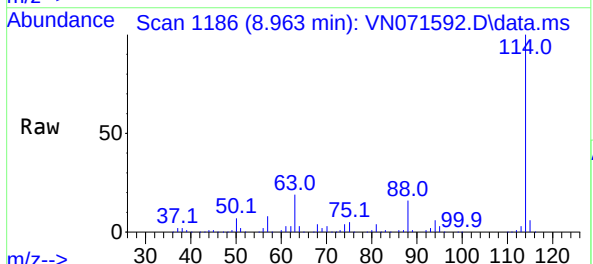
Tgt Ion:114 Resp: 1325716

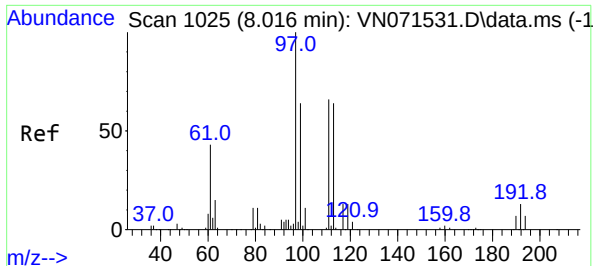
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

88 15.6 0.0 32.6

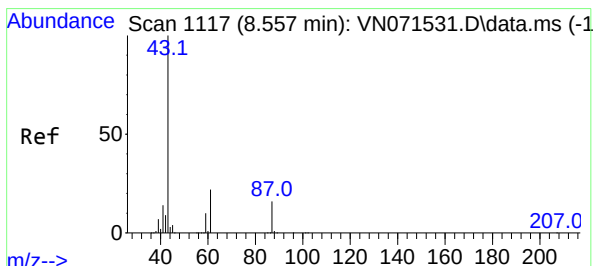
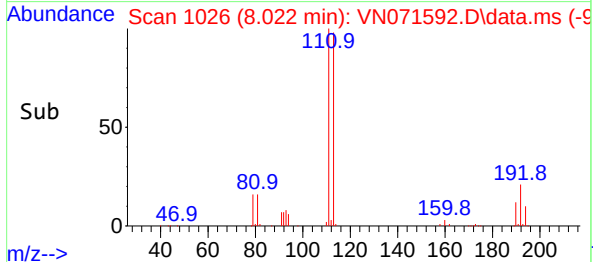
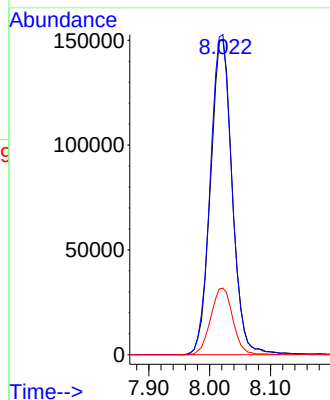
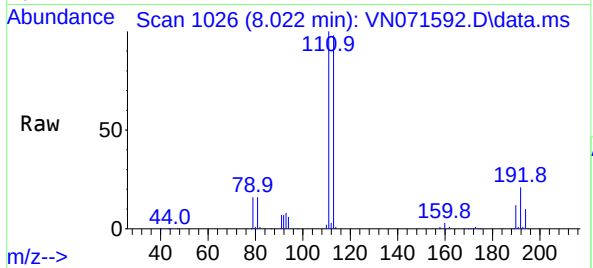




#35
Dibromofluoromethane
Concen: 44.609 ug/l
RT: 8.022 min Scan# 110
Delta R.T. 0.006 min
Lab File: VN071592.D
Acq: 26 Mar 2022 23:04

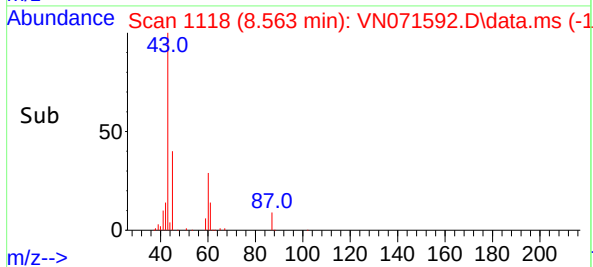
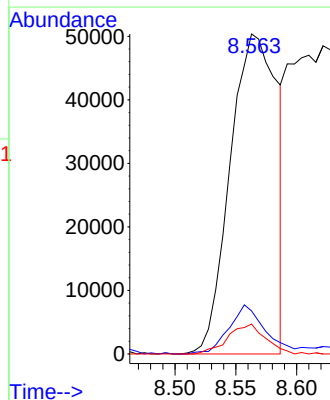
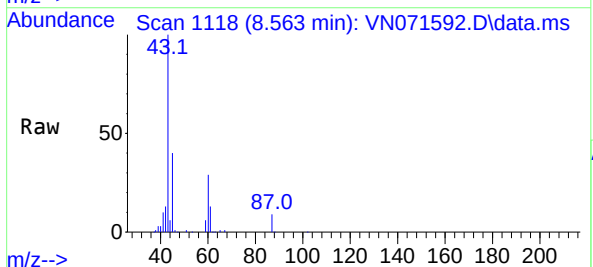
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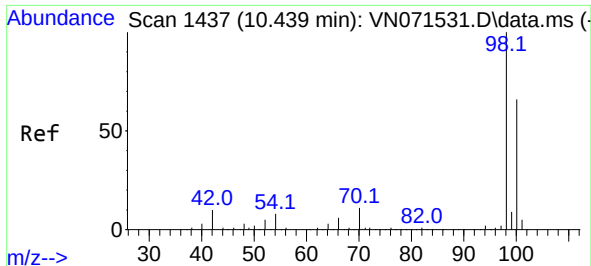
Tgt Ion:113 Resp: 371668
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 21.6 17.0 25.6



#43
Isopropyl Acetate
Concen: 6.095 ug/l
RT: 8.563 min Scan# 1118
Delta R.T. 0.006 min
Lab File: VN071592.D
Acq: 26 Mar 2022 23:04

Tgt Ion: 43 Resp: 135062
Ion Ratio Lower Upper
43 100
61 12.3 21.9 32.9#
87 7.5 12.0 18.0#

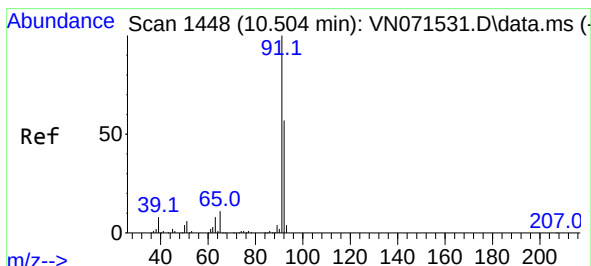
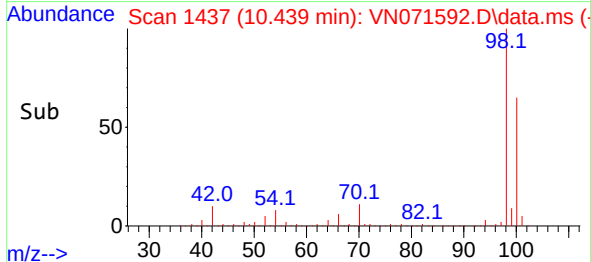
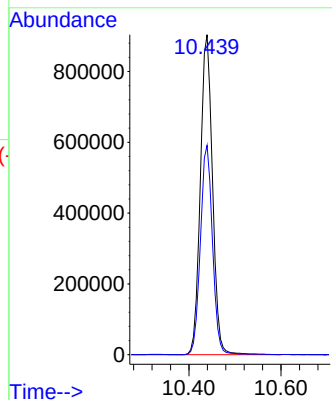
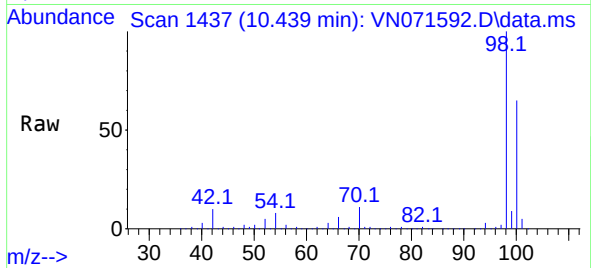




#50
Toluene-d8
Concen: 49.379 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071592.D
Acq: 26 Mar 2022 23:04

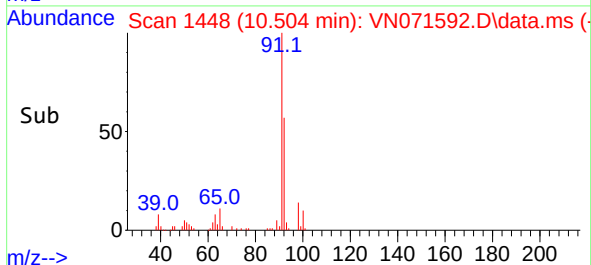
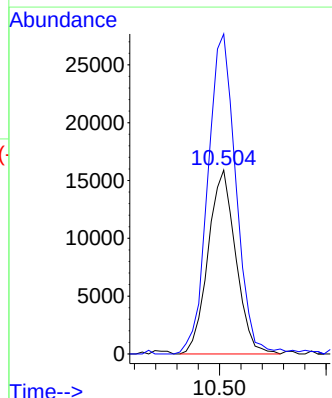
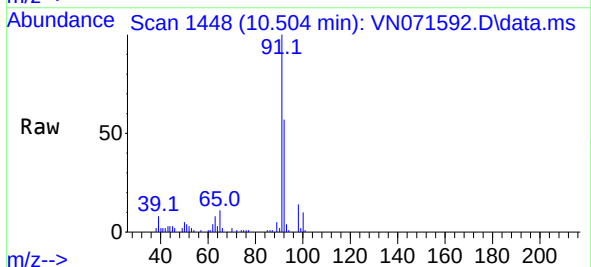
Instrument :
MSVOA_N
ClientSampleId :
TP-1

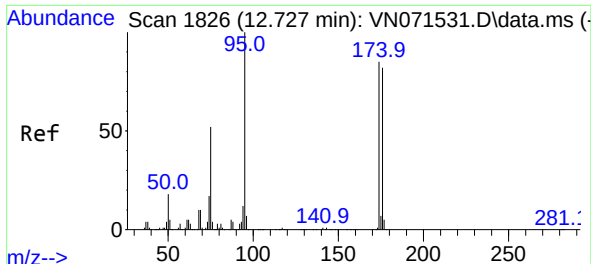
Tgt Ion: 98 Resp: 1659452
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#52
Toluene
Concen: 1.223 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN071592.D
Acq: 26 Mar 2022 23:04

Tgt Ion: 92 Resp: 28625
Ion Ratio Lower Upper
92 100
91 177.2 138.6 207.8

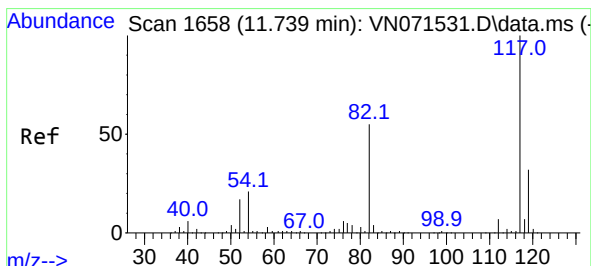
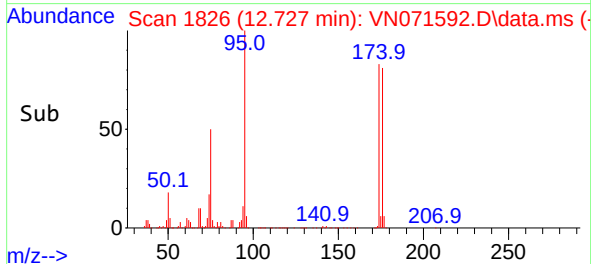
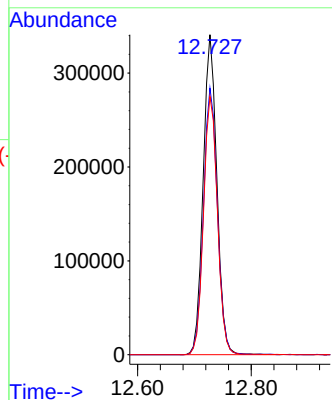
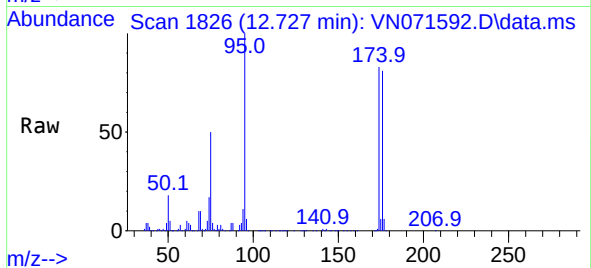




#62
4-Bromofluorobenzene
Concen: 51.624 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071592.D
Acq: 26 Mar 2022 23:04

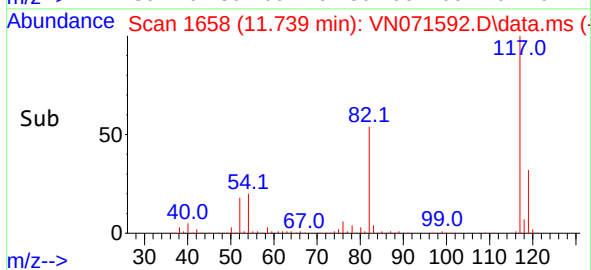
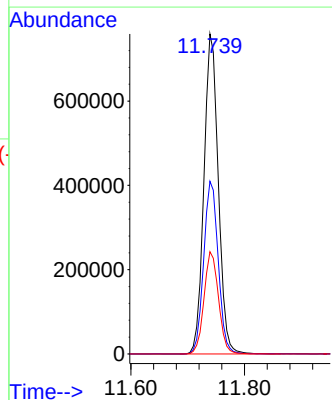
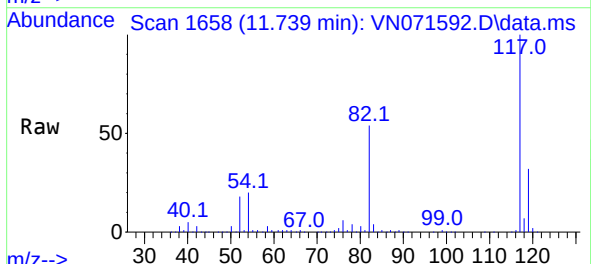
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ClientSampleId :
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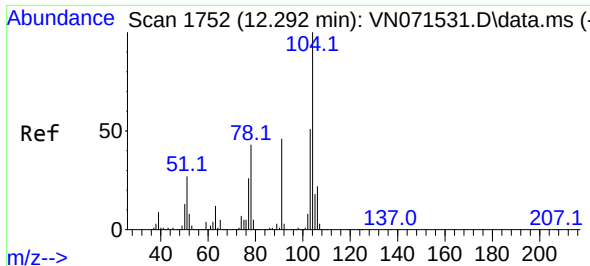
Tgt Ion: 95 Resp: 568455
Ion Ratio Lower Upper
95 100
174 85.1 0.0 167.6
176 82.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071592.D
Acq: 26 Mar 2022 23:04

Tgt Ion: 117 Resp: 1332076
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 32.0 25.4 38.0

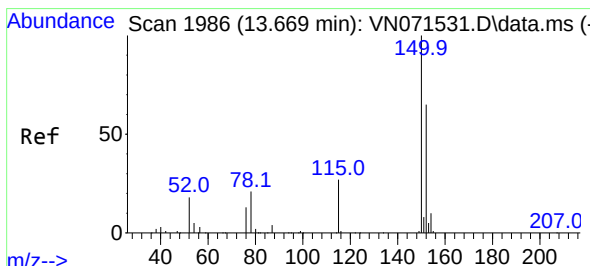
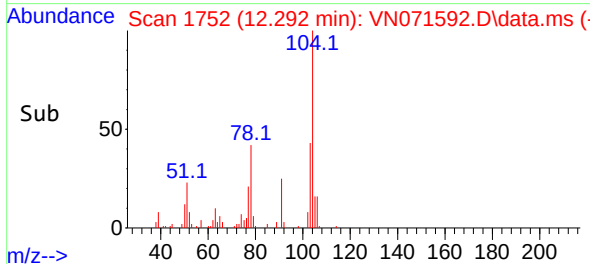
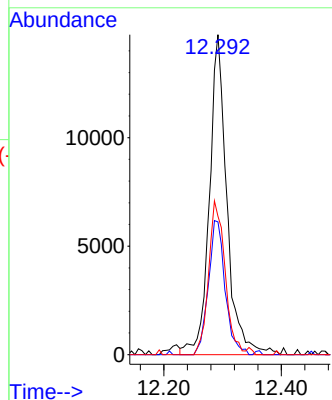
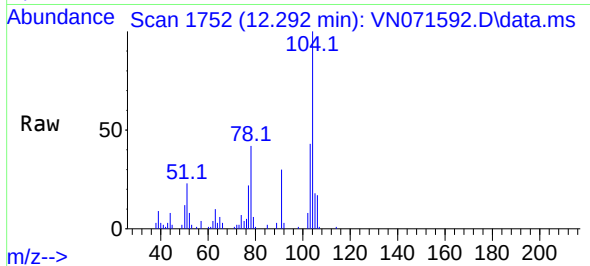




#70
Styrene
Concen: 1.063 ug/l
RT: 12.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071592.D
Acq: 26 Mar 2022 23:04

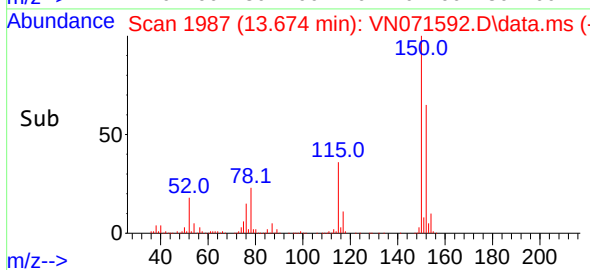
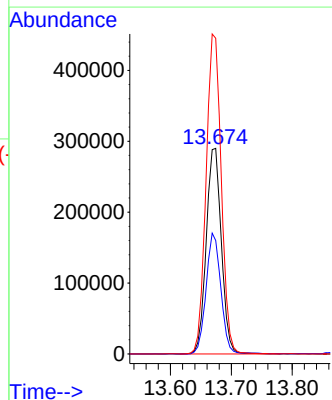
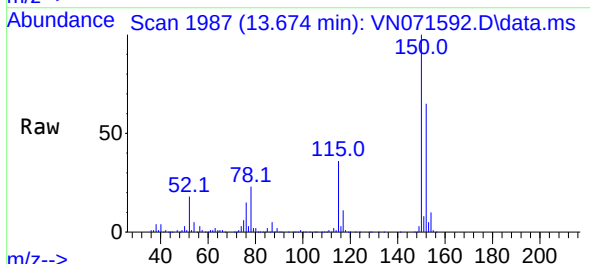
Instrument :
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TP-1

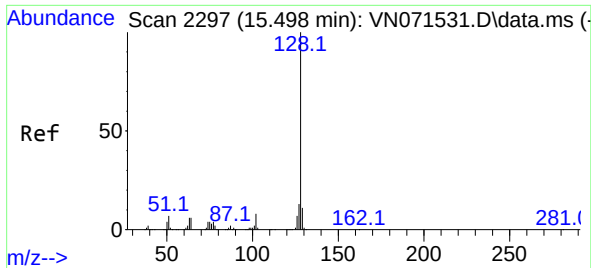
Tgt Ion:104	Resp:	30562
Ion Ratio	Lower	Upper
104	100	
78	39.9	39.5 59.3
103	45.2	44.0 66.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071592.D
Acq: 26 Mar 2022 23:04

Tgt Ion:152	Resp:	500541
Ion Ratio	Lower	Upper
152	100	
115	57.1	28.9 86.7
150	156.3	0.0 356.2





#95
Naphthalene
Concen: 8.008 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071592.D
Acq: 26 Mar 2022 23:04

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion:128 Resp: 130512
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.7 8.6 13.0

