

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062222\
 Data File : VN073032.D
 Acq On : 22 Jun 2022 18:07
 Operator : JC\MD
 Sample : N3381-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PZ-7

Quant Time: Jun 23 07:33:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	301465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	476660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	448844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	233488	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	177462	43.541	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.080%
35) Dibromofluoromethane	7.951	113	151397	51.387	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.780%
50) Toluene-d8	10.375	98	504551	46.024	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.040%
62) 4-Bromofluorobenzene	12.669	95	230913	58.576	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.160%

Target Compounds			Qvalue			
3) Chloromethane	2.234	50	2745	1.449	ug/l #	59
5) Bromomethane	2.840	94	263	0.260	ug/l #	55
11) Tert butyl alcohol	5.316	59	716	0.680	ug/l #	72
13) Acrolein	3.922	56	34967	84.330	ug/l #	1
14) Allyl chloride	4.875	41	45951	7.452	ug/l #	37
15) Acrylonitrile	5.522	53	8568	3.530	ug/l #	42
16) Acetone	4.199	43	43981	19.631	ug/l #	50
18) Methyl Acetate	4.846	43	19762	3.312	ug/l #	48
20) Methylene Chloride	4.851	84	4088	0.939	ug/l #	17
23) Vinyl Acetate	6.393	43	12598	1.187	ug/l #	68
24) 1,1-Dichloroethane	6.369	63	2348	0.390	ug/l #	82
25) 2-Butanone	7.269	43	7174	2.018	ug/l	90
26) 2,2-Dichloropropane	7.151	77	378	Below Cal	#	53
28) Bromochloromethane	7.781	49	1170	0.469	ug/l #	8
29) Tetrahydrofuran	7.616	42	1545	0.658	ug/l #	49
30) Chloroform	7.769	83	3624	0.594	ug/l #	39
31) Cyclohexane	8.022	56	289083	52.435	ug/l	93
36) 1,1-Dichloropropene	8.016	75	24544	6.157	ug/l #	62
37) Ethyl Acetate	7.269	43	7174	1.125	ug/l #	67
38) Carbon Tetrachloride	8.016	117	30280	7.221	ug/l #	16
39) Methylcyclohexane	9.392	83	39735	8.269	ug/l	92
40) Benzene	8.387	78	255458	20.390	ug/l	99
41) Methacrylonitrile	7.575	41	4404	1.456	ug/l #	26
42) 1,2-Dichloroethane	8.463	62	1444	0.324	ug/l #	74
43) Isopropyl Acetate	8.463	43	66106	7.252	ug/l #	56
45) 1,2-Dichloropropane	9.386	63	901	0.281	ug/l #	1
46) Dibromomethane	9.733	93	871	0.402	ug/l #	1
48) Methyl methacrylate	9.575	41	4585	1.102	ug/l #	81
49) 1,4-Dioxane	9.369	88	63	0.673	ug/l #	62
51) 4-Methyl-2-Pentanone	10.263	43	3902	0.656	ug/l	93
52) Toluene	10.439	92	458621	59.623	ug/l	100
53) t-1,3-Dichloropropene	10.439	75	7408	1.601	ug/l #	1
56) Ethyl methacrylate	10.486	69	34237	6.324	ug/l #	57
58) 2-Chloroethyl Vinyl ether	9.898	63	4082	1.708	ug/l #	44
59) 2-Hexanone	11.145	43	25399	5.525	ug/l	89
67) Ethyl Benzene	11.780	91	1654750	107.237	ug/l	100

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 Response via : Initial Calibration

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

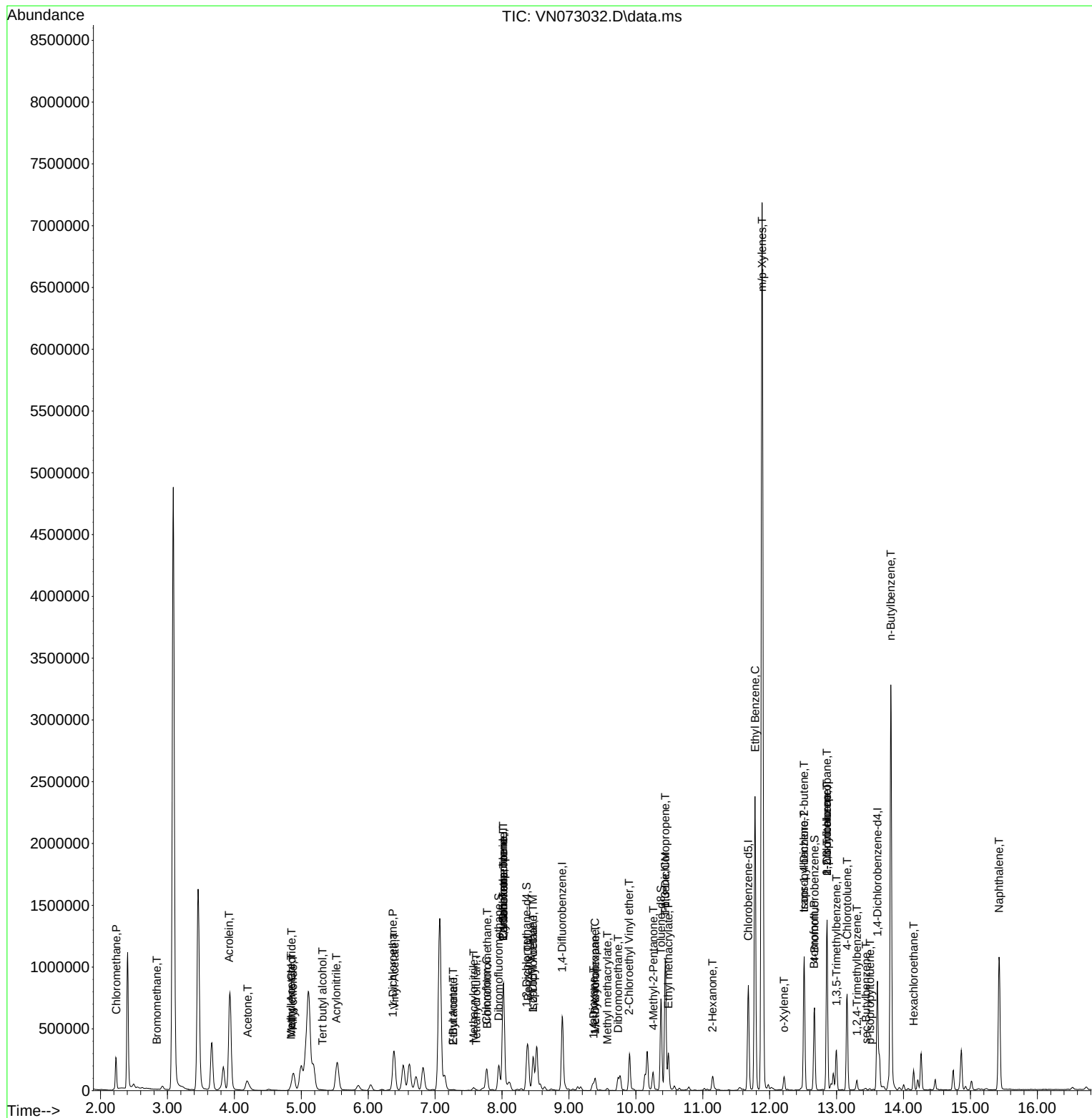
68) m/p-Xylenes	11.886	106	2303952	380.680	ug/l	95
69) o-Xylene	12.216	106	30366	5.021	ug/l	100
71) Bromoform	12.663	173	1663	0.661	ug/l #	28
73) Isopropylbenzene	12.516	105	712042	39.419	ug/l	99
76) 1,2,3-Trichloropropane	12.857	75	7133	1.260	ug/l #	1
78) n-propylbenzene	12.857	91	1074223	54.066	ug/l	98
79) 2-Chlorotoluene	12.857	91	1074223	83.493	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.998	105	178310	12.018	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.516	75	9552	4.557	ug/l #	74
82) 4-Chlorotoluene	13.157	91	60484	4.969	ug/l #	40
84) 1,2,4-Trimethylbenzene	13.304	105	43312	2.931	ug/l	97
85) sec-Butylbenzene	13.439	105	9851	0.543	ug/l #	72
86) p-Isopropyltoluene	13.498	119	4048	0.276	ug/l #	77
89) n-Butylbenzene	13.810	91	294008	24.534	ug/l #	42
90) Hexachloroethane	14.151	117	8166	2.951	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.568	75	94	Below Cal	#	1
95) Naphthalene	15.427	128	1002863	55.599	ug/l	100

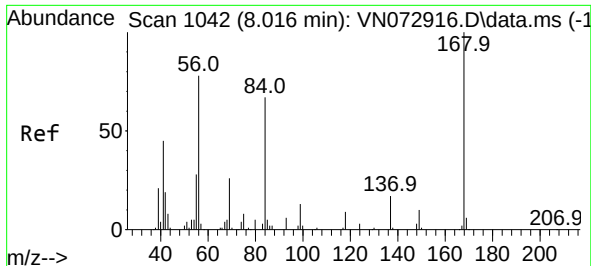
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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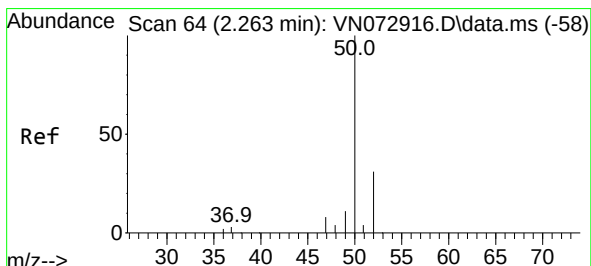
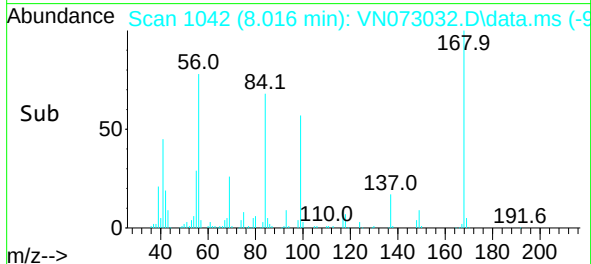
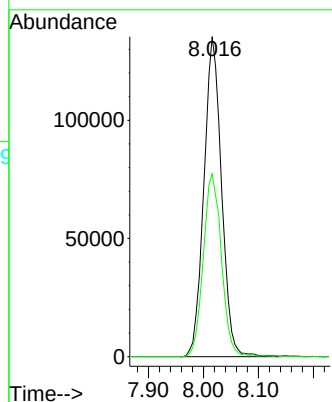
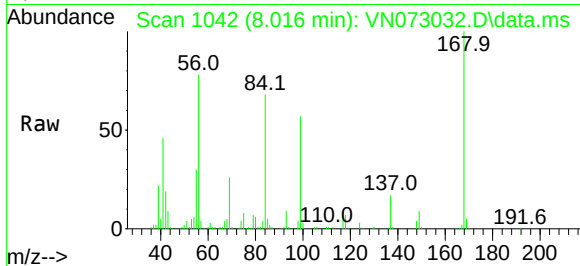




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

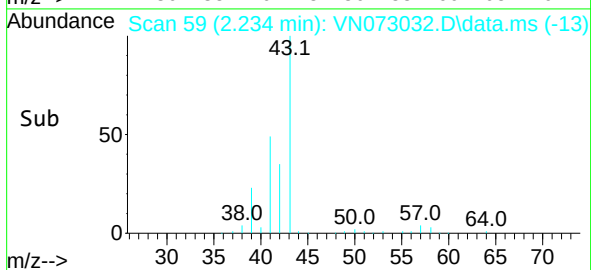
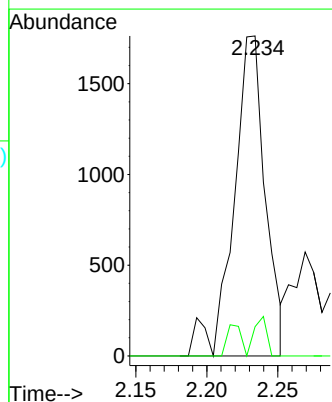
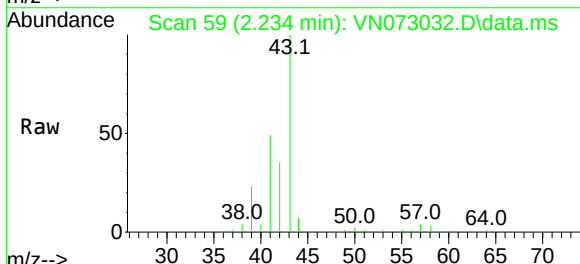
Instrument :
MSVOA_N
ClientSampleId :
PZ-7

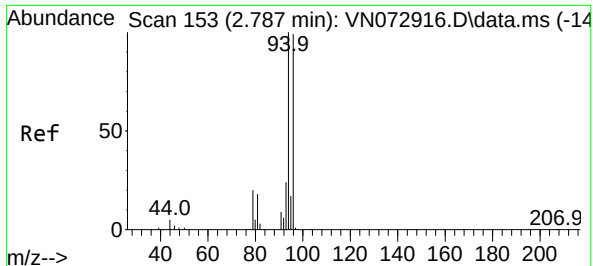
Tgt Ion:168 Resp: 301465
Ion Ratio Lower Upper
168 100
99 57.1 42.3 63.5



#3
Chloromethane
Concen: 1.449 ug/l
RT: 2.234 min Scan# 59
Delta R.T. -0.029 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

Tgt Ion: 50 Resp: 2745
Ion Ratio Lower Upper
50 100
52 9.1 25.7 38.5#

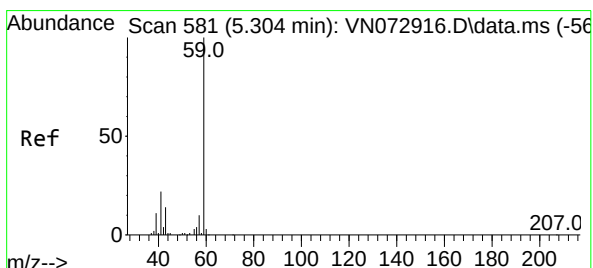
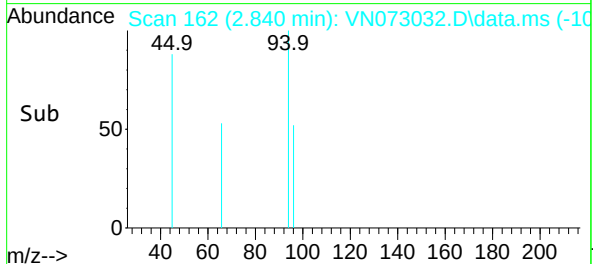
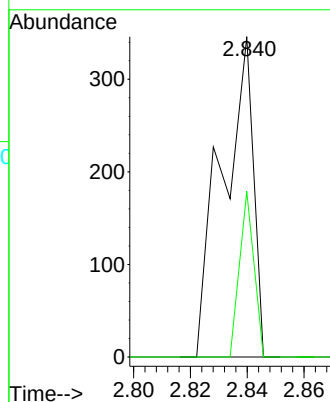
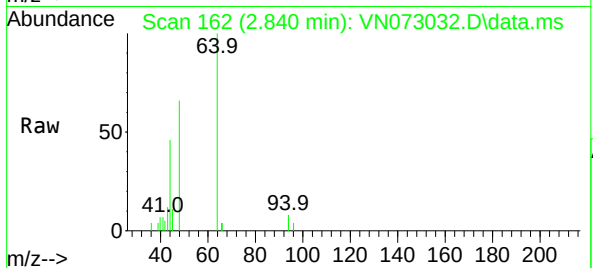




#5
Bromomethane
Concen: 0.260 ug/l
RT: 2.840 min Scan# 11
Delta R.T. 0.053 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

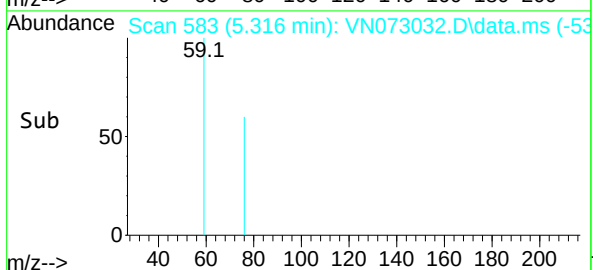
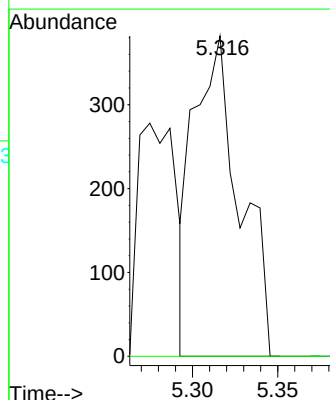
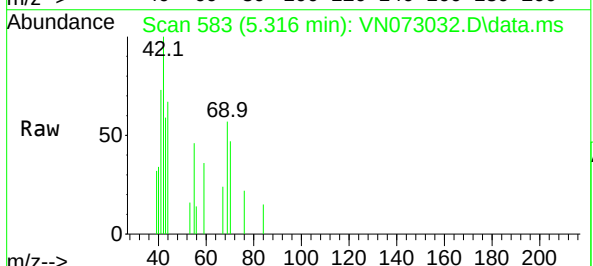
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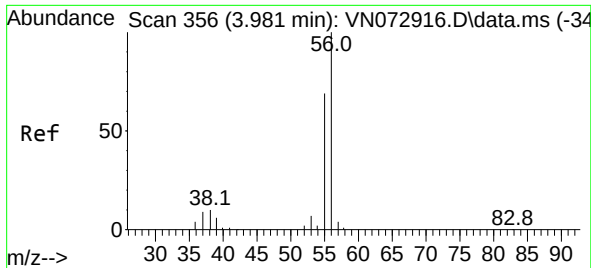
Tgt Ion: 94 Resp: 263
Ion Ratio Lower Upper
94 100
96 51.7 76.0 114.0#



#11
Tert butyl alcohol
Concen: 0.680 ug/l
RT: 5.316 min Scan# 583
Delta R.T. 0.012 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

Tgt Ion: 59 Resp: 716
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

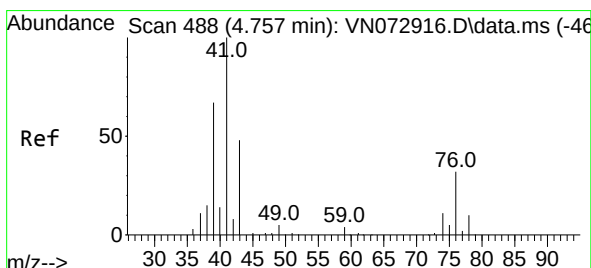
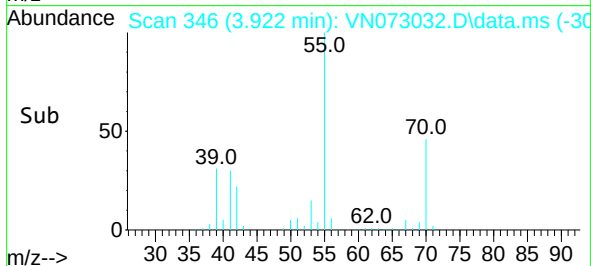
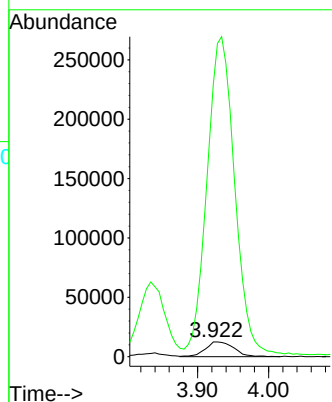
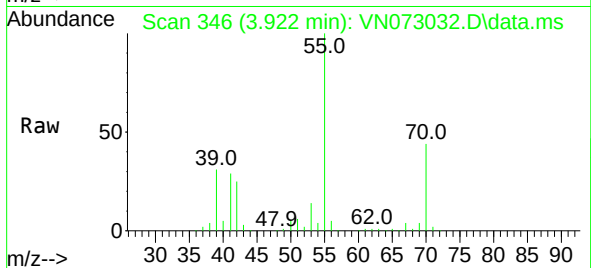




#13
Acrolein
Concen: 84.330 ug/l
RT: 3.922 min Scan# 34
Delta R.T. -0.059 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

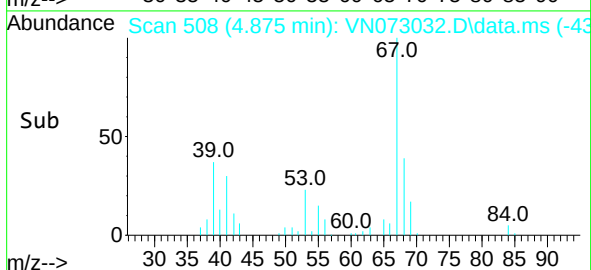
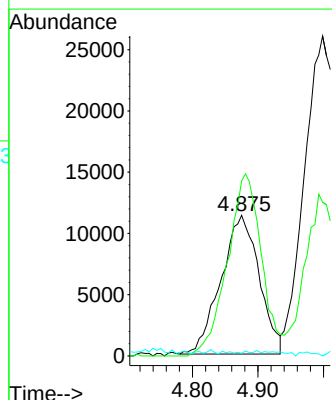
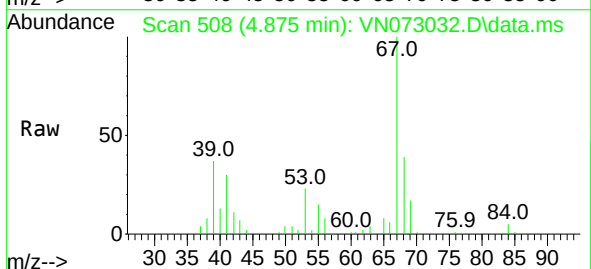
Instrument :
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ClientSampleId :
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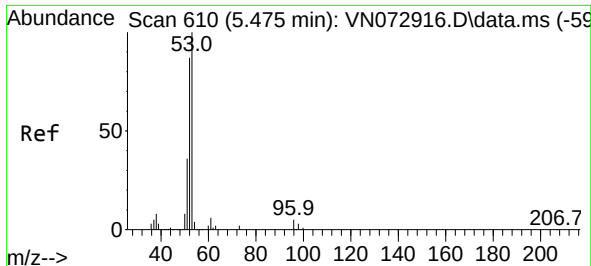
Tgt Ion: 56 Resp: 34967
Ion Ratio Lower Upper
56 100
55 2070.1 54.8 82.2#



#14
Allyl chloride
Concen: 7.452 ug/l
RT: 4.875 min Scan# 508
Delta R.T. 0.118 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

Tgt Ion: 41 Resp: 45951
Ion Ratio Lower Upper
41 100
39 117.5 53.2 79.8#
76 0.0 29.9 44.9#

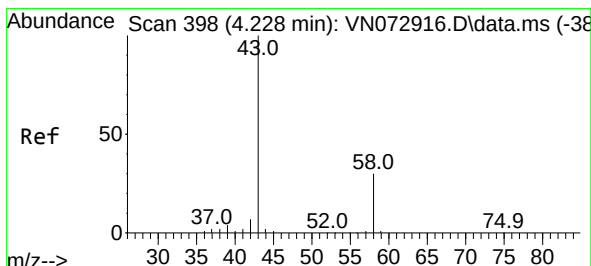
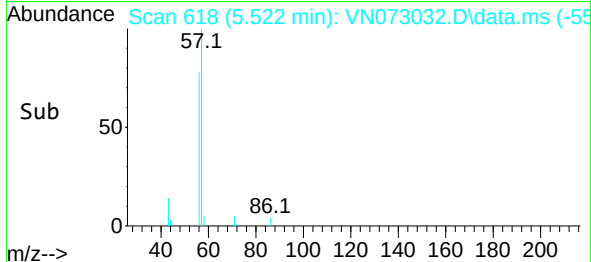
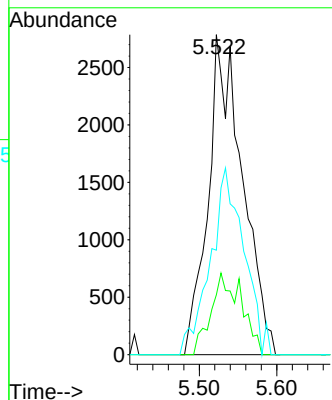
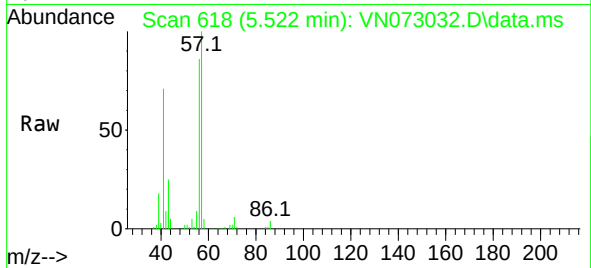




#15
Acrylonitrile
Concen: 3.530 ug/l
RT: 5.522 min Scan# 610
Delta R.T. 0.047 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

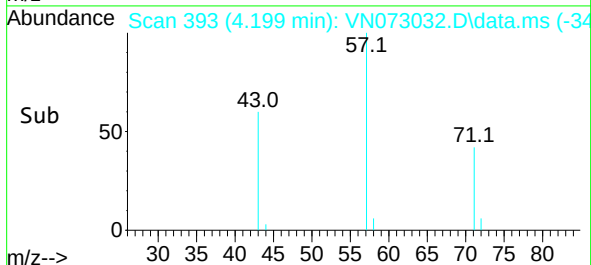
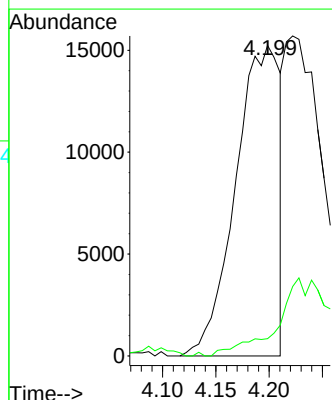
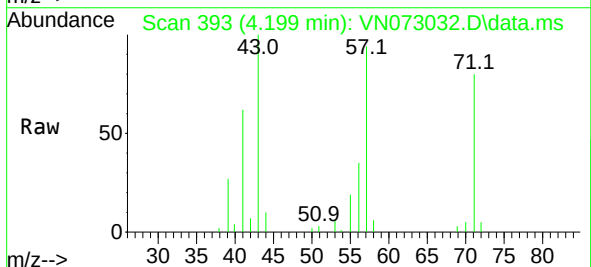
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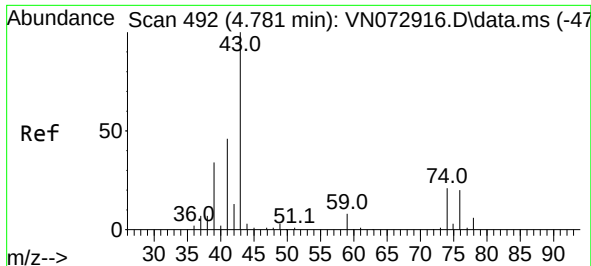
Tgt Ion: 53 Resp: 8568
Ion Ratio Lower Upper
53 100
52 22.6 66.4 99.6#
51 57.2 28.5 42.7#



#16
Acetone
Concen: 19.631 ug/l
RT: 4.199 min Scan# 393
Delta R.T. -0.029 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

Tgt Ion: 43 Resp: 43981
Ion Ratio Lower Upper
43 100
58 4.6 26.0 39.0#

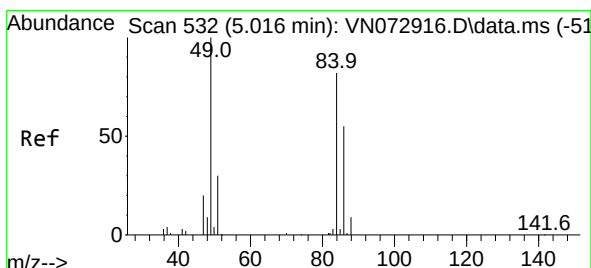
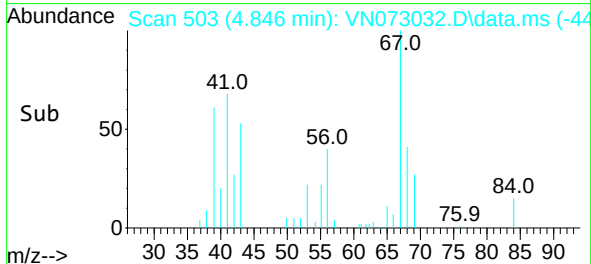
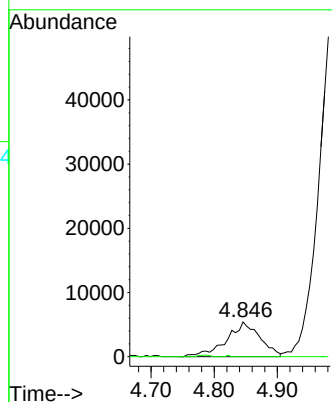
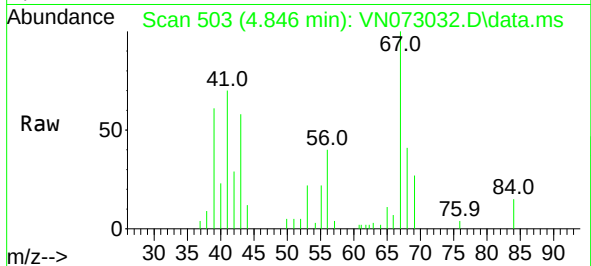




#18
Methyl Acetate
Concen: 3.312 ug/l
RT: 4.846 min Scan# 503
Delta R.T. 0.065 min
Lab File: VN073032.D
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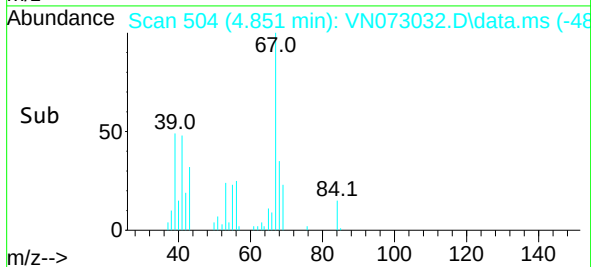
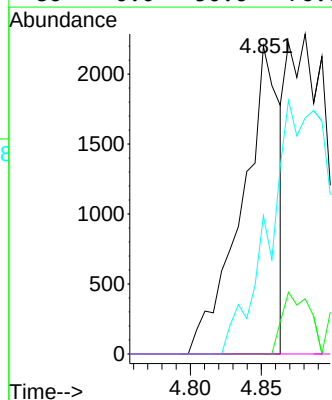
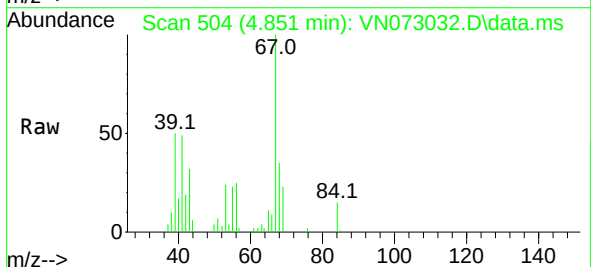
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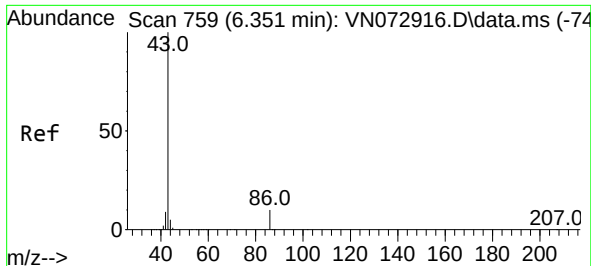
Tgt Ion: 43 Resp: 19762
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#20
Methylene Chloride
Concen: 0.939 ug/l
RT: 4.851 min Scan# 504
Delta R.T. -0.165 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

Tgt Ion: 84 Resp: 4088
Ion Ratio Lower Upper
84 100
49 0.0 88.3 132.5#
51 44.9 28.2 42.2#
86 0.0 50.6 76.0#

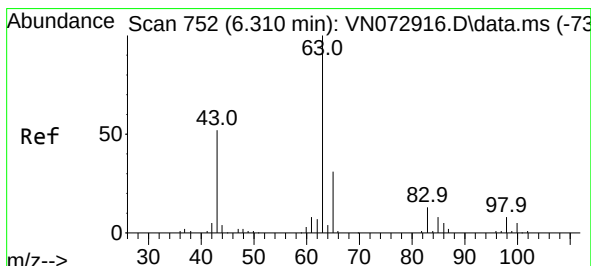
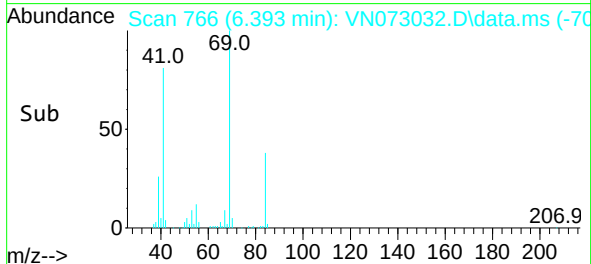
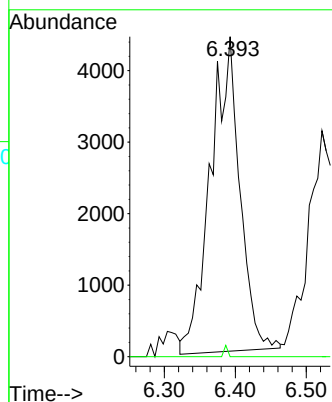
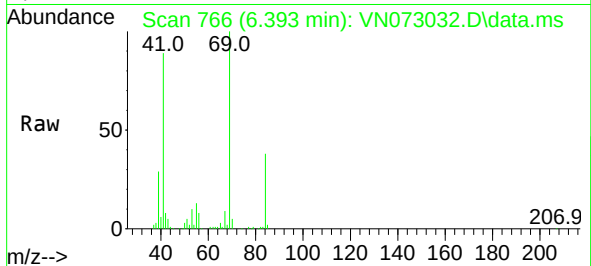




#23
 Vinyl Acetate
 Concen: 1.187 ug/l
 RT: 6.393 min Scan# 766
 Delta R.T. 0.041 min
 Lab File: VN073032.D
 Acq: 22 Jun 2022 18:07

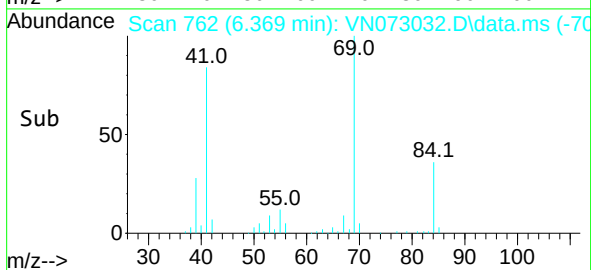
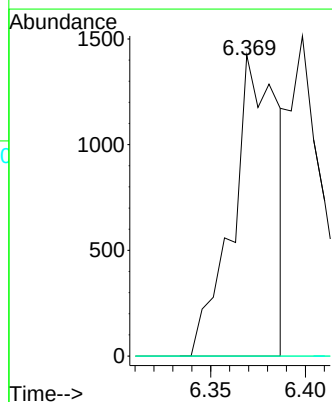
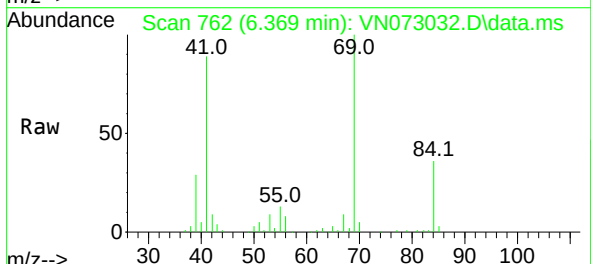
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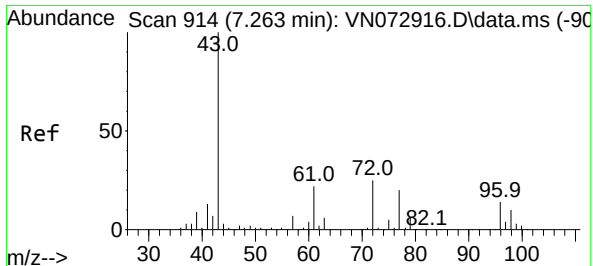
Tgt Ion: 43 Resp: 12598
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.0 15.0#



#24
 1,1-Dichloroethane
 Concen: 0.390 ug/l
 RT: 6.369 min Scan# 762
 Delta R.T. 0.059 min
 Lab File: VN073032.D
 Acq: 22 Jun 2022 18:07

Tgt Ion: 63 Resp: 2348
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.4#
 100 0.0 2.3 6.8#





#25

2-Butanone

Concen: 2.018 ug/l

RT: 7.269 min Scan# 914

Delta R.T. 0.006 min

Lab File: VN073032.D

Acq: 22 Jun 2022 18:07

Instrument :

MSVOA_N

ClientSampleId :

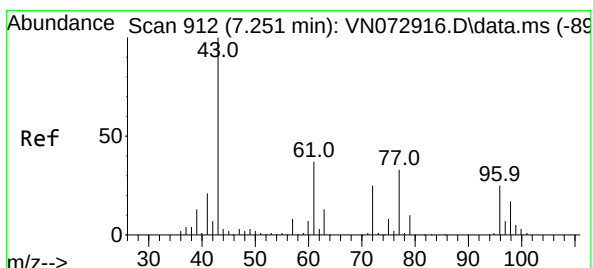
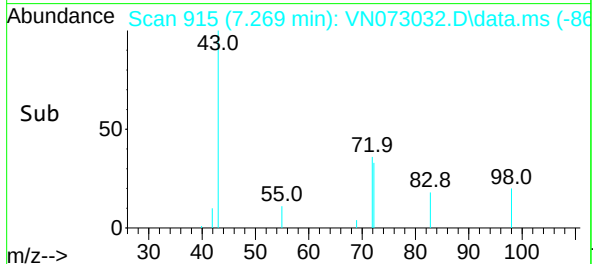
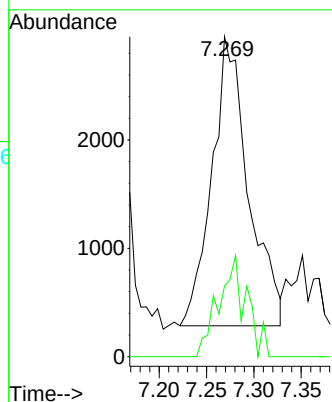
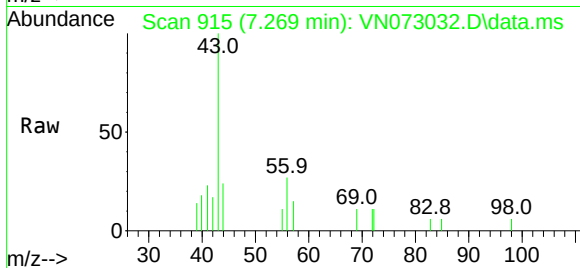
PZ-7

Tgt Ion: 43 Resp: 7174

Ion Ratio Lower Upper

43 100

72 24.4 23.7 35.5



#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.151 min Scan# 895

Delta R.T. -0.100 min

Lab File: VN073032.D

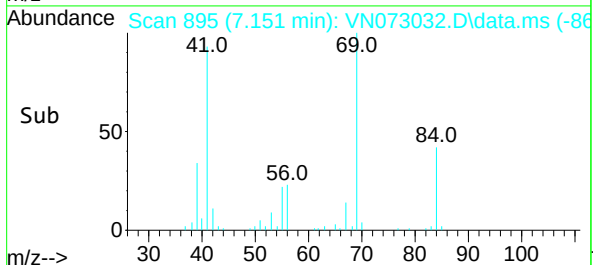
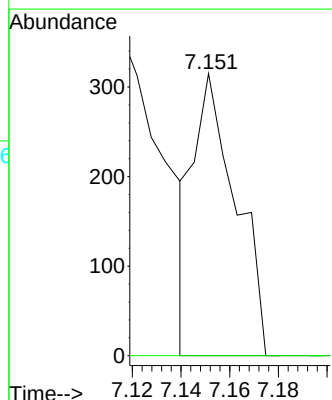
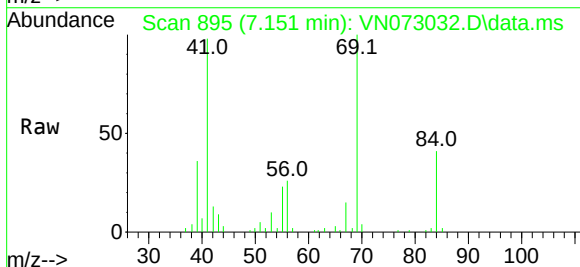
Acq: 22 Jun 2022 18:07

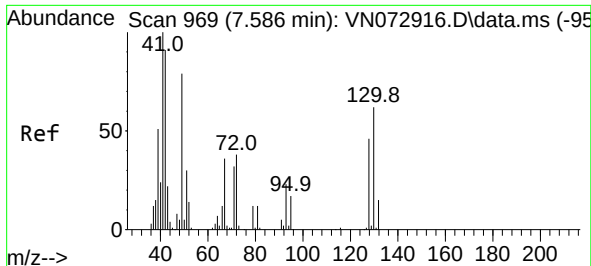
Tgt Ion: 77 Resp: 378

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#

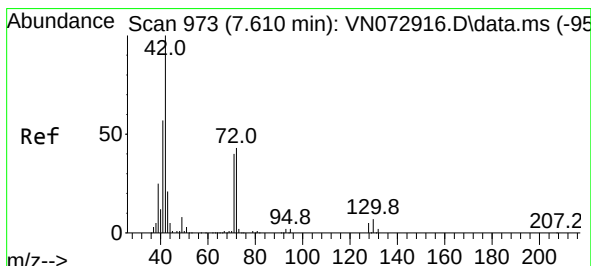
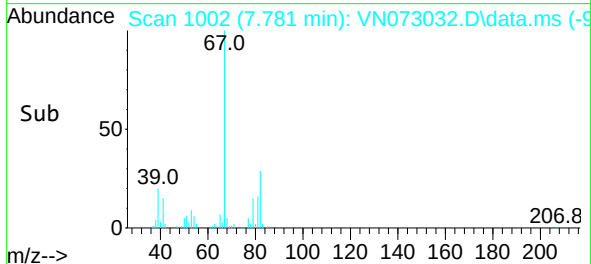
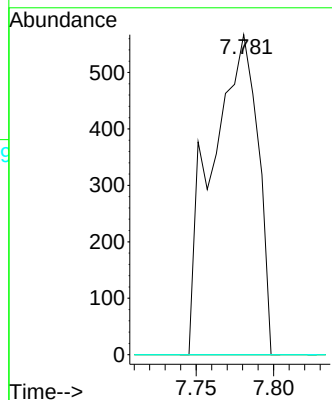
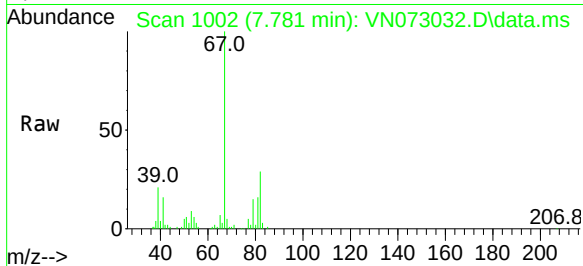




#28
Bromochloromethane
Concen: 0.469 ug/l
RT: 7.781 min Scan# 1002
Delta R.T. 0.194 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

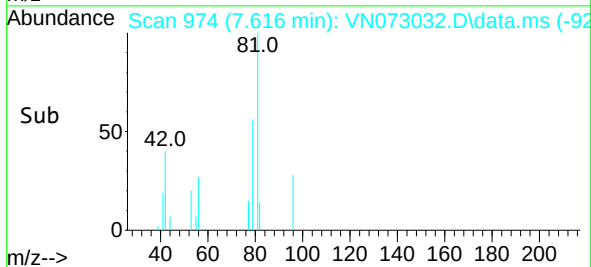
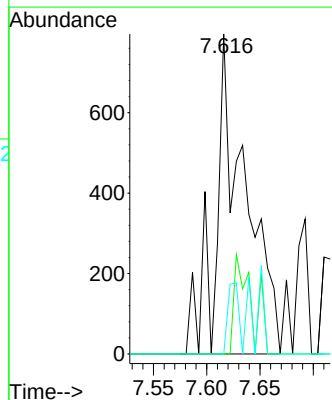
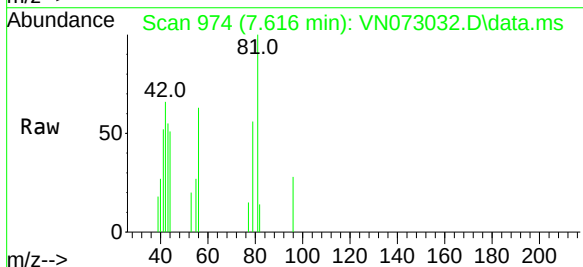
Instrument :
MSVOA_N
ClientSampleId :
PZ-7

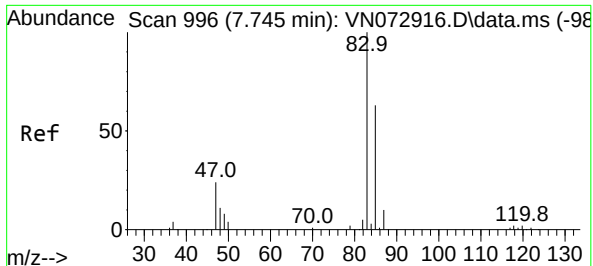
Tgt Ion: 49 Resp: 1170
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 69.7 104.5#



#29
Tetrahydrofuran
Concen: 0.658 ug/l
RT: 7.616 min Scan# 974
Delta R.T. 0.006 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

Tgt Ion: 42 Resp: 1545
Ion Ratio Lower Upper
42 100
72 18.5 39.7 59.5#
71 8.0 36.6 55.0#





#30

Chloroform

Concen: 0.594 ug/l

RT: 7.769 min Scan# 1000

Delta R.T. 0.024 min

Lab File: VN073032.D

Acq: 22 Jun 2022 18:07

Instrument :

MSVOA_N

ClientSampleId :

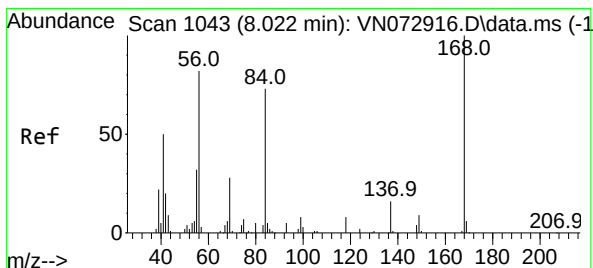
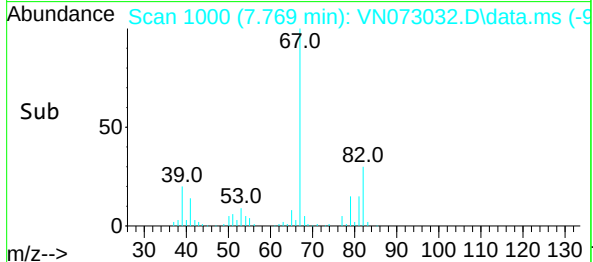
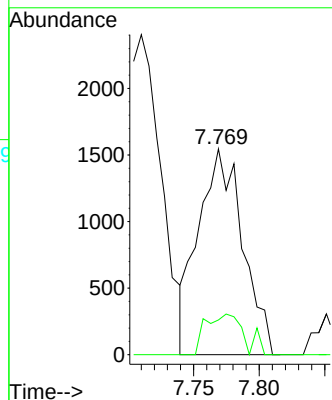
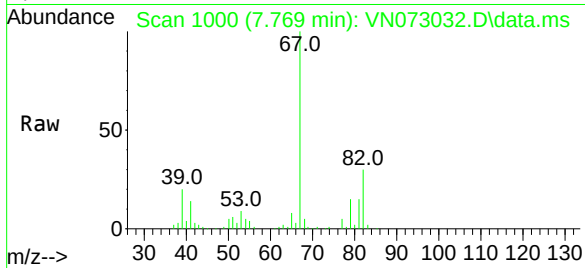
PZ-7

Tgt Ion: 83 Resp: 3624

Ion Ratio Lower Upper

83 100

85 16.9 51.8 77.8#



#31

Cyclohexane

Concen: 52.435 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VN073032.D

Acq: 22 Jun 2022 18:07

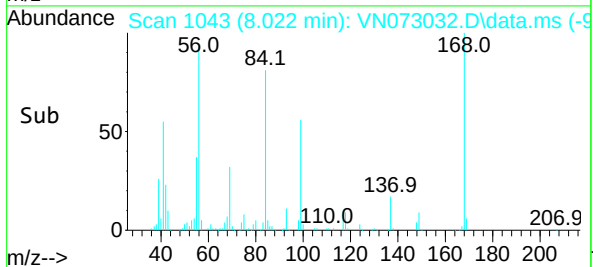
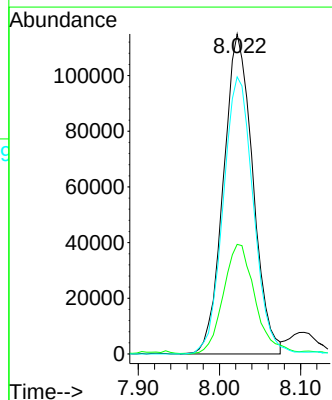
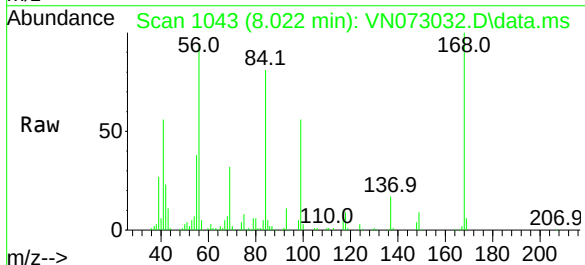
Tgt Ion: 56 Resp: 289083

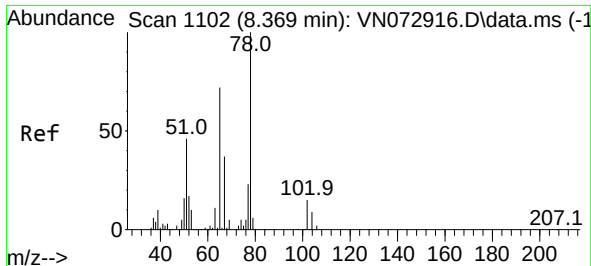
Ion Ratio Lower Upper

56 100

69 34.1 27.8 41.8

84 86.6 76.9 115.3

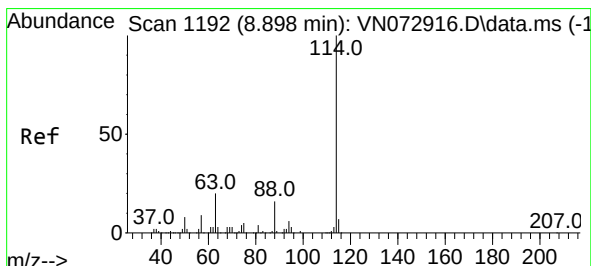
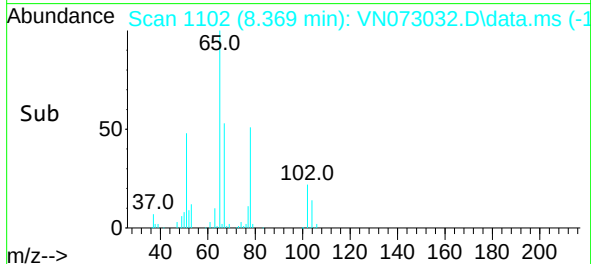
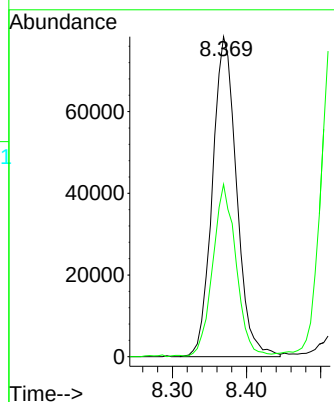
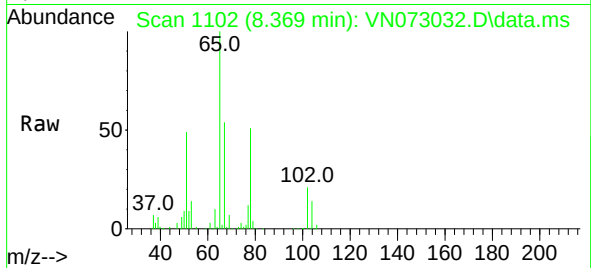




#33
 1,2-Dichloroethane-d4
 Concen: 43.541 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. 0.000 min
 Lab File: VN073032.D
 Acq: 22 Jun 2022 18:07

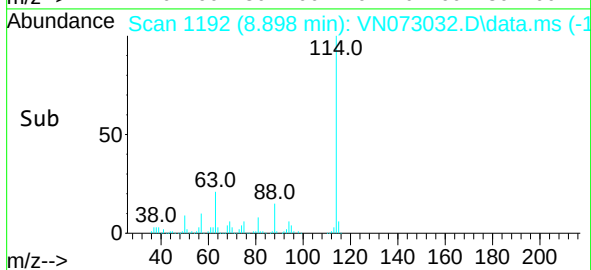
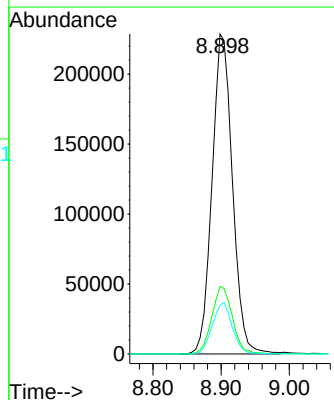
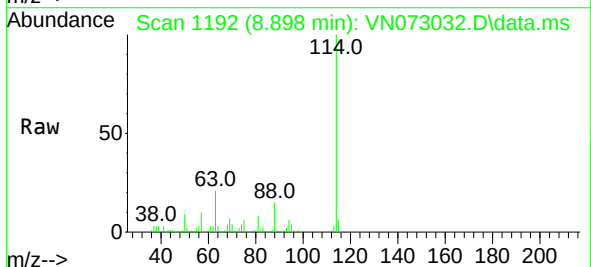
Instrument :
 MSVOA_N
 ClientSampleId :
 PZ-7

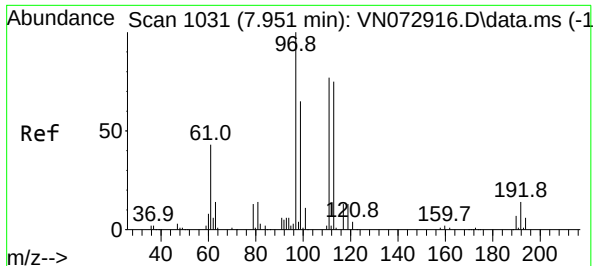
Tgt Ion: 65 Resp: 177462
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.898 min Scan# 1192
 Delta R.T. 0.000 min
 Lab File: VN073032.D
 Acq: 22 Jun 2022 18:07

Tgt Ion: 114 Resp: 476660
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.0
 88 15.3 0.0 32.6

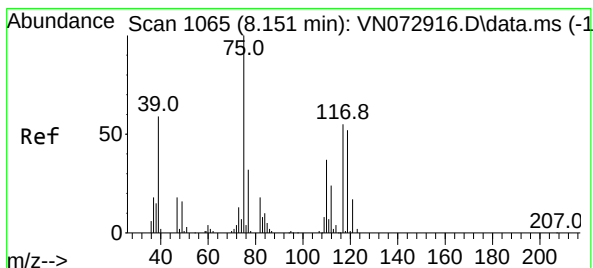
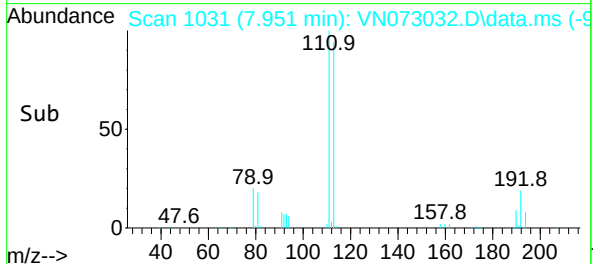
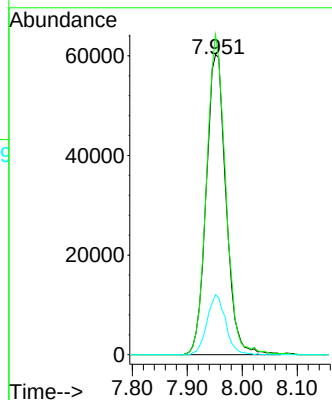
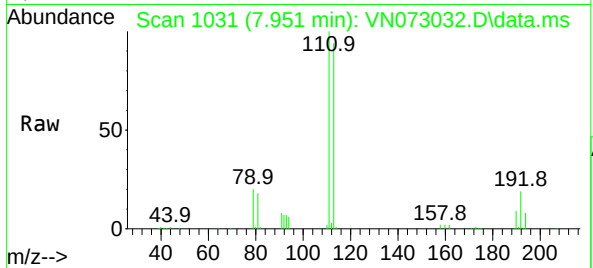




#35
Dibromofluoromethane
Concen: 51.387 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

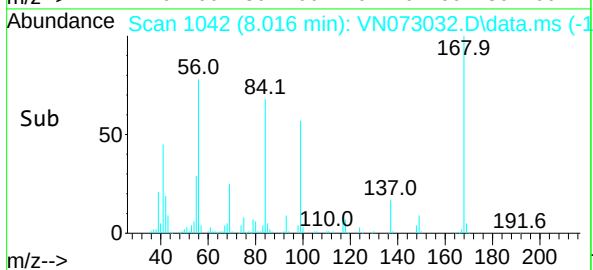
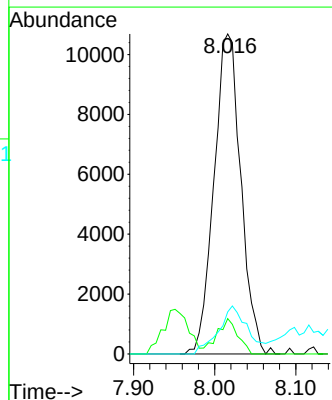
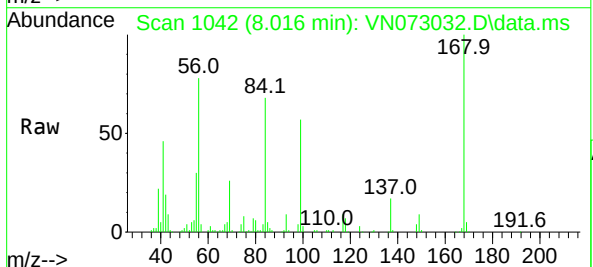
Instrument :
MSVOA_N
ClientSampleId :
PZ-7

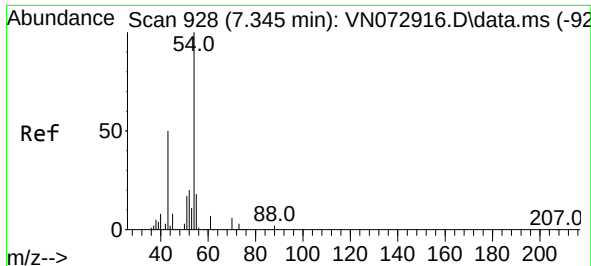
Tgt Ion:113 Resp: 151397
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.0
192 18.8 17.0 25.6



#36
1,1-Dichloropropene
Concen: 6.157 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

Tgt Ion: 75 Resp: 24544
Ion Ratio Lower Upper
75 100
110 8.5 18.3 54.8#
77 16.4 25.1 37.7#

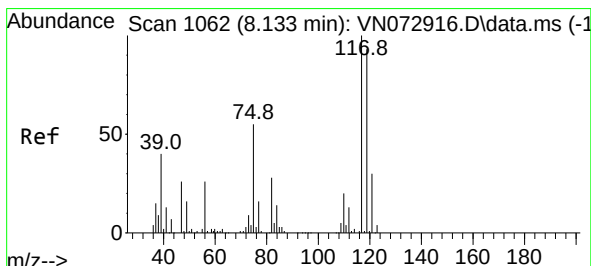
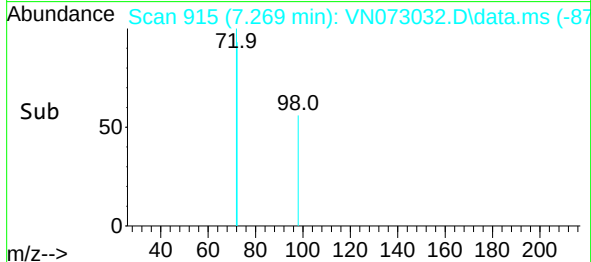
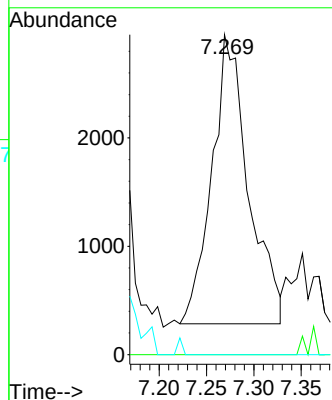
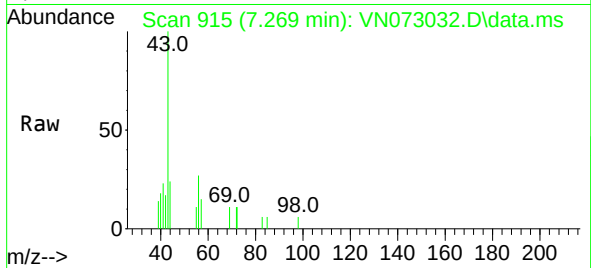




#37
Ethyl Acetate
Concen: 1.125 ug/l
RT: 7.269 min Scan# 915
Delta R.T. -0.076 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

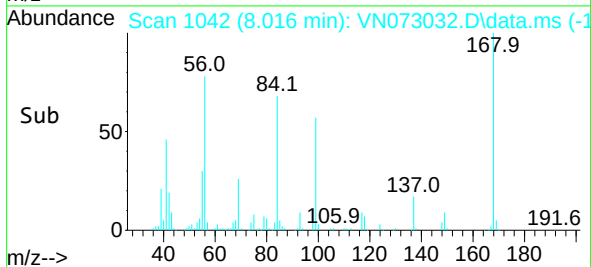
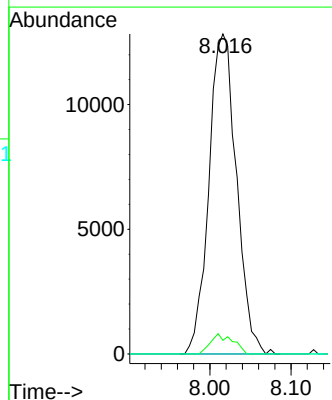
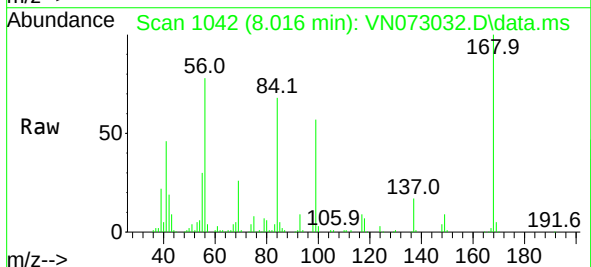
Instrument :
MSVOA_N
ClientSampleId :
PZ-7

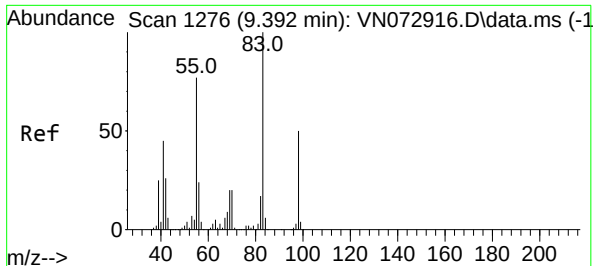
Tgt Ion: 43 Resp: 7174
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 7.221 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

Tgt Ion: 117 Resp: 30280
Ion Ratio Lower Upper
117 100
119 4.2 75.8 113.8#
121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 8.269 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN073032.D

Acq: 22 Jun 2022 18:07

Instrument :

MSVOA_N

ClientSampleId :

PZ-7

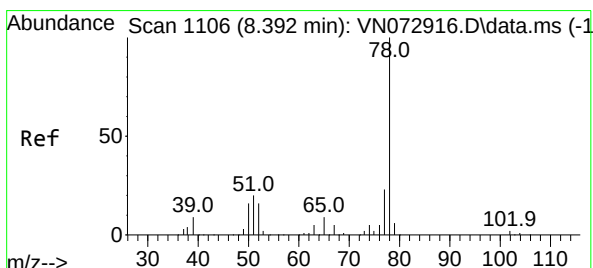
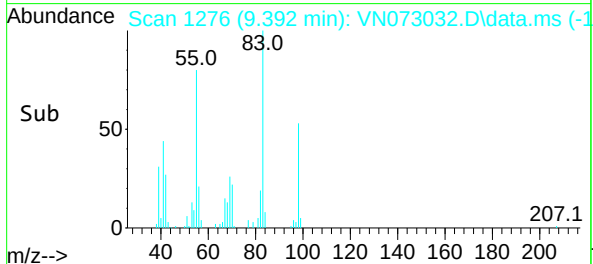
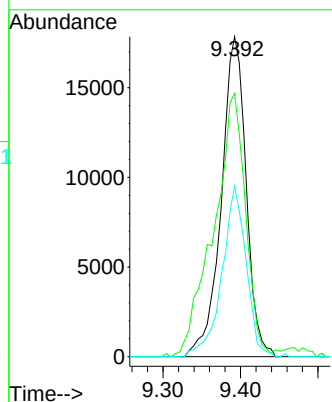
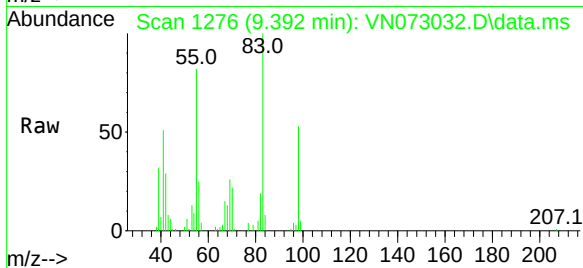
Tgt Ion: 83 Resp: 39735

Ion Ratio Lower Upper

83 100

55 80.7 57.8 86.8

98 53.2 39.4 59.2



#40

Benzene

Concen: 20.390 ug/l

RT: 8.387 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN073032.D

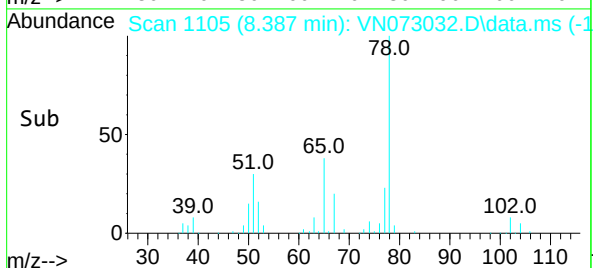
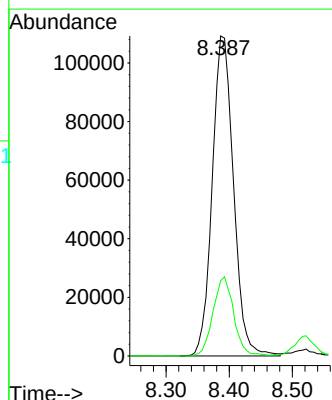
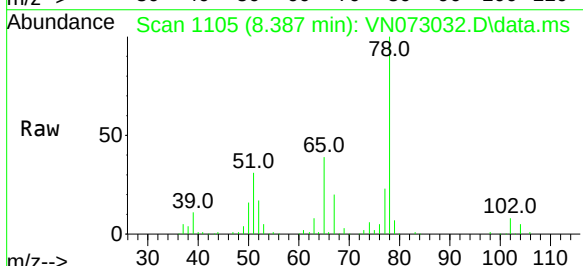
Acq: 22 Jun 2022 18:07

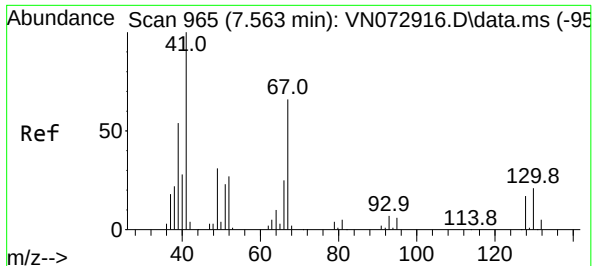
Tgt Ion: 78 Resp: 255458

Ion Ratio Lower Upper

78 100

77 23.5 19.4 29.0

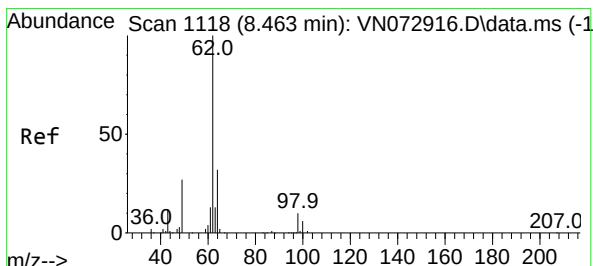
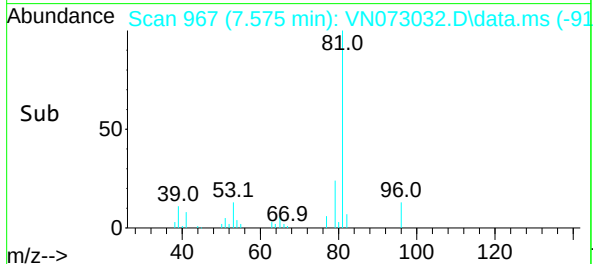
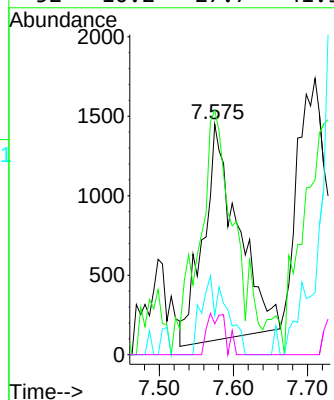
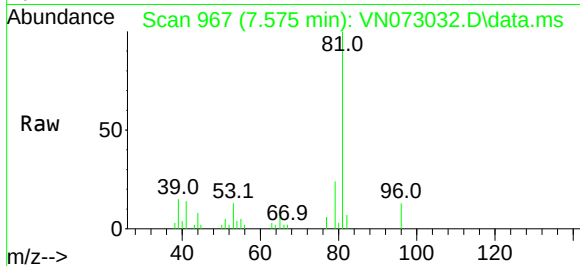




#41
Methacrylonitrile
Concen: 1.456 ug/l
RT: 7.575 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

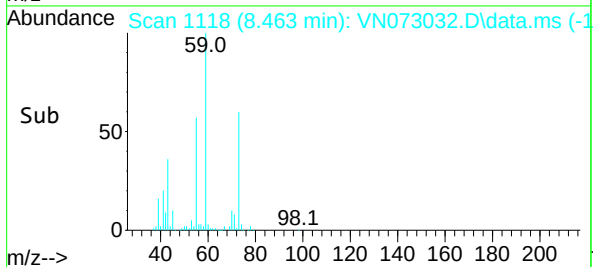
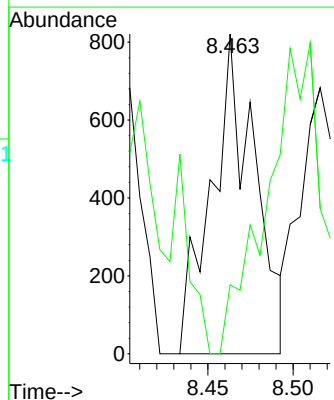
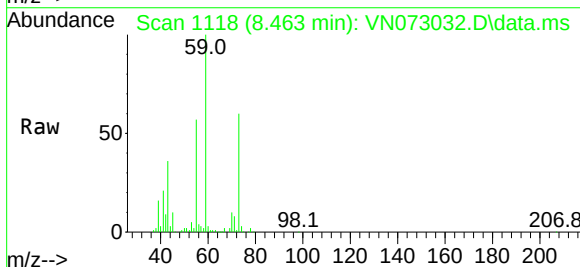
Instrument :
MSVOA_N
ClientSampleId :
PZ-7

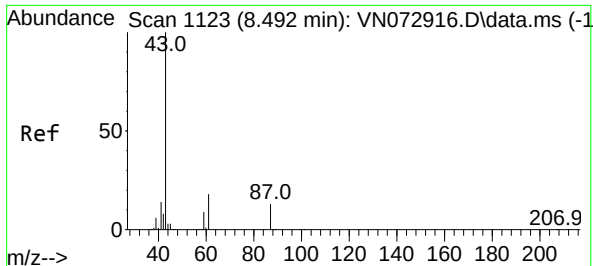
Tgt Ion: 41 Resp: 4404
Ion Ratio Lower Upper
41 100
39 105.7 48.6 73.0#
67 0.0 73.4 110.2#
52 10.2 27.7 41.5#



#42
1,2-Dichloroethane
Concen: 0.324 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

Tgt Ion: 62 Resp: 1444
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.4





#43

Isopropyl Acetate

Concen: 7.252 ug/l

RT: 8.463 min Scan# 1118

Delta R.T. -0.029 min

Lab File: VN073032.D

Acq: 22 Jun 2022 18:07

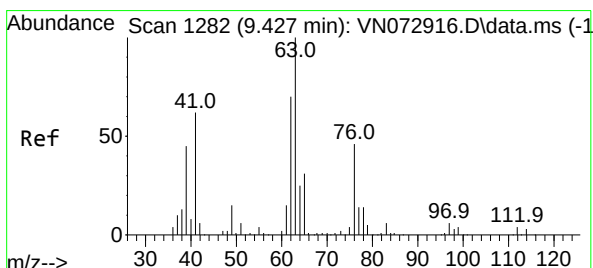
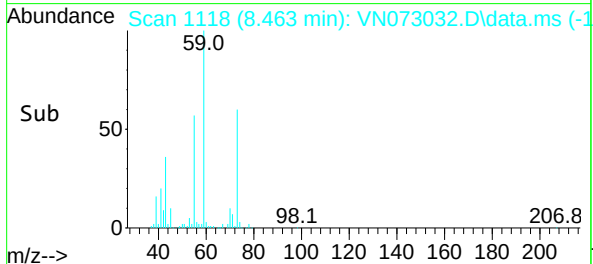
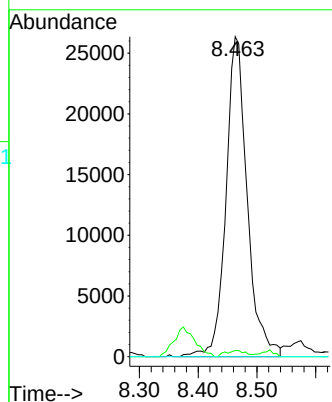
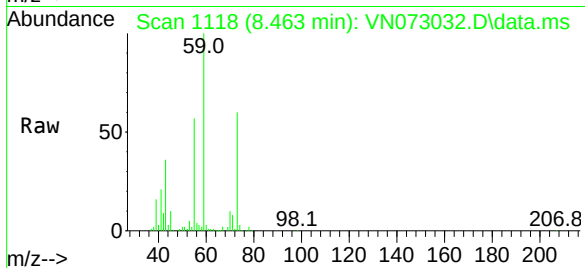
Instrument :

MSVOA_N

ClientSampleId :

PZ-7

Tgt Ion:	43	Resp:	66106
Ion Ratio	Lower	Upper	
43	100		
61	1.9	21.9	32.9#
87	0.0	12.0	18.0#



#45

1,2-Dichloropropane

Concen: 0.281 ug/l

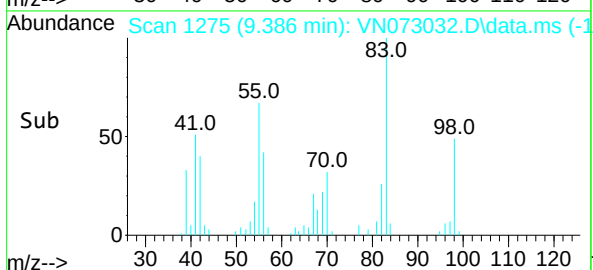
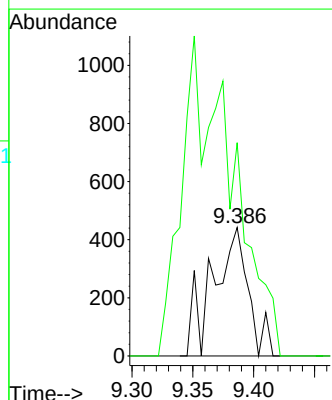
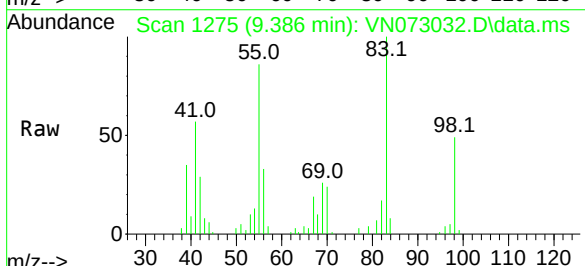
RT: 9.386 min Scan# 1275

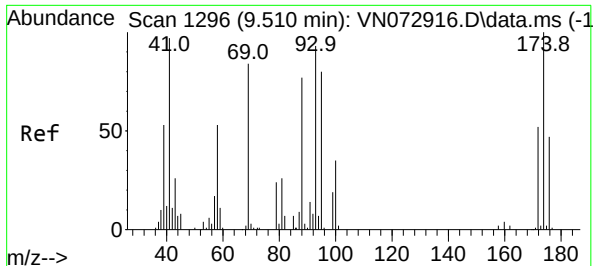
Delta R.T. -0.041 min

Lab File: VN073032.D

Acq: 22 Jun 2022 18:07

Tgt Ion:	63	Resp:	901
Ion Ratio	Lower	Upper	
63	100		
65	166.1	24.9	37.3#

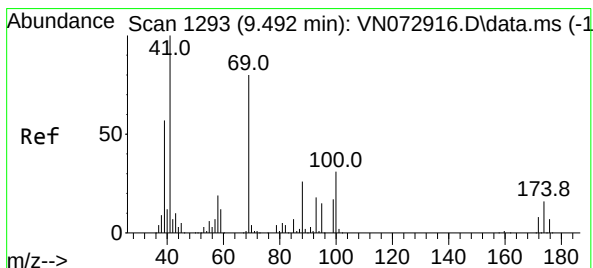
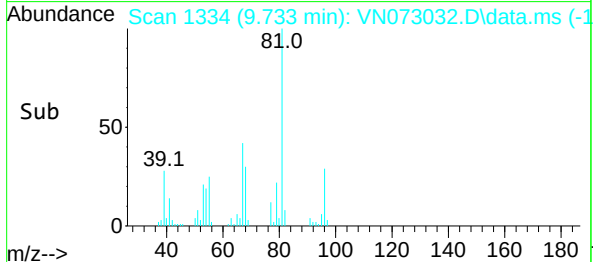
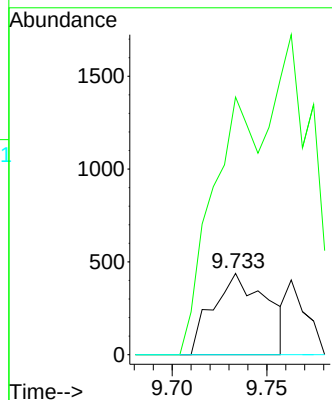
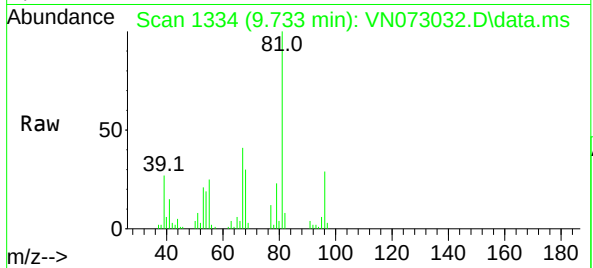




#46
Dibromomethane
Concen: 0.402 ug/l
RT: 9.733 min Scan# 11
Delta R.T. 0.224 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

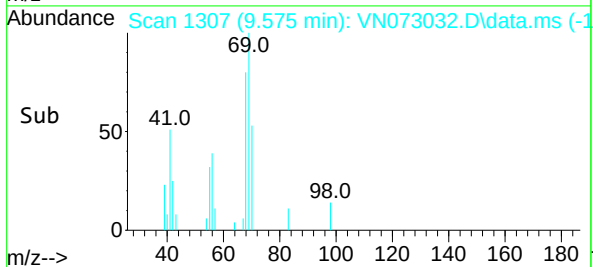
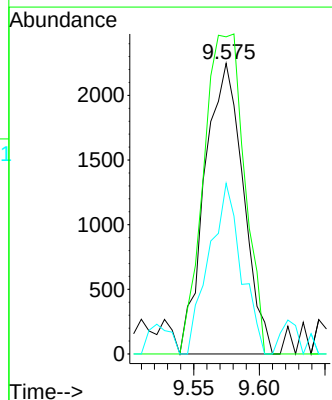
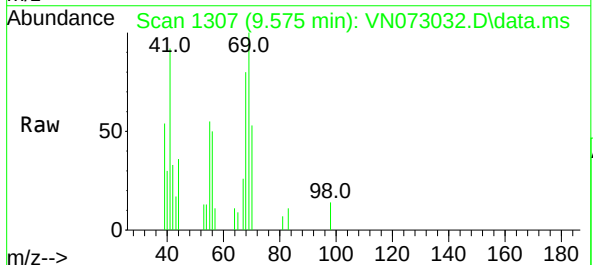
Instrument :
MSVOA_N
ClientSampleId :
PZ-7

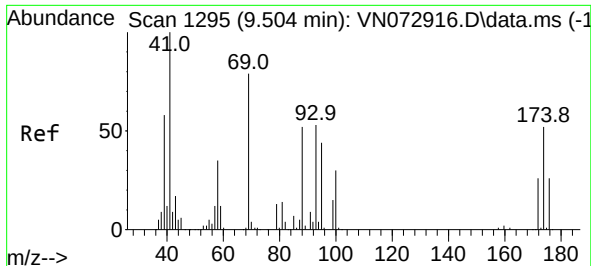
Tgt Ion: 93 Resp: 871
Ion Ratio Lower Upper
93 100
95 266.2 66.9 100.3#
174 0.0 86.6 130.0#



#48
Methyl methacrylate
Concen: 1.102 ug/l
RT: 9.575 min Scan# 1307
Delta R.T. 0.083 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

Tgt Ion: 41 Resp: 4585
Ion Ratio Lower Upper
41 100
69 116.7 74.7 112.1#
39 49.4 45.6 68.4

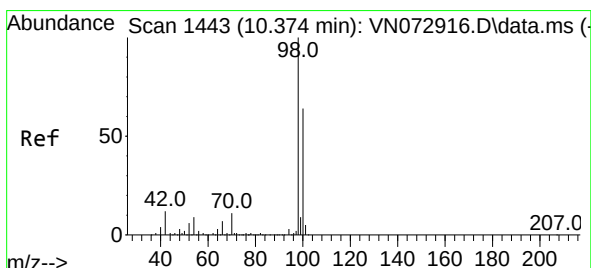
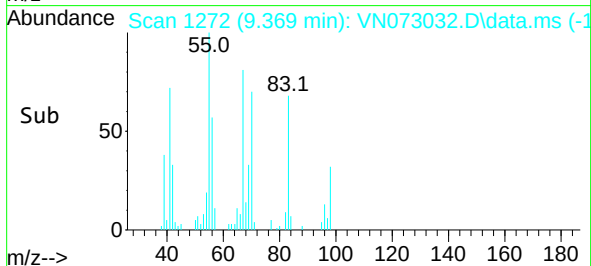
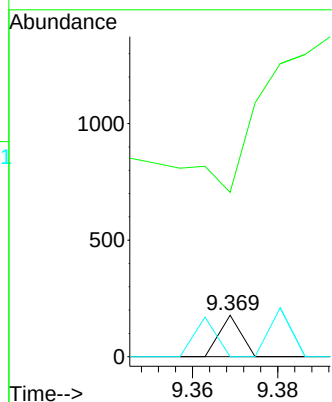
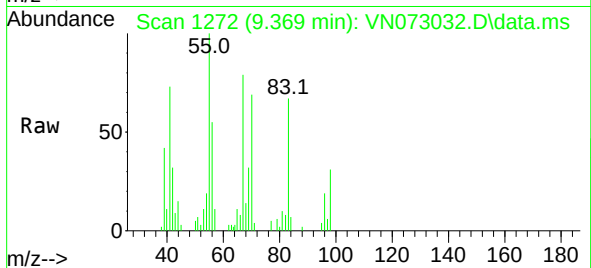




#49
1,4-Dioxane
Concen: 0.673 ug/l
RT: 9.369 min Scan# 1295
Delta R.T. -0.135 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

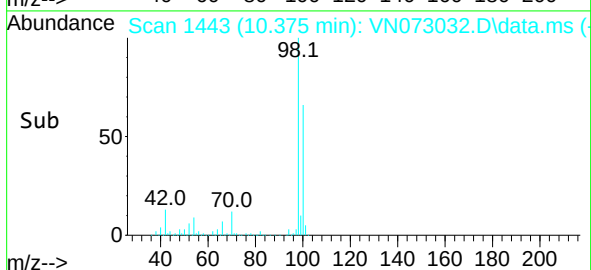
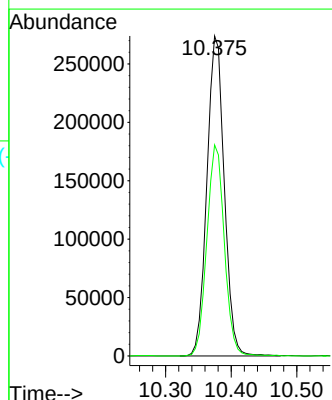
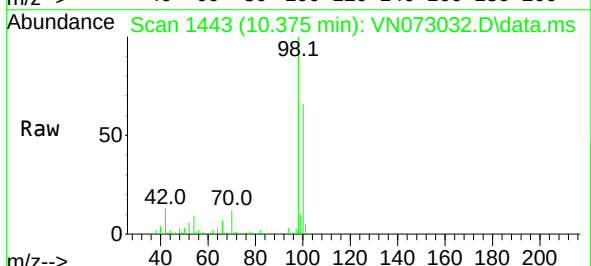
Instrument :
MSVOA_N
ClientSampleId :
PZ-7

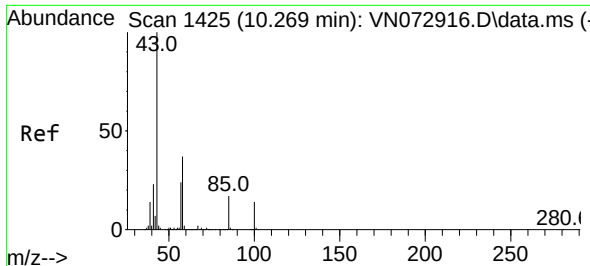
Tgt Ion: 88 Resp: 63
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.4#
58 95.2 54.2 81.4#



#50
Toluene-d8
Concen: 46.024 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

Tgt Ion: 98 Resp: 504551
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8

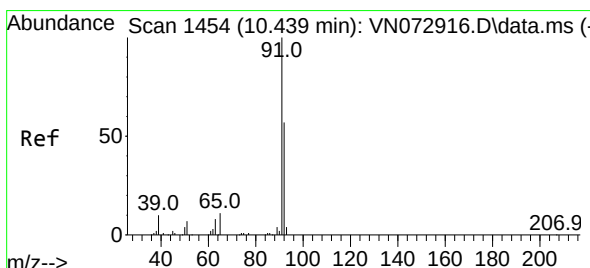
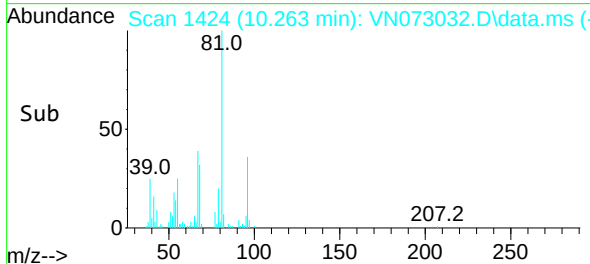
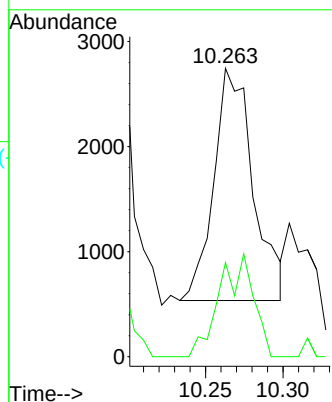
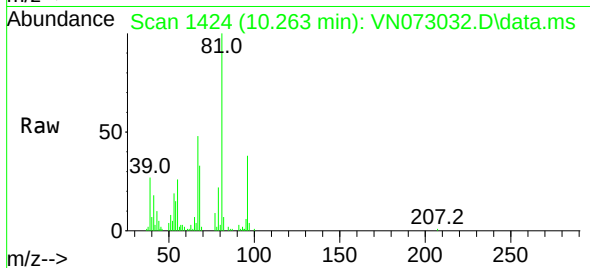




#51
4-Methyl-2-Pentanone
Concen: 0.656 ug/l
RT: 10.263 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

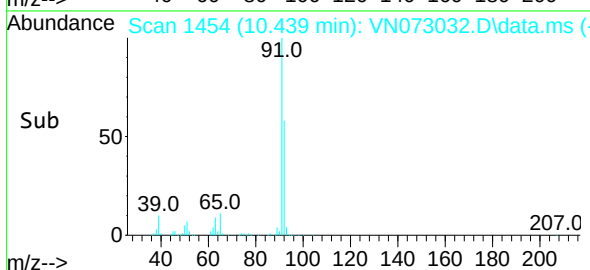
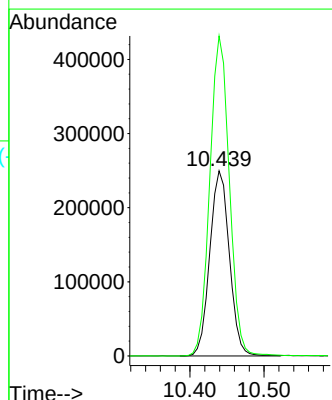
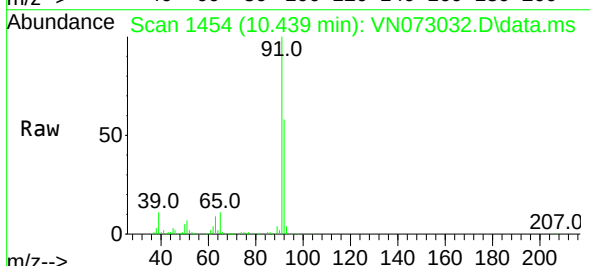
Instrument :
MSVOA_N
ClientSampleId :
PZ-7

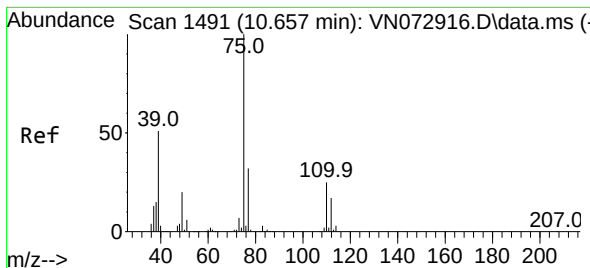
Tgt Ion: 43 Resp: 3902
Ion Ratio Lower Upper
43 100
58 38.2 34.1 51.1



#52
Toluene
Concen: 59.623 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

Tgt Ion: 92 Resp: 458621
Ion Ratio Lower Upper
92 100
91 172.7 138.6 207.8

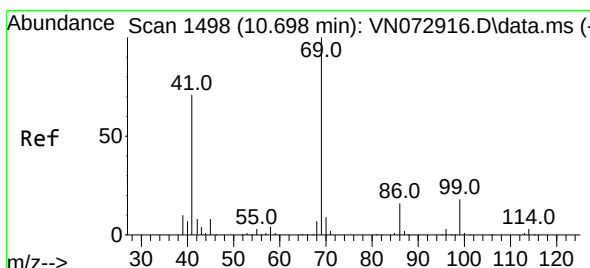
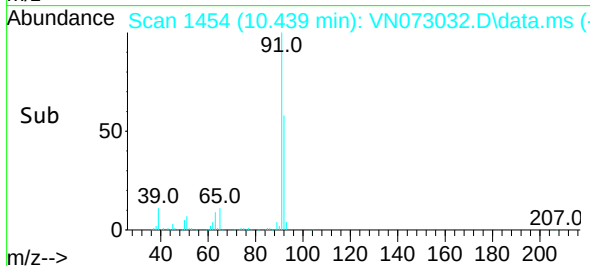
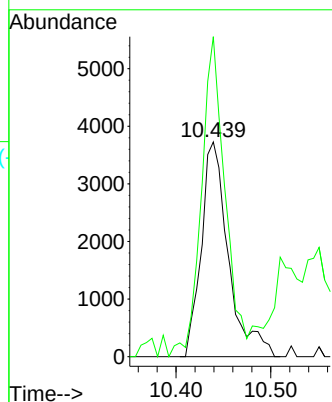
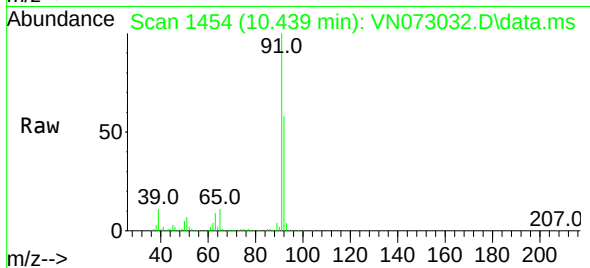




#53
t-1,3-Dichloropropene
Concen: 1.601 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. -0.217 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

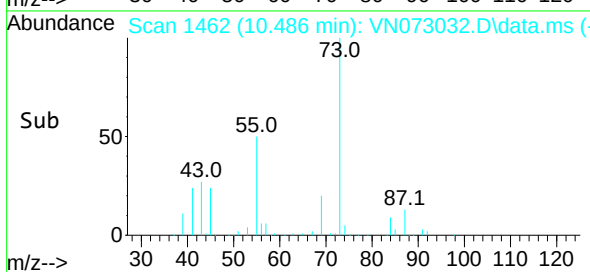
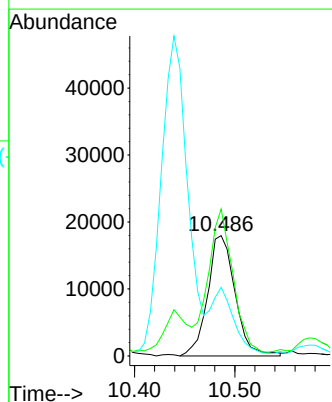
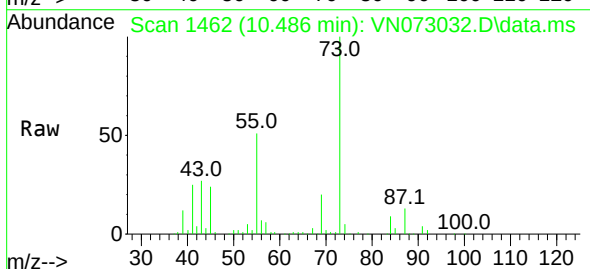
Instrument :
MSVOA_N
ClientSampleId :
PZ-7

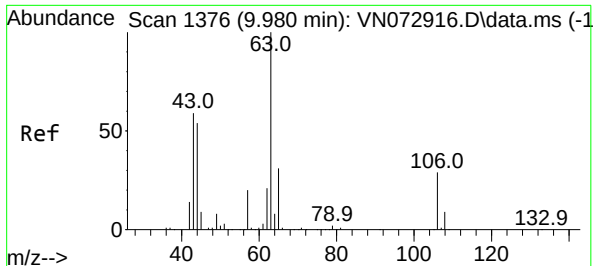
Tgt Ion: 75 Resp: 7408
Ion Ratio Lower Upper
75 100
77 142.6 25.6 38.4#



#56
Ethyl methacrylate
Concen: 6.324 ug/l
RT: 10.486 min Scan# 1462
Delta R.T. -0.212 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

Tgt Ion: 69 Resp: 34237
Ion Ratio Lower Upper
69 100
41 107.0 47.8 71.6#
39 38.6 27.3 40.9

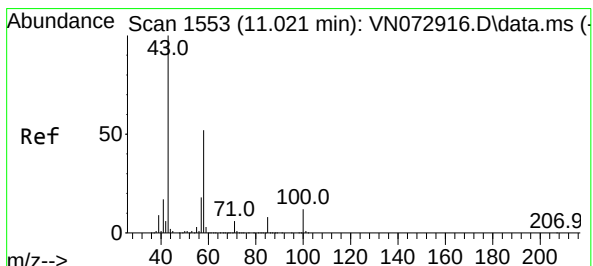
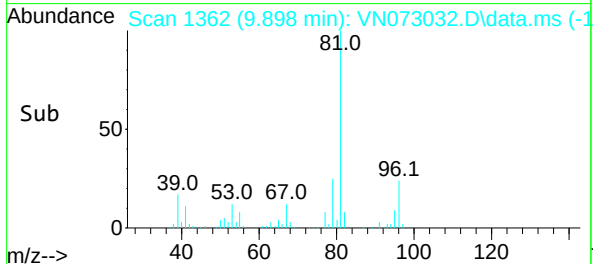
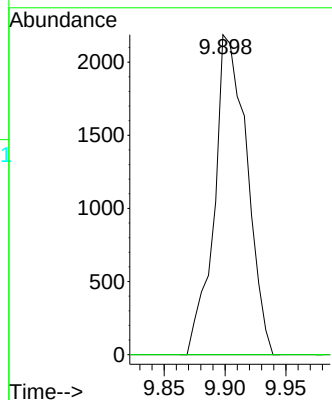
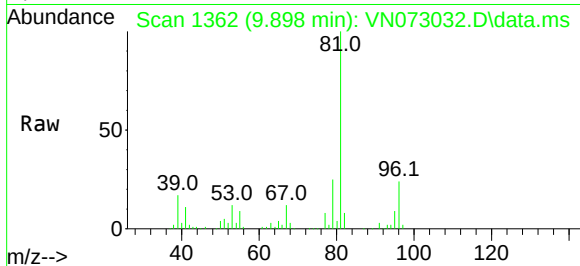




#58
2-Chloroethyl Vinyl ether
Concen: 1.708 ug/l
RT: 9.898 min Scan# 11
Delta R.T. -0.082 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

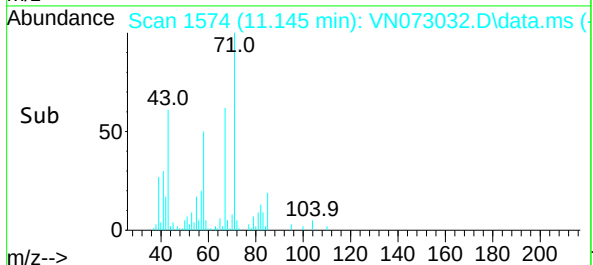
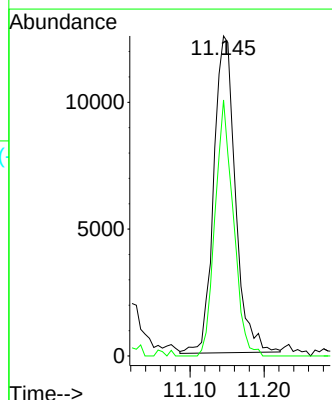
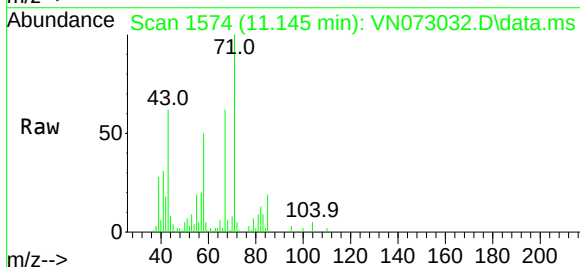
Instrument :
MSVOA_N
ClientSampleId :
PZ-7

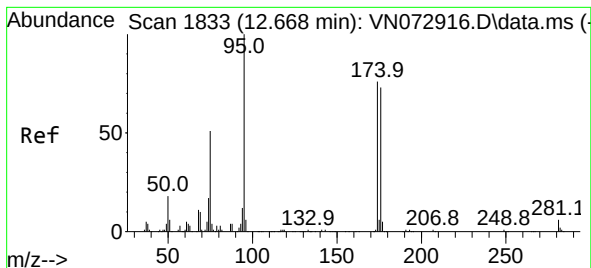
Tgt Ion: 63 Resp: 4082
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#59
2-Hexanone
Concen: 5.525 ug/l
RT: 11.145 min Scan# 1574
Delta R.T. 0.124 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

Tgt Ion: 43 Resp: 25399
Ion Ratio Lower Upper
43 100
58 67.9 29.7 89.1

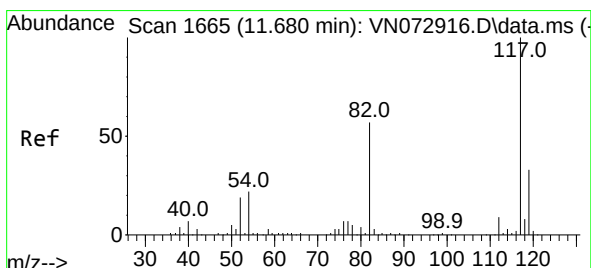
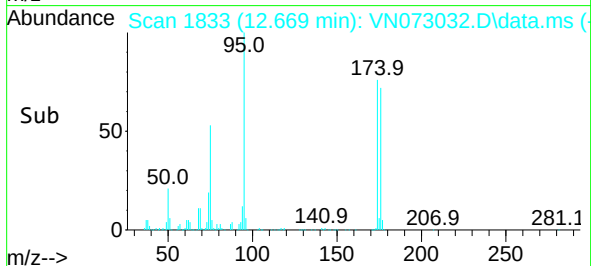
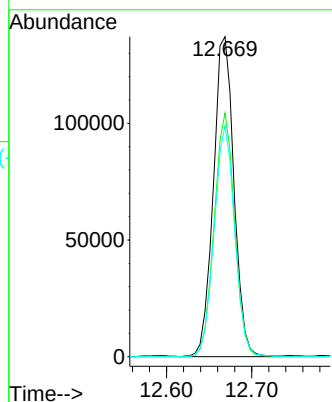
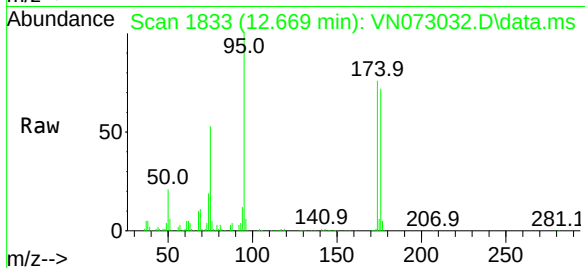




#62
4-Bromofluorobenzene
Concen: 58.576 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

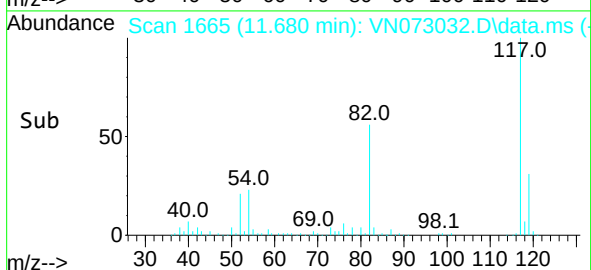
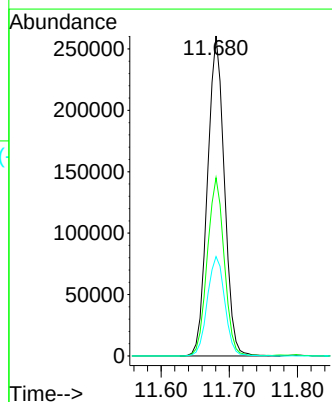
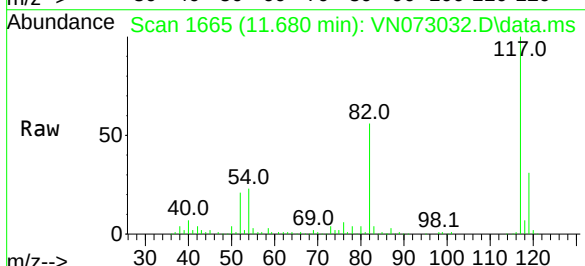
Instrument :
MSVOA_N
ClientSampleId :
PZ-7

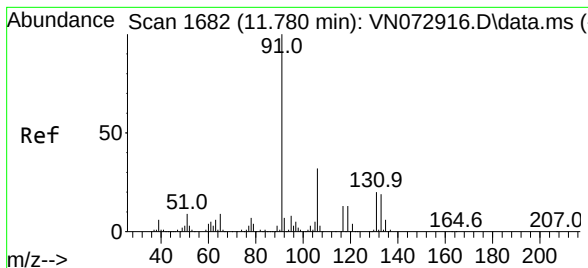
Tgt Ion: 95 Resp: 230913
Ion Ratio Lower Upper
95 100
174 75.5 0.0 167.6
176 72.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

Tgt Ion: 117 Resp: 448844
Ion Ratio Lower Upper
117 100
82 55.7 44.2 66.2
119 31.1 25.4 38.0





#67

Ethyl Benzene

Concen: 107.237 ug/l

RT: 11.780 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073032.D

Acq: 22 Jun 2022 18:07

Instrument :

MSVOA_N

ClientSampleId :

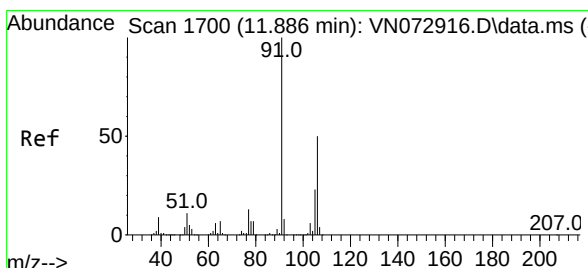
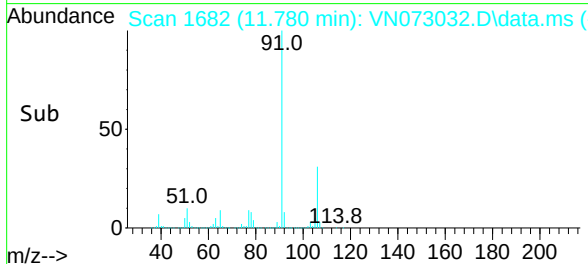
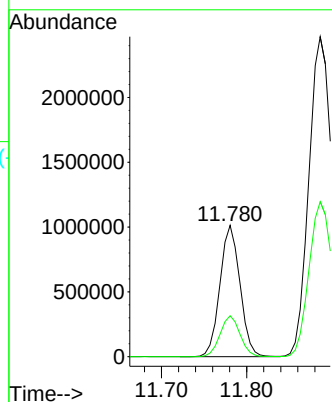
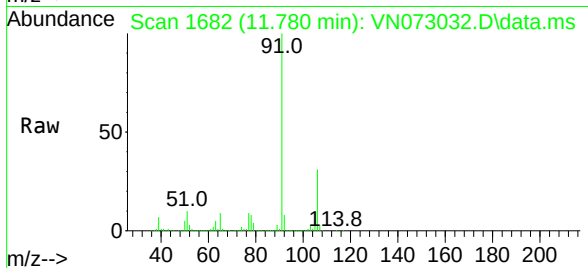
PZ-7

Tgt Ion: 91 Resp: 1654750

Ion Ratio Lower Upper

91 100

106 31.1 24.9 37.3



#68

m/p-Xylenes

Concen: 380.680 ug/l

RT: 11.886 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VN073032.D

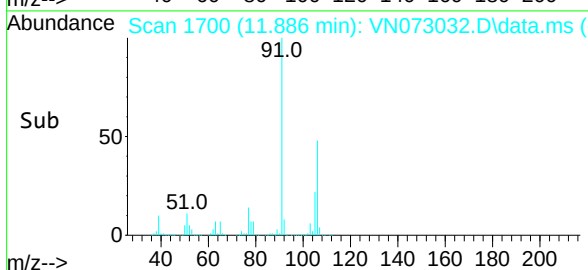
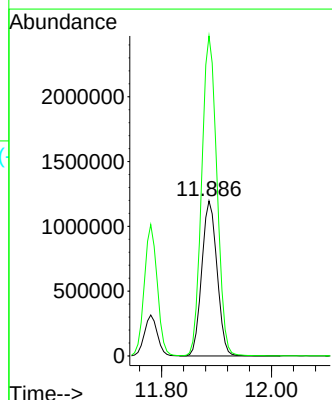
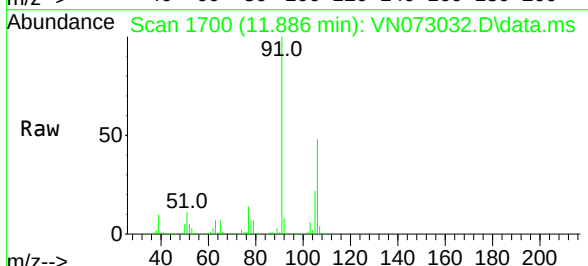
Acq: 22 Jun 2022 18:07

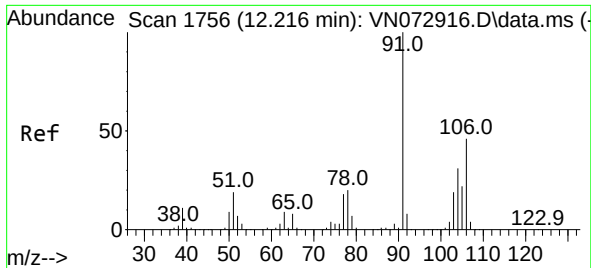
Tgt Ion:106 Resp: 2303952

Ion Ratio Lower Upper

106 100

91 206.2 158.9 238.3

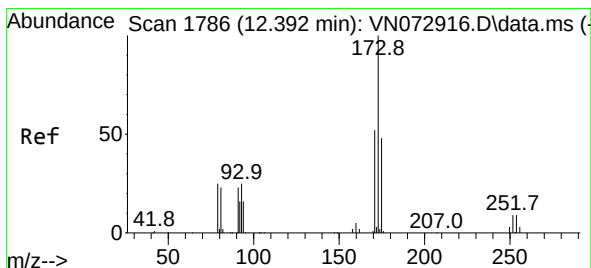
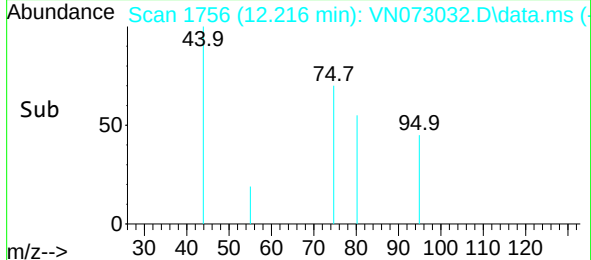
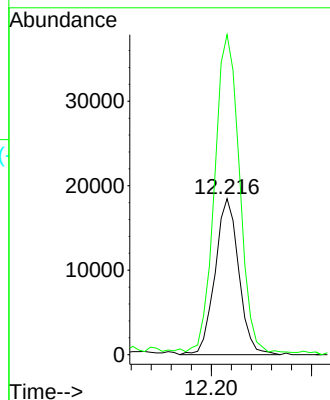
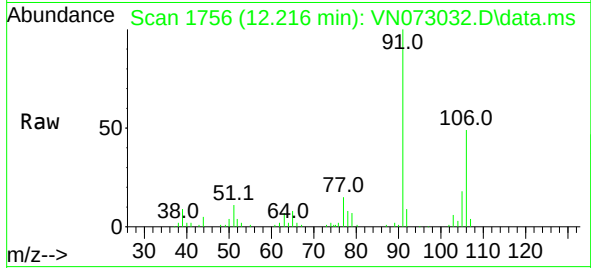




#69
o-Xylene
Concen: 5.021 ug/l
RT: 12.216 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

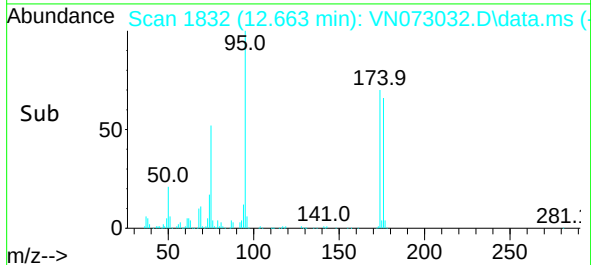
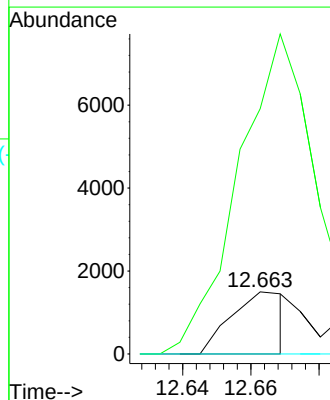
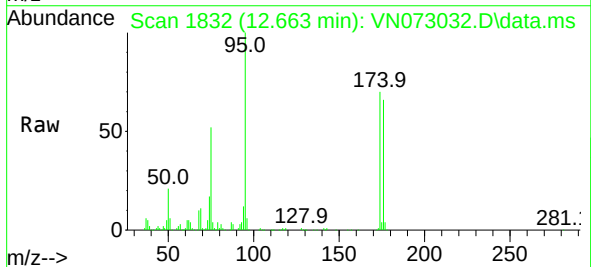
Instrument :
MSVOA_N
ClientSampleId :
PZ-7

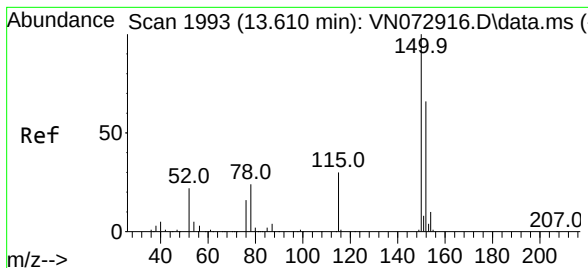
Tgt Ion:106 Resp: 30366
Ion Ratio Lower Upper
106 100
91 211.9 106.0 318.0



#71
Bromoform
Concen: 0.661 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. 0.271 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

Tgt Ion:173 Resp: 1663
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

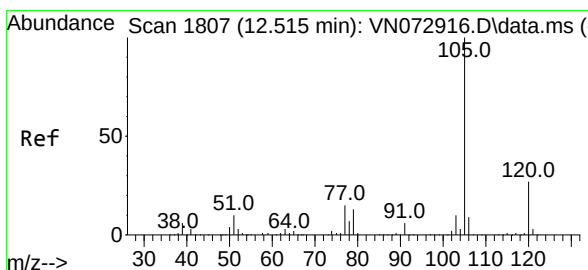
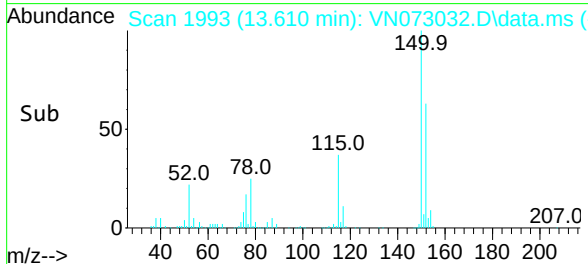
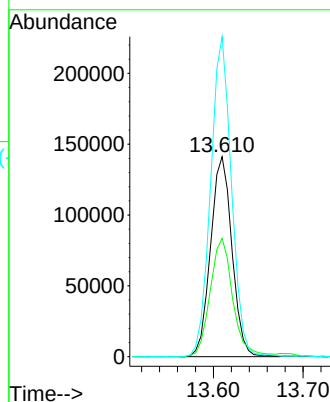
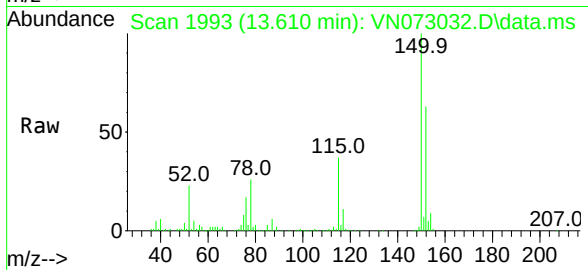




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. 0.000 min
 Lab File: VN073032.D
 Acq: 22 Jun 2022 18:07

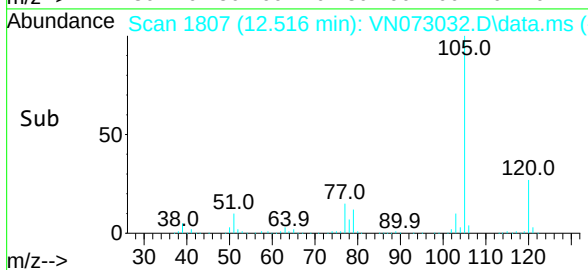
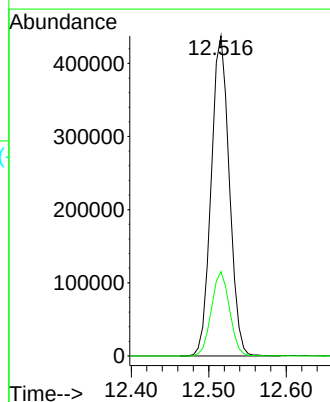
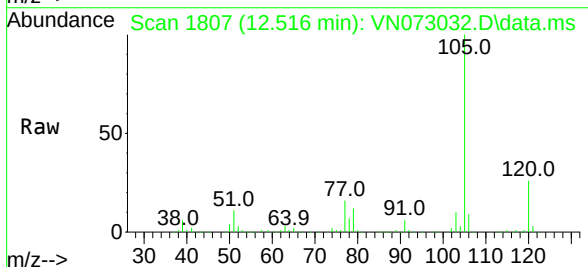
Instrument :
 MSVOA_N
 ClientSampleId :
 PZ-7

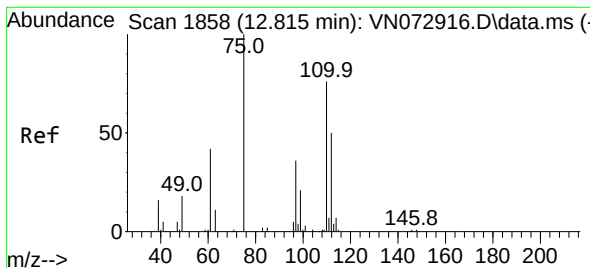
Tgt Ion:152 Resp: 233488
 Ion Ratio Lower Upper
 152 100
 115 62.7 28.9 86.7
 150 156.2 0.0 356.2



#73
 Isopropylbenzene
 Concen: 39.419 ug/l
 RT: 12.516 min Scan# 1807
 Delta R.T. 0.000 min
 Lab File: VN073032.D
 Acq: 22 Jun 2022 18:07

Tgt Ion:105 Resp: 712042
 Ion Ratio Lower Upper
 105 100
 120 26.4 13.5 40.4





#76

1,2,3-Trichloropropane

Concen: 1.260 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. 0.041 min

Lab File: VN073032.D

Acq: 22 Jun 2022 18:07

Instrument :

MSVOA_N

ClientSampleId :

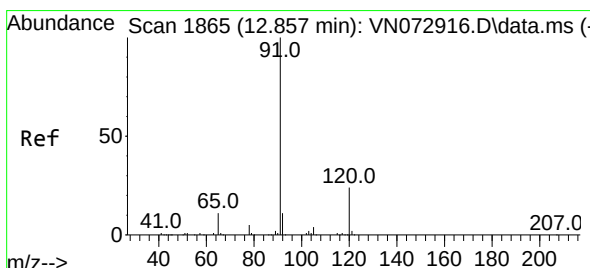
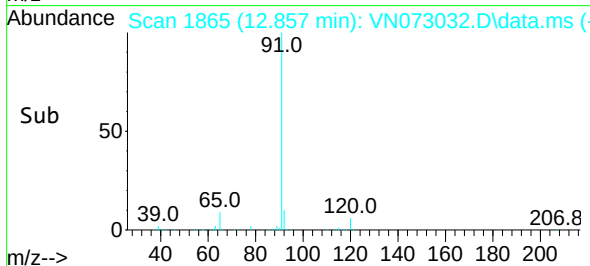
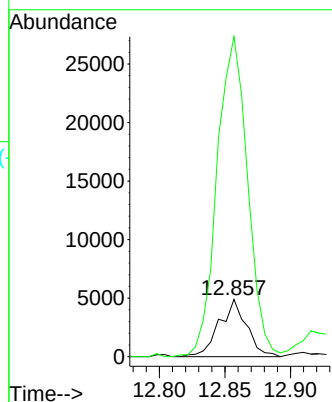
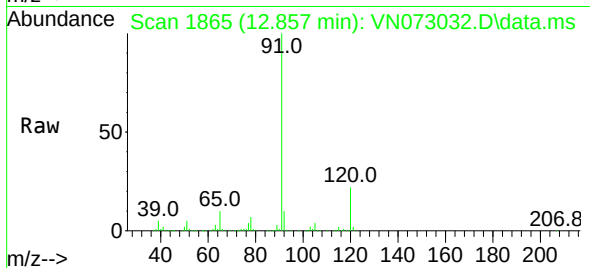
PZ-7

Tgt Ion: 75 Resp: 7133

Ion Ratio Lower Upper

75 100

77 621.8 98.5 295.5#



#78

n-propylbenzene

Concen: 54.066 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. 0.000 min

Lab File: VN073032.D

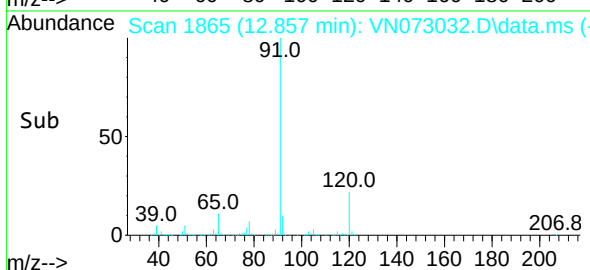
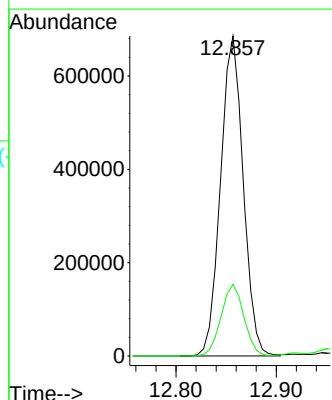
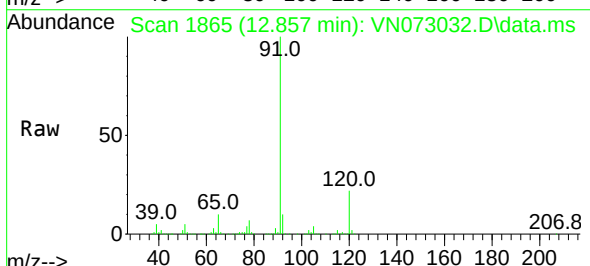
Acq: 22 Jun 2022 18:07

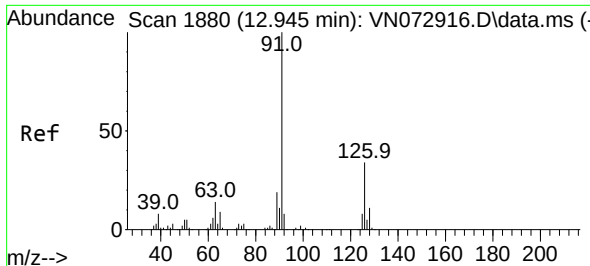
Tgt Ion: 91 Resp: 1074223

Ion Ratio Lower Upper

91 100

120 22.6 11.9 35.5

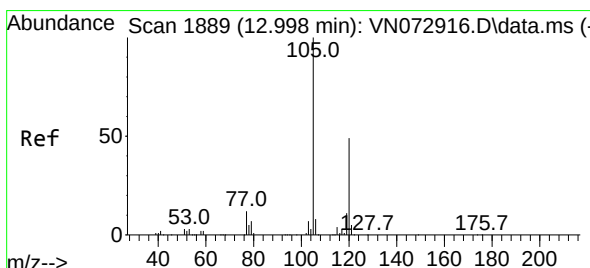
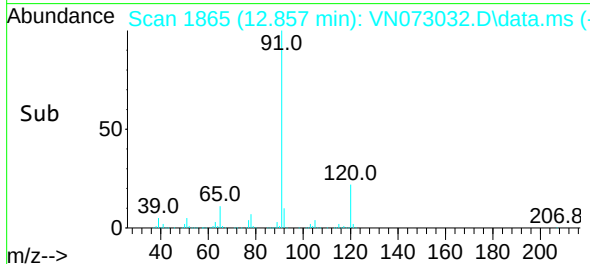
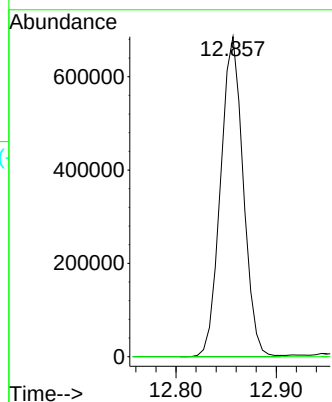
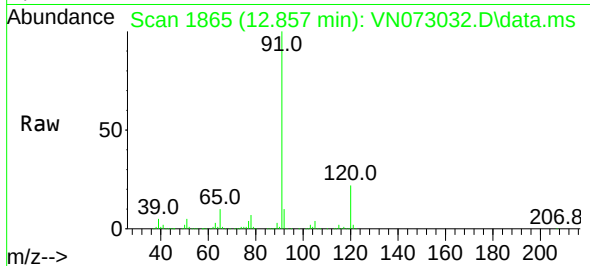




#79
2-Chlorotoluene
Concen: 83.493 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.088 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

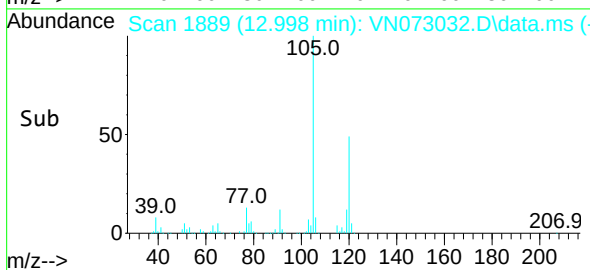
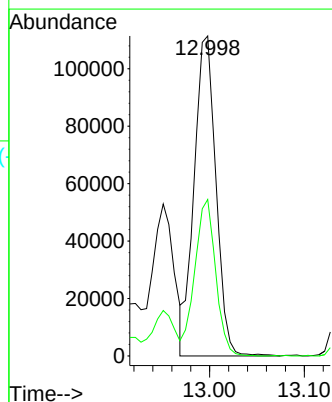
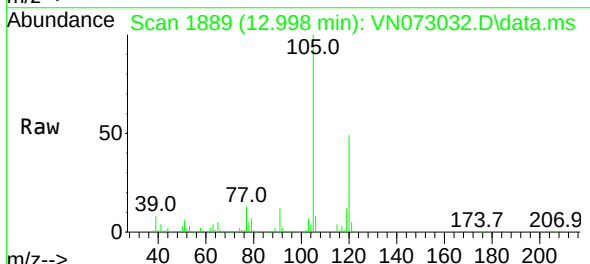
Instrument :
MSVOA_N
ClientSampleId :
PZ-7

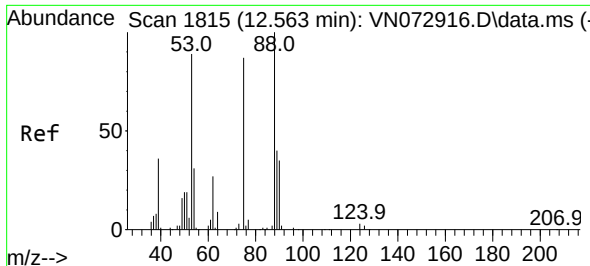
Tgt Ion: 91 Resp: 1074223
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#



#80
1,3,5-Trimethylbenzene
Concen: 12.018 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

Tgt Ion: 105 Resp: 178310
Ion Ratio Lower Upper
105 100
120 47.0 24.9 74.7

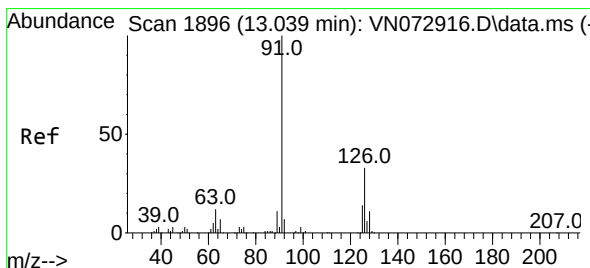
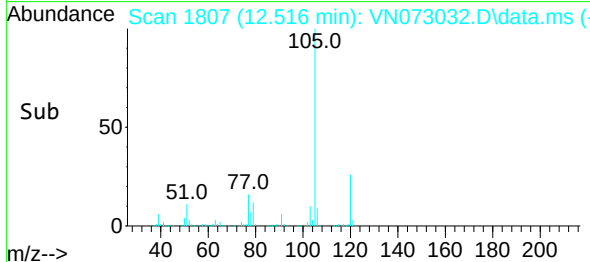
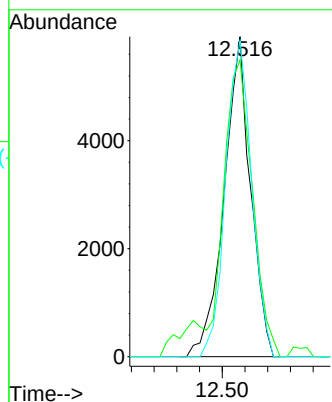
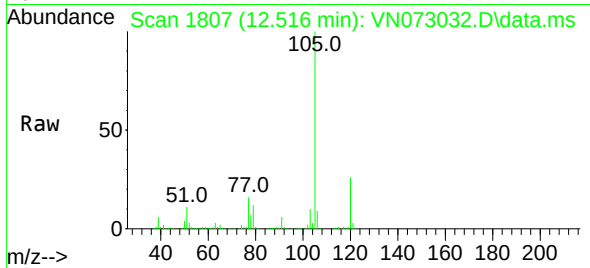




#81
 trans-1,4-Dichloro-2-butene
 Concen: 4.557 ug/l
 RT: 12.516 min Scan# 11
 Delta R.T. -0.047 min
 Lab File: VN073032.D
 Acq: 22 Jun 2022 18:07

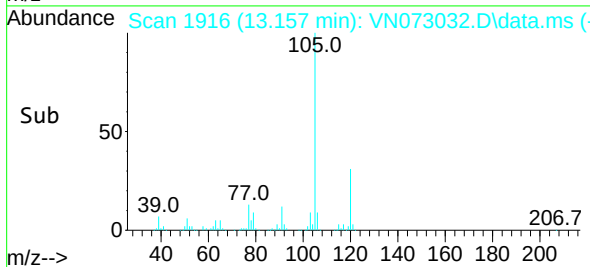
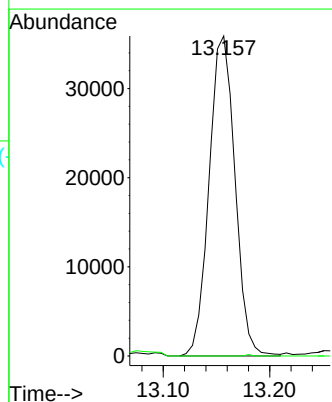
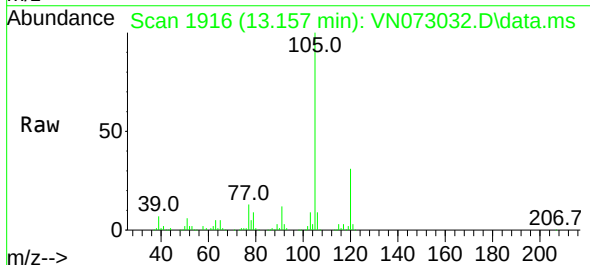
Instrument :
 MSVOA_N
 ClientSampleId :
 PZ-7

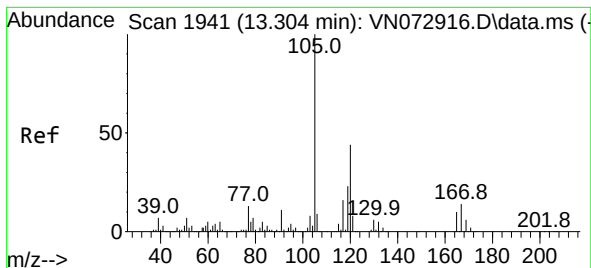
Tgt Ion: 75 Resp: 9552
 Ion Ratio Lower Upper
 75 100
 53 99.9 78.0 117.0
 89 97.2 37.2 55.8#



#82
 4-Chlorotoluene
 Concen: 4.969 ug/l
 RT: 13.157 min Scan# 1916
 Delta R.T. 0.118 min
 Lab File: VN073032.D
 Acq: 22 Jun 2022 18:07

Tgt Ion: 91 Resp: 60484
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.2 51.6#





#84

1,2,4-Trimethylbenzene

Concen: 2.931 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. 0.000 min

Lab File: VN073032.D

Acq: 22 Jun 2022 18:07

Instrument :

MSVOA_N

ClientSampleId :

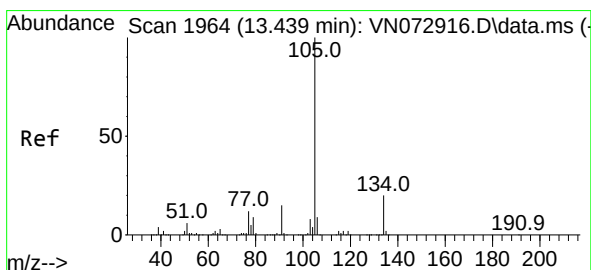
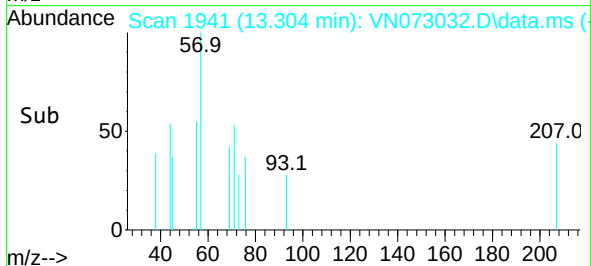
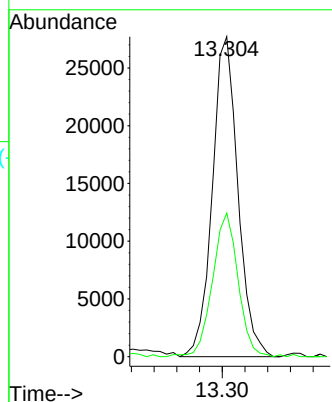
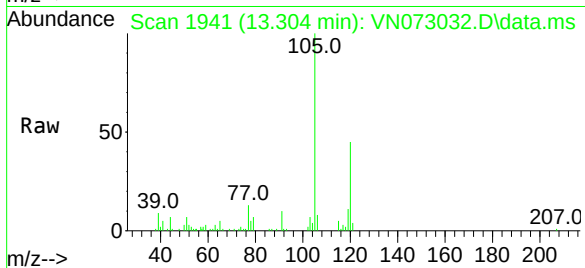
PZ-7

Tgt Ion:105 Resp: 43312

Ion Ratio Lower Upper

105 100

120 44.8 23.3 69.8



#85

sec-Butylbenzene

Concen: 0.543 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VN073032.D

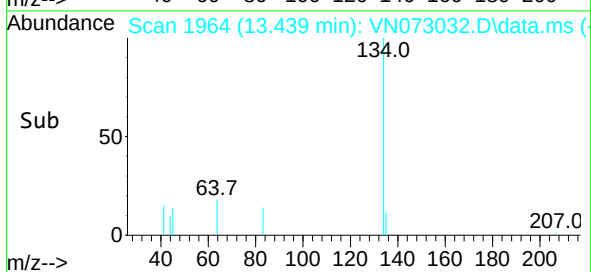
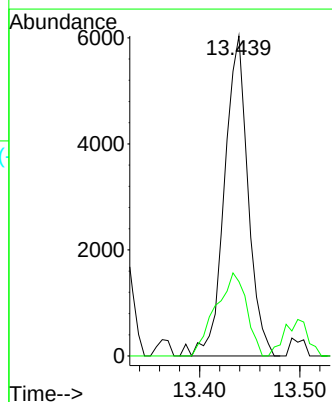
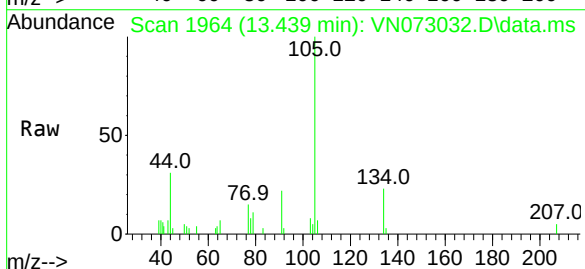
Acq: 22 Jun 2022 18:07

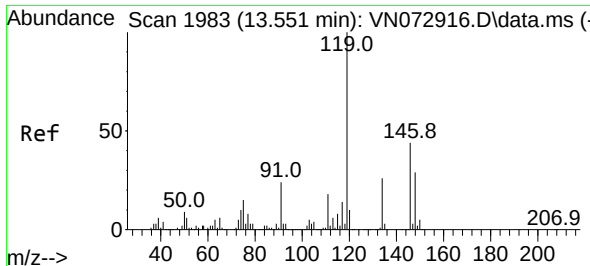
Tgt Ion:105 Resp: 9851

Ion Ratio Lower Upper

105 100

134 34.0 10.4 31.1#

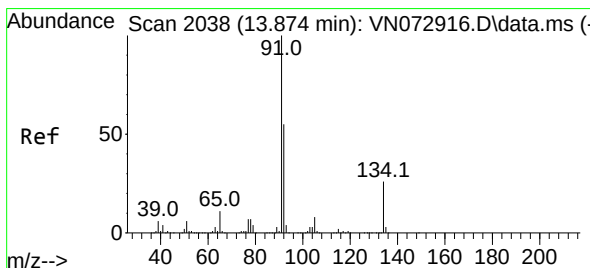
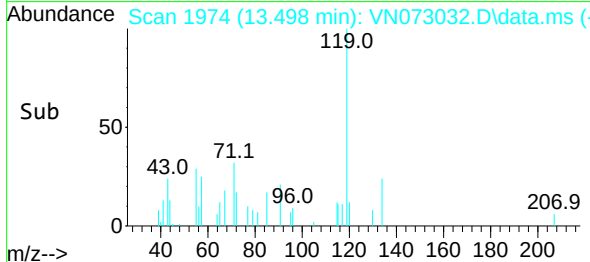
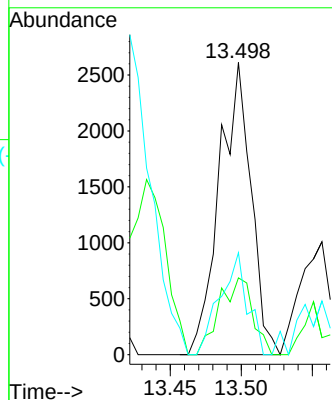
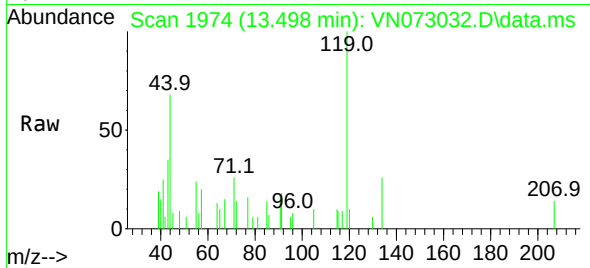




#86
 p-Isopropyltoluene
 Concen: 0.276 ug/l
 RT: 13.498 min Scan# 1983
 Delta R.T. -0.053 min
 Lab File: VN073032.D
 Acq: 22 Jun 2022 18:07

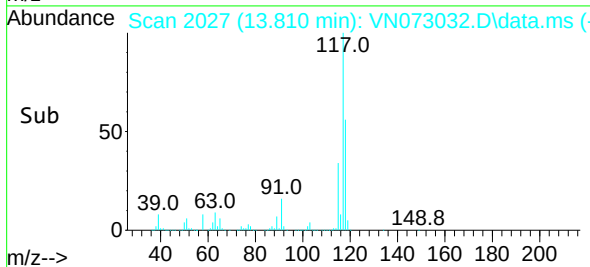
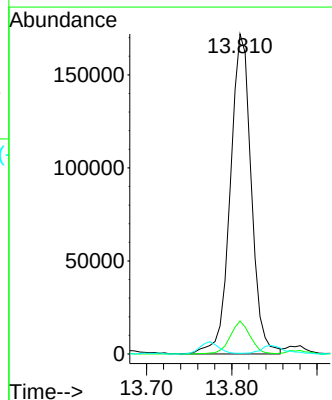
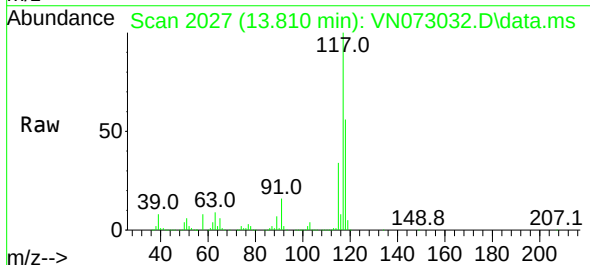
Instrument :
 MSVOA_N
 ClientSampleId :
 PZ-7

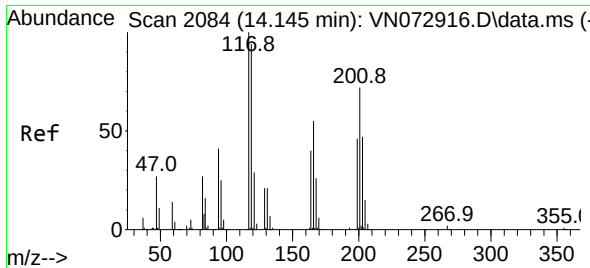
Tgt Ion:119 Resp: 4048
 Ion Ratio Lower Upper
 119 100
 134 27.8 13.3 39.8
 91 0.0 11.3 33.9#



#89
 n-Butylbenzene
 Concen: 24.534 ug/l
 RT: 13.810 min Scan# 2027
 Delta R.T. -0.065 min
 Lab File: VN073032.D
 Acq: 22 Jun 2022 18:07

Tgt Ion: 91 Resp: 294008
 Ion Ratio Lower Upper
 91 100
 92 9.9 26.9 80.7#
 134 0.0 13.6 40.8#

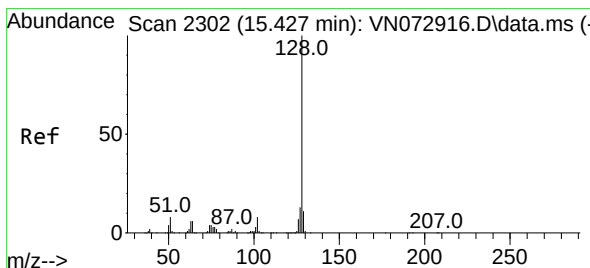
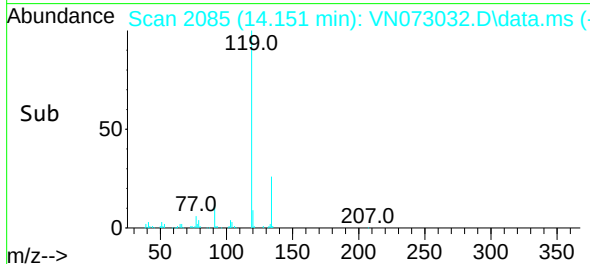
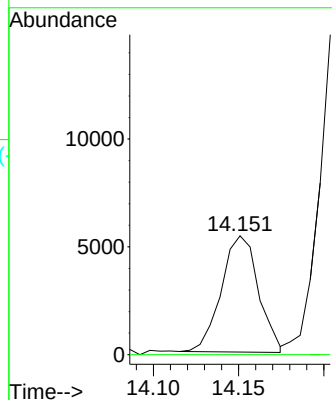
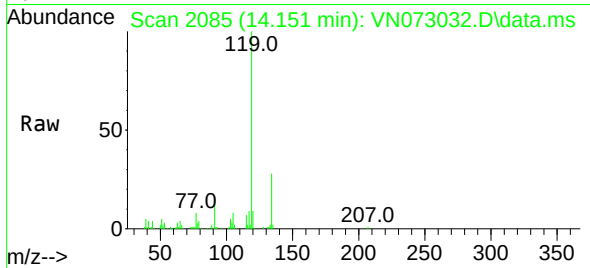




#90
Hexachloroethane
Concen: 2.951 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.006 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

Instrument :
MSVOA_N
ClientSampleId :
PZ-7

Tgt Ion:117 Resp: 8166
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#



#95
Naphthalene
Concen: 55.599 ug/l
RT: 15.427 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN073032.D
Acq: 22 Jun 2022 18:07

Tgt Ion:128 Resp: 1002863
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.6 13.0

