

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070122\
 Data File : VN073297.D
 Acq On : 01 Jul 2022 15:12
 Operator : JC\MD
 Sample : N3569-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-SPC-05-20

Quant Time: Jul 04 05:05:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

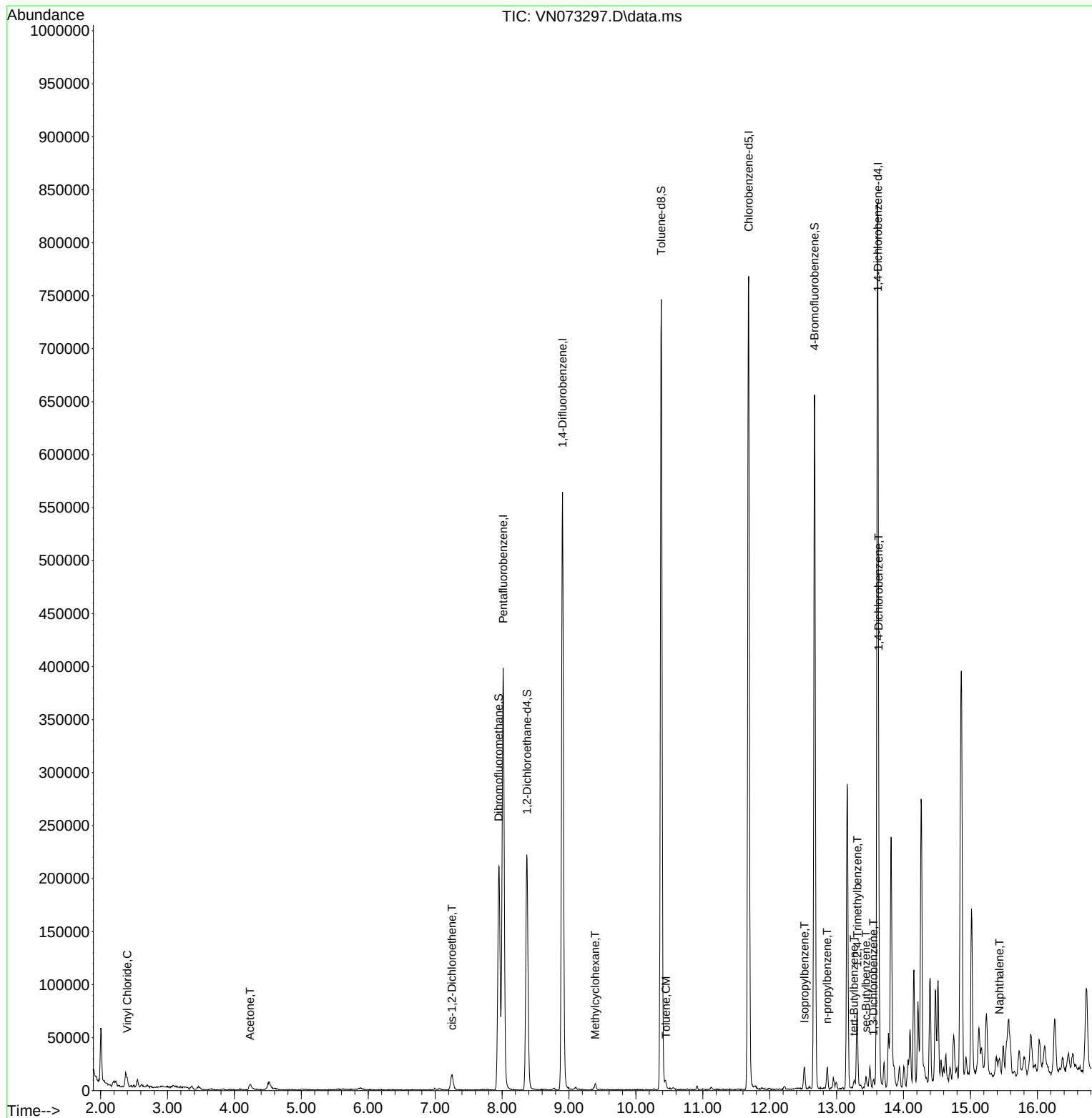
Internal Standards						
1) Pentafluorobenzene	8.016	168	299104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	491169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	448375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	223226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	186281	43.142	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.280%
35) Dibromofluoromethane	7.951	113	157523	48.204	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.400%
50) Toluene-d8	10.380	98	518860	44.705	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.420%
62) 4-Bromofluorobenzene	12.668	95	231974	52.010	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.020%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.398	62	1438	0.399	ug/l #	88
16) Acetone	4.234	43	10143	4.185	ug/l #	73
27) cis-1,2-Dichloroethene	7.251	96	8578	1.925	ug/l	93
39) Methylcyclohexane	9.392	83	2359	0.377	ug/l #	84
52) Toluene	10.451	92	2584	0.269	ug/l	97
73) Isopropylbenzene	12.521	105	12073	0.626	ug/l	99
78) n-propylbenzene	12.857	91	16561	0.773	ug/l	97
83) tert-Butylbenzene	13.262	119	3404	0.242	ug/l	89
84) 1,2,4-Trimethylbenzene	13.310	105	41630	2.654	ug/l	99
85) sec-Butylbenzene	13.439	105	6076	0.321	ug/l	97
87) 1,3-Dichlorobenzene	13.551	146	1969	0.245	ug/l	82
88) 1,4-Dichlorobenzene	13.627	146	21295	2.643	ug/l	89
95) Naphthalene	15.433	128	17021	0.989	ug/l	98

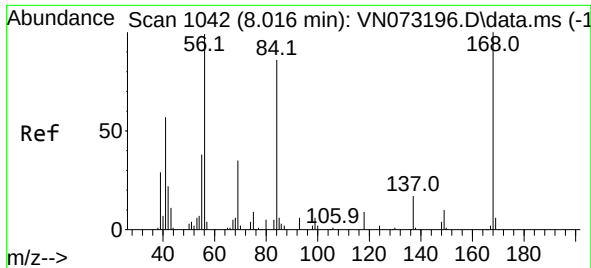
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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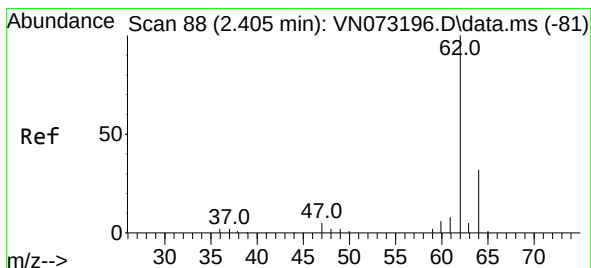
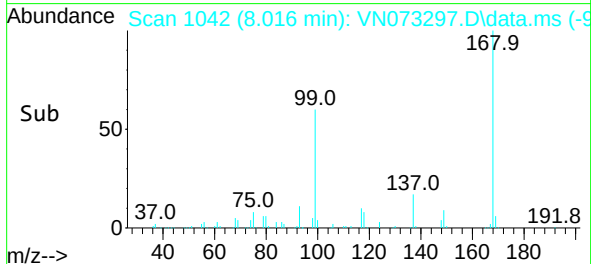
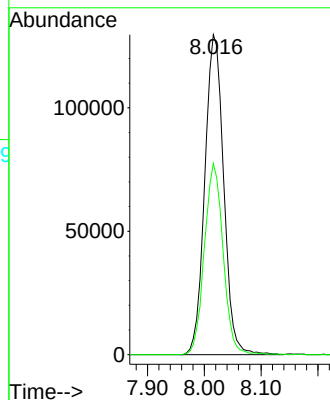
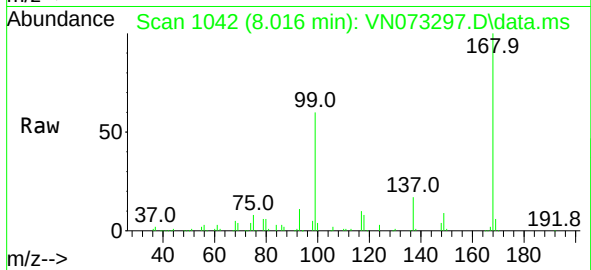




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073297.D
Acq: 01 Jul 2022 15:12

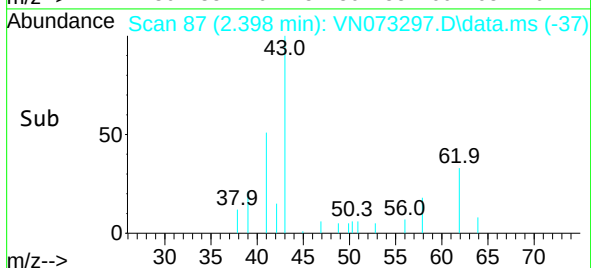
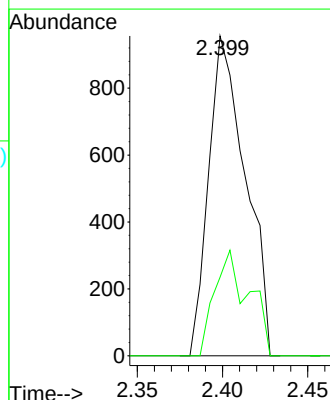
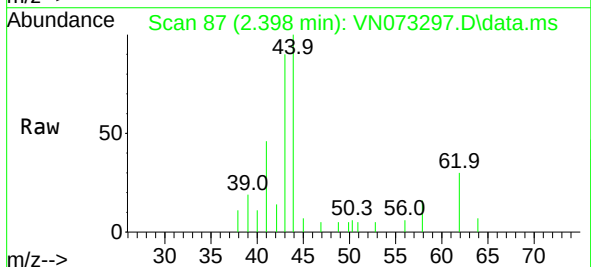
Instrument :
MSVOA_N
ClientSampleId :
152140-SPC-05-20

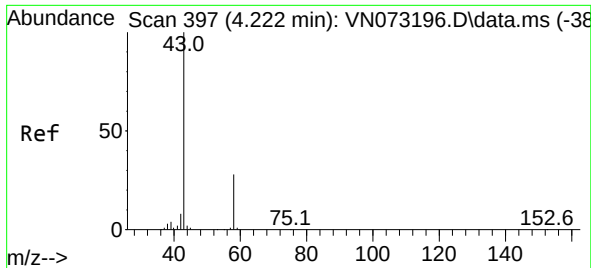
Tgt Ion:168 Resp: 299104
Ion Ratio Lower Upper
168 100
99 59.7 42.3 63.5



#4
Vinyl Chloride
Concen: 0.399 ug/l
RT: 2.398 min Scan# 87
Delta R.T. -0.006 min
Lab File: VN073297.D
Acq: 01 Jul 2022 15:12

Tgt Ion: 62 Resp: 1438
Ion Ratio Lower Upper
62 100
64 24.6 25.0 37.4#

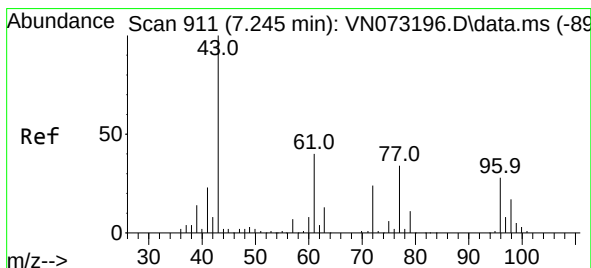
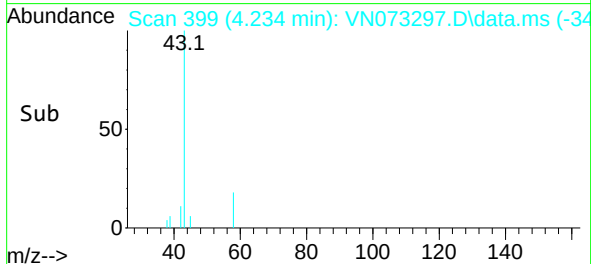
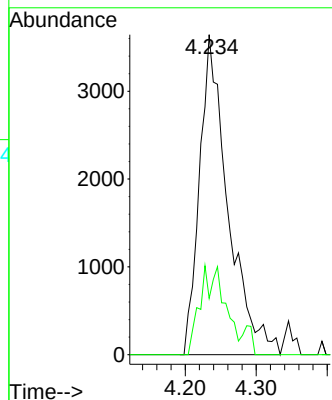
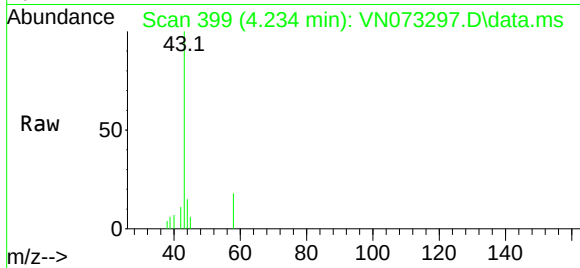




#16
Acetone
Concen: 4.185 ug/l
RT: 4.234 min Scan# 397
Delta R.T. 0.012 min
Lab File: VN073297.D
Acq: 01 Jul 2022 15:12

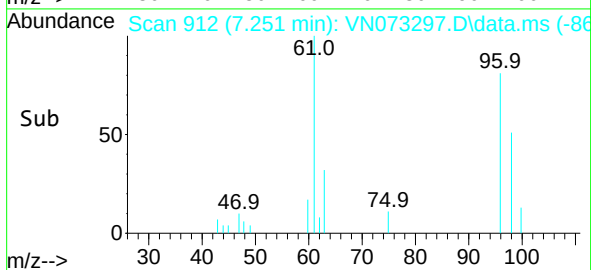
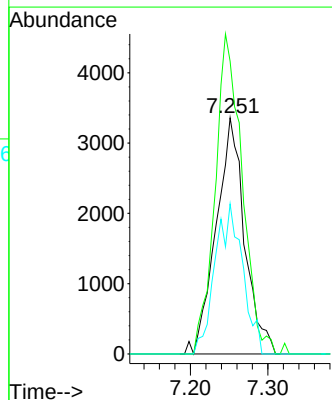
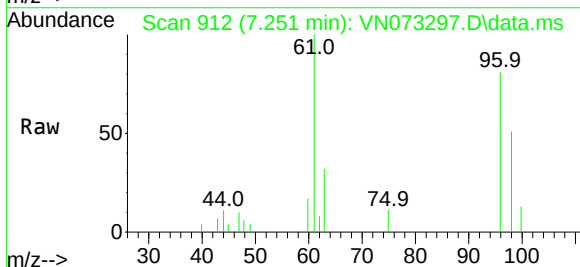
Instrument :
MSVOA_N
ClientSampleId :
152140-SPC-05-20

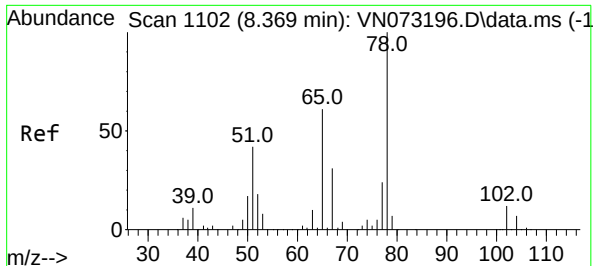
Tgt Ion: 43 Resp: 10143
Ion Ratio Lower Upper
43 100
58 17.6 26.0 39.0#



#27
cis-1,2-Dichloroethene
Concen: 1.925 ug/l
RT: 7.251 min Scan# 912
Delta R.T. 0.006 min
Lab File: VN073297.D
Acq: 01 Jul 2022 15:12

Tgt Ion: 96 Resp: 8578
Ion Ratio Lower Upper
96 100
61 129.0 0.0 280.6
98 61.5 0.0 128.4





#33

1,2-Dichloroethane-d4

Concen: 43.142 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN073297.D

Acq: 01 Jul 2022 15:12

Instrument :

MSVOA_N

ClientSampleId :

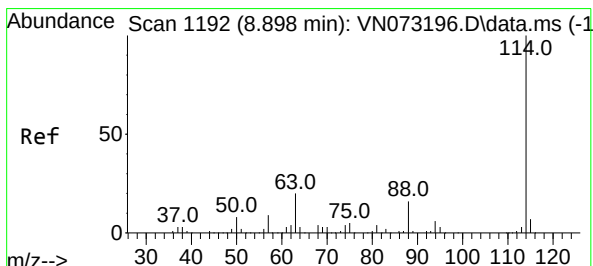
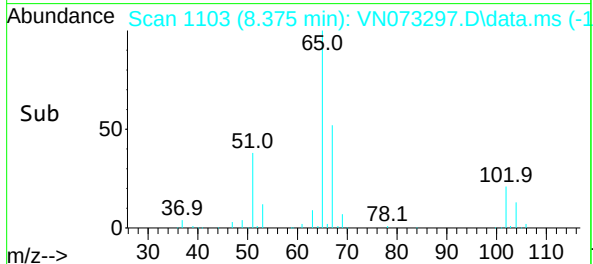
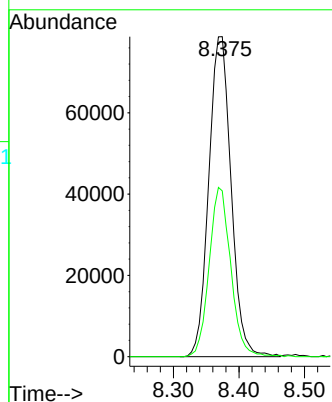
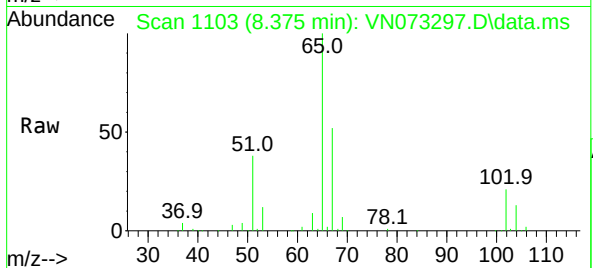
152140-SPC-05-20

Tgt Ion: 65 Resp: 186281

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073297.D

Acq: 01 Jul 2022 15:12

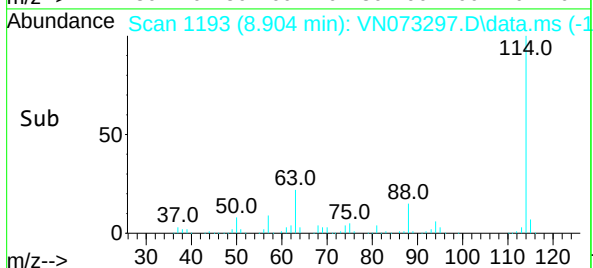
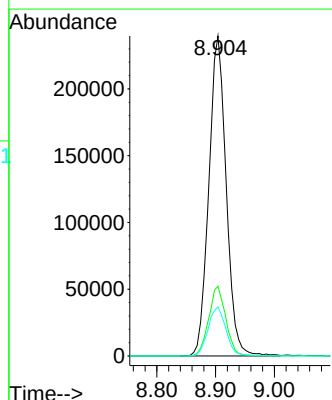
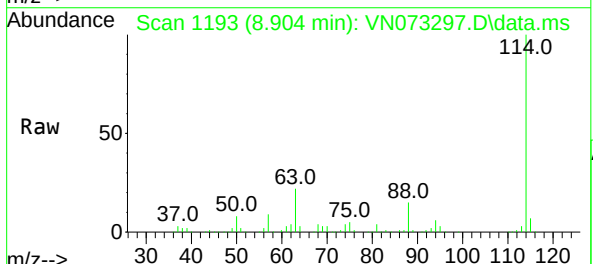
Tgt Ion: 114 Resp: 491169

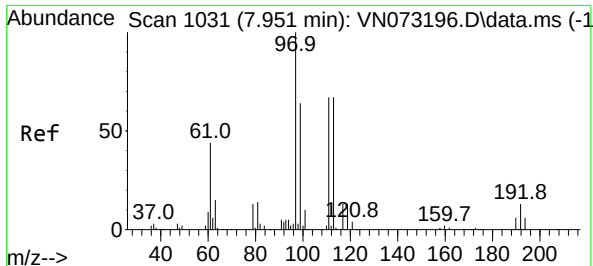
Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.0

88 15.3 0.0 32.6

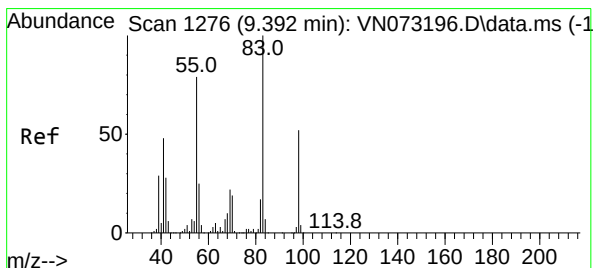
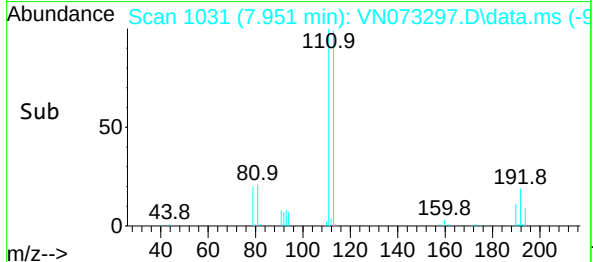
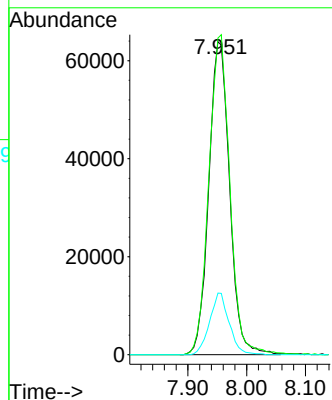
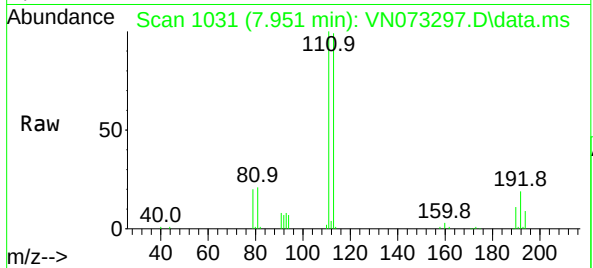




#35
Dibromofluoromethane
Concen: 48.204 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073297.D
Acq: 01 Jul 2022 15:12

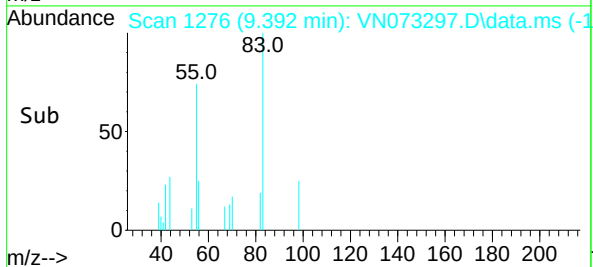
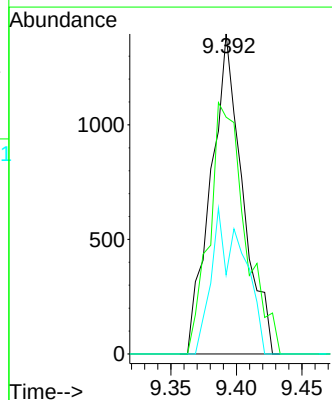
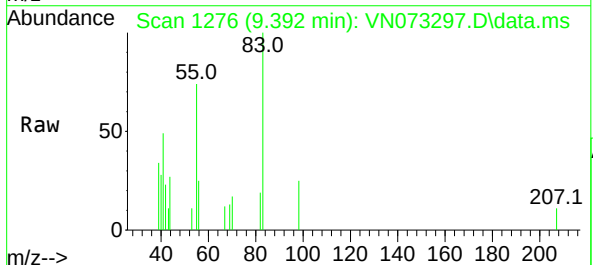
Instrument :
MSVOA_N
ClientSampleId :
152140-SPC-05-20

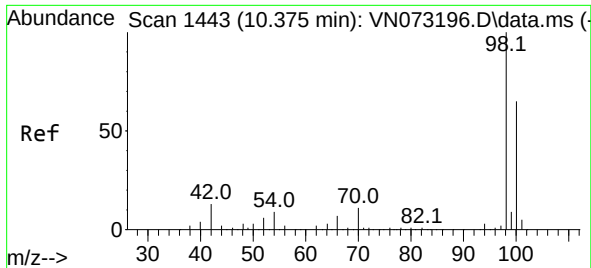
Tgt Ion:113 Resp: 157523
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.0
192 18.5 17.0 25.6



#39
Methylcyclohexane
Concen: 0.377 ug/l
RT: 9.392 min Scan# 1276
Delta R.T. 0.000 min
Lab File: VN073297.D
Acq: 01 Jul 2022 15:12

Tgt Ion: 83 Resp: 2359
Ion Ratio Lower Upper
83 100
55 74.0 57.8 86.8
98 24.7 39.4 59.2#

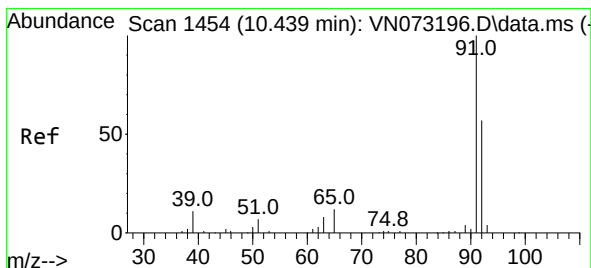
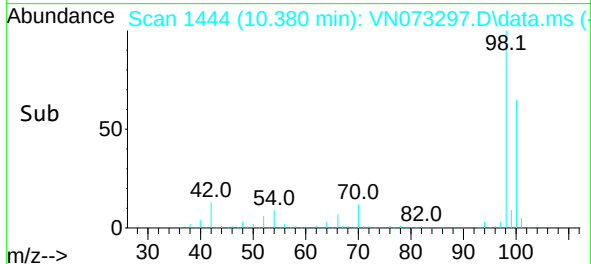
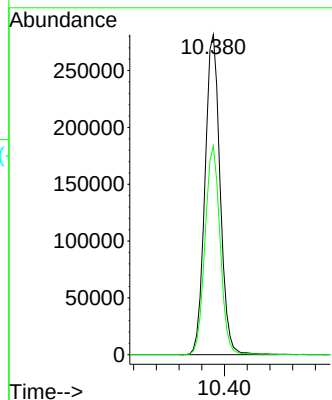
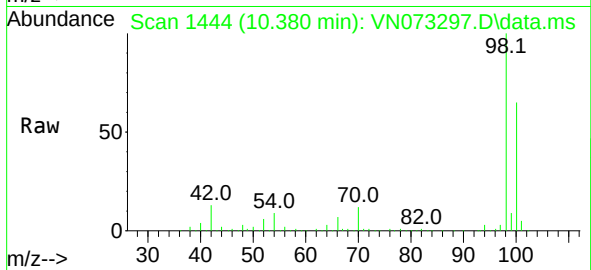




#50
Toluene-d8
Concen: 44.705 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073297.D
Acq: 01 Jul 2022 15:12

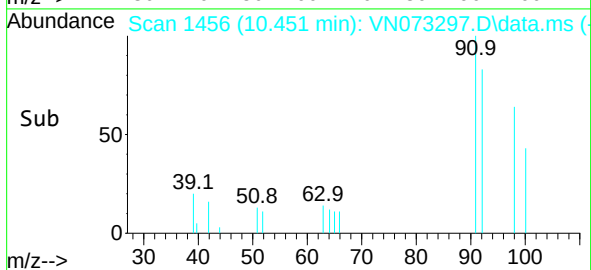
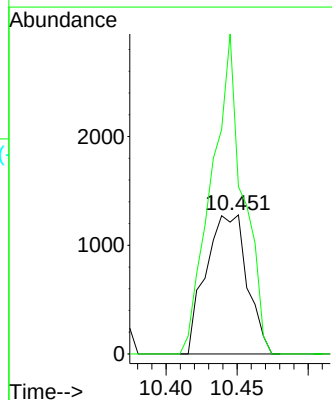
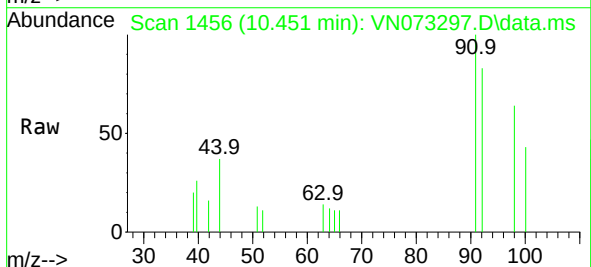
Instrument :
MSVOA_N
ClientSampleId :
152140-SPC-05-20

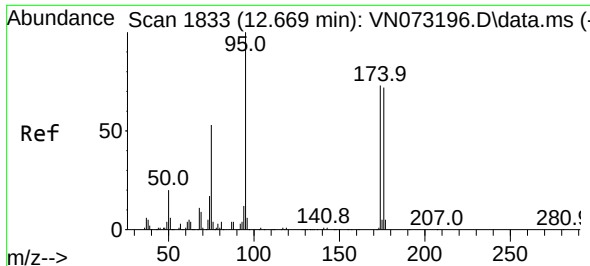
Tgt Ion: 98 Resp: 518860
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#52
Toluene
Concen: 0.269 ug/l
RT: 10.451 min Scan# 1456
Delta R.T. 0.012 min
Lab File: VN073297.D
Acq: 01 Jul 2022 15:12

Tgt Ion: 92 Resp: 2584
Ion Ratio Lower Upper
92 100
91 177.3 138.6 207.8

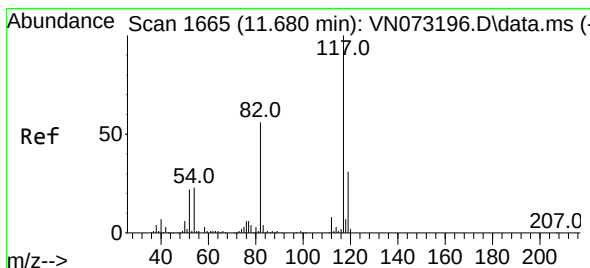
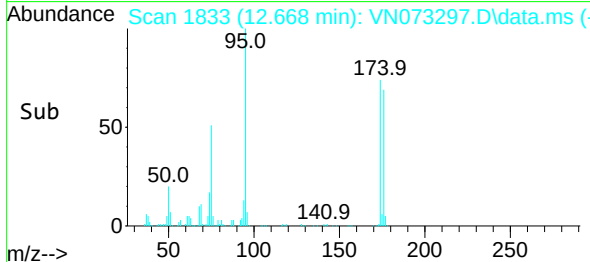
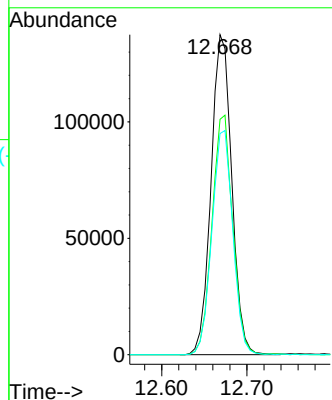
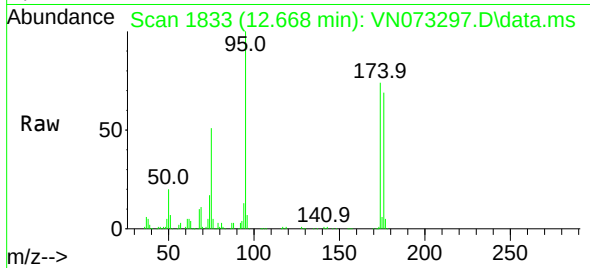




#62
4-Bromofluorobenzene
Concen: 52.010 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073297.D
Acq: 01 Jul 2022 15:12

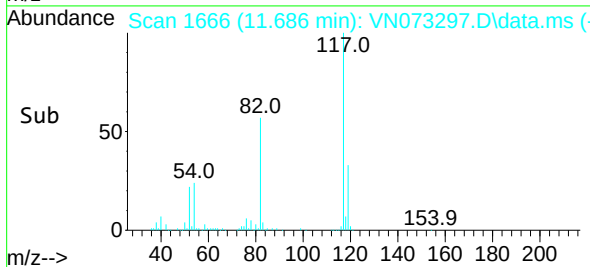
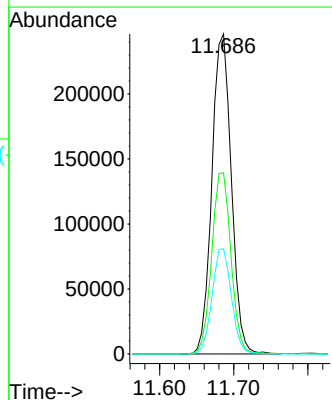
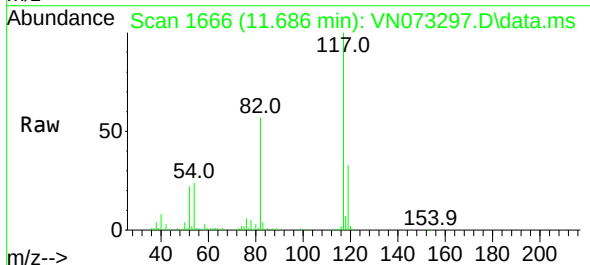
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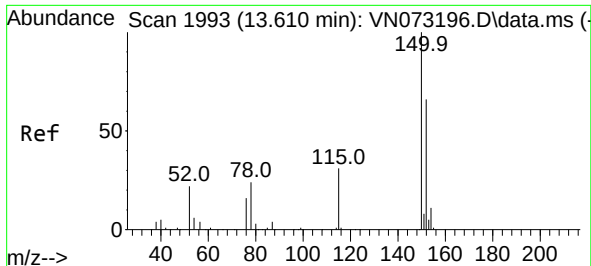
Tgt Ion: 95 Resp: 231974
Ion Ratio Lower Upper
95 100
174 75.0 0.0 167.6
176 70.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073297.D
Acq: 01 Jul 2022 15:12

Tgt Ion: 117 Resp: 448375
Ion Ratio Lower Upper
117 100
82 56.6 44.2 66.2
119 32.9 25.4 38.0

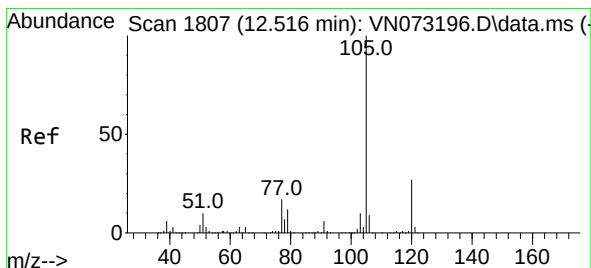
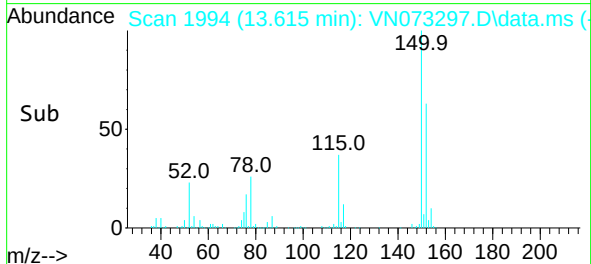
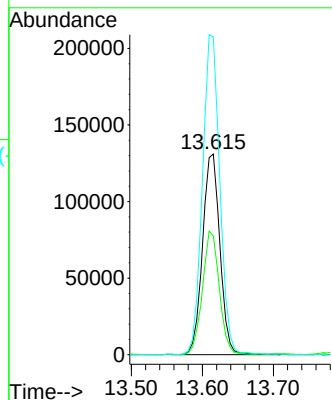
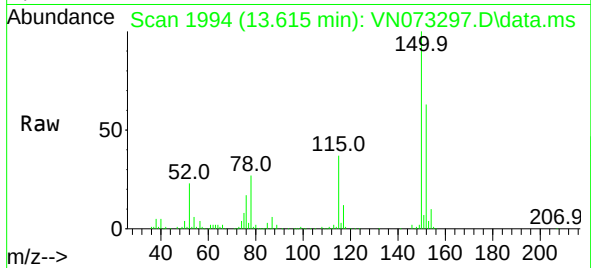




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.005 min
Lab File: VN073297.D
Acq: 01 Jul 2022 15:12

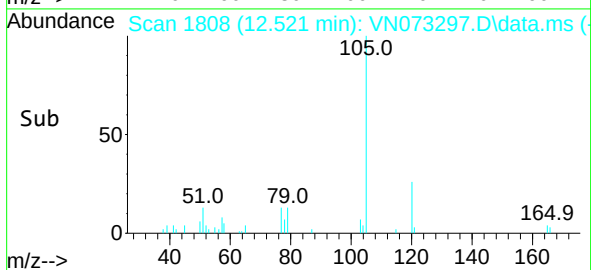
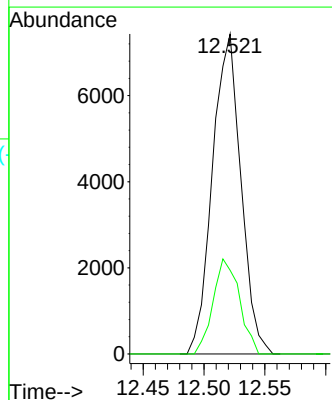
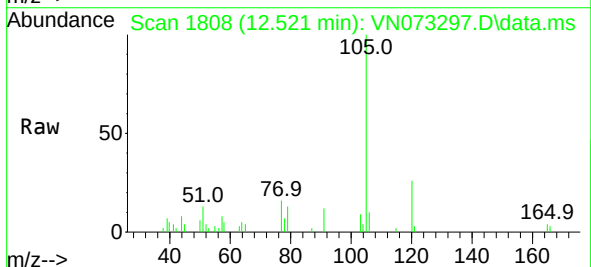
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152140-SPC-05-20

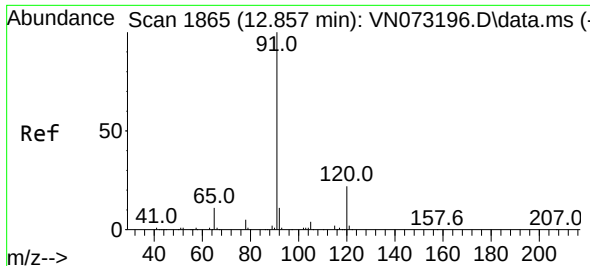
Tgt Ion:152 Resp: 223226
Ion Ratio Lower Upper
152 100
115 59.9 28.9 86.7
150 159.6 0.0 356.2



#73
Isopropylbenzene
Concen: 0.626 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.005 min
Lab File: VN073297.D
Acq: 01 Jul 2022 15:12

Tgt Ion:105 Resp: 12073
Ion Ratio Lower Upper
105 100
120 27.5 13.5 40.4

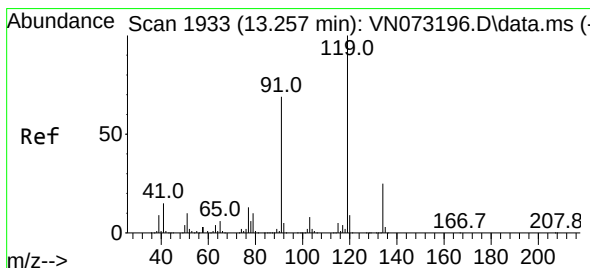
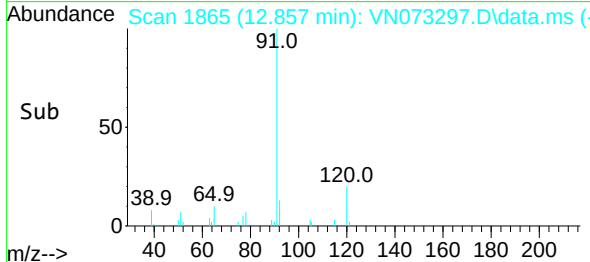
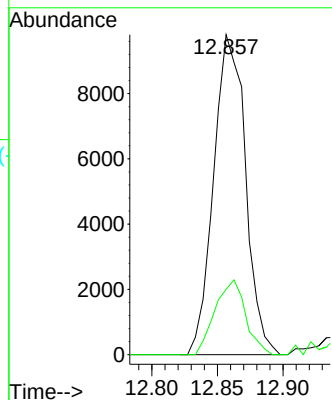
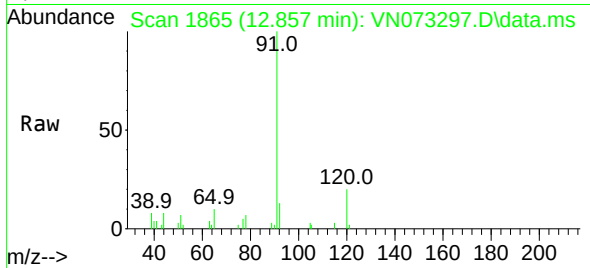




#78
n-propylbenzene
Concen: 0.773 ug/l
RT: 12.857 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073297.D
Acq: 01 Jul 2022 15:12

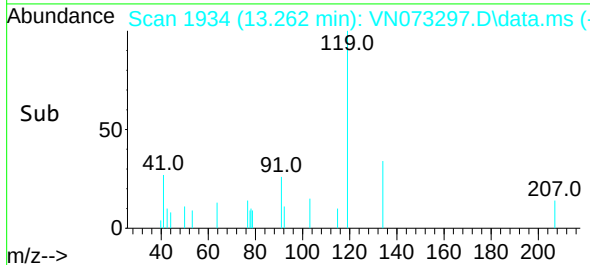
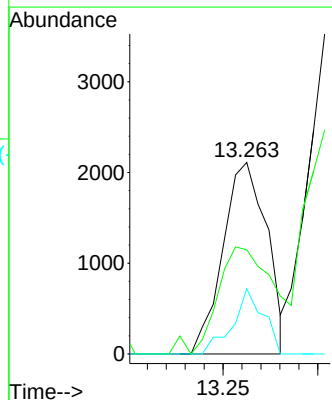
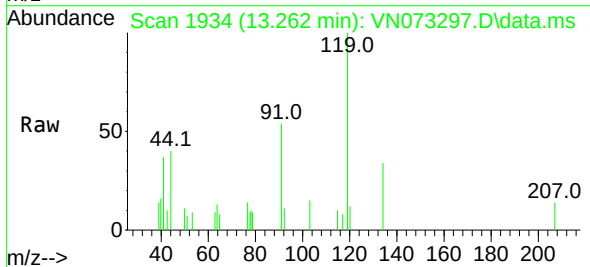
Instrument :
MSVOA_N
ClientSampleId :
152140-SPC-05-20

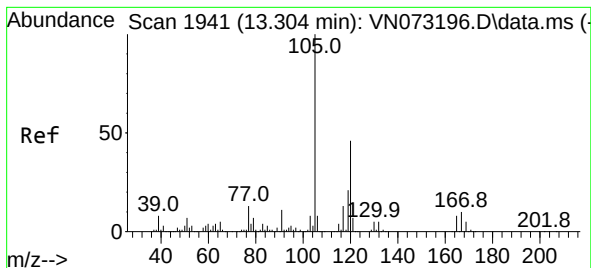
Tgt Ion: 91 Resp: 16561
Ion Ratio Lower Upper
91 100
120 22.4 11.9 35.5



#83
tert-Butylbenzene
Concen: 0.242 ug/l
RT: 13.262 min Scan# 1934
Delta R.T. 0.005 min
Lab File: VN073297.D
Acq: 01 Jul 2022 15:12

Tgt Ion: 119 Resp: 3404
Ion Ratio Lower Upper
119 100
91 73.6 31.6 94.8
134 23.7 13.7 41.1





#84

1,2,4-Trimethylbenzene

Concen: 2.654 ug/l

RT: 13.310 min Scan# 1941

Delta R.T. 0.006 min

Lab File: VN073297.D

Acq: 01 Jul 2022 15:12

Instrument :

MSVOA_N

ClientSampleId :

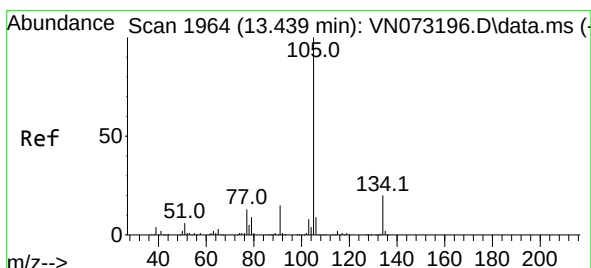
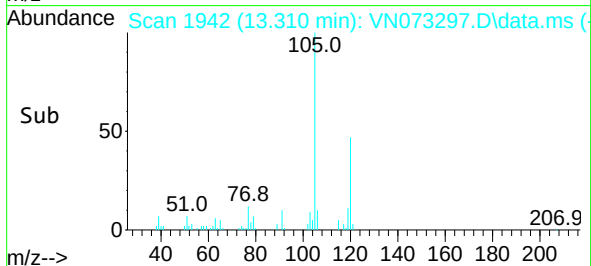
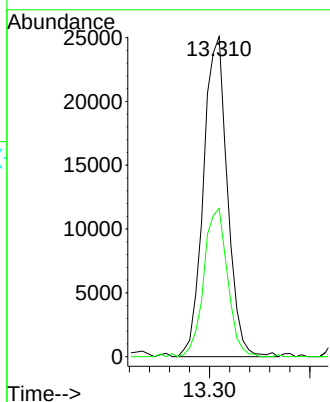
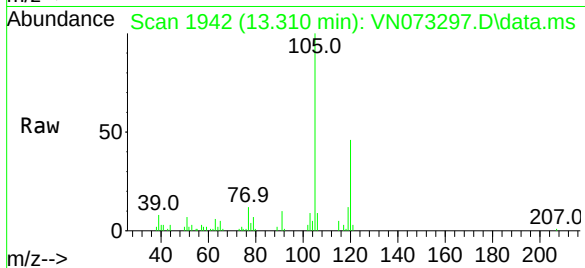
152140-SPC-05-20

Tgt Ion:105 Resp: 41630

Ion Ratio Lower Upper

105 100

120 46.0 23.3 69.8



#85

sec-Butylbenzene

Concen: 0.321 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VN073297.D

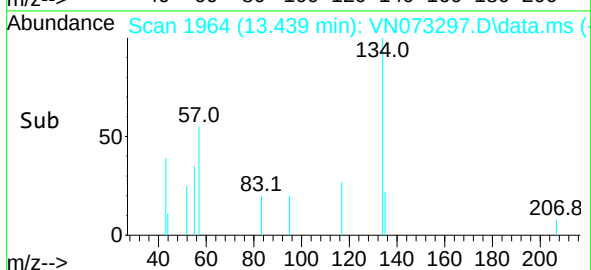
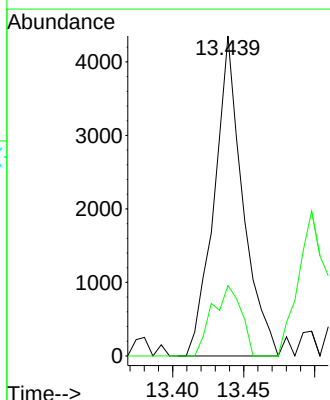
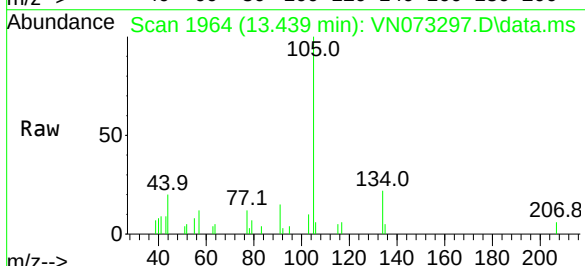
Acq: 01 Jul 2022 15:12

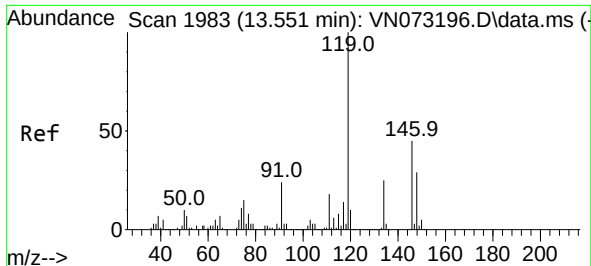
Tgt Ion:105 Resp: 6076

Ion Ratio Lower Upper

105 100

134 22.2 10.4 31.1

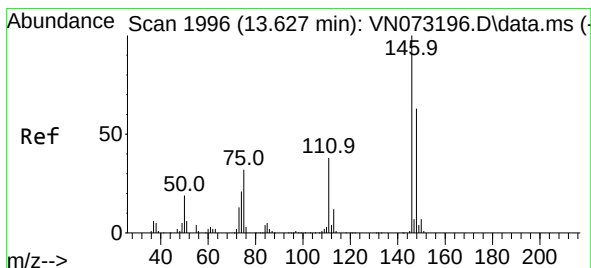
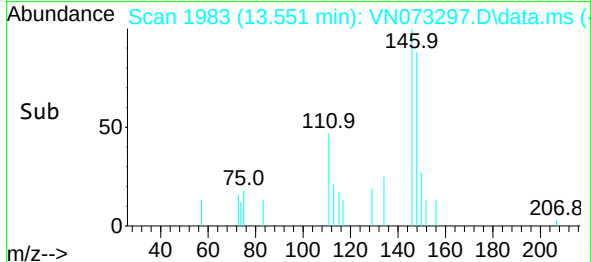
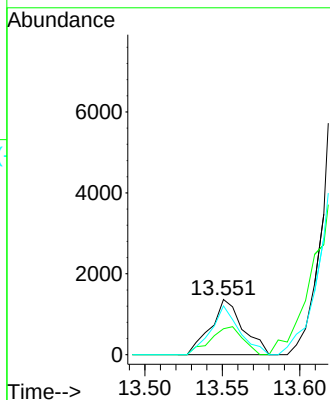
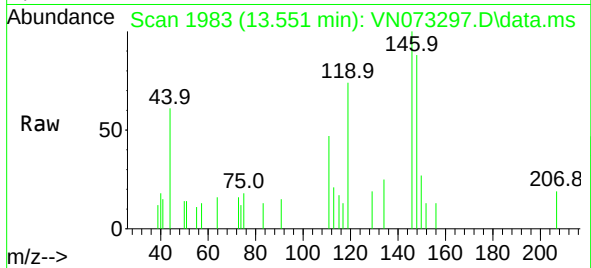




#87
1,3-Dichlorobenzene
Concen: 0.245 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN073297.D
Acq: 01 Jul 2022 15:12

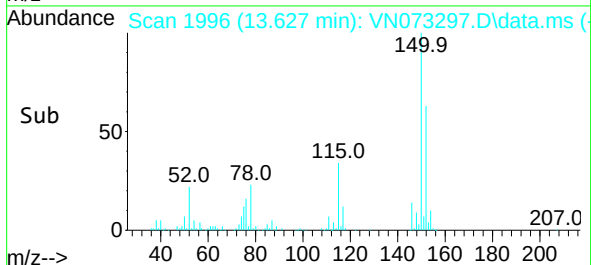
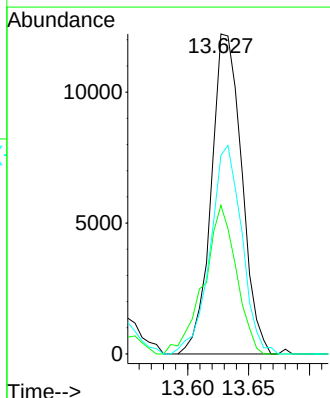
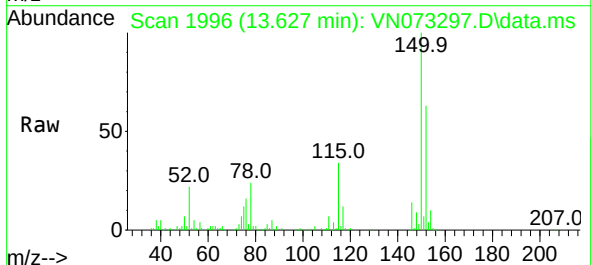
Instrument :
MSVOA_N
ClientSampleId :
152140-SPC-05-20

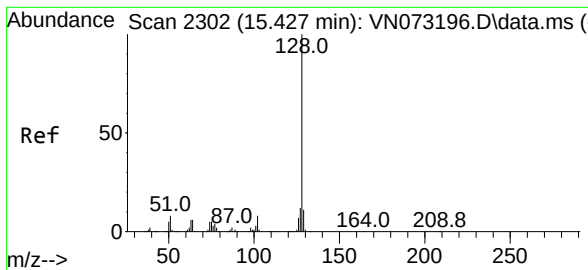
Tgt Ion:146 Resp: 1969
Ion Ratio Lower Upper
146 100
111 51.2 20.0 60.0
148 78.2 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 2.643 ug/l
RT: 13.627 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN073297.D
Acq: 01 Jul 2022 15:12

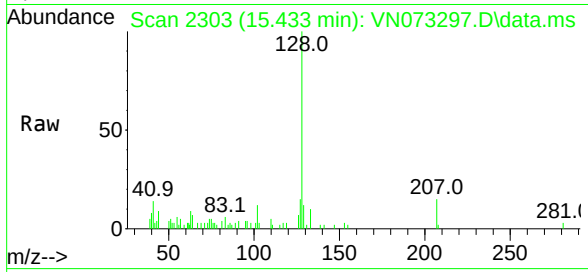
Tgt Ion:146 Resp: 21295
Ion Ratio Lower Upper
146 100
111 49.2 19.1 57.1
148 67.5 31.4 94.3





#95
Naphthalene
Concen: 0.989 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073297.D
Acq: 01 Jul 2022 15:12

Instrument :
MSVOA_N
ClientSampleId :
152140-SPC-05-20



Tgt Ion:	128	Resp:	17021
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	12.2	8.6	13.0

