

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041122\
 Data File : VN071931.D
 Acq On : 11 Apr 2022 13:16
 Operator : JC\MD
 Sample : N2306-01
 Misc : 1.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2404-2405

Quant Time: Apr 11 14:28:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.075	168	608101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.957	114	1030806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1031901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	517302	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	323756	46.636	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.280%
35) Dibromofluoromethane	8.010	113	280131	46.183	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.360%
50) Toluene-d8	10.433	98	1295639	52.215	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.440%
62) 4-Bromofluorobenzene	12.727	95	500400	62.355	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	124.700%

Target Compounds				Qvalue		
3) Chloromethane	2.293	50	2197	0.359	ug/l #	84
6) Chloroethane	3.016	64	2028	0.419	ug/l #	59
10) Methyl Iodide	4.381	142	2355	0.319	ug/l #	72
11) Tert butyl alcohol	5.457	59	236	0.209	ug/l #	72
13) Acrolein	4.046	56	603	0.439	ug/l #	33
16) Acetone	4.298	43	991	0.334	ug/l #	88
18) Methyl Acetate	4.851	43	5399	Below Cal	#	89
25) 2-Butanone	7.357	43	2395	0.560	ug/l #	80
29) Tetrahydrofuran	7.698	42	3611	1.304	ug/l #	92
31) Cyclohexane	8.063	56	22434	2.376	ug/l #	64
36) 1,1-Dichloropropene	8.075	75	40910	4.830	ug/l #	48
38) Carbon Tetrachloride	8.075	117	52906	6.373	ug/l #	16
39) Methylcyclohexane	9.451	83	21213	2.104	ug/l	100
43) Isopropyl Acetate	8.545	43	10642	0.690	ug/l #	53
49) 1,4-Dioxane	9.586	88	294	Below Cal	#	44
51) 4-Methyl-2-Pentanone	10.339	43	4396	0.496	ug/l	96
52) Toluene	10.504	92	1001471	59.208	ug/l	99
53) t-1,3-Dichloropropene	10.498	75	10772	1.150	ug/l #	1
55) 1,1,2-Trichloroethane	10.869	97	17136	2.462	ug/l #	21
58) 2-Chloroethyl Vinyl ether	10.033	63	61	16.985	ug/l #	44
59) 2-Hexanone	11.045	43	21018	3.367	ug/l #	24
67) Ethyl Benzene	11.839	91	263204	7.525	ug/l	97
68) m/p-Xylenes	11.945	106	425603	31.668	ug/l	98
69) o-Xylene	12.274	106	176533	13.234	ug/l	98
70) Styrene	12.280	104	11429	0.565	ug/l #	1
73) Isopropylbenzene	12.574	105	77131	1.769	ug/l	98
74) N-amyl acetate	12.363	43	103672	8.300	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.892	83	30536	2.099	ug/l #	25
76) 1,2,3-Trichloropropane	12.727	75	231592	19.326	ug/l #	1
78) n-propylbenzene	12.916	91	334948	7.305	ug/l	99
79) 2-Chlorotoluene	12.980	91	147546	5.017	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.051	105	420772	12.183	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.727	75	231592	59.889	ug/l #	10
82) 4-Chlorotoluene	13.051	91	46000	1.688	ug/l #	53
83) tert-Butylbenzene	13.363	119	205634	6.513	ug/l #	72
84) 1,2,4-Trimethylbenzene	13.363	105	1614039	47.896	ug/l	99

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

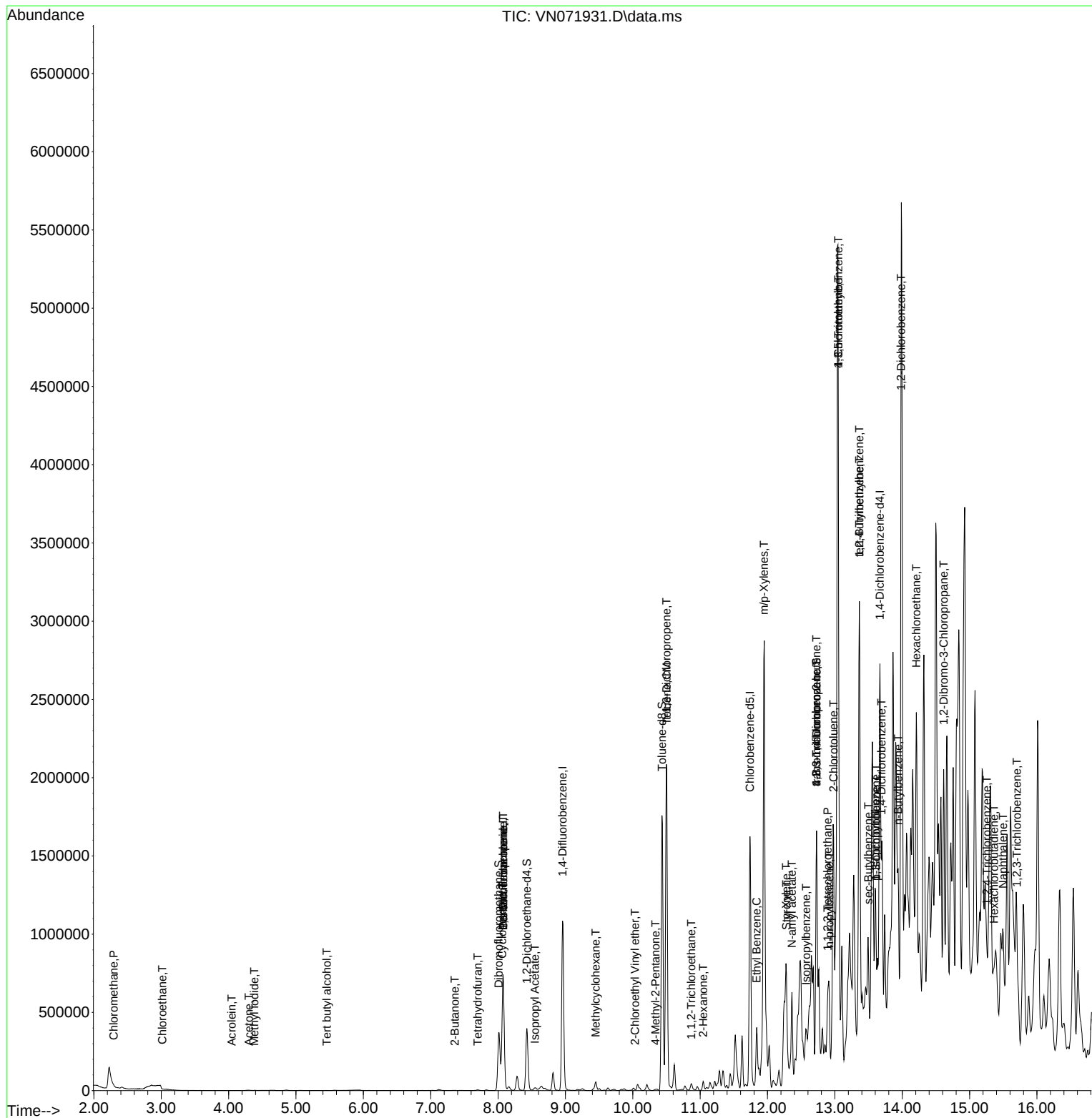
85) sec-Butylbenzene	13.498	105	238972	5.839	ug/l	86
86) p-Isopropyltoluene	13.610	119	159937	4.901	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	3701	0.213	ug/l #	1
88) 1,4-Dichlorobenzene	13.692	146	4513	0.266	ug/l #	1
89) n-Butylbenzene	13.939	91	580218	23.973	ug/l #	70
90) Hexachloroethane	14.210	117	78602	13.158	ug/l #	9
91) 1,2-Dichlorobenzene	13.980	146	3982	0.233	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.615	75	3649	1.617	ug/l #	21
93) 1,2,4-Trichlorobenzene	15.257	180	9124	3.148	ug/l #	1
94) Hexachlorobutadiene	15.362	225	1382	0.274	ug/l	92
95) Naphthalene	15.498	128	237302	13.110	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.704	180	22804	5.135	ug/l #	1

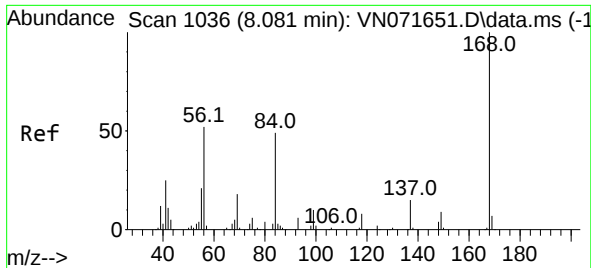
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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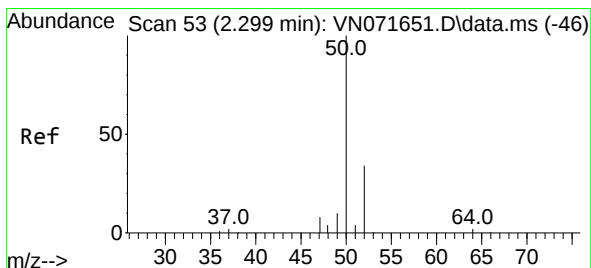
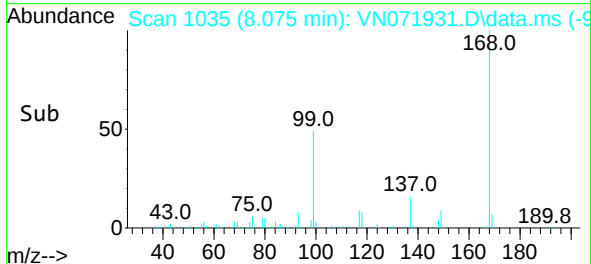
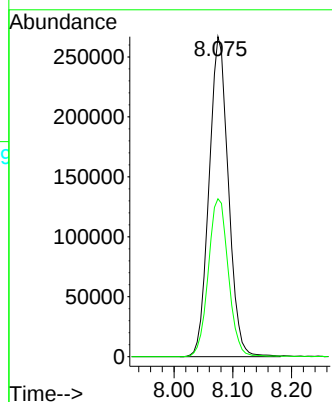
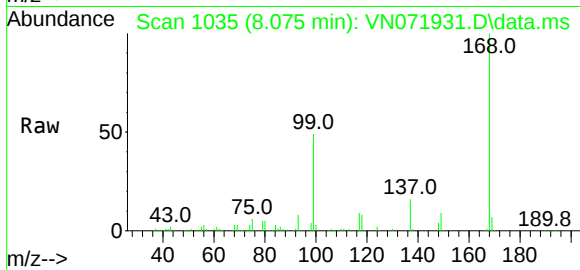




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.075 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

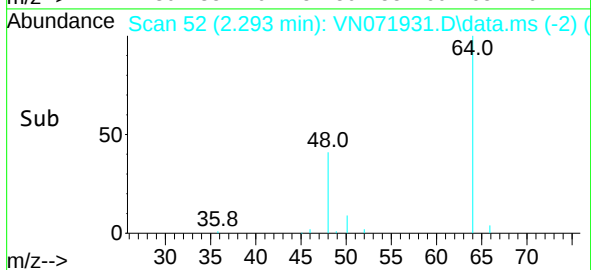
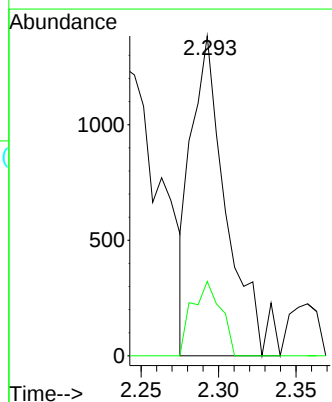
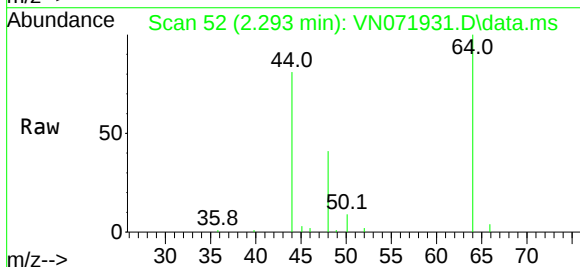
Instrument :
MSVOA_N
ClientSampleId :
2404-2405

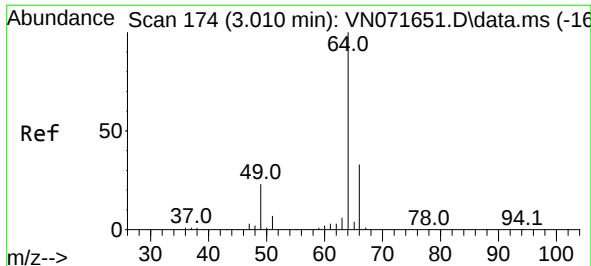
Tgt Ion:168 Resp: 608101
Ion Ratio Lower Upper
168 100
99 49.4 42.3 63.5



#3
Chloromethane
Concen: 0.359 ug/l
RT: 2.293 min Scan# 52
Delta R.T. -0.006 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

Tgt Ion: 50 Resp: 2197
Ion Ratio Lower Upper
50 100
52 23.3 25.7 38.5#

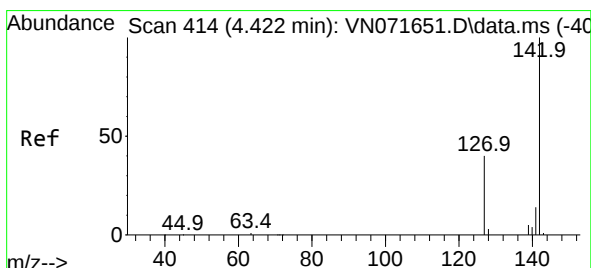
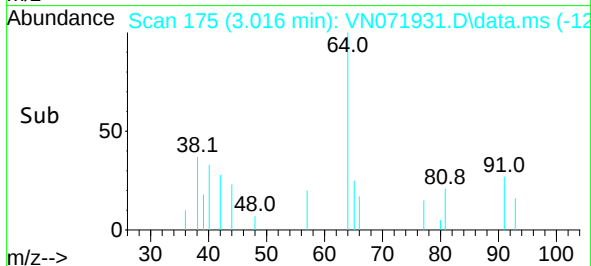
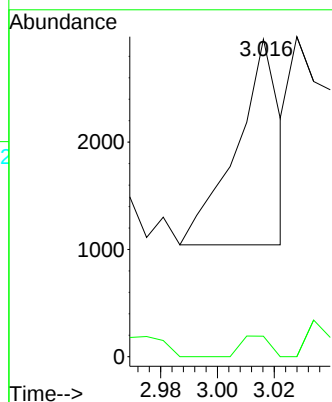
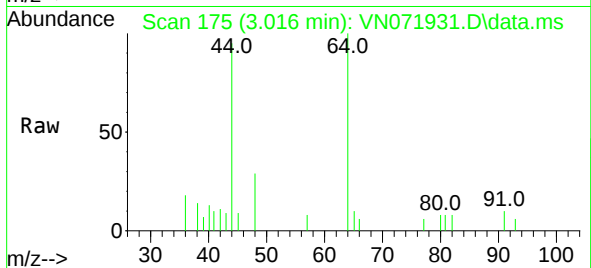




#6
Chloroethane
Concen: 0.419 ug/l
RT: 3.016 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

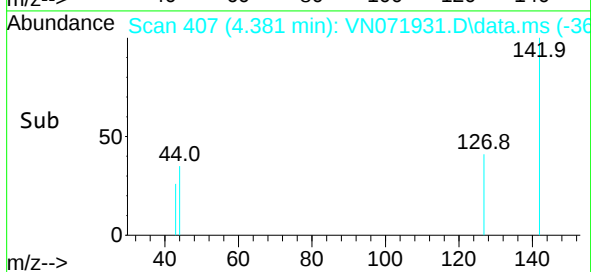
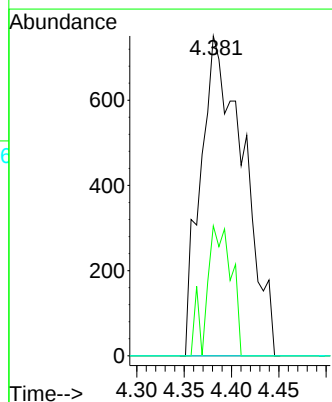
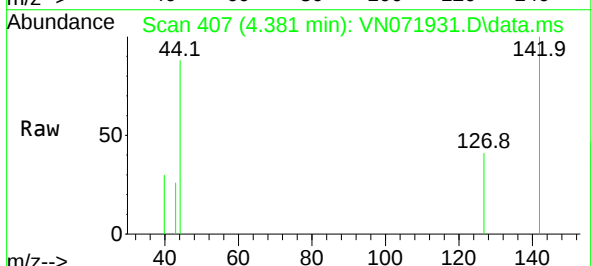
Instrument :
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ClientSampleId :
2404-2405

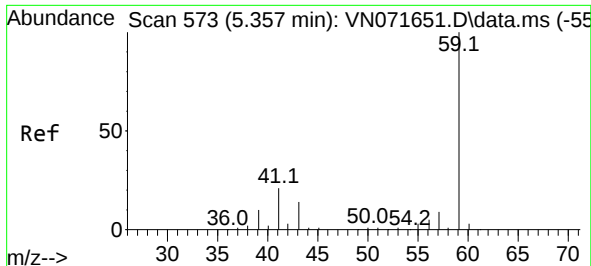
Tgt Ion: 64 Resp: 2028
Ion Ratio Lower Upper
64 100
66 9.9 26.2 39.4#



#10
Methyl Iodide
Concen: 0.319 ug/l
RT: 4.381 min Scan# 407
Delta R.T. -0.041 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

Tgt Ion: 142 Resp: 2355
Ion Ratio Lower Upper
142 100
127 23.8 31.3 46.9#
141 0.0 11.2 16.8#

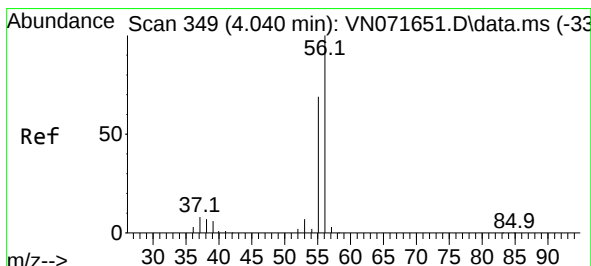
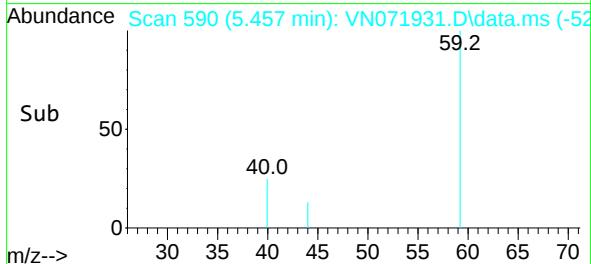
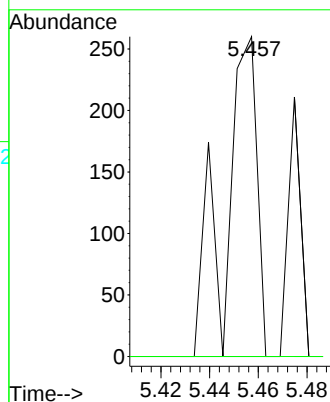
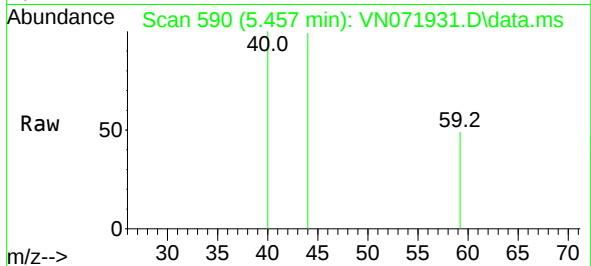




#11
Tert butyl alcohol
Concen: 0.209 ug/l
RT: 5.457 min Scan# 51
Delta R.T. 0.100 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

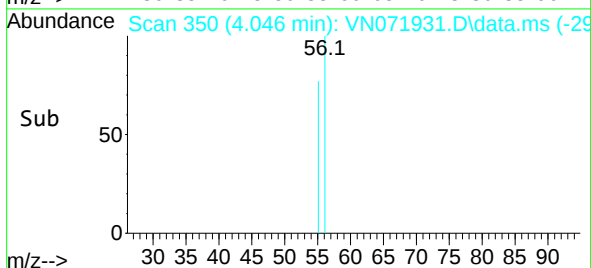
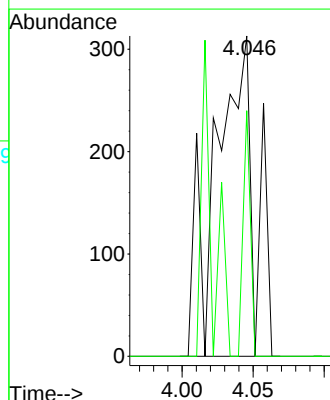
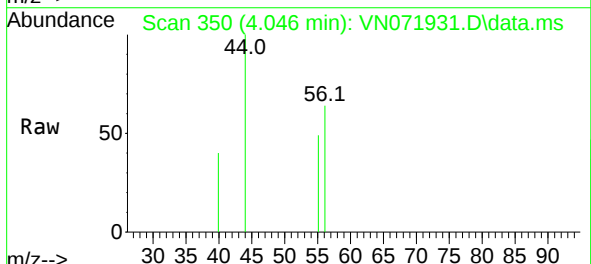
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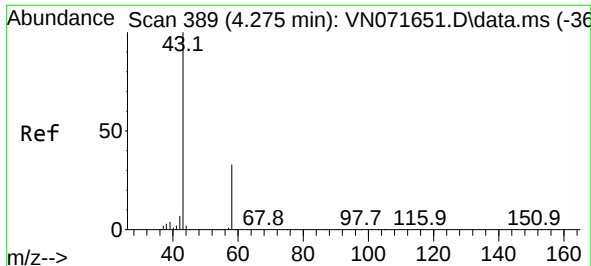
Tgt Ion: 59 Resp: 236
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 0.439 ug/l
RT: 4.046 min Scan# 350
Delta R.T. 0.006 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

Tgt Ion: 56 Resp: 603
Ion Ratio Lower Upper
56 100
55 14.1 54.8 82.2#

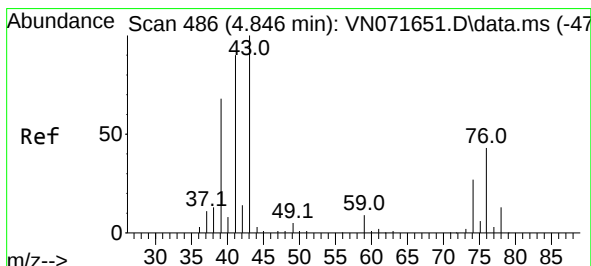
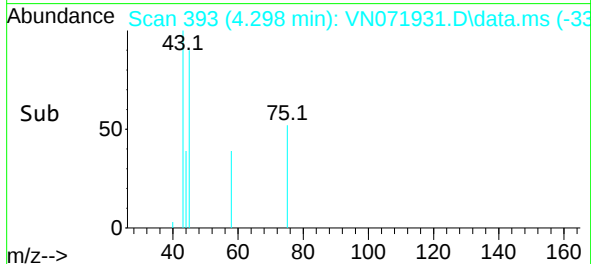
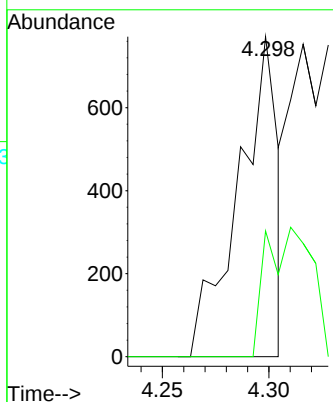
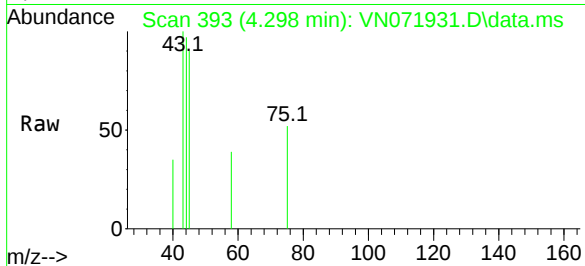




#16
Acetone
Concen: 0.334 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.023 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

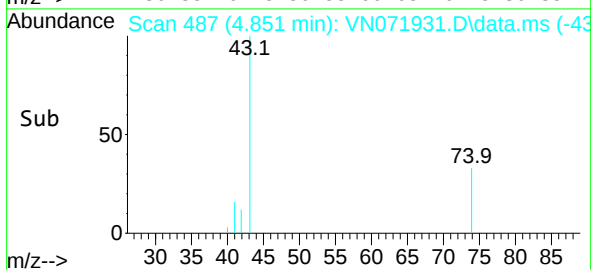
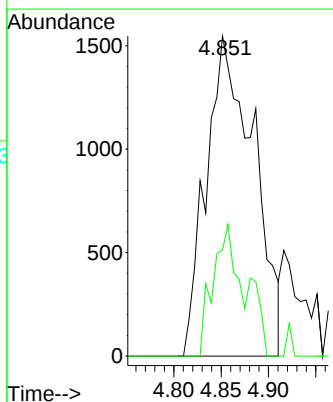
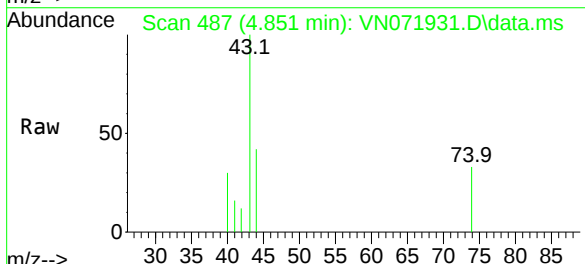
Instrument :
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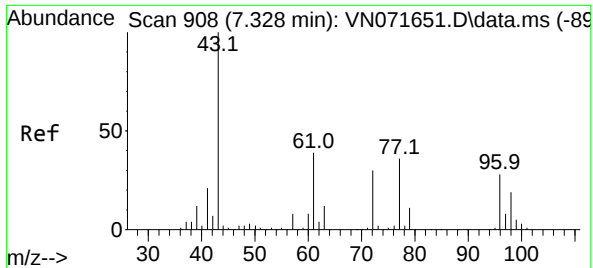
Tgt Ion: 43 Resp: 991
Ion Ratio Lower Upper
43 100
58 39.3 26.0 39.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.851 min Scan# 487
Delta R.T. 0.005 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

Tgt Ion: 43 Resp: 5399
Ion Ratio Lower Upper
43 100
74 21.3 21.6 32.4#

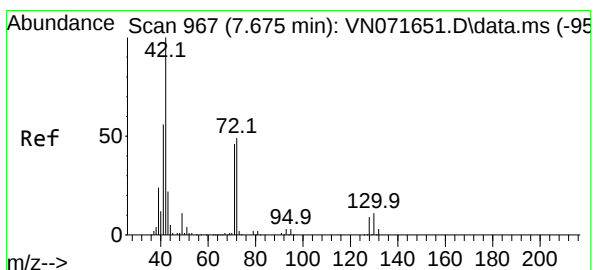
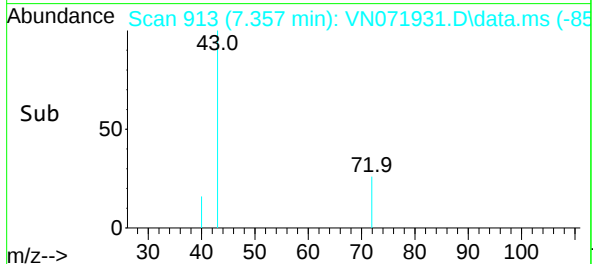
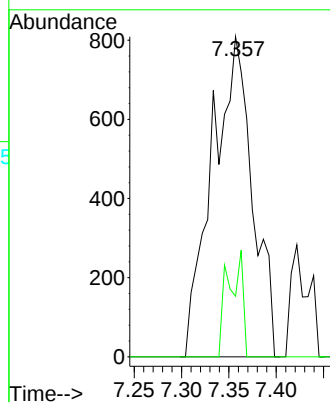
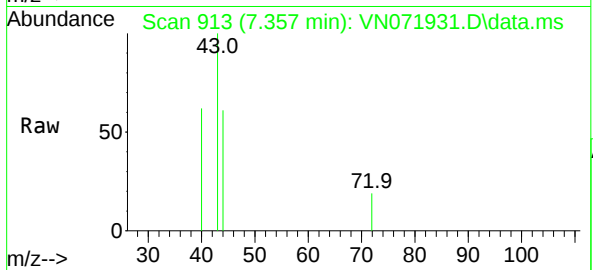




#25
2-Butanone
Concen: 0.560 ug/l
RT: 7.357 min Scan# 911
Delta R.T. 0.029 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

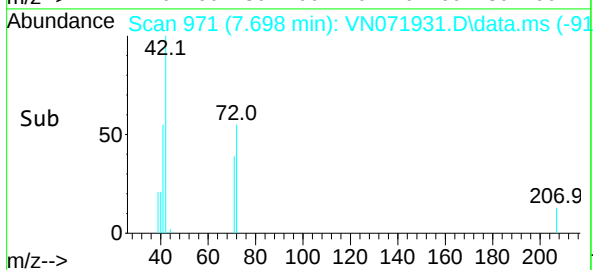
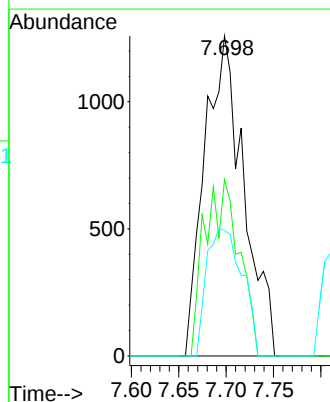
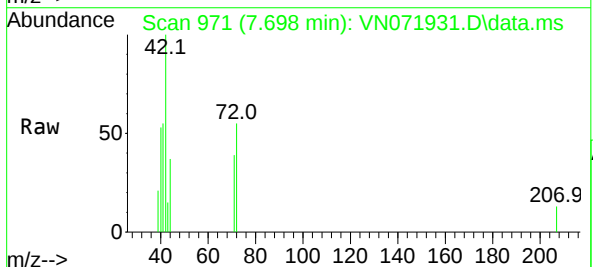
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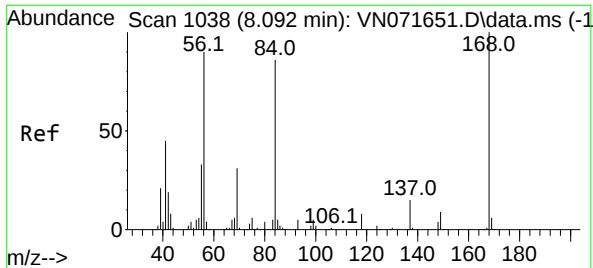
Tgt Ion: 43 Resp: 2395
Ion Ratio Lower Upper
43 100
72 18.9 23.7 35.5#



#29
Tetrahydrofuran
Concen: 1.304 ug/l
RT: 7.698 min Scan# 971
Delta R.T. 0.023 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

Tgt Ion: 42 Resp: 3611
Ion Ratio Lower Upper
42 100
72 48.5 39.7 59.5
71 36.2 36.6 55.0#

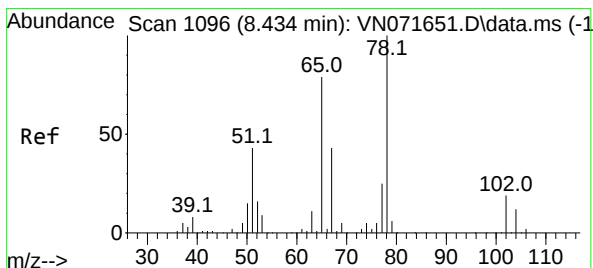
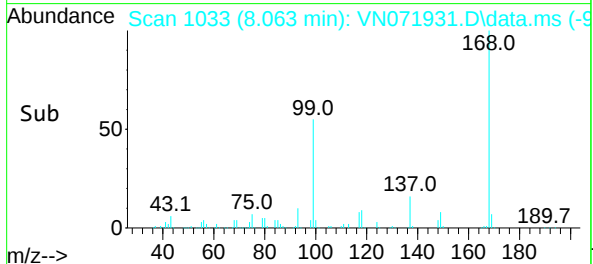
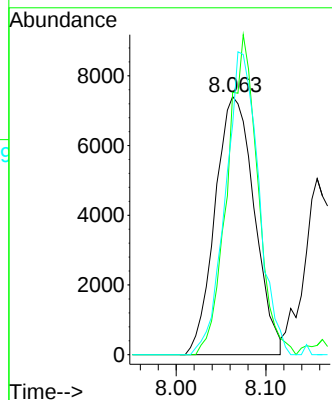
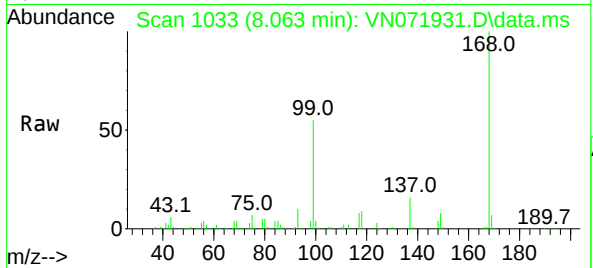




#31
Cyclohexane
Concen: 2.376 ug/l
RT: 8.063 min Scan# 1033
Delta R.T. -0.029 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

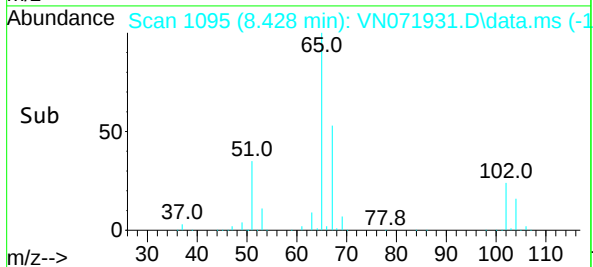
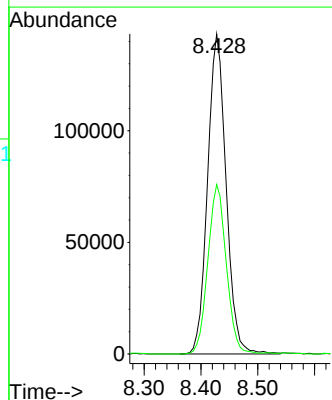
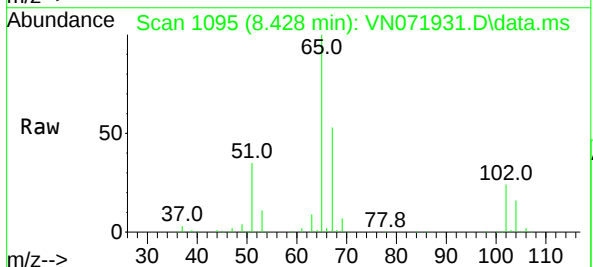
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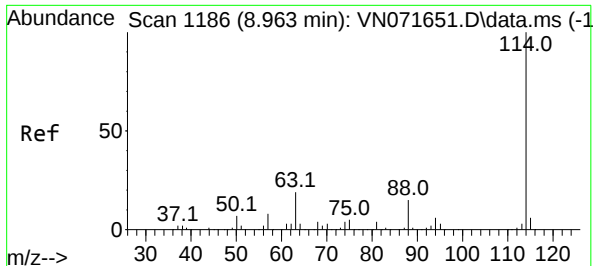
Tgt Ion: 56 Resp: 22434
Ion Ratio Lower Upper
56 100
69 101.6 27.8 41.8#
84 89.3 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 46.636 ug/l
RT: 8.428 min Scan# 1095
Delta R.T. -0.006 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

Tgt Ion: 65 Resp: 323756
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.957 min Scan# 1185

Delta R.T. -0.006 min

Lab File: VN071931.D

Acq: 11 Apr 2022 13:16

Instrument :

MSVOA_N

ClientSampleId :

2404-2405

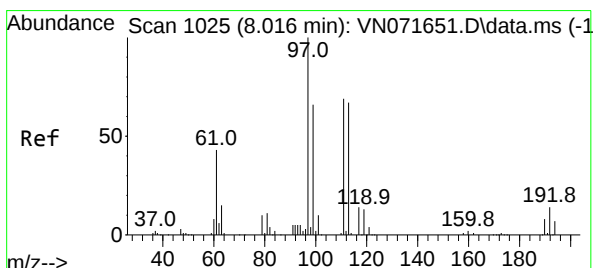
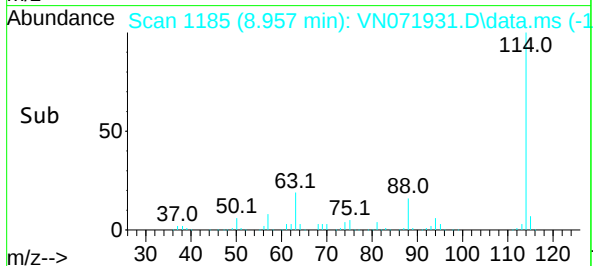
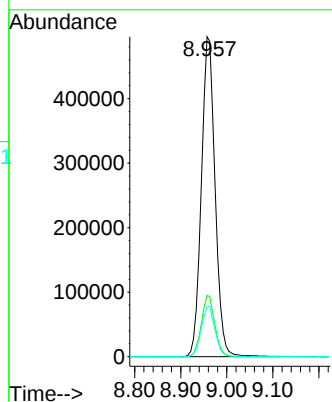
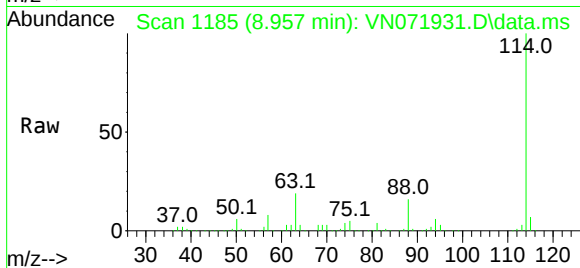
Tgt Ion:114 Resp: 1030806

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.183 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. -0.006 min

Lab File: VN071931.D

Acq: 11 Apr 2022 13:16

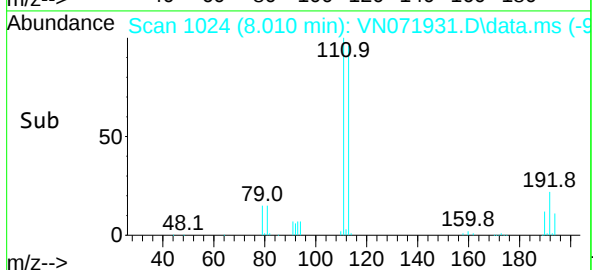
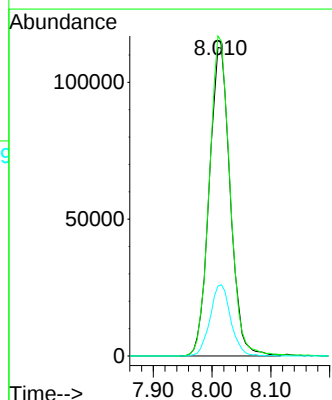
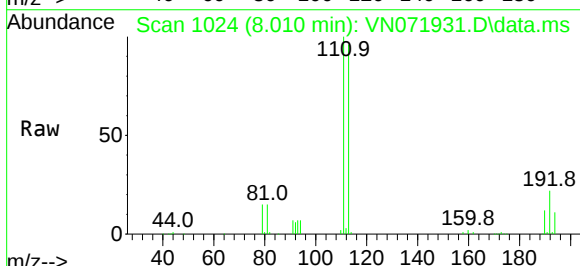
Tgt Ion:113 Resp: 280131

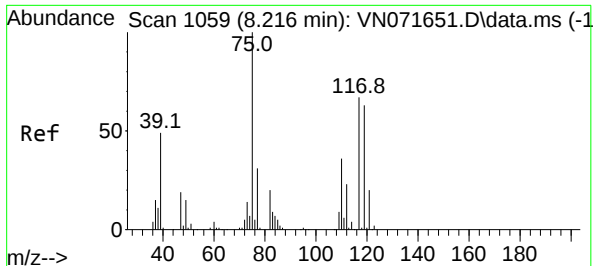
Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 22.6 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.830 ug/l

RT: 8.075 min Scan# 1035

Delta R.T. -0.141 min

Lab File: VN071931.D

Acq: 11 Apr 2022 13:16

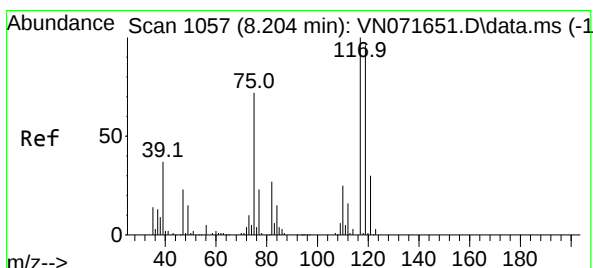
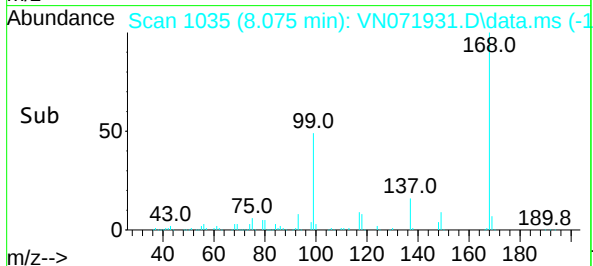
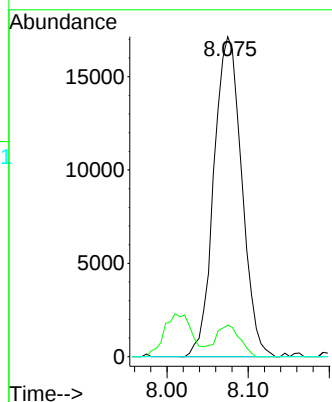
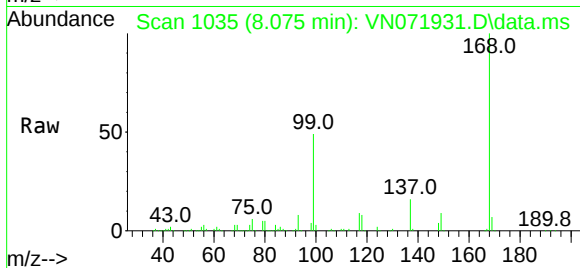
Instrument :

MSVOA_N

ClientSampleId :

2404-2405

Tgt Ion: 75	Resp: 40910
Ion Ratio	Lower Upper
75	100
110	8.7 18.3 54.8#
77	0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.373 ug/l

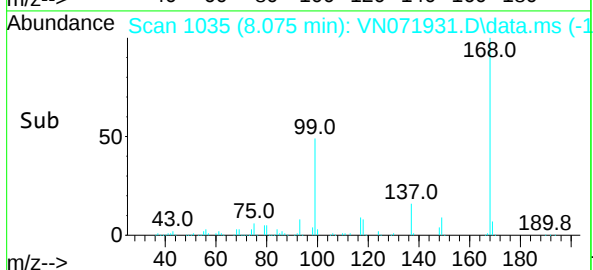
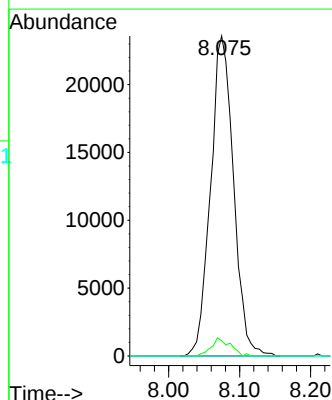
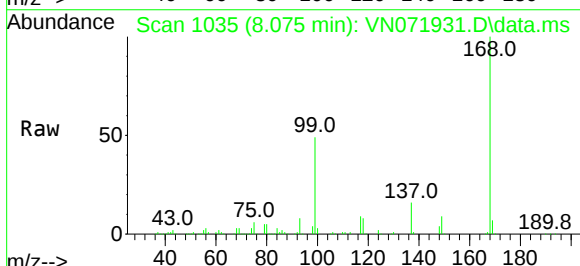
RT: 8.075 min Scan# 1035

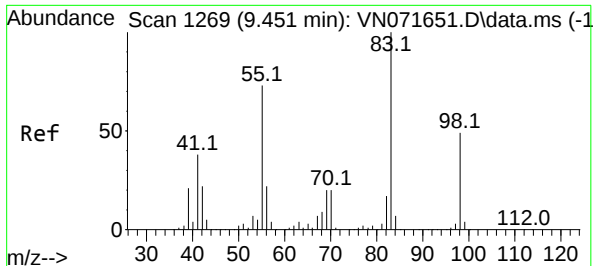
Delta R.T. -0.129 min

Lab File: VN071931.D

Acq: 11 Apr 2022 13:16

Tgt Ion: 117	Resp: 52906
Ion Ratio	Lower Upper
117	100
119	4.7 75.8 113.8#
121	0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 2.104 ug/l

RT: 9.451 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN071931.D

Acq: 11 Apr 2022 13:16

Instrument :

MSVOA_N

ClientSampleId :

2404-2405

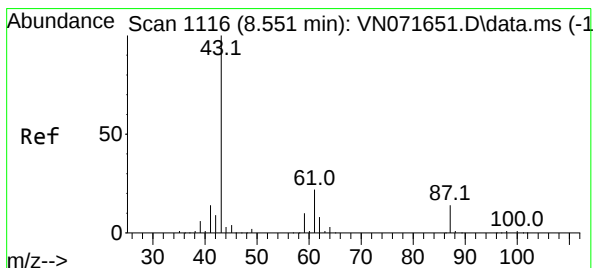
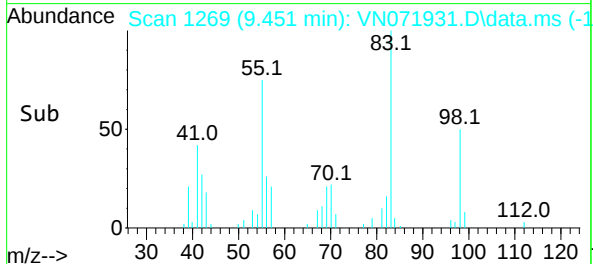
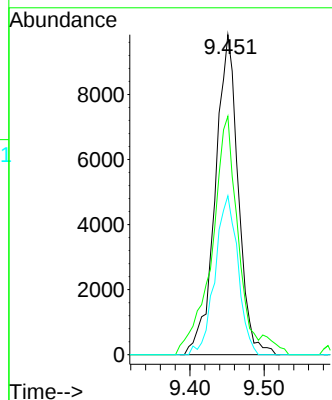
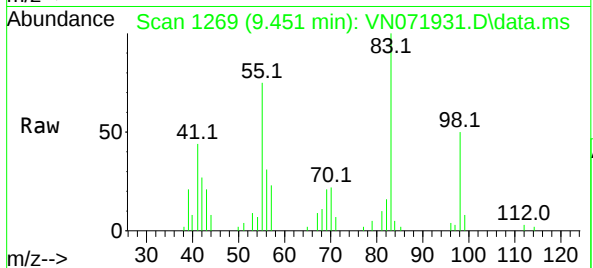
Tgt Ion: 83 Resp: 21213

Ion Ratio Lower Upper

83 100

55 72.3 57.8 86.8

98 49.7 39.4 59.2



#43

Isopropyl Acetate

Concen: 0.690 ug/l

RT: 8.545 min Scan# 1115

Delta R.T. -0.006 min

Lab File: VN071931.D

Acq: 11 Apr 2022 13:16

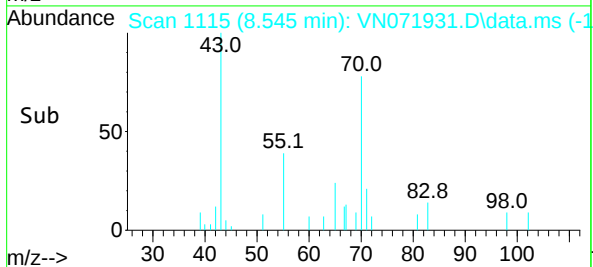
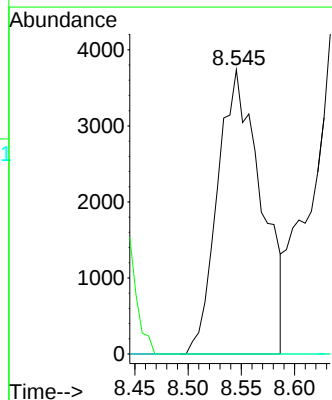
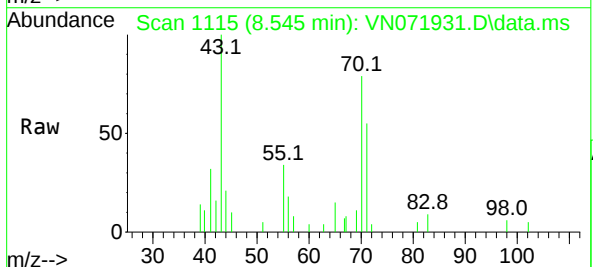
Tgt Ion: 43 Resp: 10642

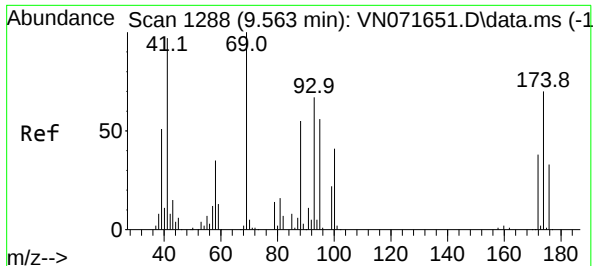
Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#





#49

1,4-Dioxane

Concen: Below Cal

RT: 9.586 min Scan# 11

Delta R.T. 0.023 min

Lab File: VN071931.D

Acq: 11 Apr 2022 13:16

Instrument :

MSVOA_N

ClientSampleId :

2404-2405

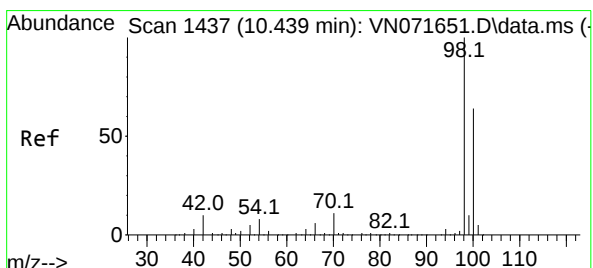
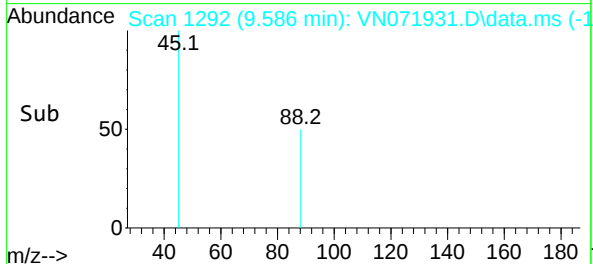
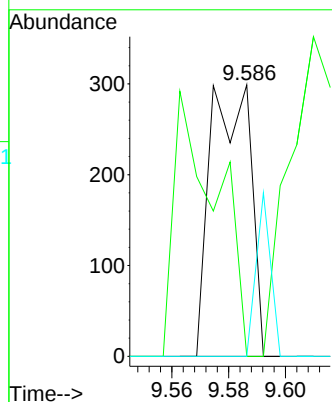
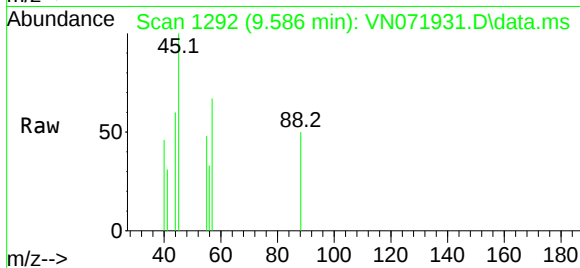
Tgt Ion: 88 Resp: 294

Ion Ratio Lower Upper

88 100

43 0.0 20.2 30.4#

58 21.4 54.2 81.4#



#50

Toluene-d8

Concen: 52.215 ug/l

RT: 10.433 min Scan# 1436

Delta R.T. -0.006 min

Lab File: VN071931.D

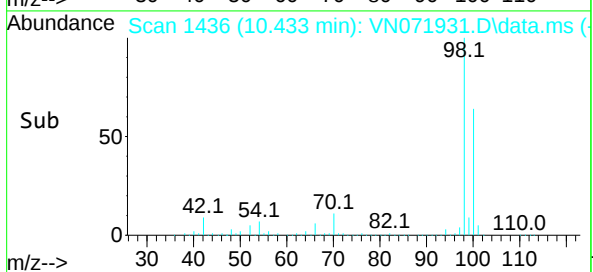
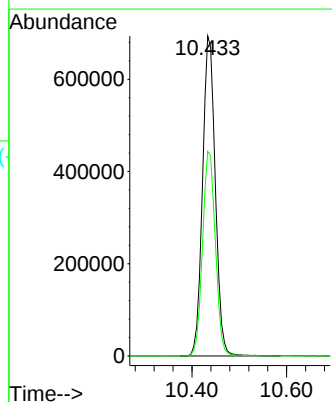
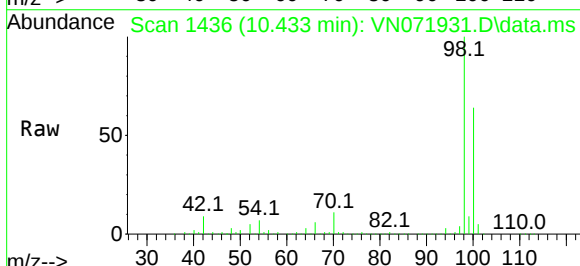
Acq: 11 Apr 2022 13:16

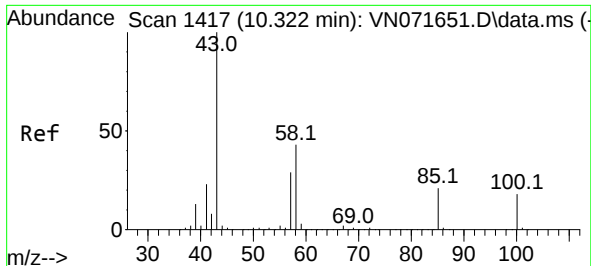
Tgt Ion: 98 Resp: 1295639

Ion Ratio Lower Upper

98 100

100 64.5 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.496 ug/l

RT: 10.339 min Scan# 1417

Delta R.T. 0.017 min

Lab File: VN071931.D

Acq: 11 Apr 2022 13:16

Instrument :

MSVOA_N

ClientSampleId :

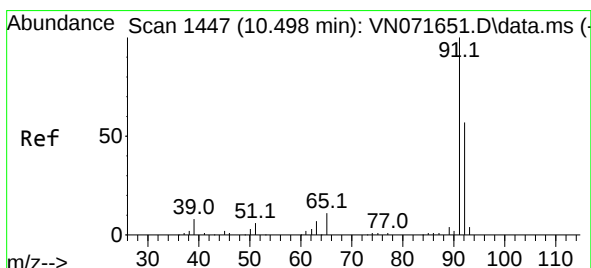
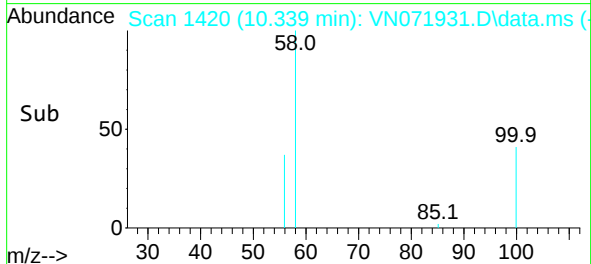
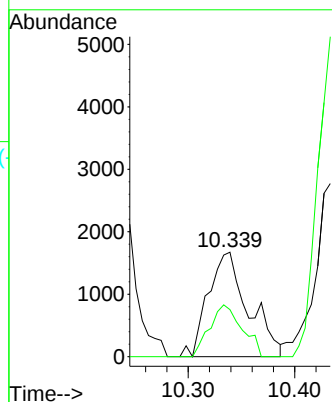
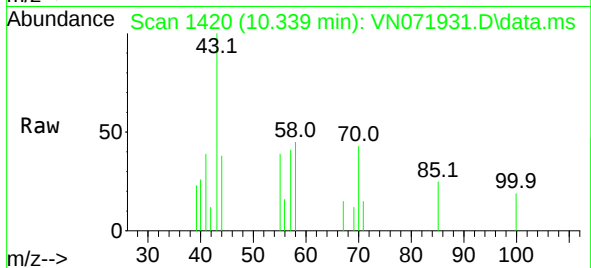
2404-2405

Tgt Ion: 43 Resp: 4396

Ion Ratio Lower Upper

43 100

58 40.0 34.1 51.1



#52

Toluene

Concen: 59.208 ug/l

RT: 10.504 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN071931.D

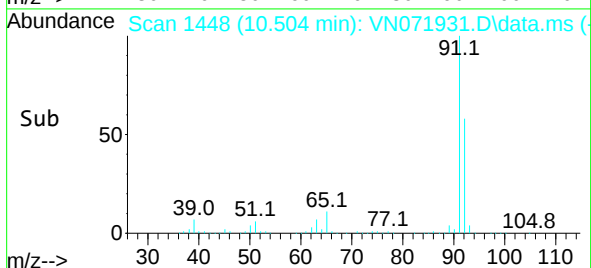
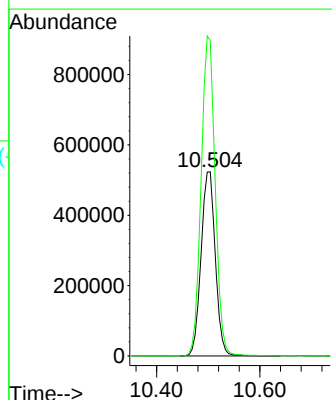
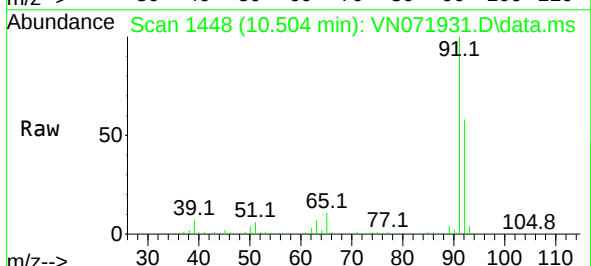
Acq: 11 Apr 2022 13:16

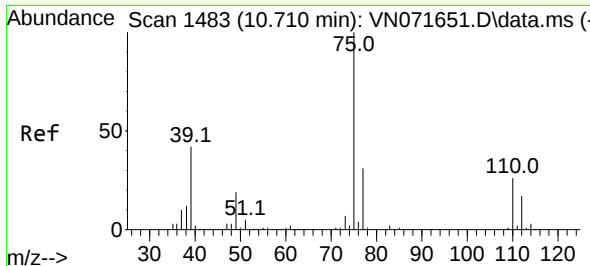
Tgt Ion: 92 Resp: 1001471

Ion Ratio Lower Upper

92 100

91 171.4 138.6 207.8

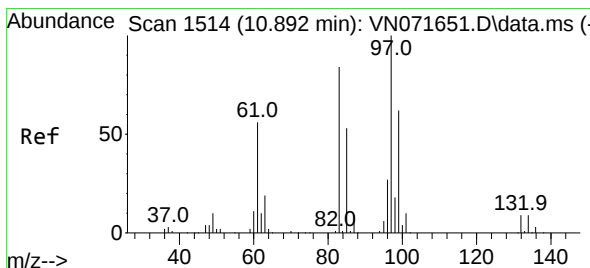
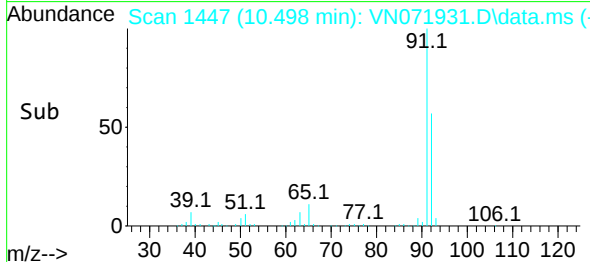
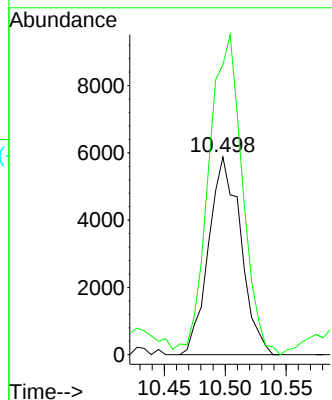
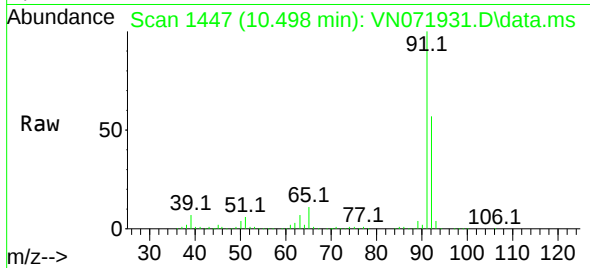




#53
t-1,3-Dichloropropene
Concen: 1.150 ug/l
RT: 10.498 min Scan# 14
Delta R.T. -0.212 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

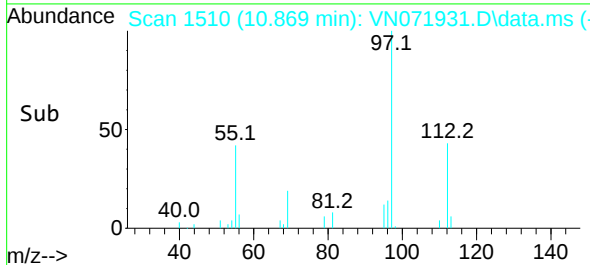
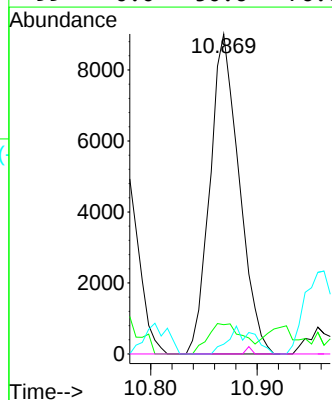
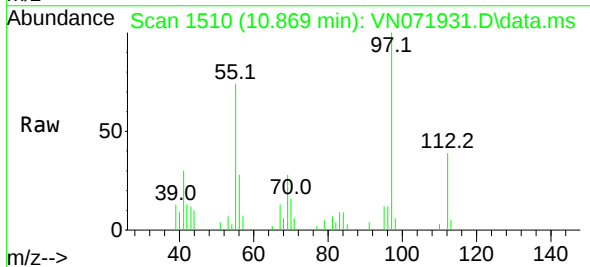
Instrument :
MSVOA_N
ClientSampleId :
2404-2405

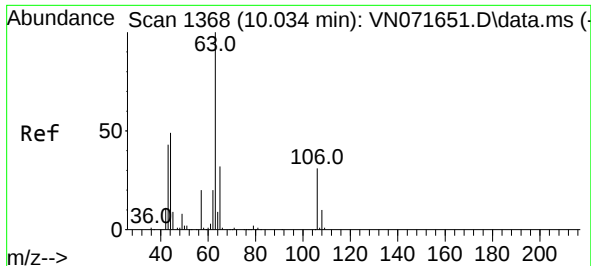
Tgt Ion: 75 Resp: 10772
Ion Ratio Lower Upper
75 100
77 146.7 25.6 38.4#



#55
1,1,2-Trichloroethane
Concen: 2.462 ug/l
RT: 10.869 min Scan# 1510
Delta R.T. -0.023 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

Tgt Ion: 97 Resp: 17136
Ion Ratio Lower Upper
97 100
83 9.2 66.2 99.4#
85 3.1 43.9 65.9#
99 0.0 50.6 76.0#

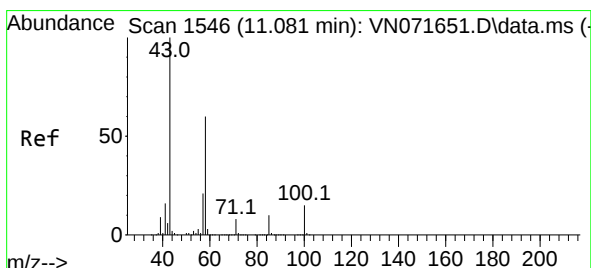
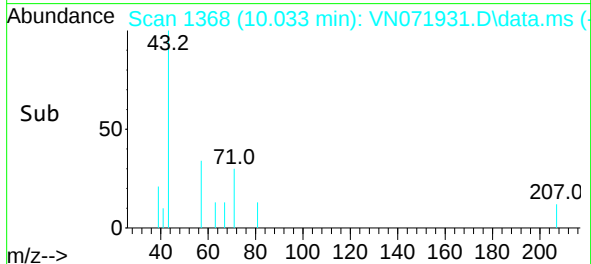
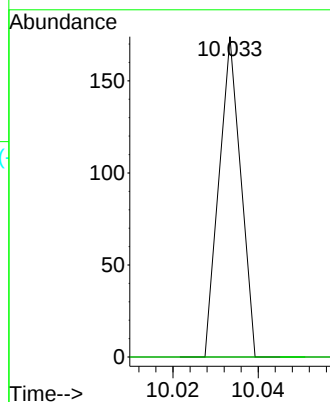
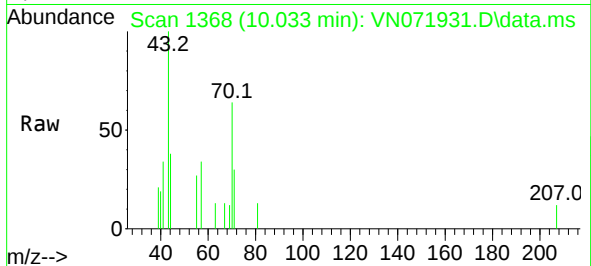




#58
2-Chloroethyl Vinyl ether
Concen: 16.985 ug/l
RT: 10.033 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

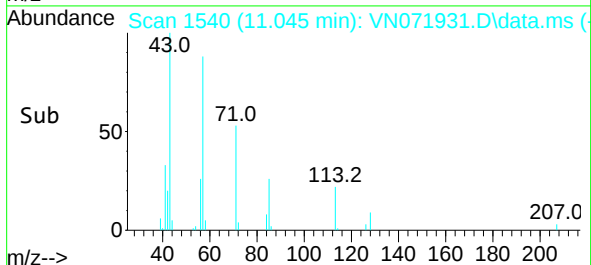
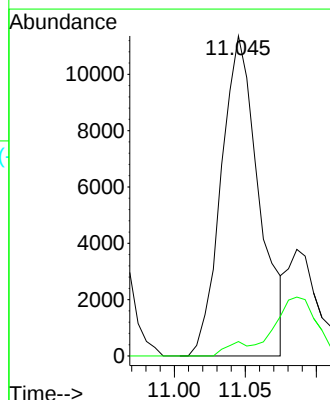
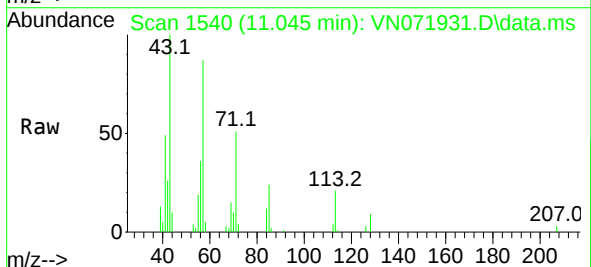
Instrument :
MSVOA_N
ClientSampleId :
2404-2405

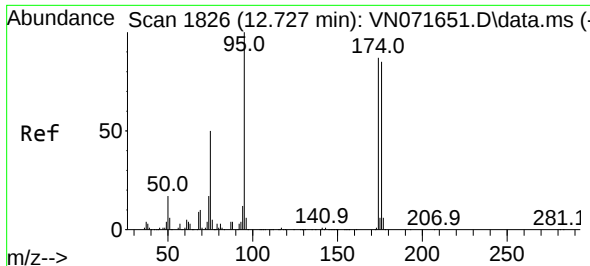
Tgt Ion: 63 Resp: 61
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#59
2-Hexanone
Concen: 3.367 ug/l
RT: 11.045 min Scan# 1540
Delta R.T. -0.036 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

Tgt Ion: 43 Resp: 21018
Ion Ratio Lower Upper
43 100
58 2.5 29.7 89.1#

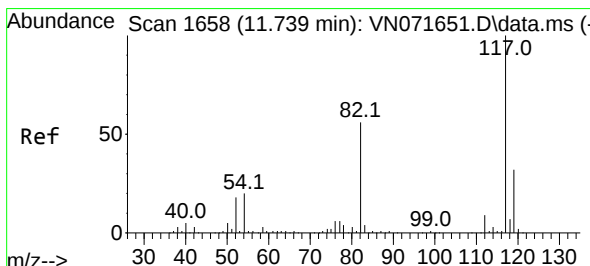
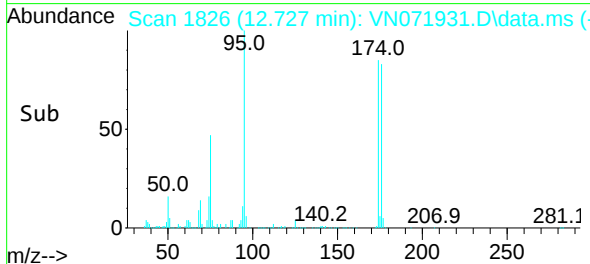
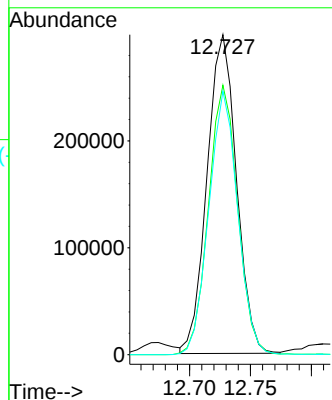
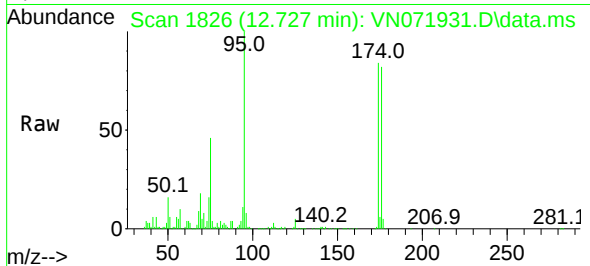




#62
4-Bromofluorobenzene
Concen: 62.355 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

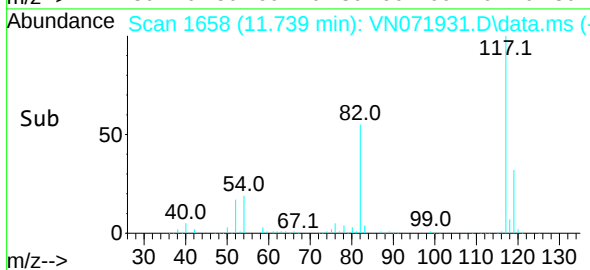
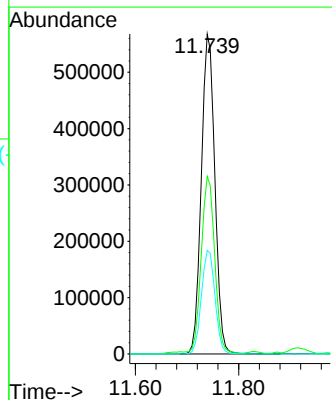
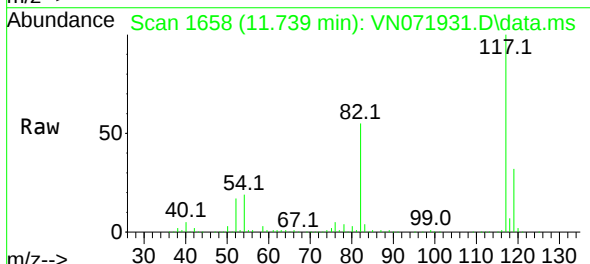
Instrument :
MSVOA_N
ClientSampleId :
2404-2405

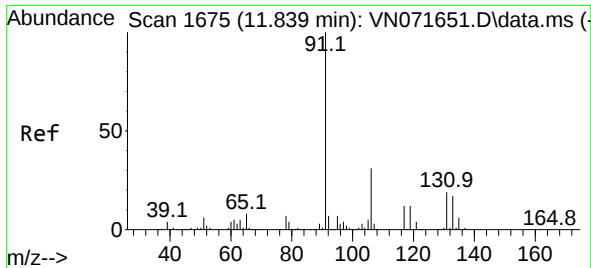
Tgt Ion: 95 Resp: 500400
Ion Ratio Lower Upper
95 100
174 84.0 0.0 167.6
176 81.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

Tgt Ion: 117 Resp: 1031901
Ion Ratio Lower Upper
117 100
82 55.1 44.2 66.2
119 32.4 25.4 38.0

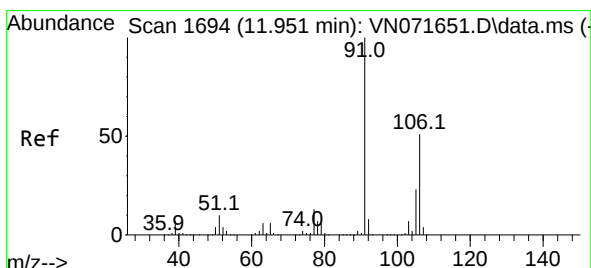
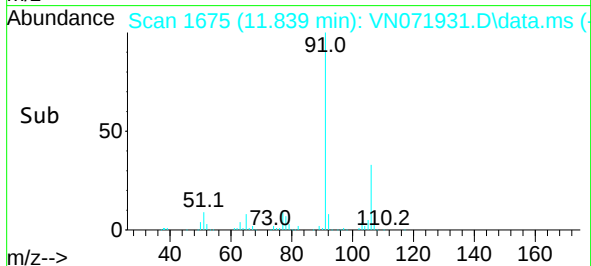
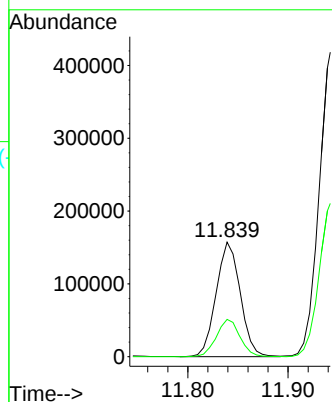
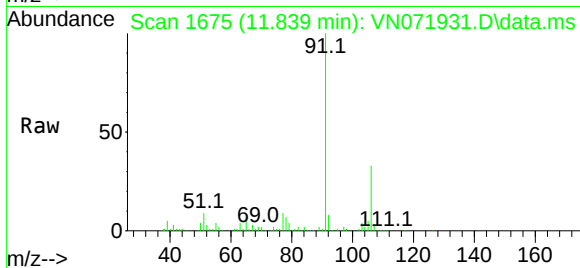




#67
Ethyl Benzene
Concen: 7.525 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

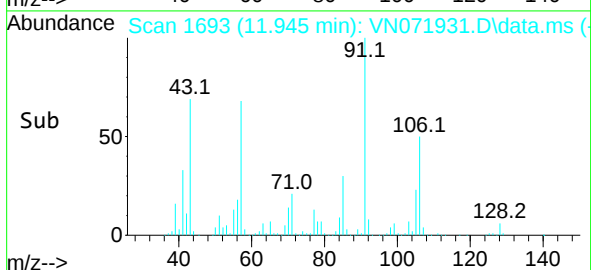
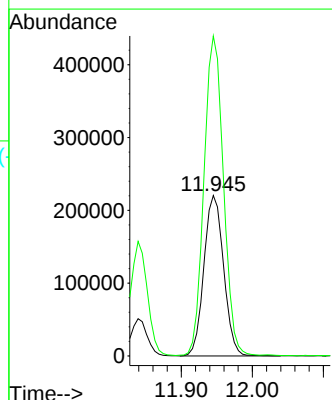
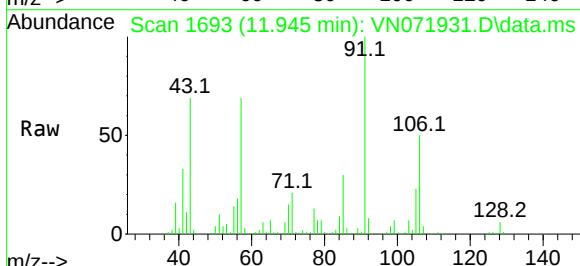
Instrument :
MSVOA_N
ClientSampleId :
2404-2405

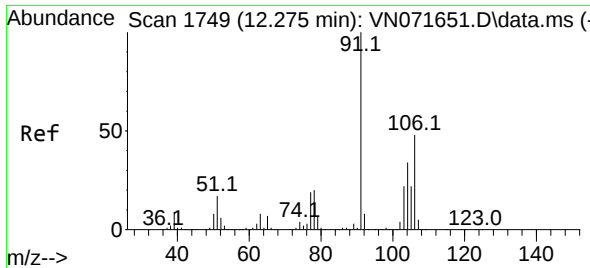
Tgt Ion: 91 Resp: 263204
Ion Ratio Lower Upper
91 100
106 32.5 24.9 37.3



#68
m/p-Xylenes
Concen: 31.668 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

Tgt Ion: 106 Resp: 425603
Ion Ratio Lower Upper
106 100
91 196.2 158.9 238.3

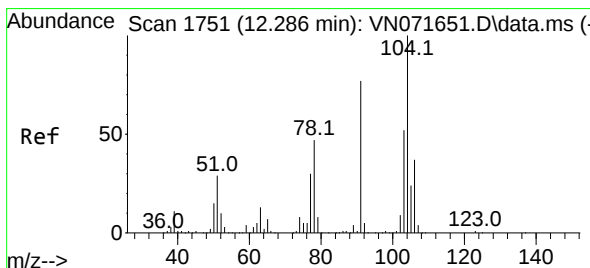
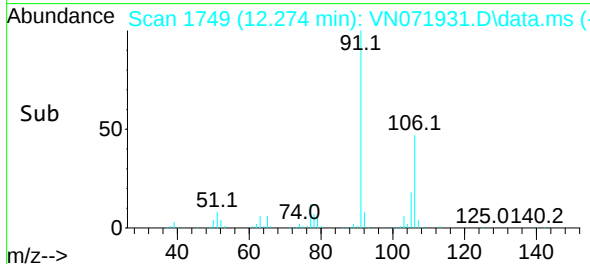
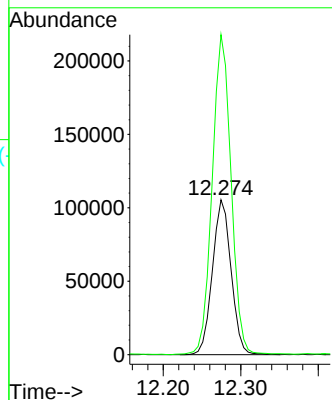
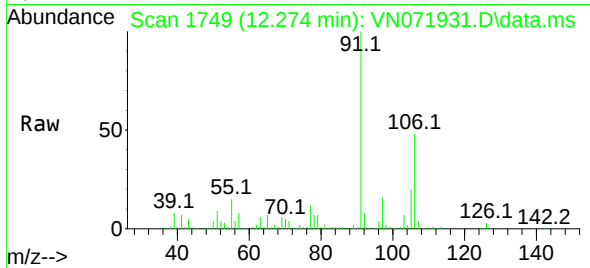




#69
o-Xylene
Concen: 13.234 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

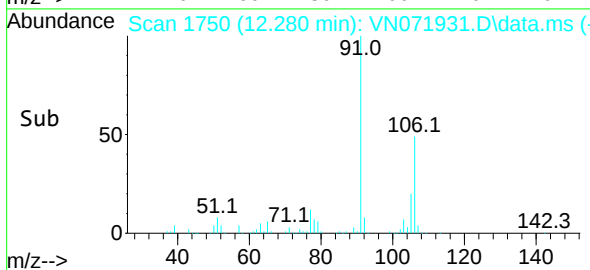
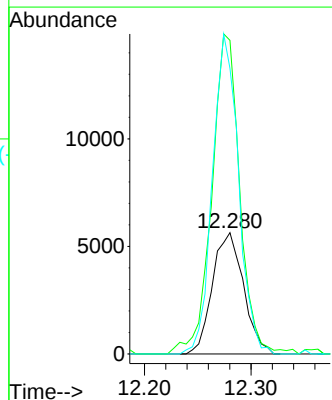
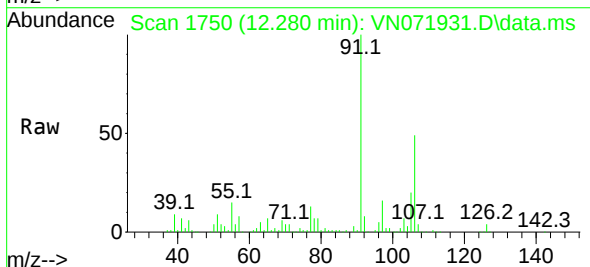
Instrument :
MSVOA_N
ClientSampleId :
2404-2405

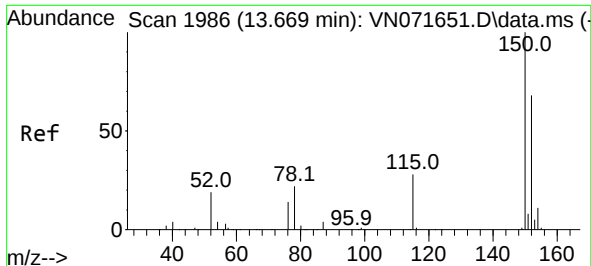
Tgt Ion:106 Resp: 176533
Ion Ratio Lower Upper
106 100
91 209.6 106.0 318.0



#70
Styrene
Concen: 0.565 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

Tgt Ion:104 Resp: 11429
Ion Ratio Lower Upper
104 100
78 237.3 39.5 59.3#
103 220.7 44.0 66.0#

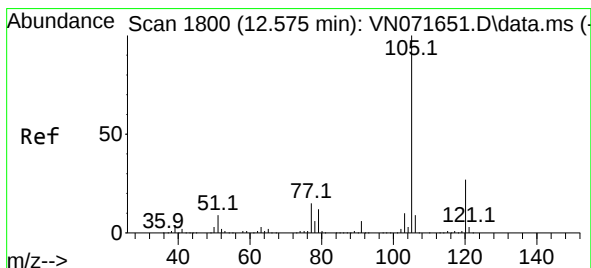
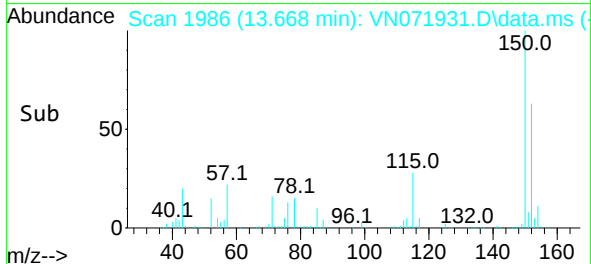
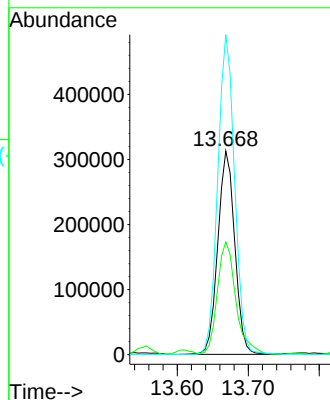
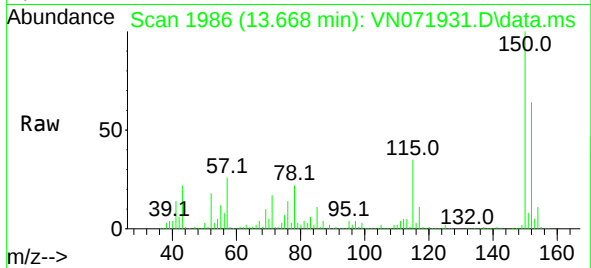




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

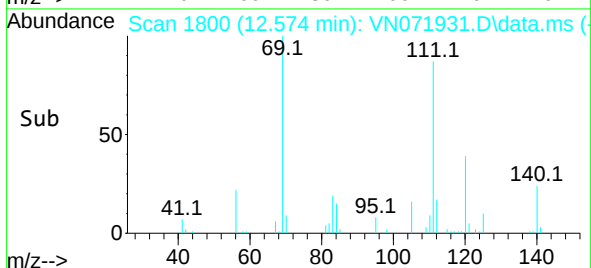
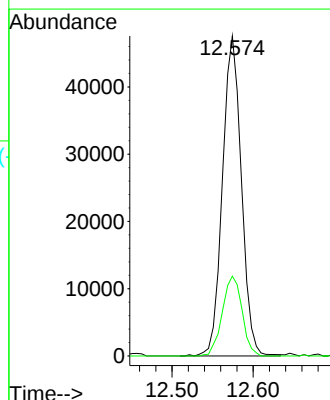
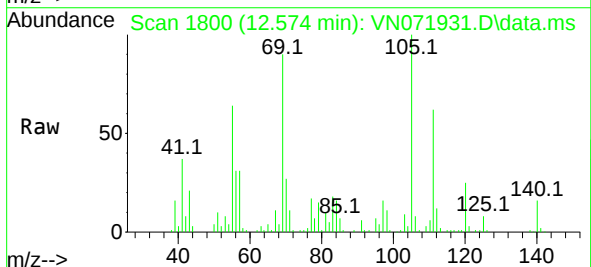
Instrument :
MSVOA_N
ClientSampleId :
2404-2405

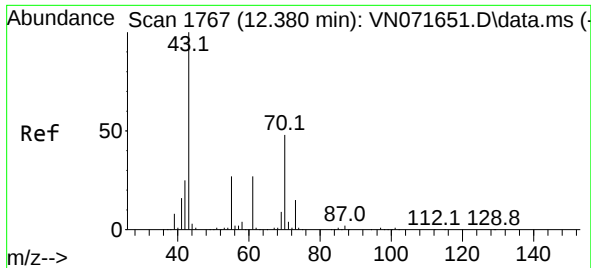
Tgt Ion:152 Resp: 517302
Ion Ratio Lower Upper
152 100
115 60.1 28.9 86.7
150 157.0 0.0 356.2



#73
Isopropylbenzene
Concen: 1.769 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

Tgt Ion:105 Resp: 77131
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4

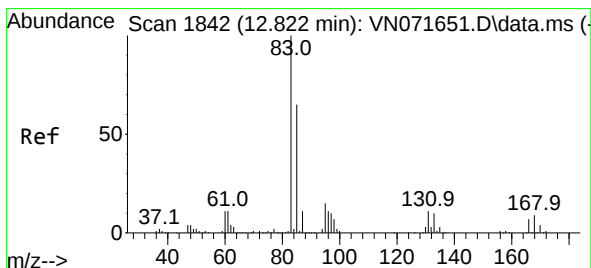
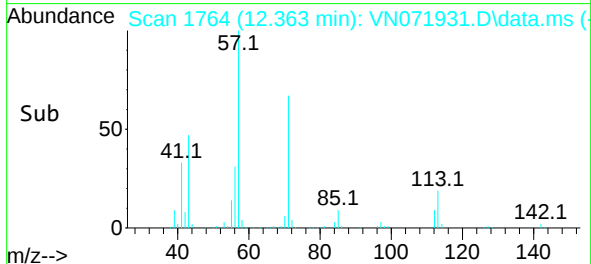
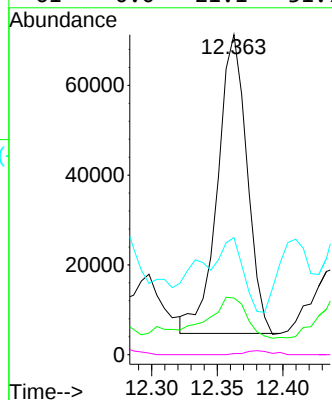
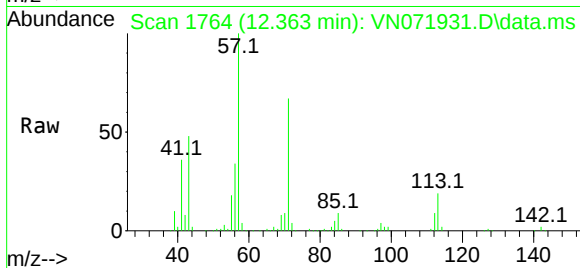




#74
N-amy1 acetate
Concen: 8.300 ug/l
RT: 12.363 min Scan# 1
Delta R.T. -0.017 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

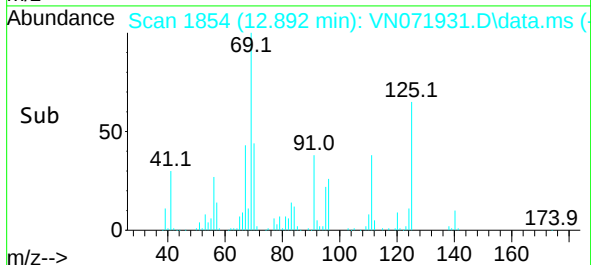
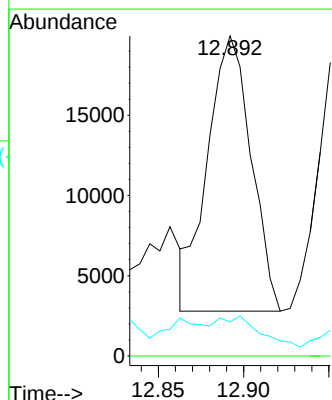
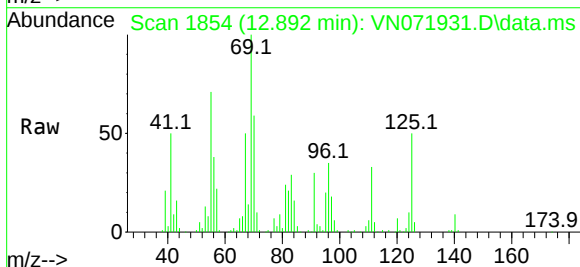
Instrument :
MSVOA_N
ClientSampleId :
2404-2405

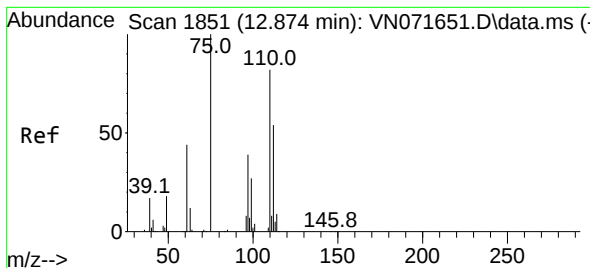
Tgt Ion: 43 Resp: 103672
Ion Ratio Lower Upper
43 100
70 17.2 39.0 58.4#
55 20.1 21.1 31.7#
61 0.0 21.1 31.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 2.099 ug/l
RT: 12.892 min Scan# 1854
Delta R.T. 0.070 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

Tgt Ion: 83 Resp: 30536
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 0.0 32.3 96.9#





#76

1,2,3-Trichloropropane

Concen: 19.326 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. -0.147 min

Lab File: VN071931.D

Acq: 11 Apr 2022 13:16

Instrument :

MSVOA_N

ClientSampleId :

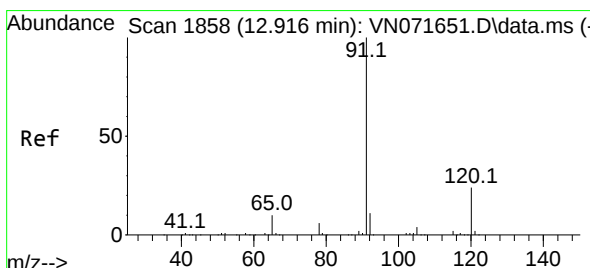
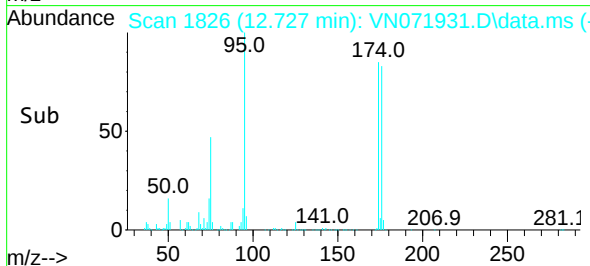
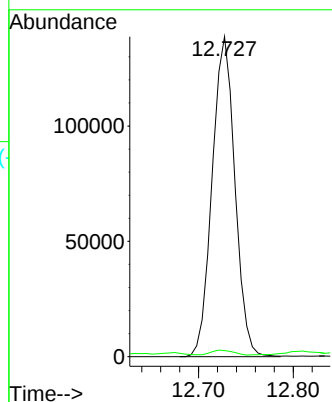
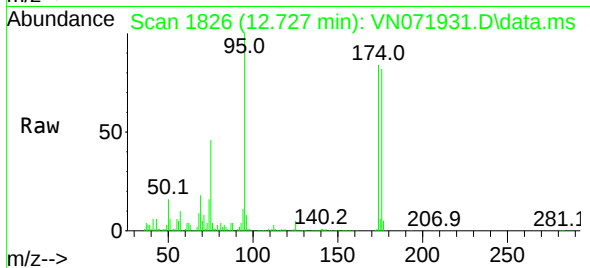
2404-2405

Tgt Ion: 75 Resp: 231592

Ion Ratio Lower Upper

75 100

77 0.0 98.5 295.5#



#78

n-propylbenzene

Concen: 7.305 ug/l

RT: 12.916 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VN071931.D

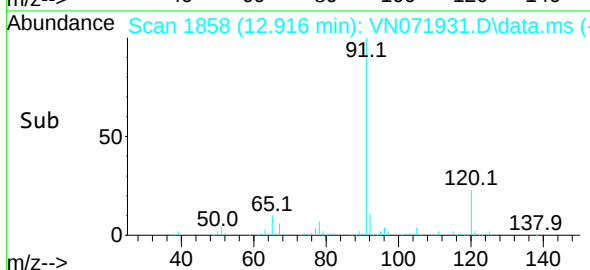
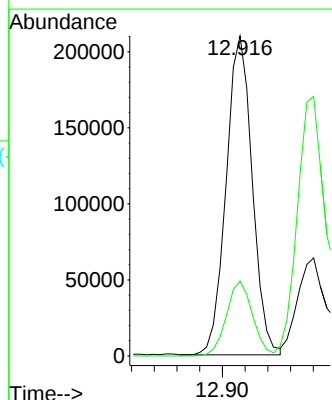
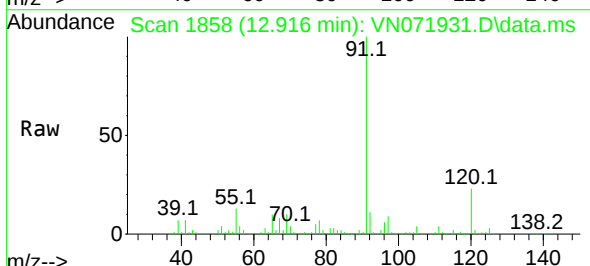
Acq: 11 Apr 2022 13:16

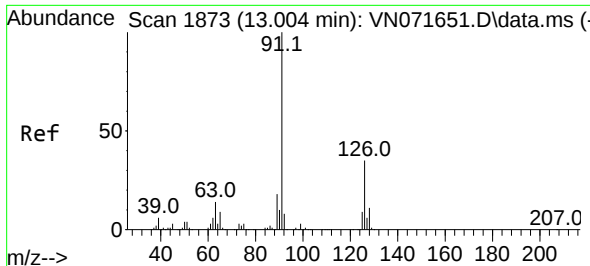
Tgt Ion: 91 Resp: 334948

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.5

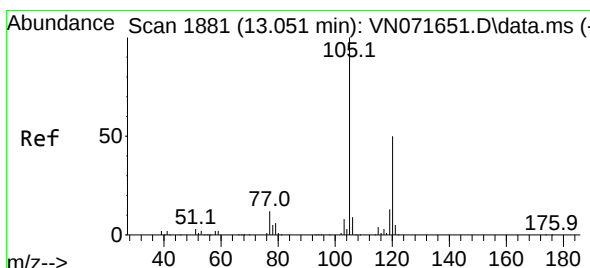
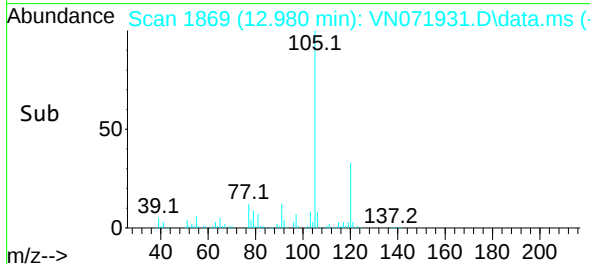
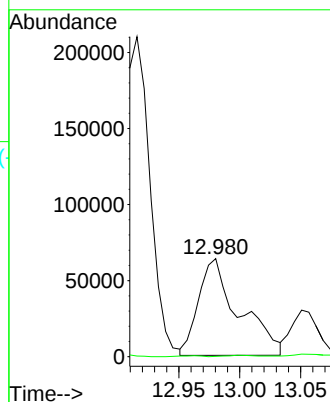
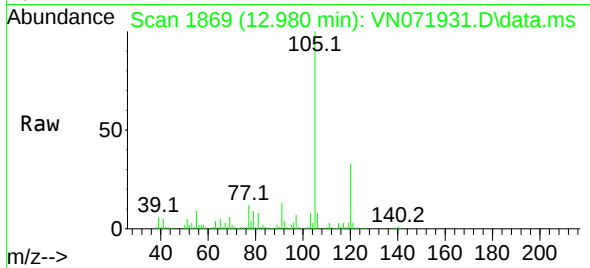




#79
2-Chlorotoluene
Concen: 5.017 ug/l
RT: 12.980 min Scan# 1869
Delta R.T. -0.024 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

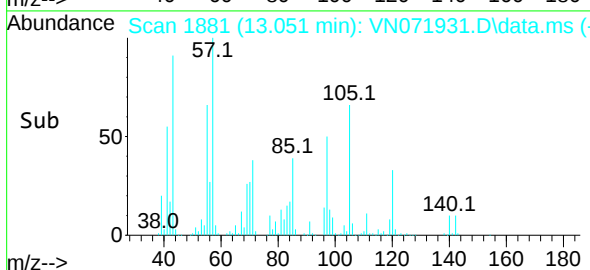
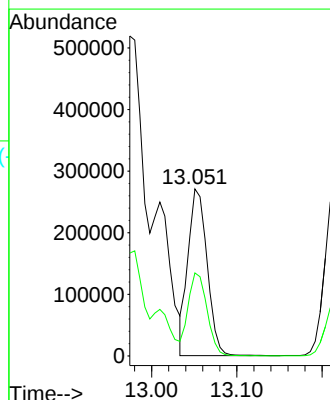
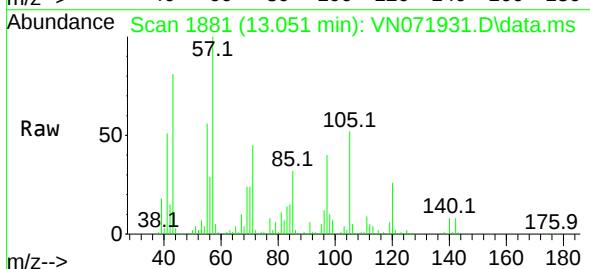
Instrument :
MSVOA_N
ClientSampleId :
2404-2405

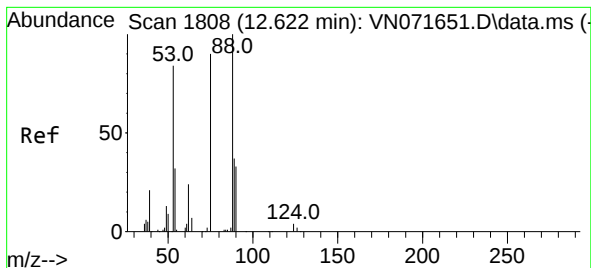
Tgt Ion: 91 Resp: 147546
Ion Ratio Lower Upper
91 100
126 1.2 17.3 51.9#



#80
1,3,5-Trimethylbenzene
Concen: 12.183 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

Tgt Ion: 105 Resp: 420772
Ion Ratio Lower Upper
105 100
120 49.3 24.9 74.7

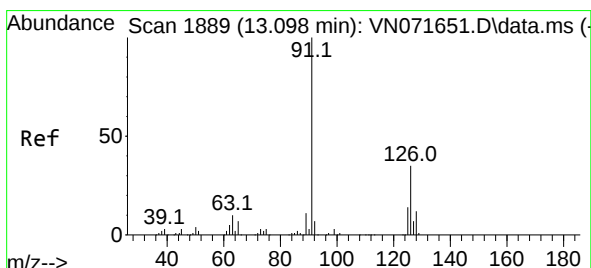
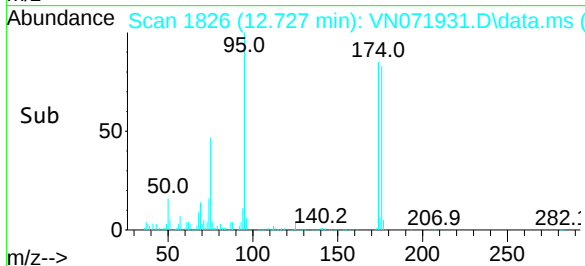
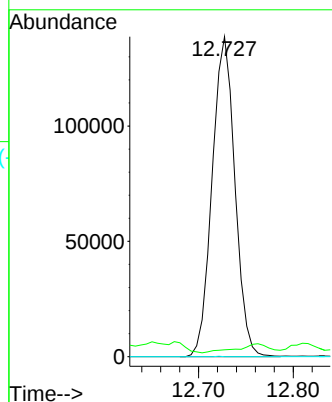
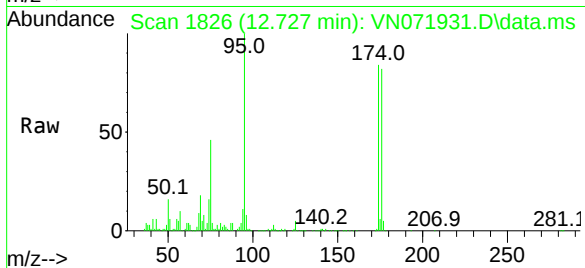




#81
trans-1,4-Dichloro-2-butene
Concen: 59.889 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

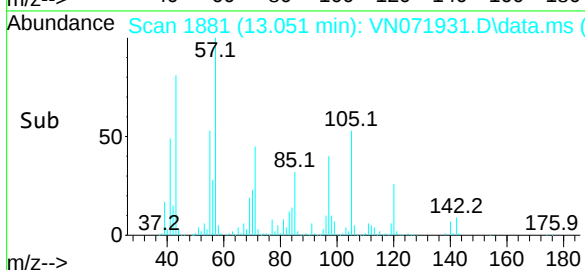
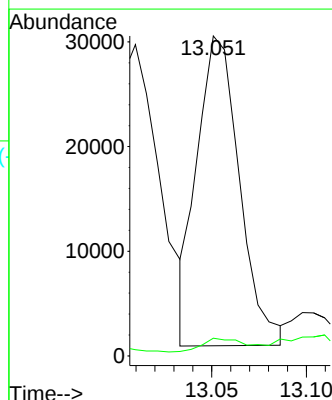
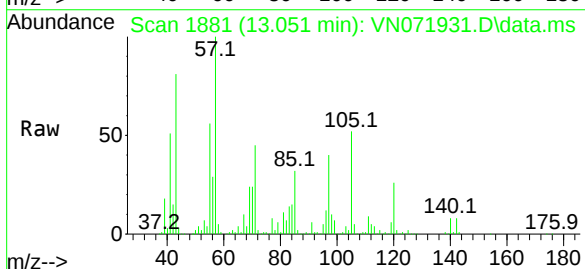
Instrument :
MSVOA_N
ClientSampleId :
2404-2405

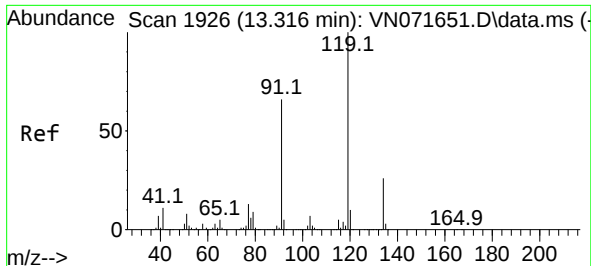
Tgt Ion: 75 Resp: 231592
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#82
4-Chlorotoluene
Concen: 1.688 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.047 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

Tgt Ion: 91 Resp: 46000
Ion Ratio Lower Upper
91 100
126 7.0 17.2 51.6#

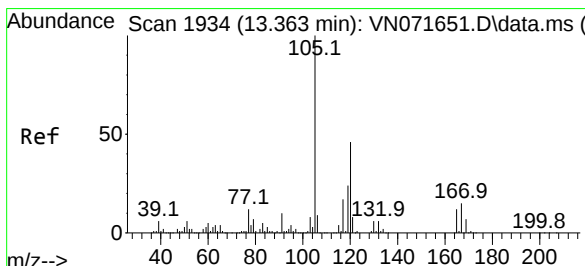
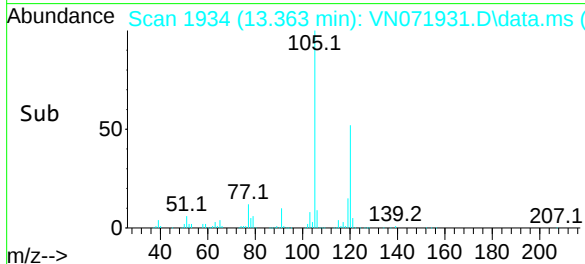
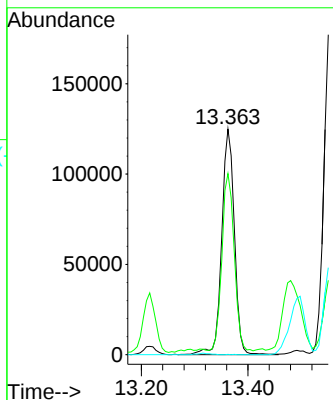
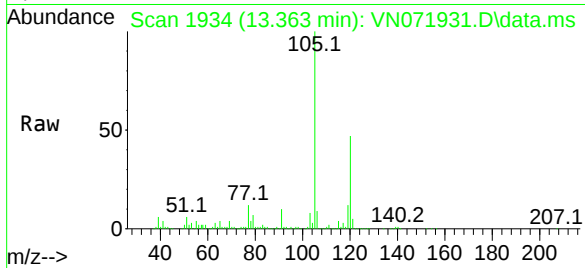




#83
tert-Butylbenzene
Concen: 6.513 ug/l
RT: 13.363 min Scan# 1926
Delta R.T. 0.047 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

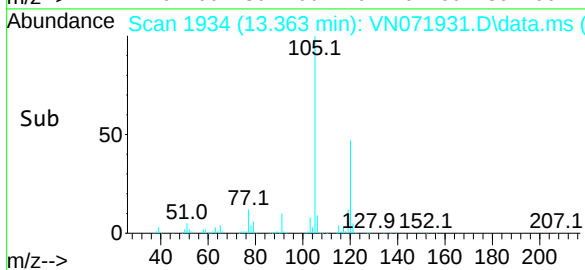
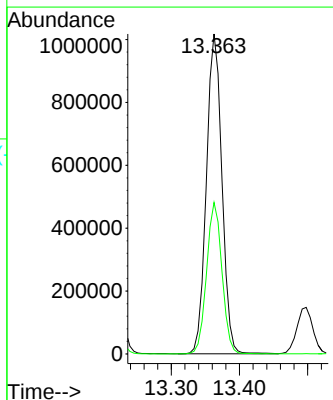
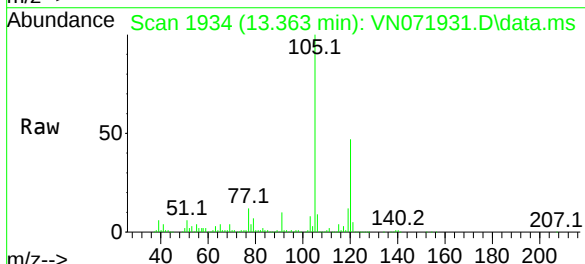
Instrument :
MSVOA_N
ClientSampleId :
2404-2405

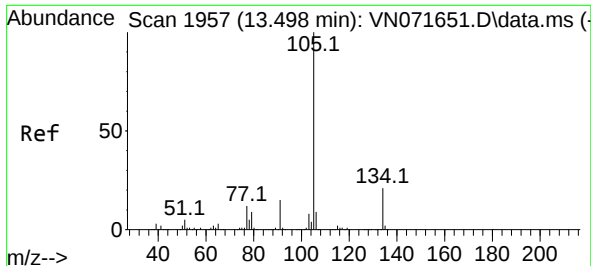
Tgt Ion:119 Resp: 205634
Ion Ratio Lower Upper
119 100
91 76.1 31.6 94.8
134 0.0 13.7 41.1#



#84
1,2,4-Trimethylbenzene
Concen: 47.896 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

Tgt Ion:105 Resp: 1614039
Ion Ratio Lower Upper
105 100
120 46.9 23.3 69.8

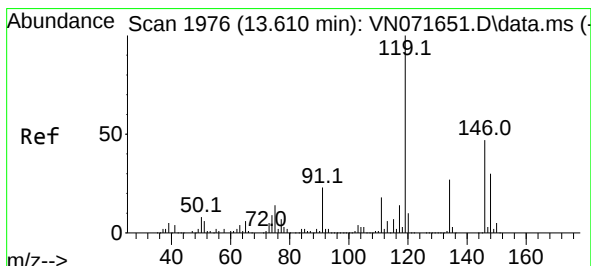
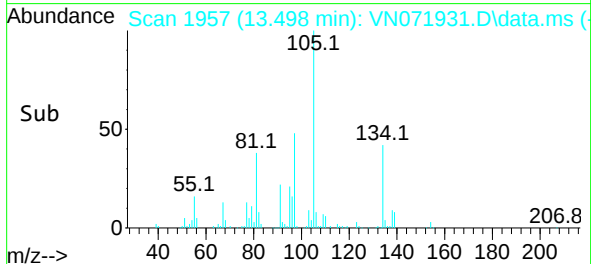
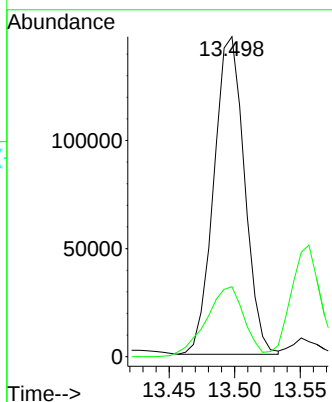
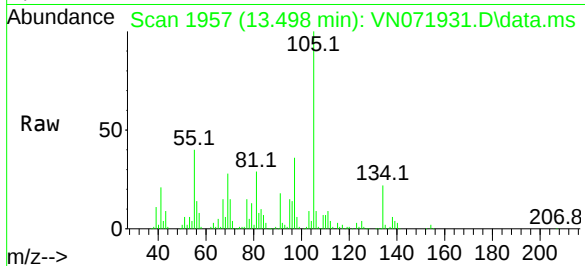




#85
 sec-Butylbenzene
 Concen: 5.839 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071931.D
 Acq: 11 Apr 2022 13:16

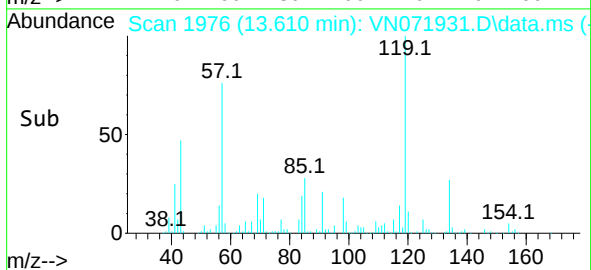
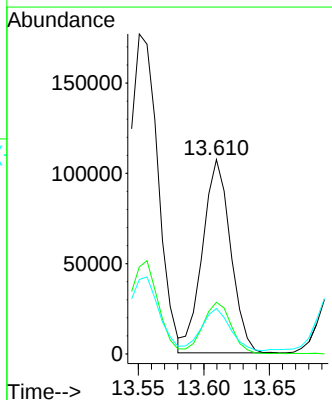
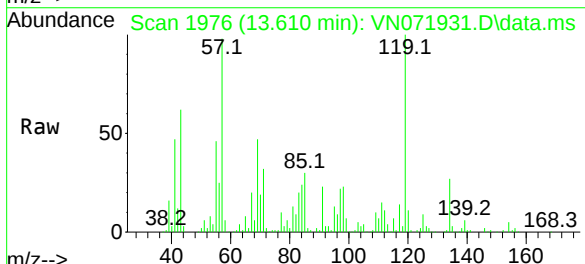
Instrument :
 MSVOA_N
 ClientSampleId :
 2404-2405

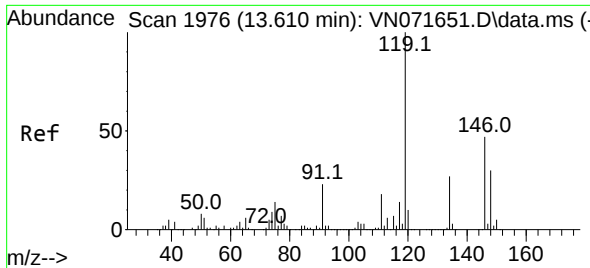
Tgt Ion:105 Resp: 238972
 Ion Ratio Lower Upper
 105 100
 134 27.3 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 4.901 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071931.D
 Acq: 11 Apr 2022 13:16

Tgt Ion:119 Resp: 159937
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 22.3 11.3 33.9

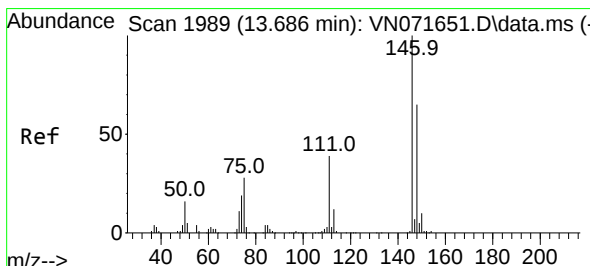
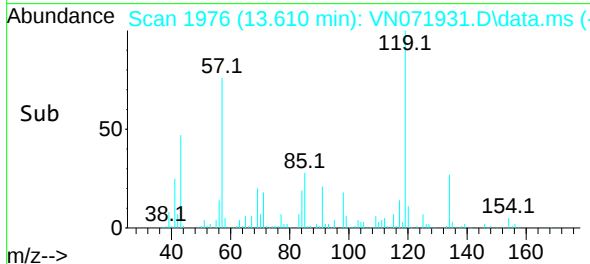
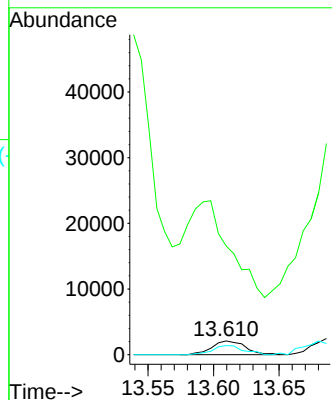
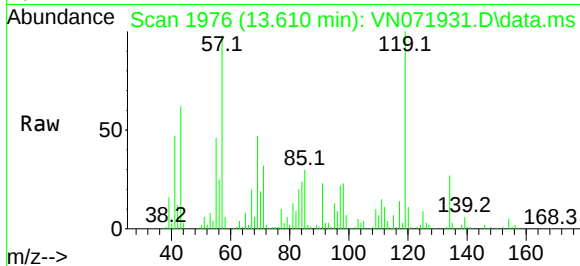




#87
 1,3-Dichlorobenzene
 Concen: 0.213 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071931.D
 Acq: 11 Apr 2022 13:16

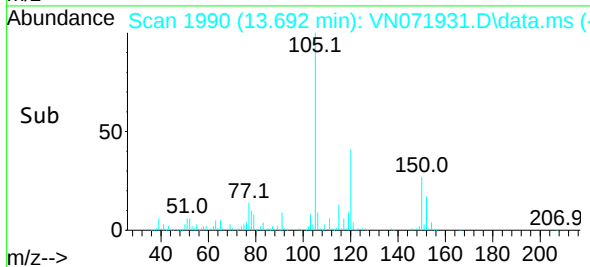
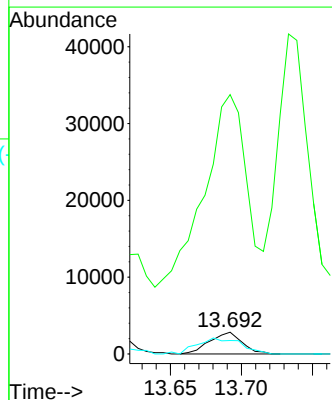
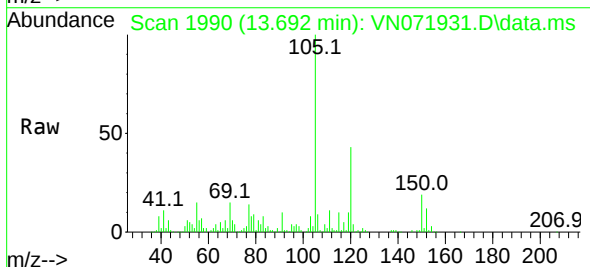
Instrument :
 MSVOA_N
 ClientSampleId :
 2404-2405

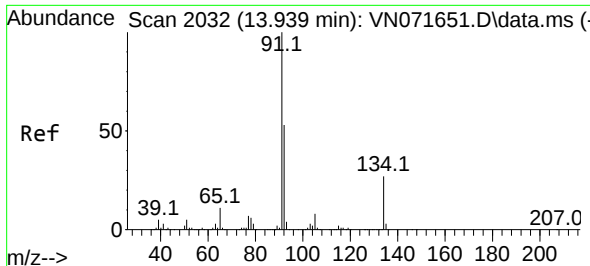
Tgt Ion:146 Resp: 3701
 Ion Ratio Lower Upper
 146 100
 111 919.1 20.0 60.0#
 148 61.3 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 0.266 ug/l
 RT: 13.692 min Scan# 1990
 Delta R.T. 0.006 min
 Lab File: VN071931.D
 Acq: 11 Apr 2022 13:16

Tgt Ion:146 Resp: 4513
 Ion Ratio Lower Upper
 146 100
 111 1152.7 19.1 57.1#
 148 99.4 31.4 94.3#

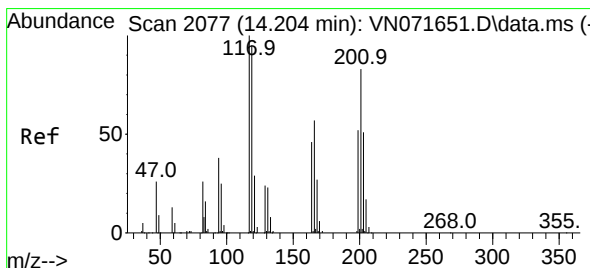
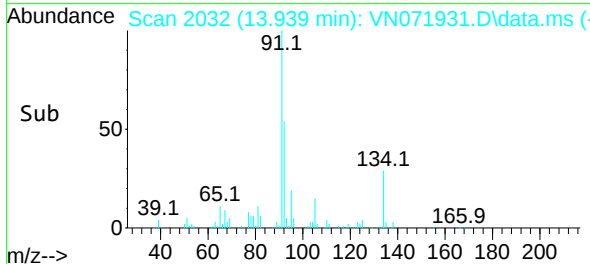
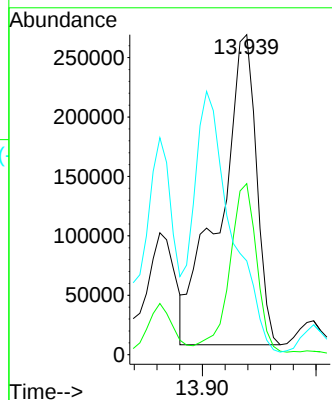
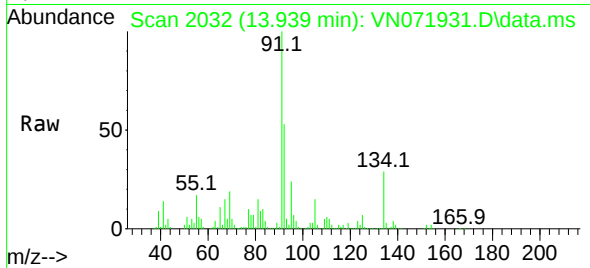




#89
n-Butylbenzene
Concen: 23.973 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

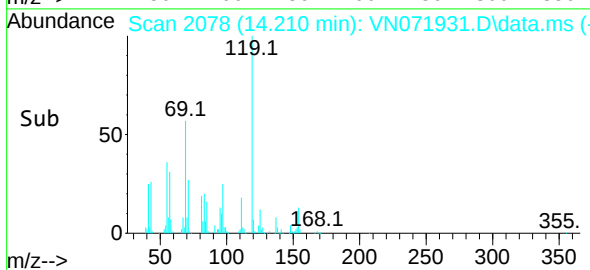
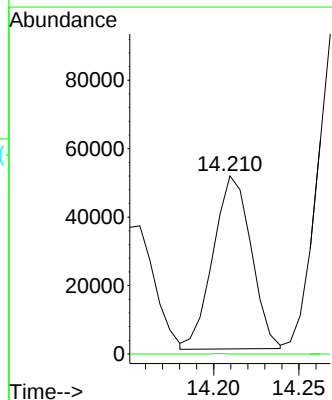
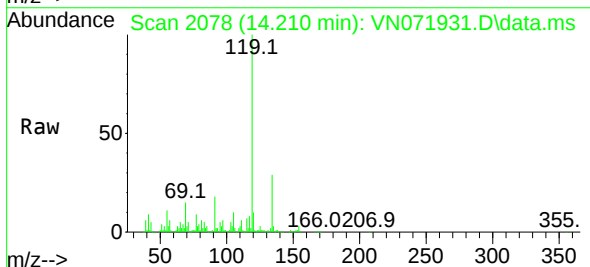
Instrument :
MSVOA_N
ClientSampleId :
2404-2405

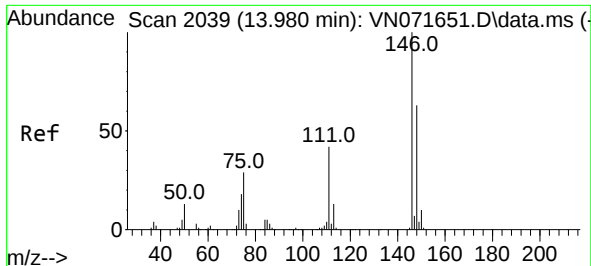
Tgt Ion: 91 Resp: 580218
Ion Ratio Lower Upper
91 100
92 40.7 26.9 80.7
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 13.158 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

Tgt Ion: 117 Resp: 78602
Ion Ratio Lower Upper
117 100
201 0.1 40.6 122.0#





#91

1,2-Dichlorobenzene

Concen: 0.233 ug/l

RT: 13.980 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN071931.D

Acq: 11 Apr 2022 13:16

Instrument :

MSVOA_N

ClientSampleId :

2404-2405

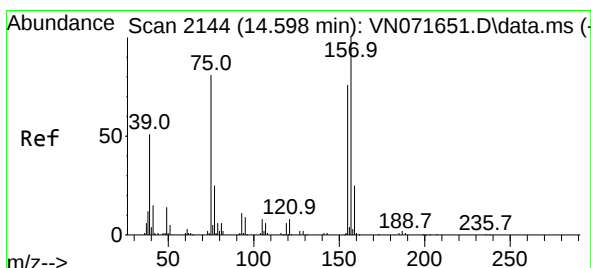
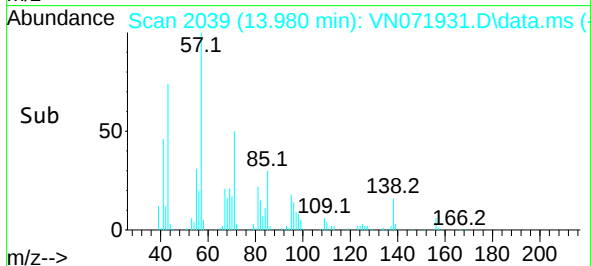
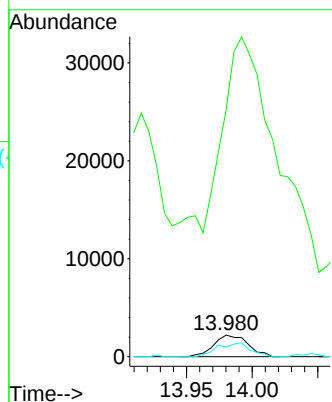
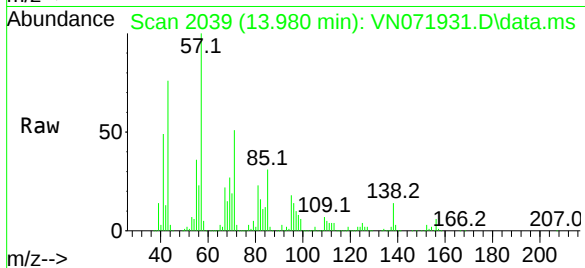
Tgt Ion:146 Resp: 3982

Ion Ratio Lower Upper

146 100

111 1721.5 20.9 62.8#

148 61.7 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.617 ug/l

RT: 14.615 min Scan# 2147

Delta R.T. 0.017 min

Lab File: VN071931.D

Acq: 11 Apr 2022 13:16

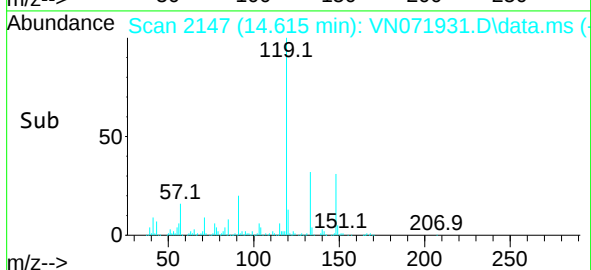
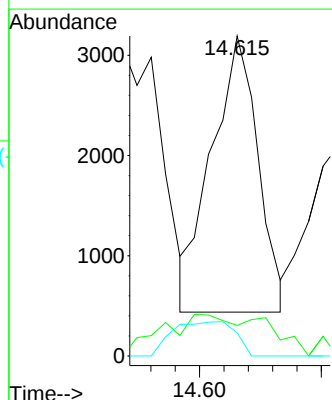
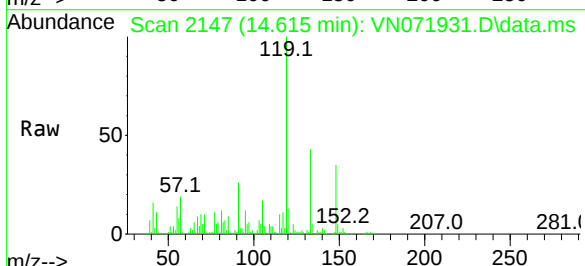
Tgt Ion: 75 Resp: 3649

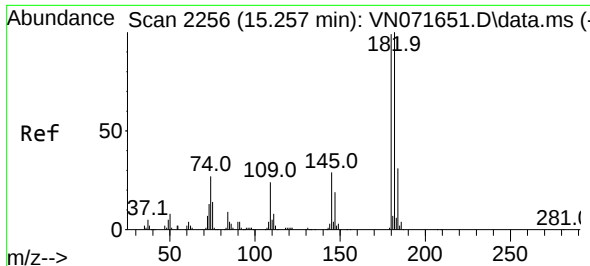
Ion Ratio Lower Upper

75 100

155 32.1 44.9 134.5#

157 16.7 59.0 176.8#

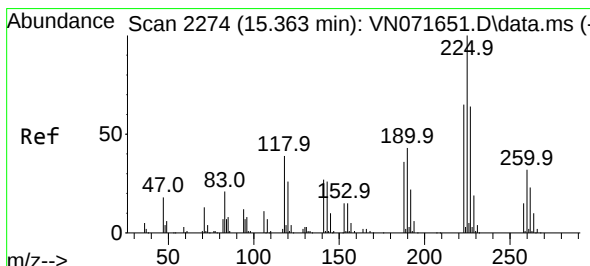
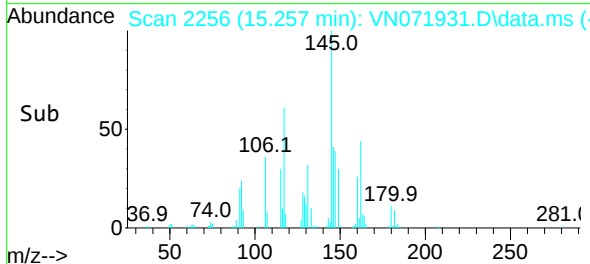
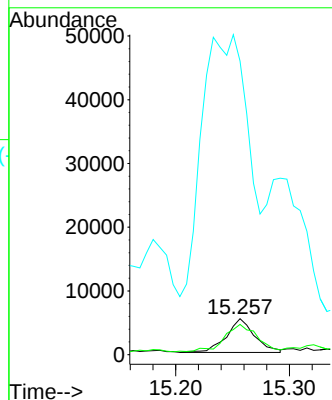
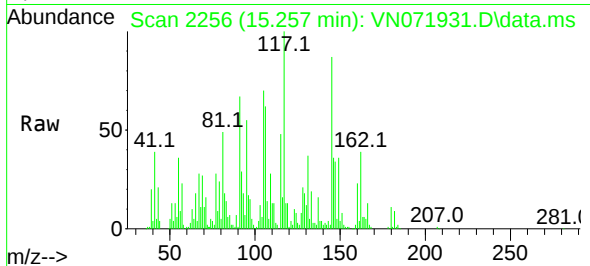




#93
1,2,4-Trichlorobenzene
Concen: 3.148 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

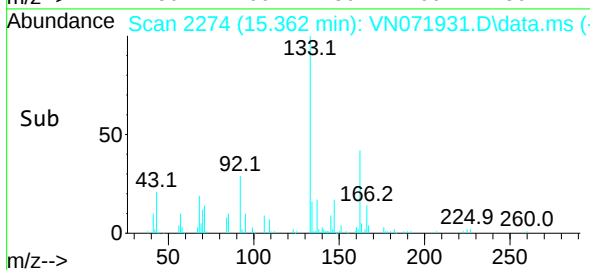
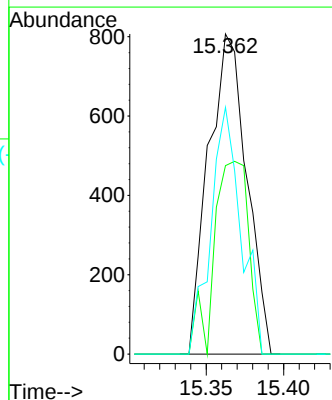
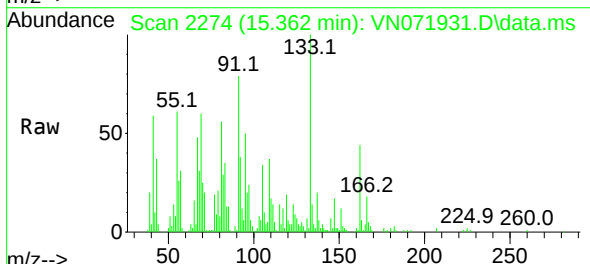
Instrument :
MSVOA_N
ClientSampleId :
2404-2405

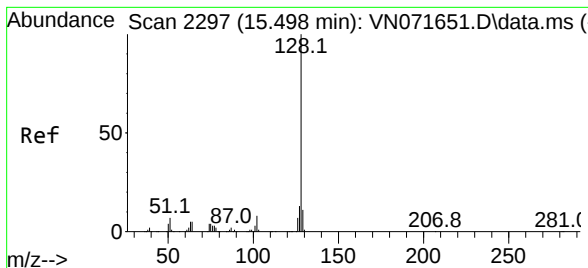
Tgt Ion:180 Resp: 9124
Ion Ratio Lower Upper
180 100
182 93.4 47.5 142.5
145 1264.2 14.5 43.5#



#94
Hexachlorobutadiene
Concen: 0.274 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.001 min
Lab File: VN071931.D
Acq: 11 Apr 2022 13:16

Tgt Ion:225 Resp: 1382
Ion Ratio Lower Upper
225 100
223 54.3 32.4 97.2
227 61.2 31.8 95.4





#95

Naphthalene

Concen: 13.110 ug/l

RT: 15.498 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN071931.D

Acq: 11 Apr 2022 13:16

Instrument :

MSVOA_N

ClientSampleId :

2404-2405

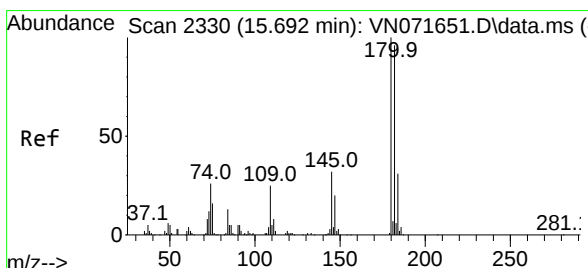
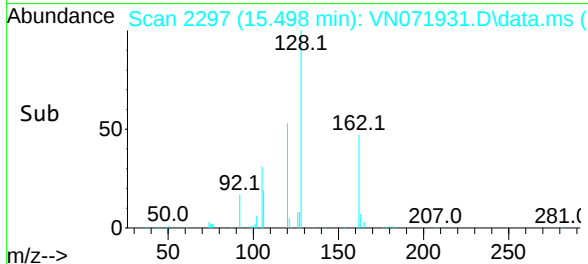
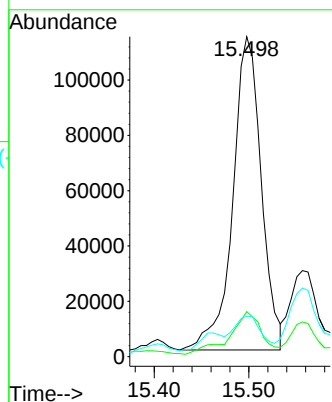
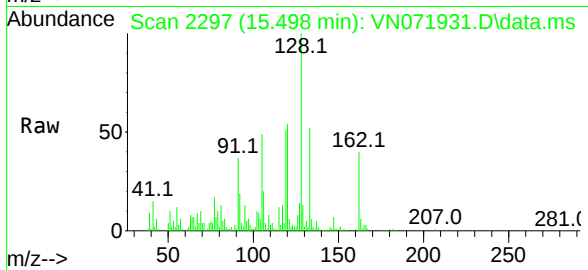
Tgt Ion:128 Resp: 237302

Ion Ratio Lower Upper

128 100

127 15.4 10.3 15.5

129 8.3 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 5.135 ug/l

RT: 15.704 min Scan# 2332

Delta R.T. 0.012 min

Lab File: VN071931.D

Acq: 11 Apr 2022 13:16

Tgt Ion:180 Resp: 22804

Ion Ratio Lower Upper

180 100

182 45.3 47.8 143.3#

145 515.7 15.5 46.5#

