

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012920\
 Data File : VN059904.D
 Acq On : 29 Jan 2020 12:03
 Operator : JC/MD
 Sample : VN0129WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0129WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/30/2020 10:22:13 AM

Quant Time: Jan 30 00:23:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	193544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	297392	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	268547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	125985	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	106735	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
35) Dibromofluoromethane	7.56	113	89573	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
50) Toluene-d8	10.08	98	333532	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
62) 4-Bromofluorobenzene	12.40	95	119053	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	39318	16.884	ug/l	95
3) Chloromethane	2.04	50	36869	16.639	ug/l	97
4) Vinyl Chloride	2.17	62	47482	18.728	ug/l	98
5) Bromomethane	2.54	94	29446	19.032	ug/l	99
6) Chloroethane	2.69	64	23433	19.536	ug/l	98
7) Trichlorofluoromethane	3.00	101	58241	19.128	ug/l	97
8) Diethyl Ether	3.38	74	22154	20.733	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	3.74	101	34616	20.427	ug/l	93
10) Methyl Iodide	3.93	142	52106	19.023	ug/l	94
11) Tert butyl alcohol	4.73	59	32975	91.133	ug/l	97
12) 1,1-Dichloroethene	3.72	96	32644	18.435	ug/l	89
13) Acrolein	3.58	56	16367	63.900	ug/l	96
14) Allyl chloride	4.29	41	45588	19.101	ug/l #	87
15) Acrylonitrile	4.94	53	80969	98.100	ug/l	99
16) Acetone	3.78	43	94008	123.157	ug/l	94
17) Carbon Disulfide	4.03	76	82112	16.278	ug/l	99
18) Methyl Acetate	4.29	43	49833	19.849	ug/l #	91
19) Methyl tert-butyl Ether	5.00	73	118567	20.537	ug/l	96
20) Methylene Chloride	4.53	84	38212	18.844	ug/l	87
21) trans-1,2-Dichloroethene	5.01	96	35540	18.882	ug/l	84
22) Diisopropyl ether	5.91	45	105603	19.524	ug/l #	93
23) Vinyl Acetate	5.86	43	374220	89.362	ug/l #	94
24) 1,1-Dichloroethane	5.82	63	64371	19.478	ug/l	96
25) 2-Butanone	6.80	43	111051	91.237	ug/l #	88
26) 2,2-Dichloropropane	6.79	77	60975	19.191	ug/l	95
27) cis-1,2-Dichloroethene	6.80	96	43715	20.192	ug/l	87
28) Bromochloromethane	7.17	49	24078	18.228	ug/l #	70
29) Tetrahydrofuran	7.18	42	67550	89.698	ug/l #	87
30) Chloroform	7.35	83	69060	20.168	ug/l	99
31) Cyclohexane	7.63	56	54843	17.246	ug/l #	83
32) 1,1,1-Trichloroethane	7.54	97	62579	19.765	ug/l	96
36) 1,1-Dichloropropene	7.77	75	48655	18.787	ug/l	95
37) Ethyl Acetate	6.90	43	45135	18.582	ug/l	96
38) Carbon Tetrachloride	7.75	117	55204	19.596	ug/l	97

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 Misc : 5.00mL/MSVOA N/WATER
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MMDadoda
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	58443	18.302	ug/l	91
40) Benzene	8.02	78	148423	19.217	ug/l	100
41) Methacrylonitrile	7.15	41	21360m	17.853	ug/l	
42) 1,2-Dichloroethane	8.10	62	54195	20.695	ug/l	96
43) Isopropyl Acetate	8.14	43	77903	18.646	ug/l #	95
44) Trichloroethene	8.82	130	44453	21.083	ug/l	93
45) 1,2-Dichloropropane	9.10	63	38888	20.347	ug/l	97
46) Dibromomethane	9.19	93	28093	20.837	ug/l	91
47) Bromodichloromethane	9.39	83	55643	20.481	ug/l	99
48) Methyl methacrylate	9.18	41	32773	17.537	ug/l #	85
49) 1,4-Dioxane	9.18	88	13416	392.154	ug/l	90
51) 4-Methyl-2-Pentanone	9.97	43	222445	92.103	ug/l	95
52) Toluene	10.14	92	96957	19.874	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	60072	19.802	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	64466	20.197	ug/l	92
55) 1,1,2-Trichloroethane	10.55	97	40350	20.883	ug/l	96
56) Ethyl methacrylate	10.42	69	54808	18.563	ug/l	93
57) 1,3-Dichloropropane	10.70	76	63705	20.767	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	84259	94.749	ug/l #	89
59) 2-Hexanone	10.74	43	164443	92.422	ug/l	93
60) Dibromochloromethane	10.89	129	44939	20.424	ug/l	98
61) 1,2-Dibromoethane	10.99	107	41523	20.503	ug/l	100
64) Tetrachloroethene	10.62	164	52109	23.808	ug/l	97
65) Chlorobenzene	11.43	112	107179	20.305	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	42071	20.628	ug/l	99
67) Ethyl Benzene	11.51	91	188942	19.719	ug/l	96
68) m/p-Xylenes	11.62	106	143597	39.673	ug/l	93
69) o-Xylene	11.94	106	69741	19.681	ug/l	95
70) Styrene	11.96	104	111647	18.829	ug/l	98
71) Bromoform	12.12	173	33517	20.516	ug/l #	98
73) Isopropylbenzene	12.25	105	186589	20.194	ug/l	99
74) N-amyl acetate	12.07	43	62425	17.411	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	52469	19.588	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	50142m	23.650	ug/l	
77) Bromobenzene	12.52	156	48329	20.655	ug/l	81
78) n-propylbenzene	12.59	91	207142	19.974	ug/l	96
79) 2-Chlorotoluene	12.67	91	123324	19.989	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	156685	20.164	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	18952	19.196	ug/l	95
82) 4-Chlorotoluene	12.77	91	126166	20.389	ug/l	96
83) tert-Butylbenzene	12.99	119	134438	20.004	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	155937	20.284	ug/l	97
85) sec-Butylbenzene	13.17	105	175161	19.838	ug/l	98
86) p-Isopropyltoluene	13.29	119	162662	19.909	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	84247	20.728	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	83020	20.475	ug/l	97
89) n-Butylbenzene	13.61	91	136202	19.552	ug/l	98
90) Hexachloroethane	13.87	117	29740	19.455	ug/l	91
91) 1,2-Dichlorobenzene	13.65	146	81508	20.285	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11220	18.187	ug/l	87

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ClientSampleId :
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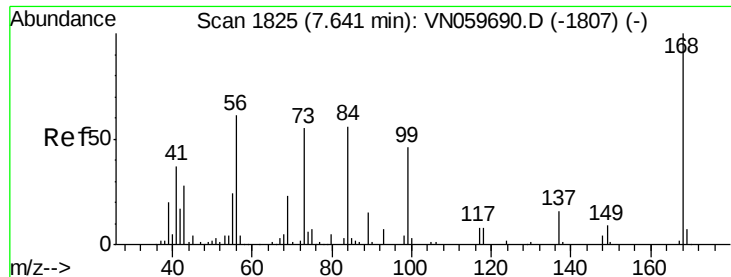
Manual Integrations
APPROVED

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QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	48689	20.166	ug/l	99
94) Hexachlorobutadiene	15.01	225	26068	19.593	ug/l	97
95) Naphthalene	15.13	128	128239	18.673	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	46893	19.953	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059904.D

Acq: 29 Jan 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBSD01

Tot Ion:168 Resp: 193544

Ion Ratio Lower Upper

168 100

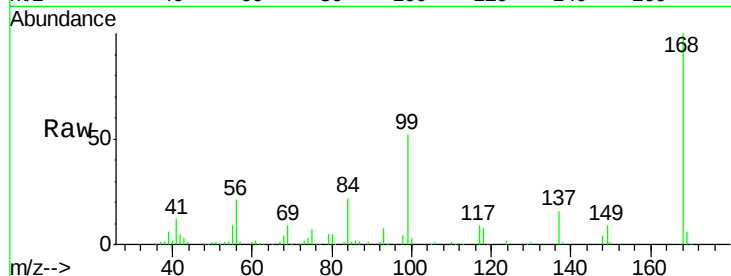
99 51.5 48.2 72.4

Manual Integrations

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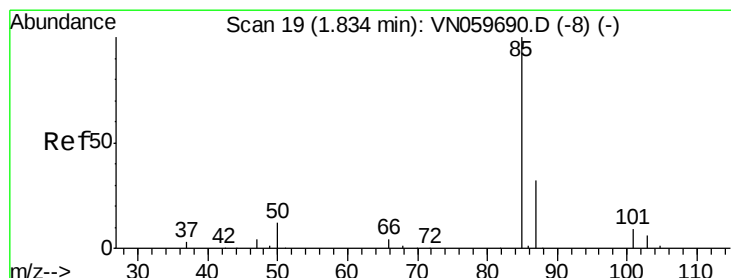
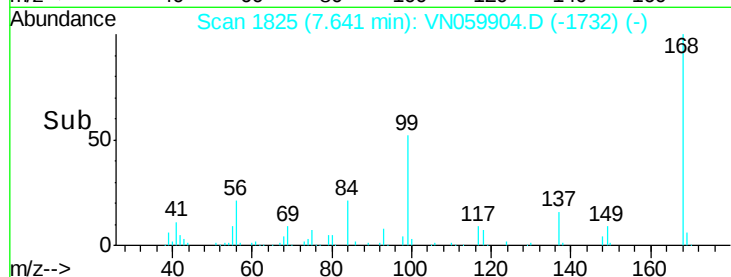
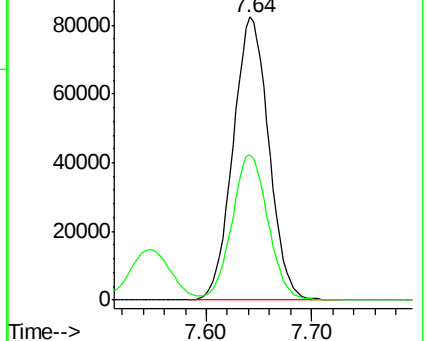
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 16.884 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059904.D

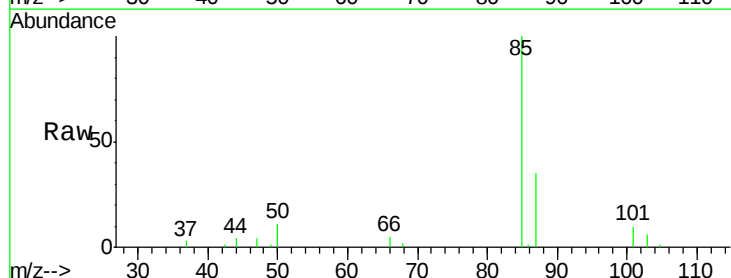
Acq: 29 Jan 2020 12:03

Tgt Ion: 85 Resp: 39318

Ion Ratio Lower Upper

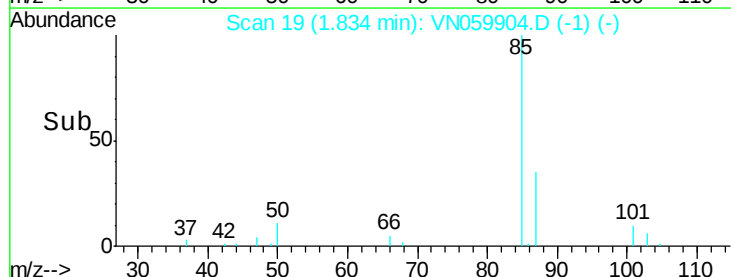
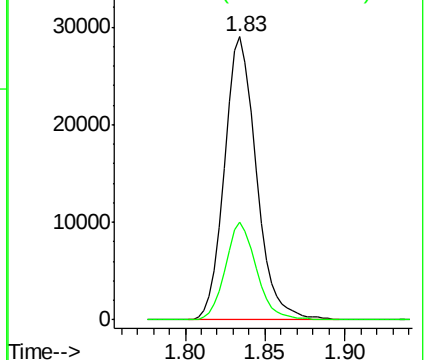
85 100

87 34.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 16.639 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059904.D

Acq: 29 Jan 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBSD01

Tot Ion: 50 Resp: 36869

Ion Ratio Lower Upper

50 100

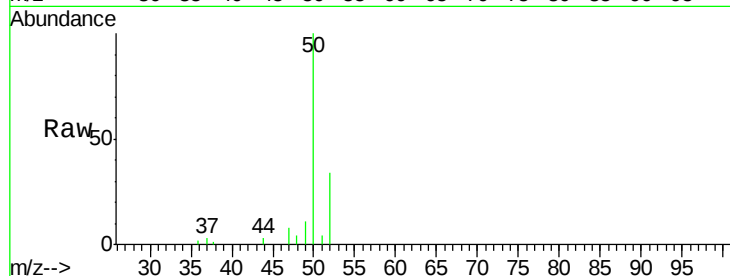
52 34.1 25.9 38.9

Manual Integrations

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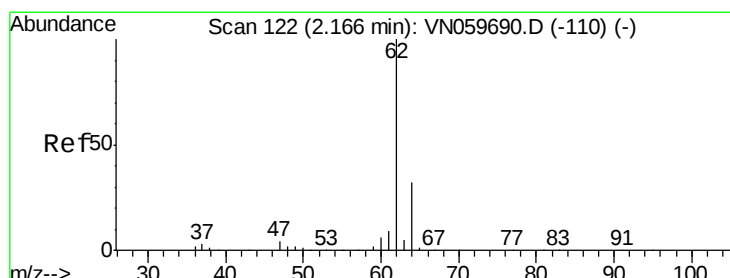
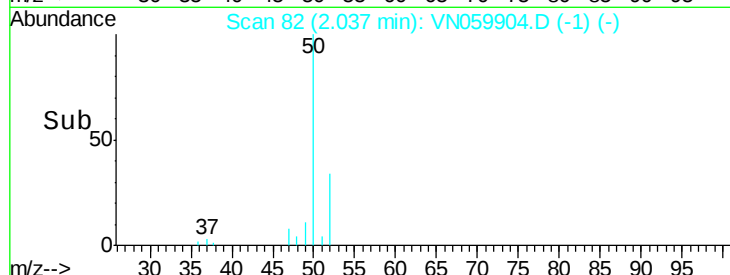
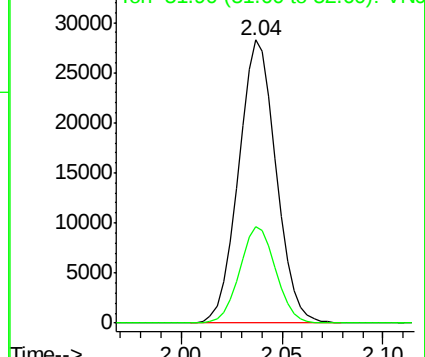
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 18.728 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059904.D

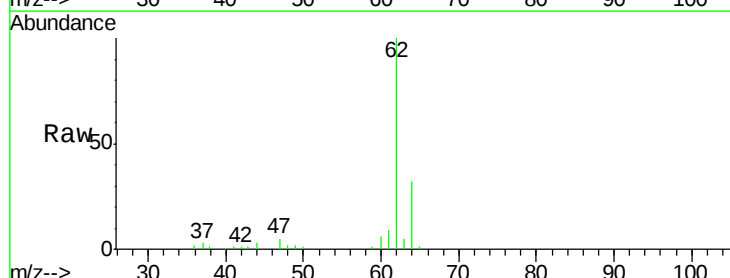
Acq: 29 Jan 2020 12:03

Tgt Ion: 62 Resp: 47482

Ion Ratio Lower Upper

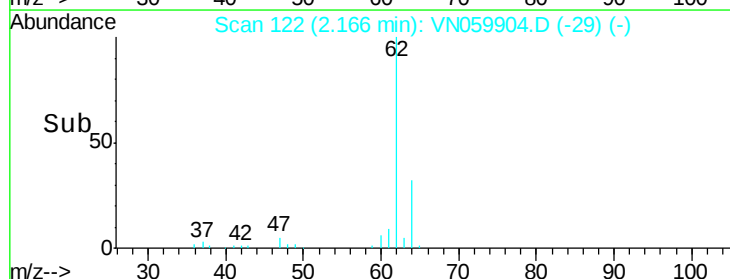
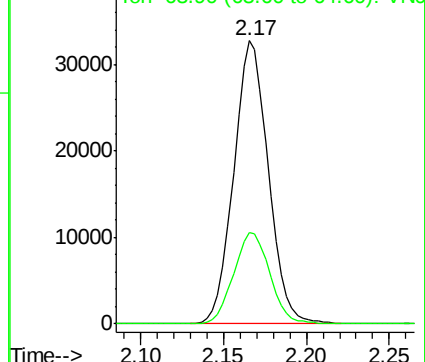
62 100

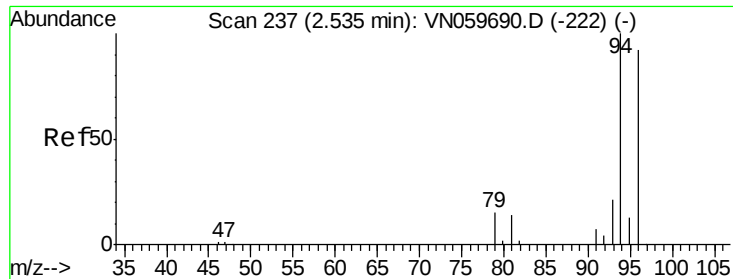
64 32.1 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





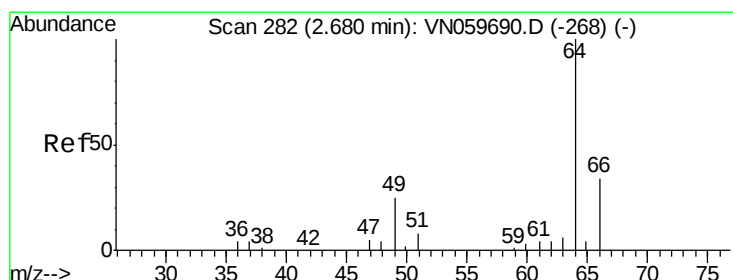
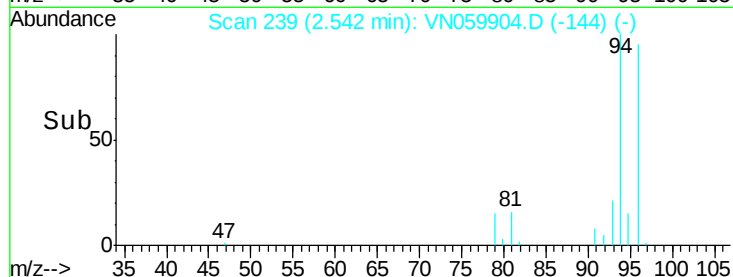
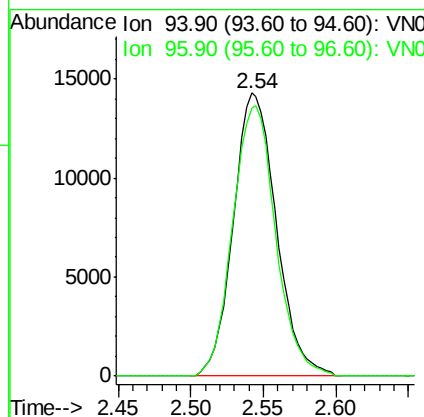
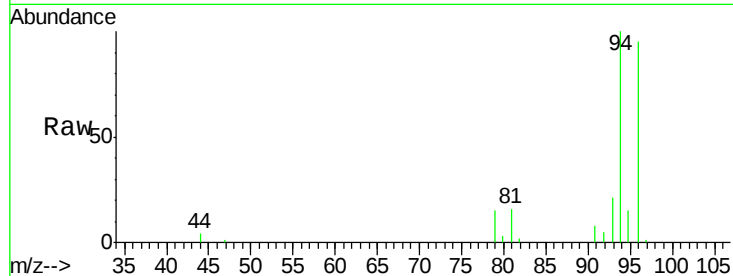
#5
Bromomethane
Concen: 19.032 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.01 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Instrument :
MSVOA_N
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Tot Ion: 94 Resp: 29446
Ion Ratio Lower Upper
94 100
96 94.7 74.7 112.1

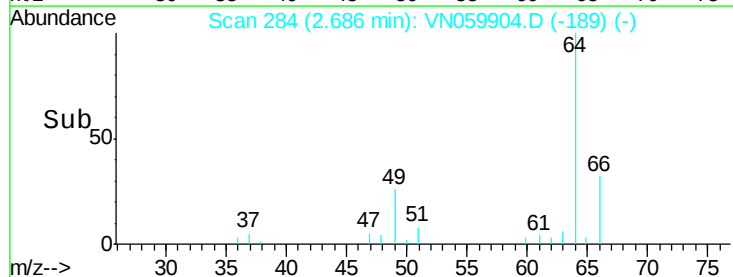
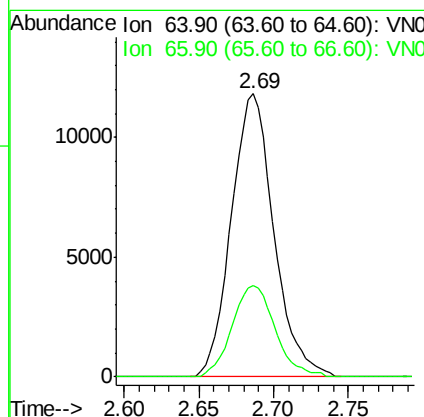
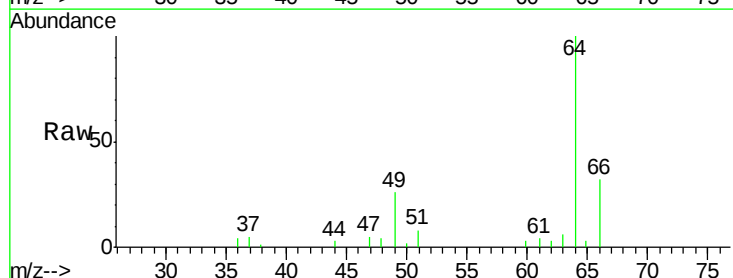
Manual Integrations
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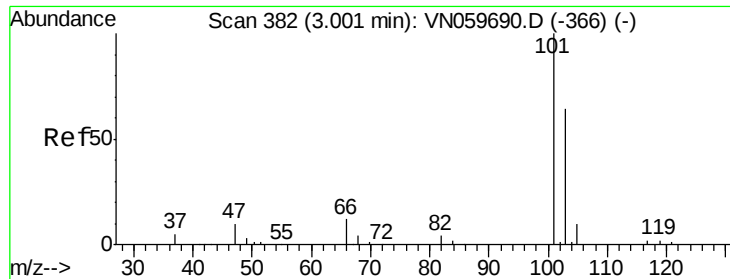
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#6
Chloroethane
Concen: 19.536 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.01 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Tgt Ion: 64 Resp: 23433
Ion Ratio Lower Upper
64 100
66 32.4 25.1 37.7





#7

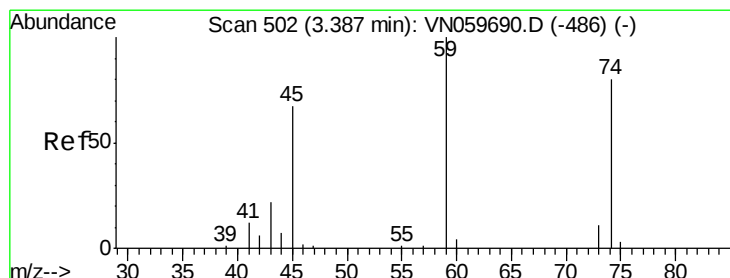
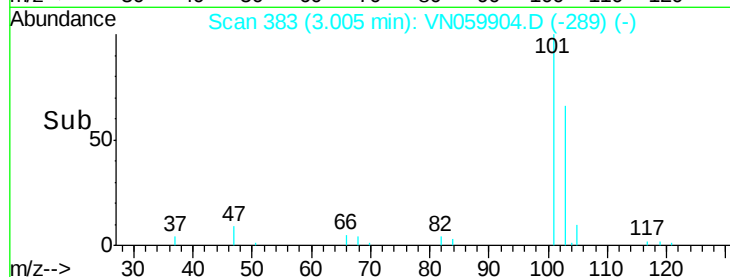
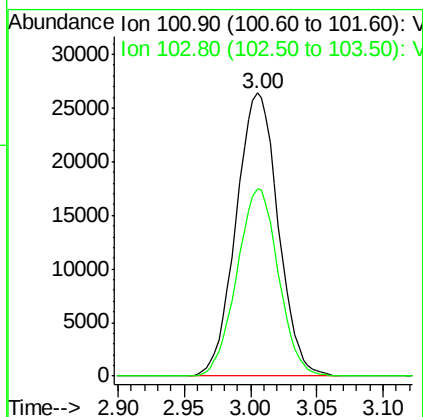
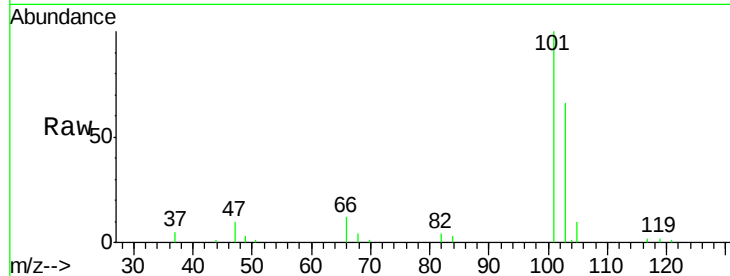
Trichlorofluoromethane
Concen: 19.128 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Instrument :
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ClientSampleId :
VN0129WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		58241		
103	66.3	51.0	76.6		

Manual Integrations
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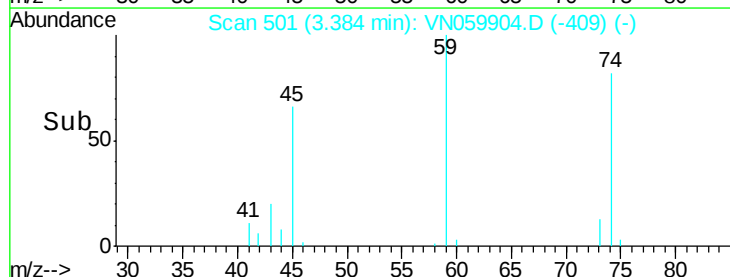
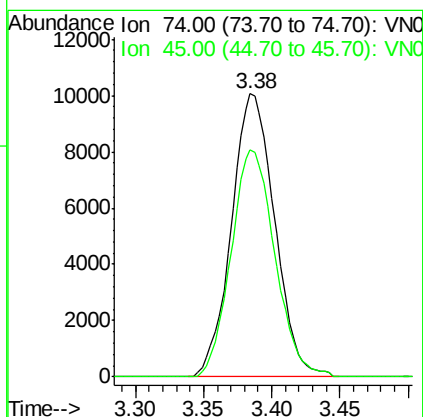
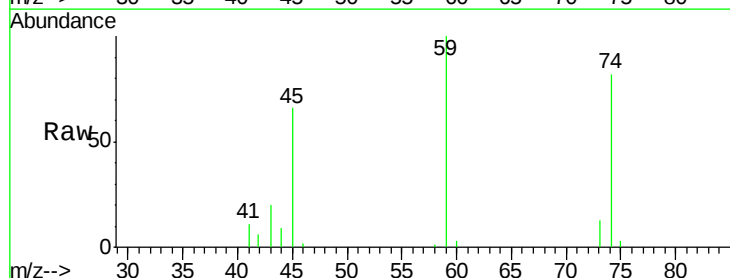
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1/30/2020 10:22:13 AM



#8

Diethyl Ether
Concen: 20.733 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		22154		
45	81.3	51.9	155.8		





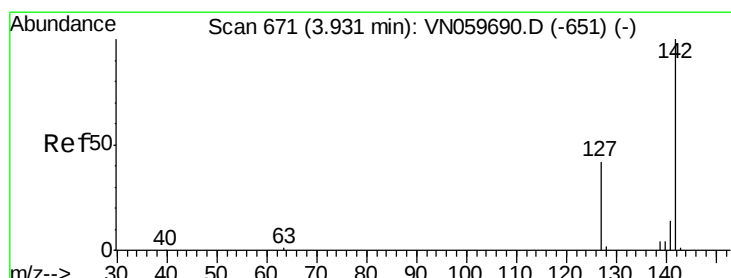
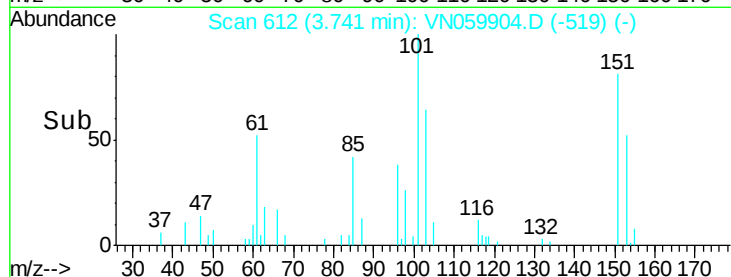
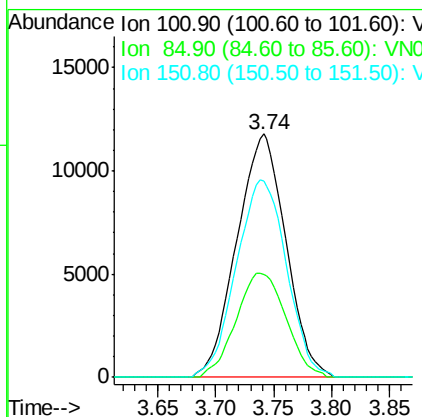
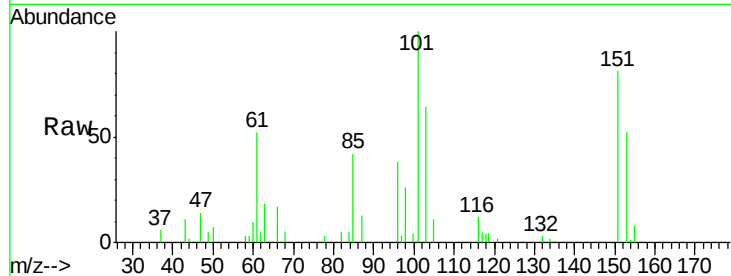
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.427 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
85	43.6	36.6	54.8
151	83.2	59.7	89.5

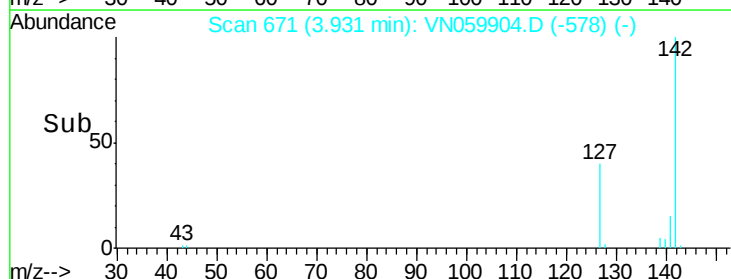
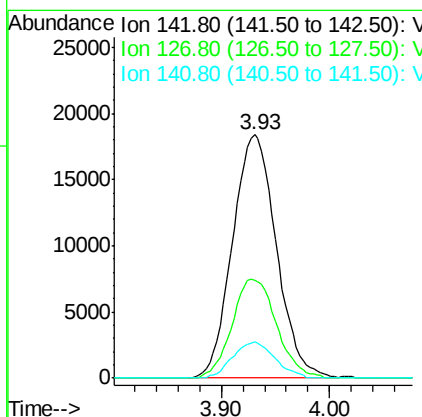
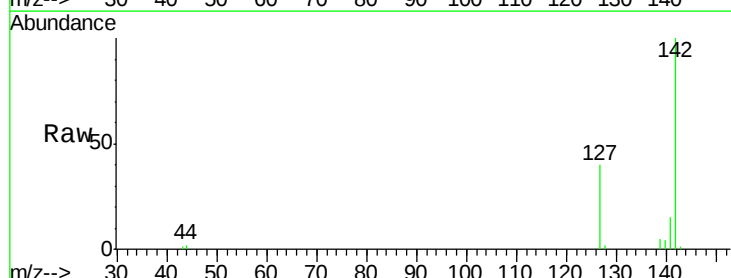
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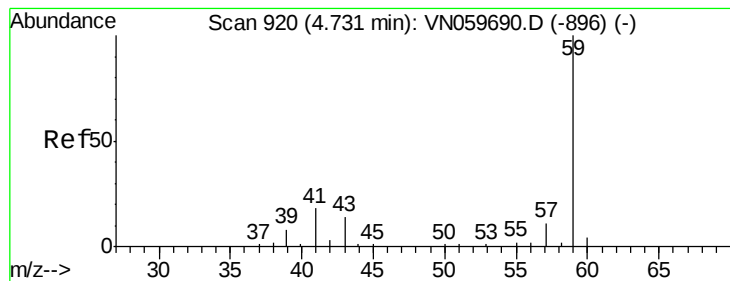
MMDadoda
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#10
Methyl Iodide
Concen: 19.023 ug/l
RT: 3.93 min Scan# 671
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.1	36.7	55.1
141	14.2	11.7	17.5





#11

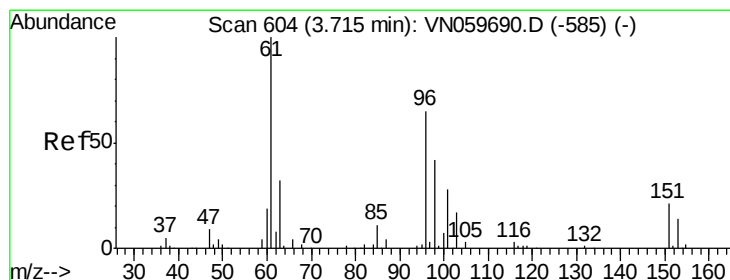
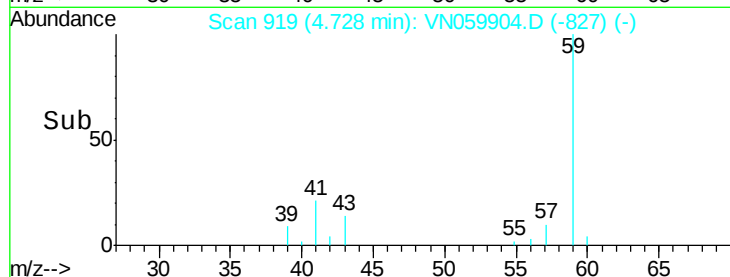
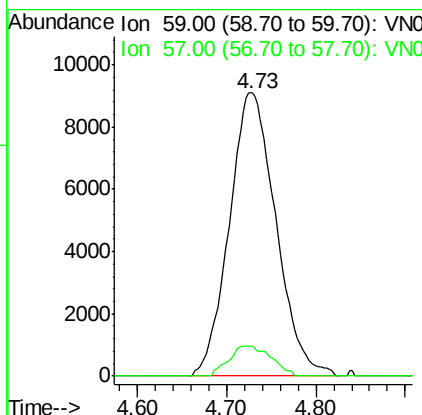
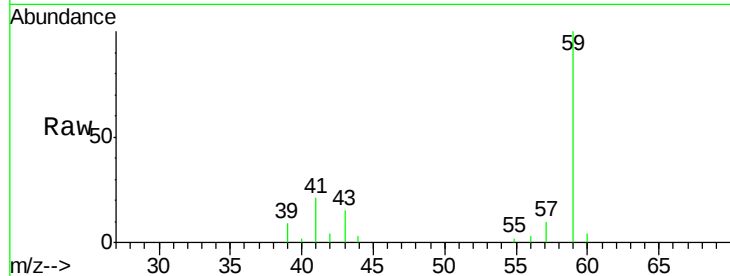
Tert butyl alcohol
 Concen: 91.133 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VN059904.D
 Acq: 29 Jan 2020 12:03

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0129WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.6	12.8

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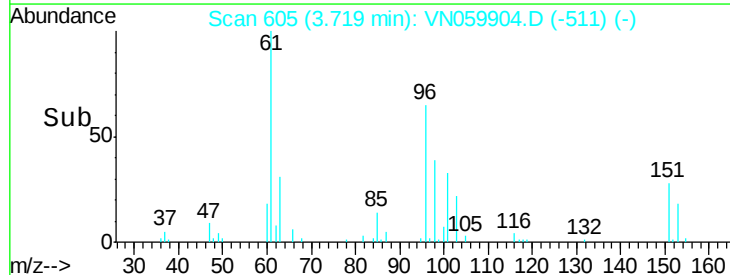
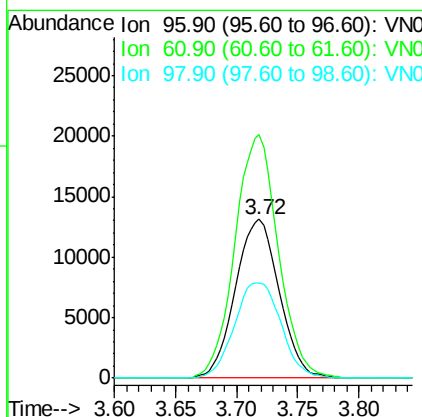
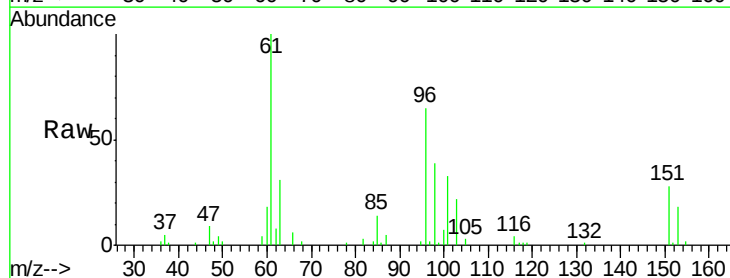
MMDadoda
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#12

1,1-Dichloroethene
 Concen: 18.435 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VN059904.D
 Acq: 29 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.1	137.5	206.3
98	60.1	50.2	75.4





#13

Acrolein

Concen: 63.900 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059904.D

Acq: 29 Jan 2020 12:03

Instrument :

MSVOA_N

ClientSampled :

VN0129WBSD01

Tot Ion: 56 Resp: 16367

Ion Ratio Lower Upper

56 100

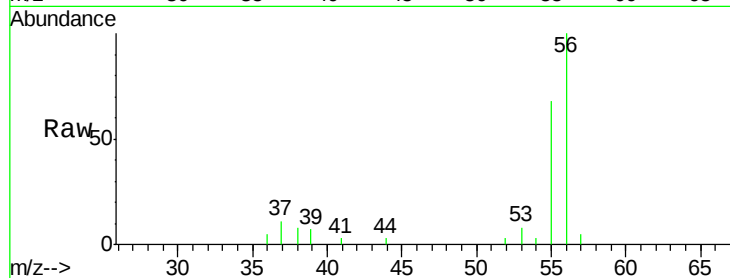
55 69.9 58.6 88.0

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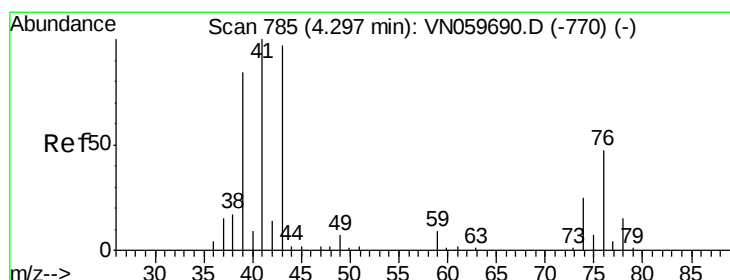
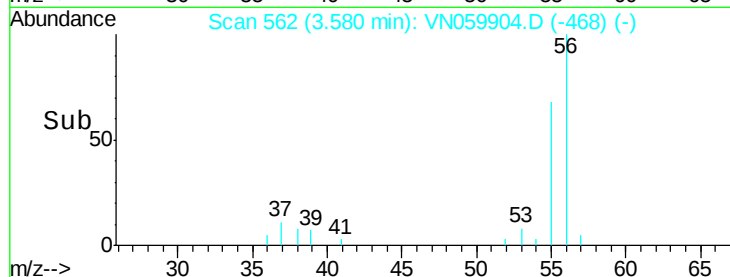
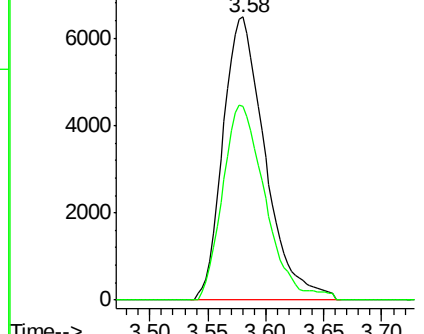
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Abundance Ion 56.00 (55.70 to 56.70): VN059904.D (-545) (-)

Ion 55.00 (54.70 to 55.70): VN059904.D (-545) (-)



#14

Allyl chloride

Concen: 19.101 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059904.D

Acq: 29 Jan 2020 12:03

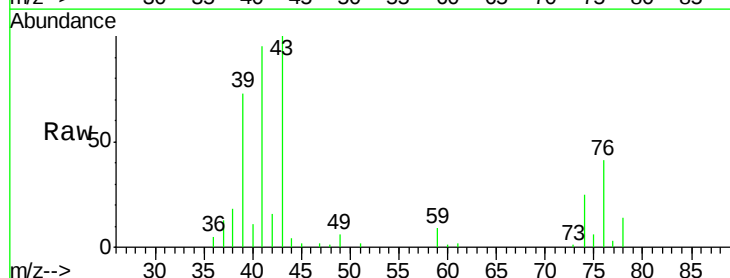
Tgt Ion: 41 Resp: 45588

Ion Ratio Lower Upper

41 100

39 80.9 57.8 86.8

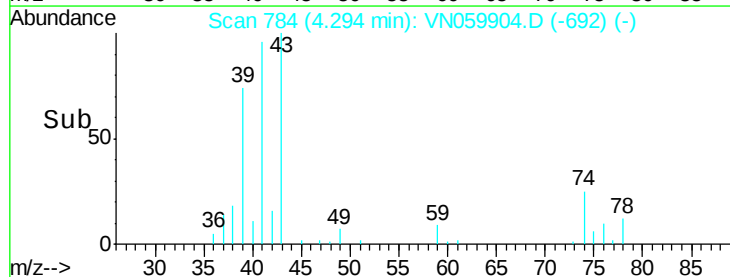
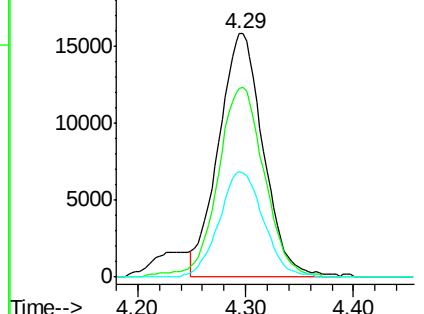
76 42.9 25.4 38.0#

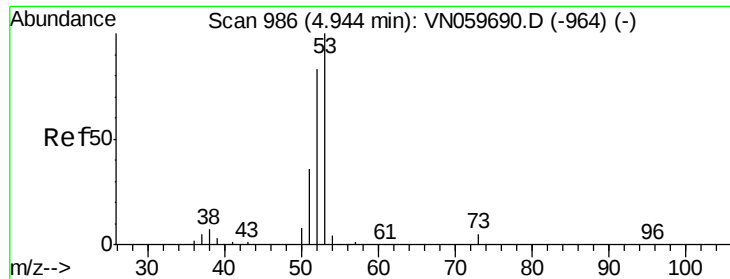


Abundance Ion 41.00 (40.70 to 41.70): VN059904.D (-692) (-)

Ion 39.00 (38.70 to 39.70): VN059904.D (-692) (-)

Ion 75.90 (75.60 to 76.60): VN059904.D (-692) (-)





#15

Acrylonitrile

Concen: 98.100 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN059904.D

Acq: 29 Jan 2020 12:03

Instrument :

MSVOA_N

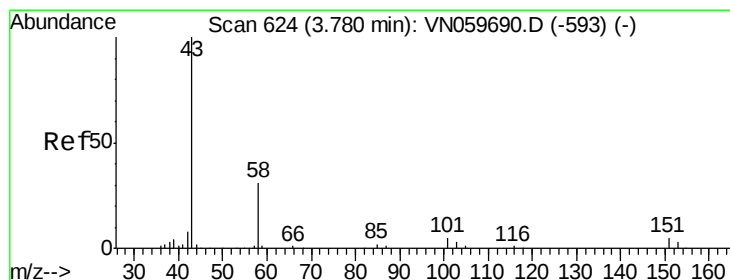
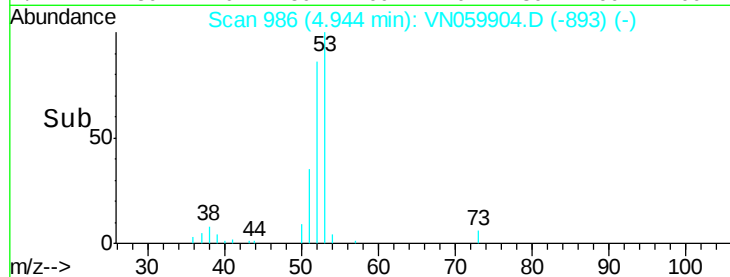
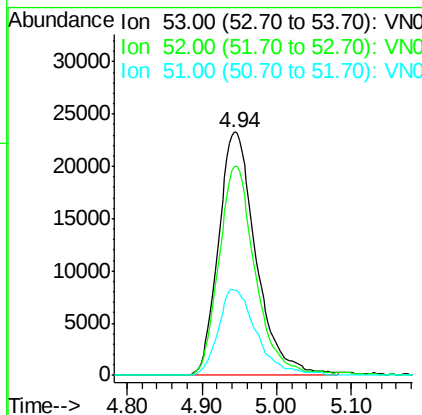
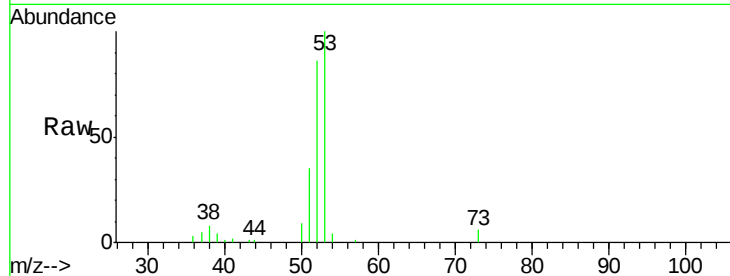
ClientSampleId :

VN0129WBSD01

Tot Ion:	53	Resp:	80969
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.3	99.5
51	36.1	29.7	44.5

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#16

Acetone

Concen: 123.157 ug/l

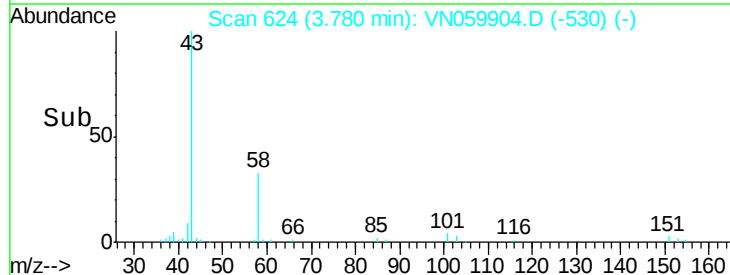
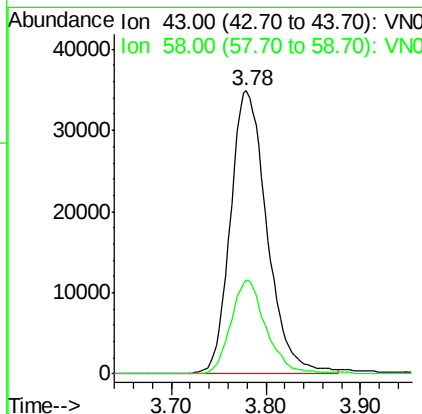
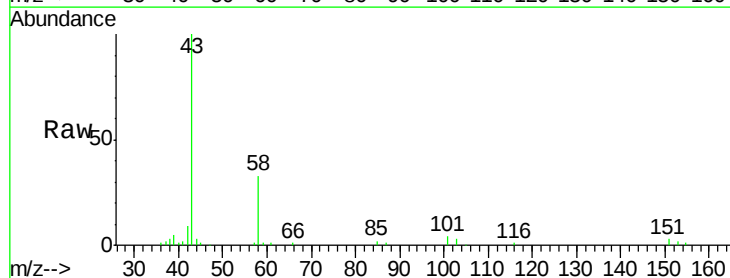
RT: 3.78 min Scan# 624

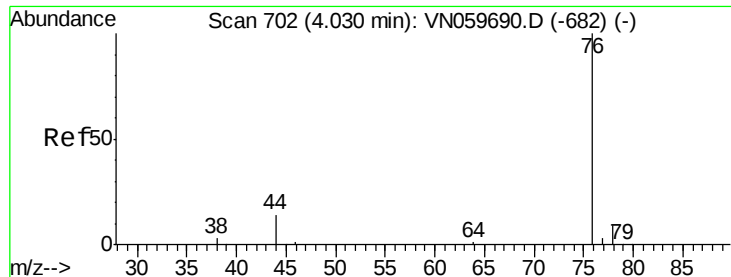
Delta R.T. 0.00 min

Lab File: VN059904.D

Acq: 29 Jan 2020 12:03

Tgt Ion:	43	Resp:	94008
Ion Ratio	Lower	Upper	
43	100		
58	33.0	23.6	35.4





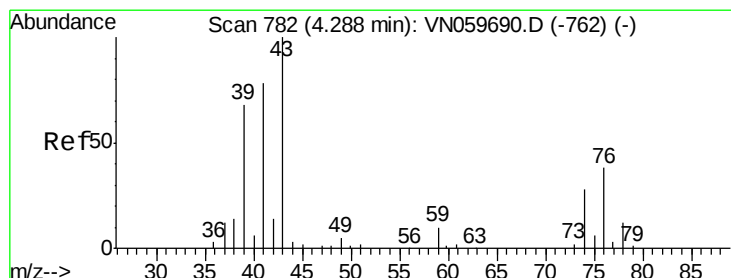
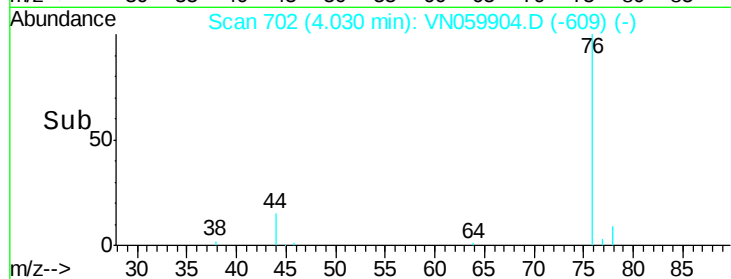
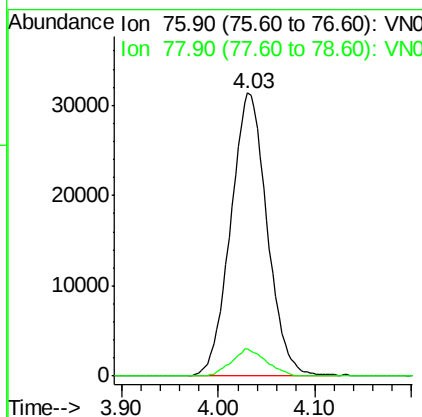
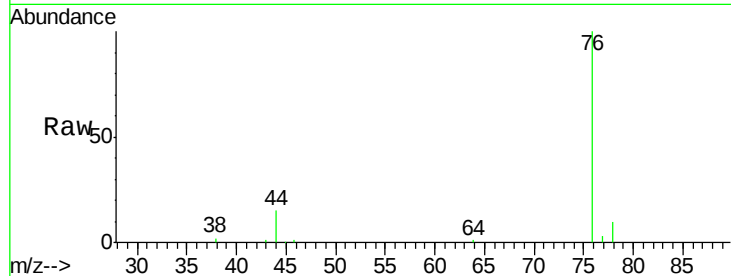
#17
Carbon Disulfide
Concen: 16.278 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01

Tot Ion: 76 Resp: 82112
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0

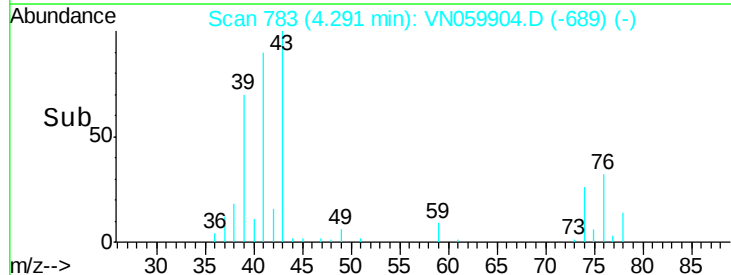
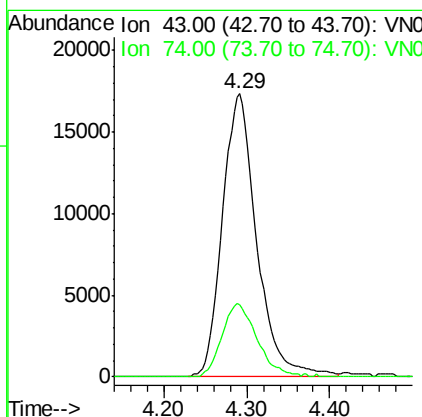
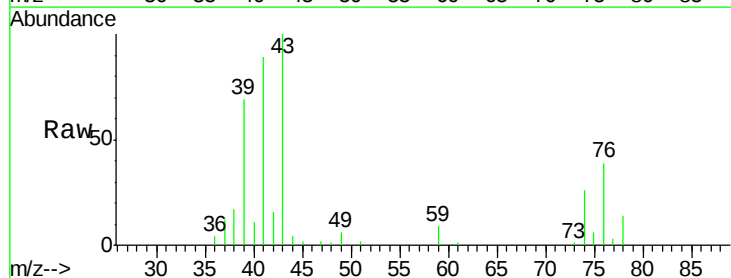
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#18
Methyl Acetate
Concen: 19.849 ug/l
RT: 4.29 min Scan# 783
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Tgt Ion: 43 Resp: 49833
Ion Ratio Lower Upper
43 100
74 26.4 17.5 26.3#





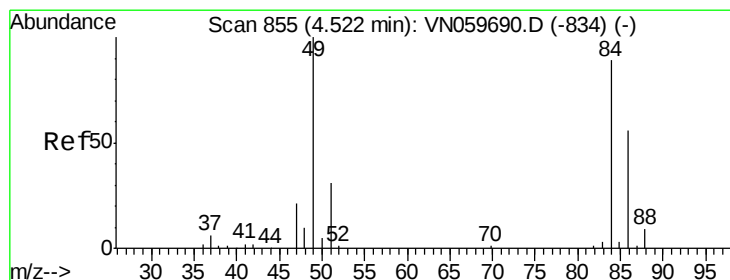
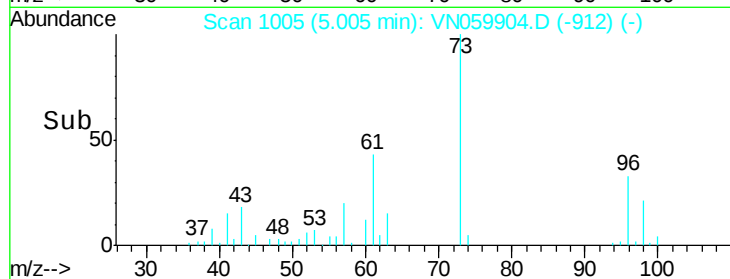
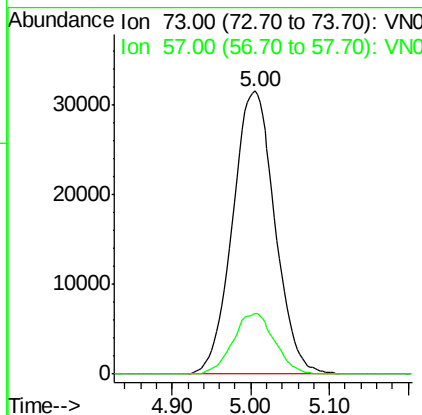
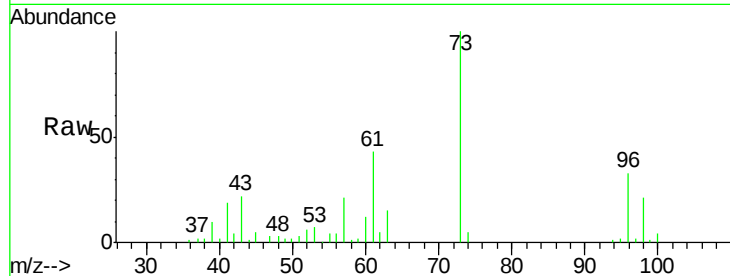
#19
Methyl tert-butyl Ether
Concen: 20.537 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampled :
VN0129WBSD01

Tot Ion: 73 Resp: 118567
Ion Ratio Lower Upper
73 100
57 21.4 18.6 27.8

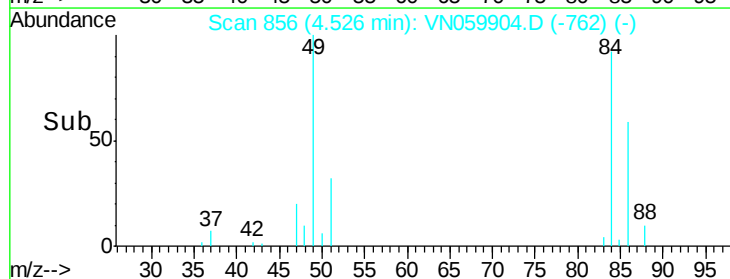
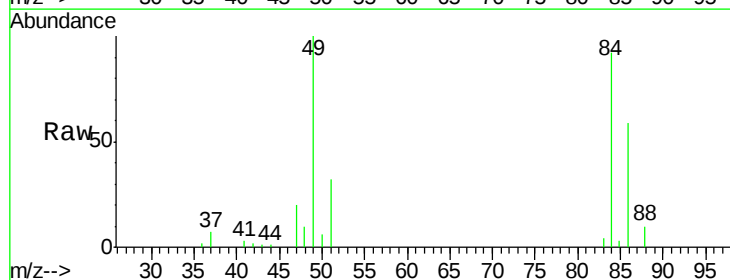
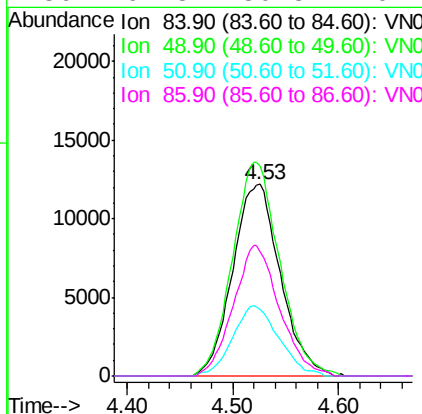
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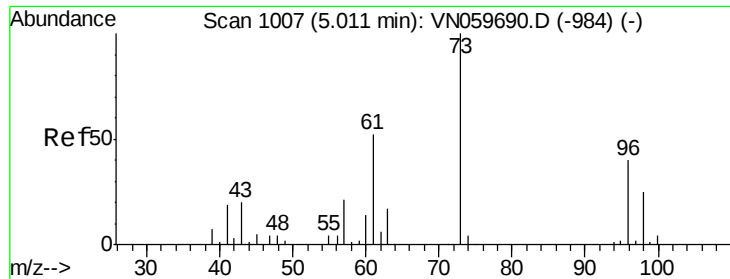
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#20
Methylene Chloride
Concen: 18.844 ug/l
RT: 4.53 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Tgt Ion: 84 Resp: 38212
Ion Ratio Lower Upper
84 100
49 109.1 106.6 160.0
51 34.5 31.9 47.9
86 64.8 50.8 76.2





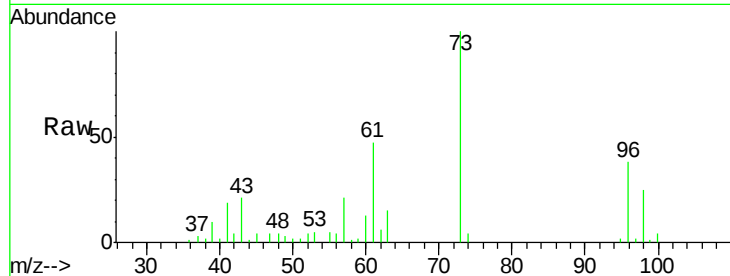
#21
trans-1,2-Dichloroethene
Concen: 18.882 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampled :
VN0129WBSD01

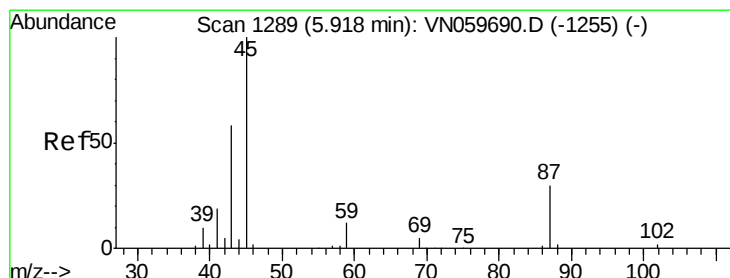
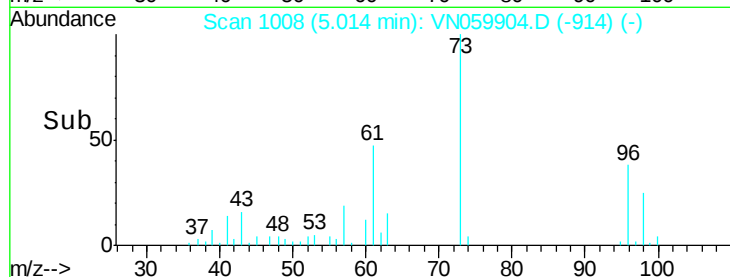
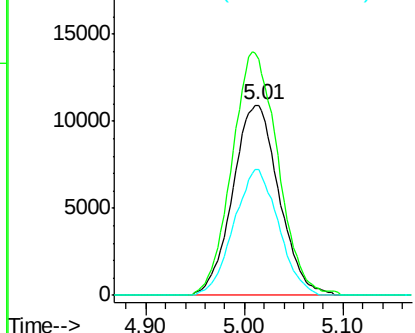
Tot Ion	Ratio	Lower	Upper
96	100		
61	124.1	120.4	180.6
98	66.4	50.6	75.8

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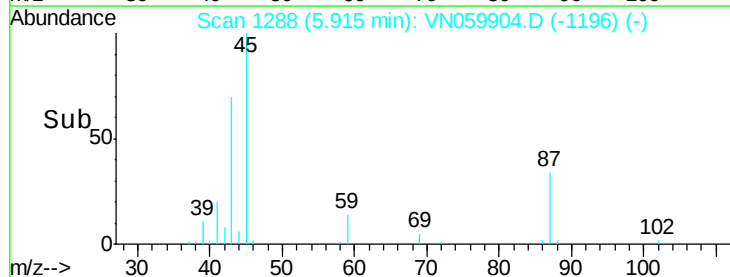
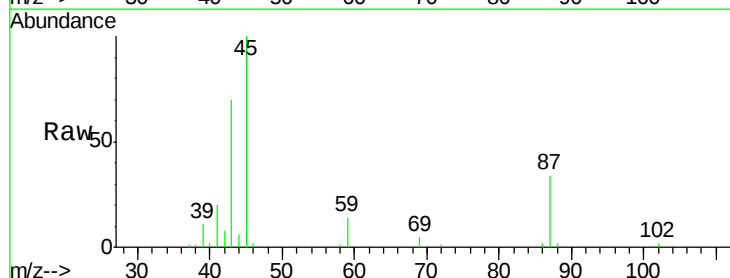
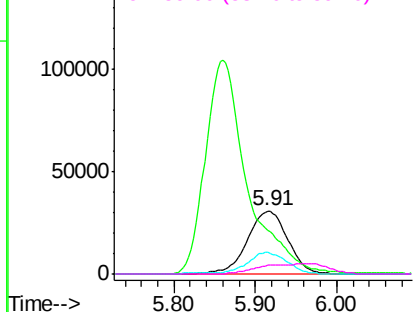
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

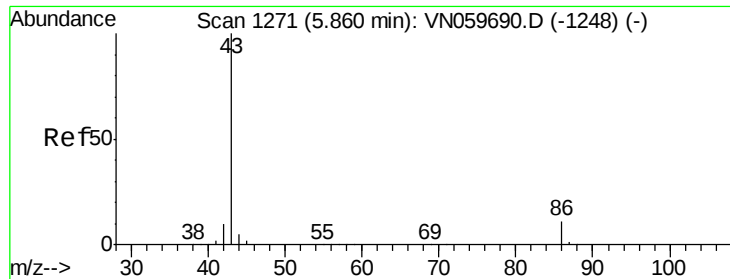


#22
Diisopropyl ether
Concen: 19.524 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
45	100		
43	66.7	50.8	76.2
87	34.0	21.0	31.6
59	13.5	9.1	13.7

Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





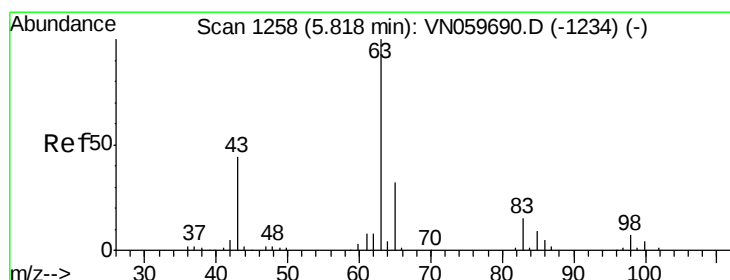
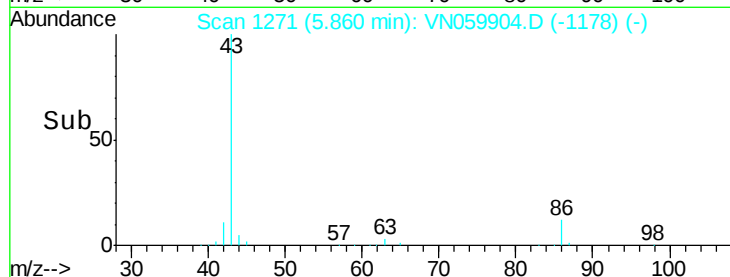
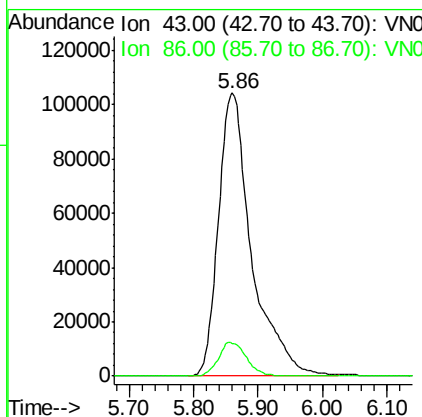
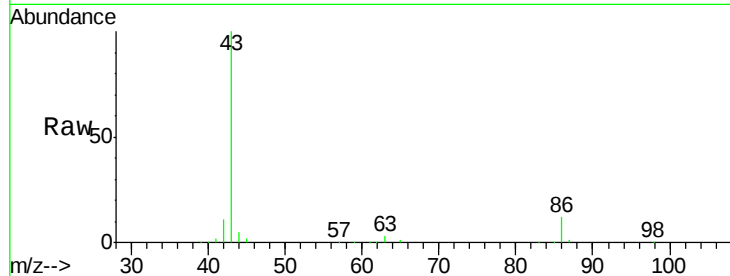
#23
 Vinyl Acetate
 Concen: 89.362 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VN059904.D
 Acq: 29 Jan 2020 12:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0129WBSD01

Tot Ion: 43 Resp: 374220
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.6 11.4#

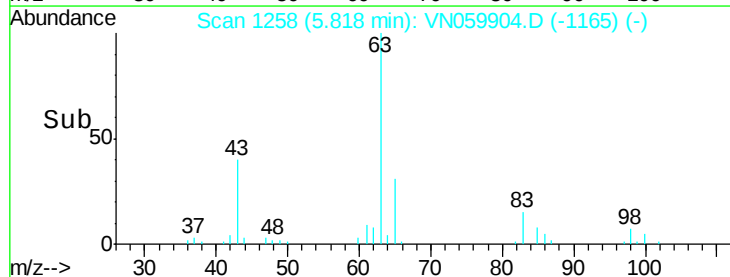
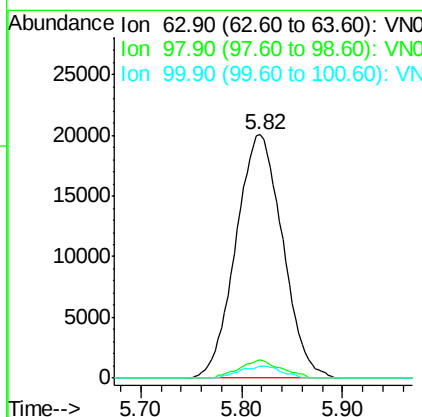
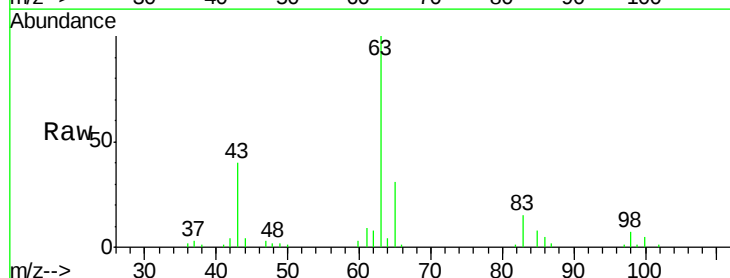
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#24
 1,1-Dichloroethane
 Concen: 19.478 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: VN059904.D
 Acq: 29 Jan 2020 12:03

Tgt Ion: 63 Resp: 64371
 Ion Ratio Lower Upper
 63 100
 98 7.4 2.9 8.7
 100 4.7 2.0 6.0





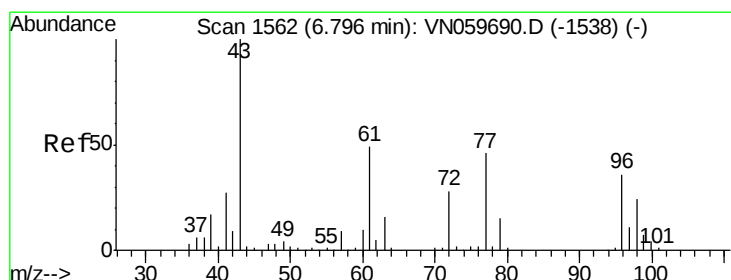
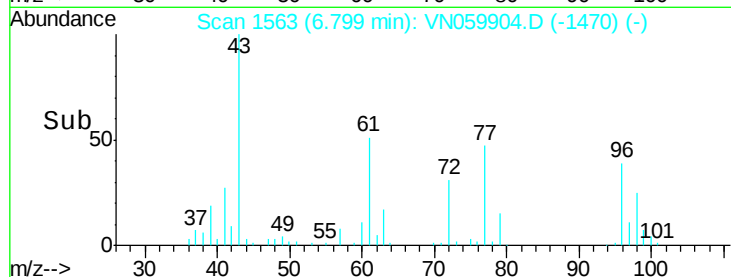
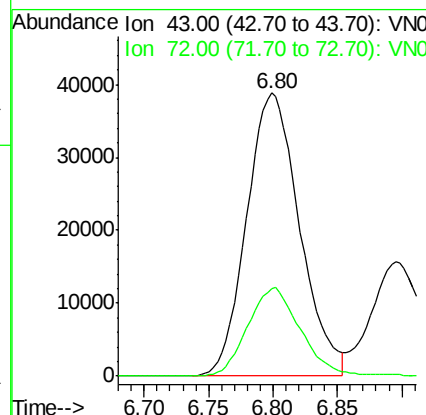
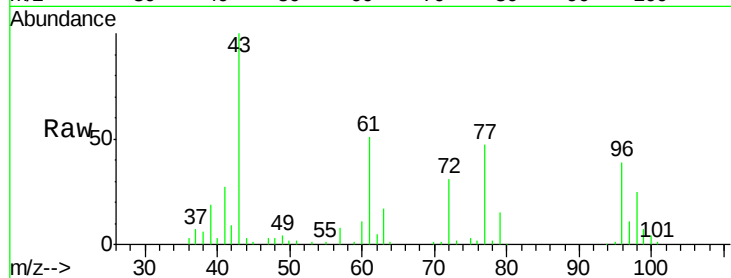
#25
2-Butanone
Concen: 91.237 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01

Tot Ion: 43 Resp: 111051
Ion Ratio Lower Upper
43 100
72 30.9 19.9 29.9#

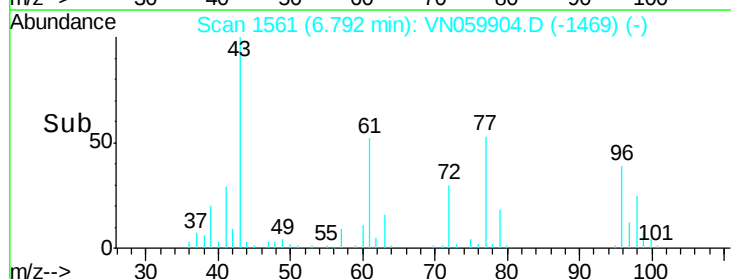
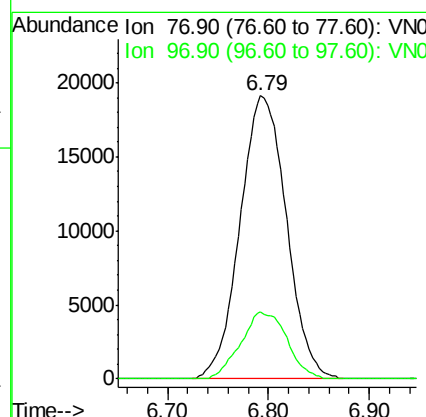
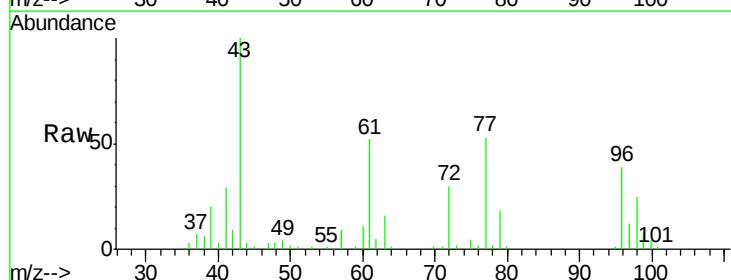
Manual Integrations
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#26
2,2-Dichloropropane
Concen: 19.191 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Tgt Ion: 77 Resp: 60975
Ion Ratio Lower Upper
77 100
97 23.6 10.7 31.9





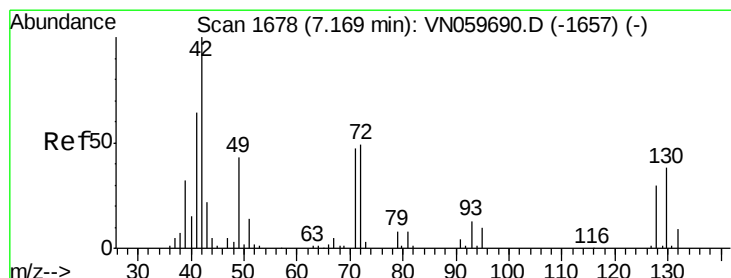
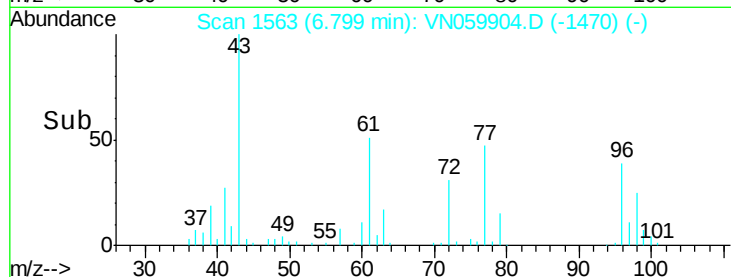
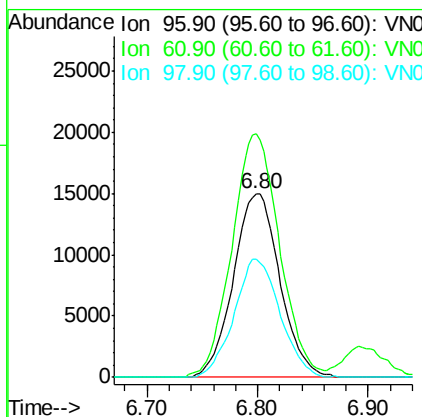
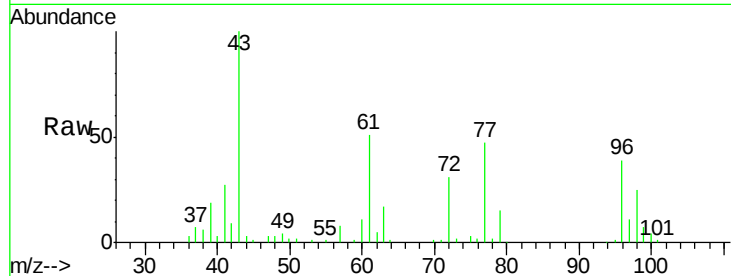
#27
 cis-1,2-Dichloroethene
 Concen: 20.192 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VN059904.D
 Acq: 29 Jan 2020 12:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0129WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.6	0.0	317.6
98	63.7	0.0	127.0

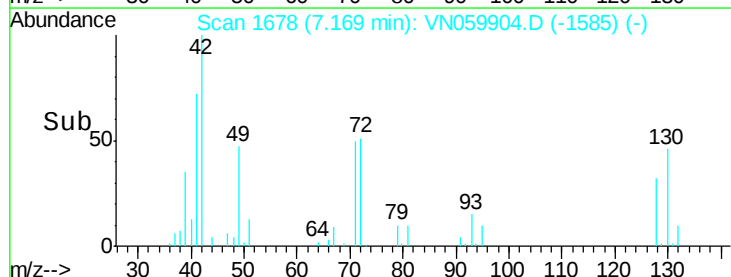
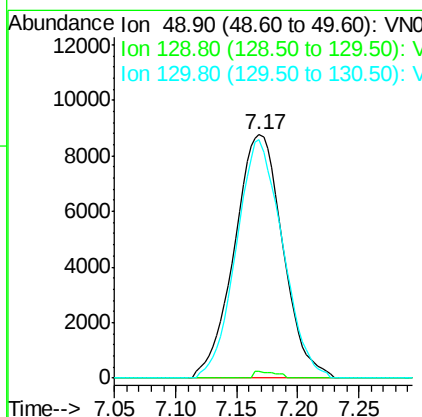
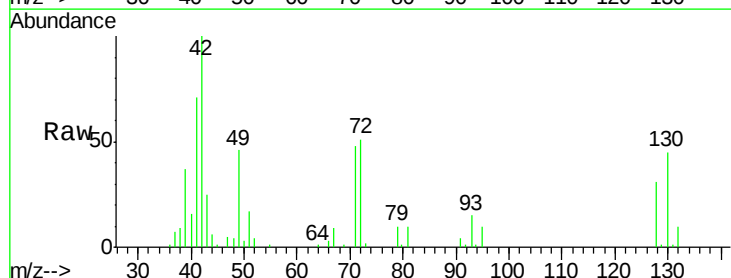
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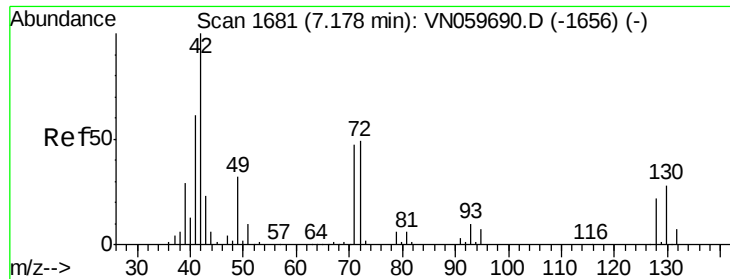
MMDadoda
 1/30/2020 10:22:13 AM



#28
 Bromochloromethane
 Concen: 18.228 ug/l
 RT: 7.17 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: VN059904.D
 Acq: 29 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.4
130	93.6	54.7	82.1#





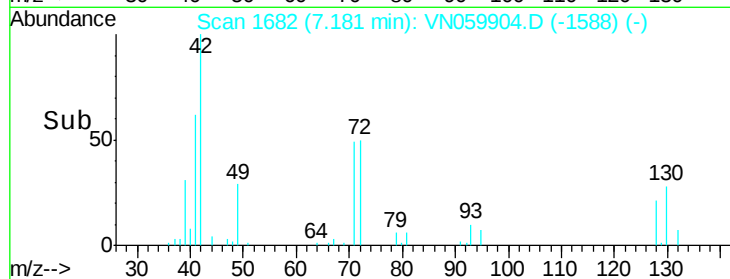
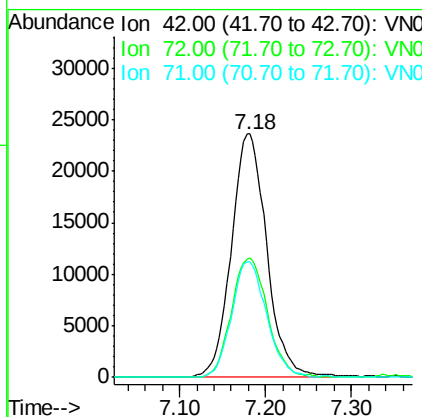
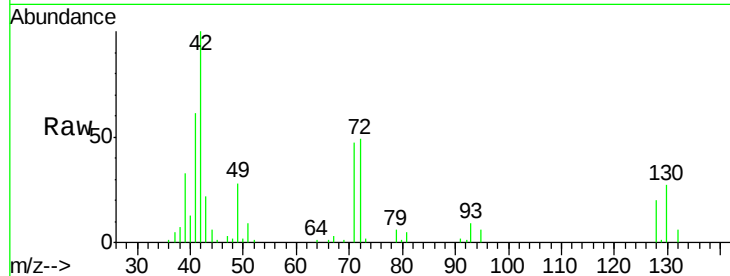
#29
Tetrahydrofuran
Concen: 89.698 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.7	33.1	49.7#
71	46.9	31.4	47.0

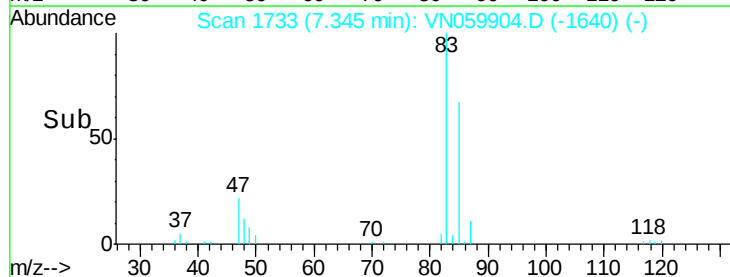
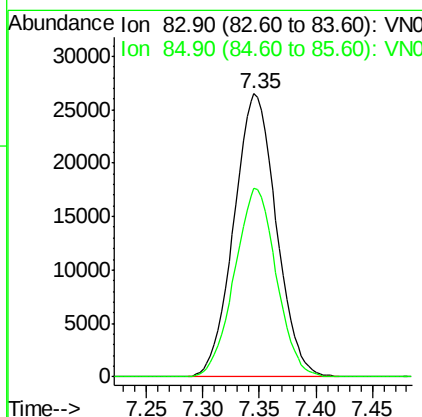
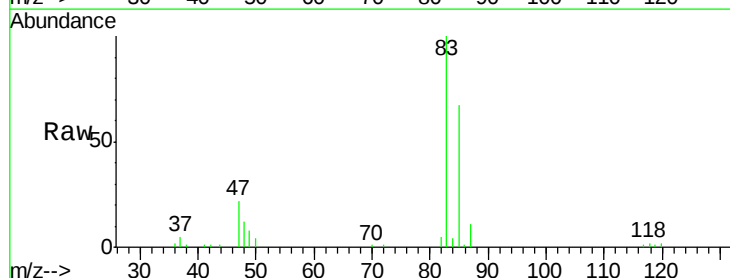
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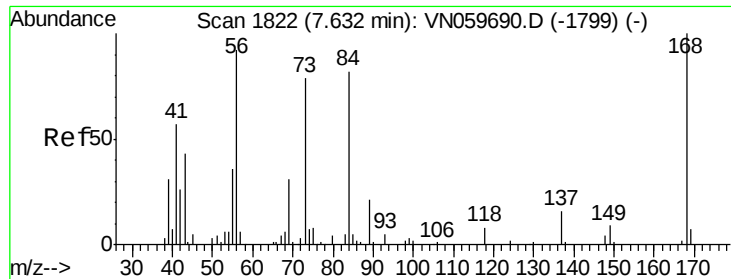
MMDadoda
1/30/2020 10:22:13 AM



#30
Chloroform
Concen: 20.168 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.6	52.4	78.6





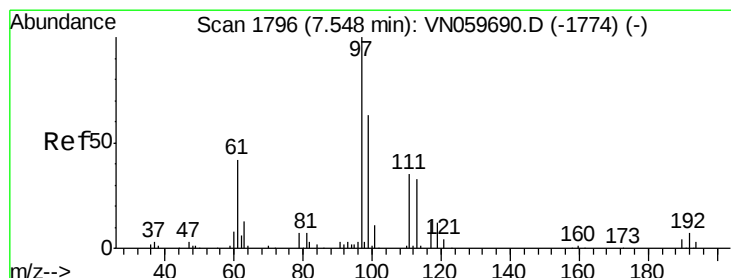
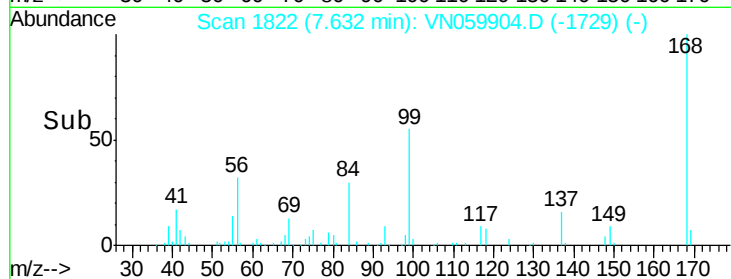
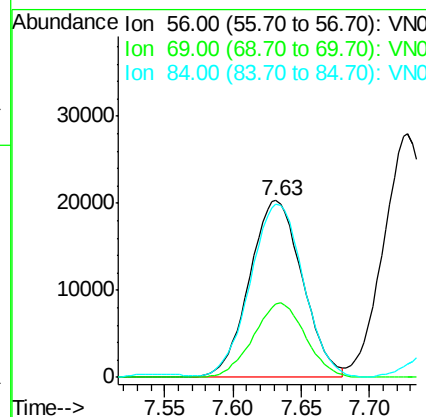
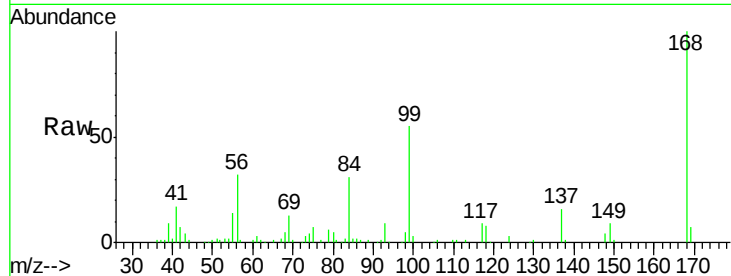
#31
Cyclohexane
Concen: 17.246 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampled :
VN0129WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	41.3	26.5	39.7#
84	97.1	65.3	97.9

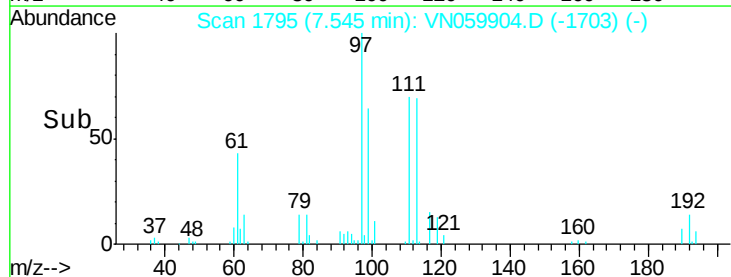
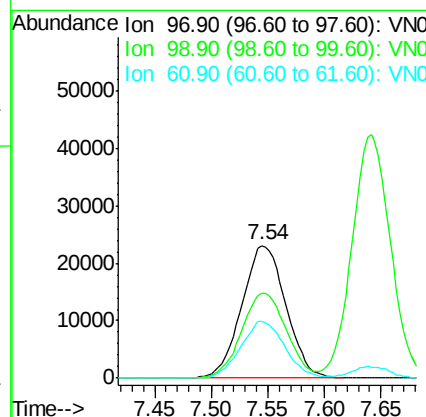
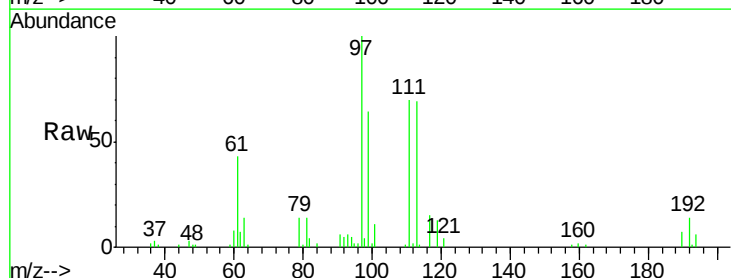
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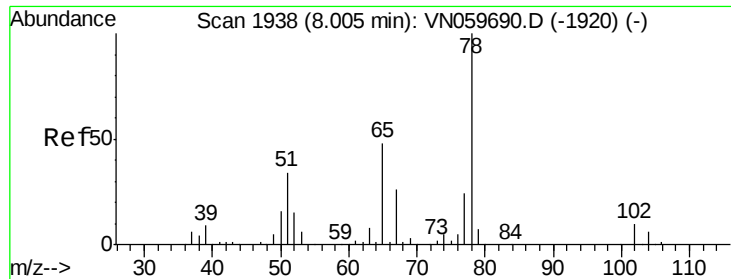
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#32
1,1,1-Trichloroethane
Concen: 19.765 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.0	76.4
61	42.9	38.5	57.7





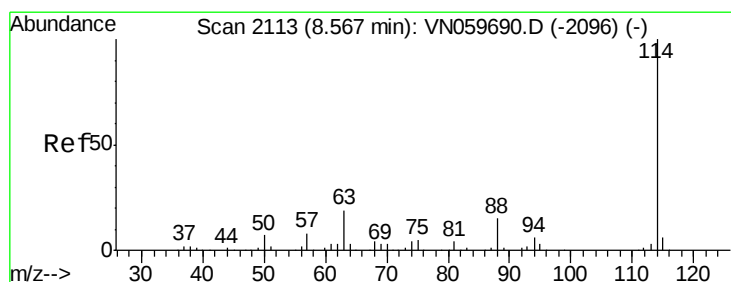
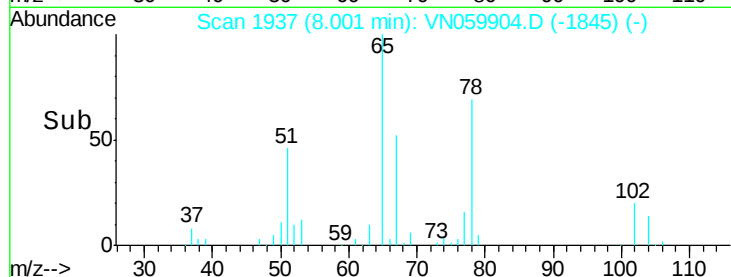
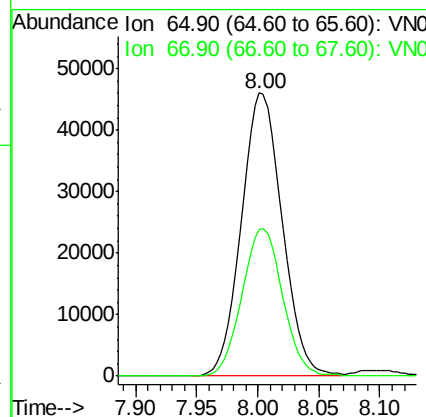
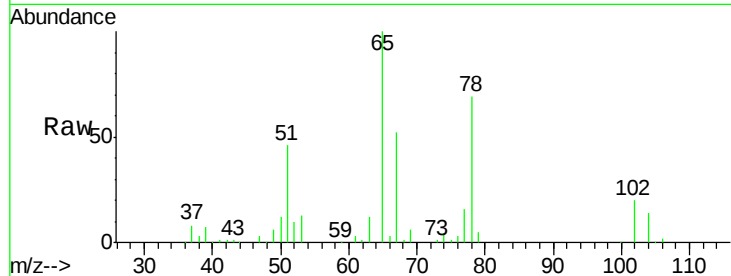
#33
 1,2-Dichloroethane-d4
 Concen: 49.659 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059904.D
 Acq: 29 Jan 2020 12:03

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0129WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.8	0.0	103.0	

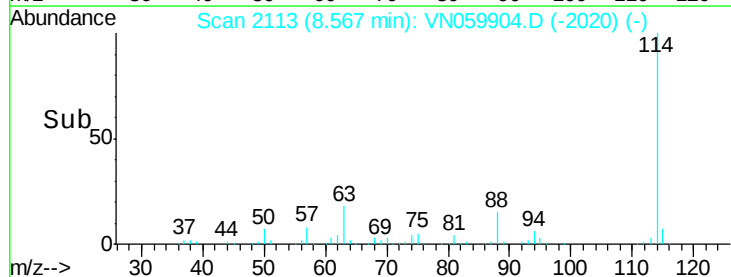
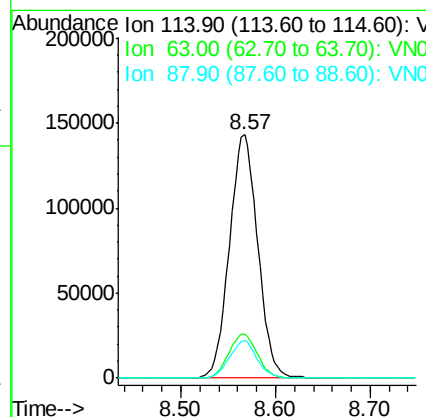
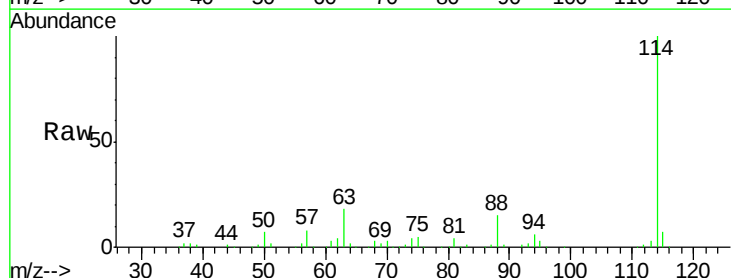
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059904.D
 Acq: 29 Jan 2020 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.3	0.0	43.6	
88	15.3	0.0	31.4	





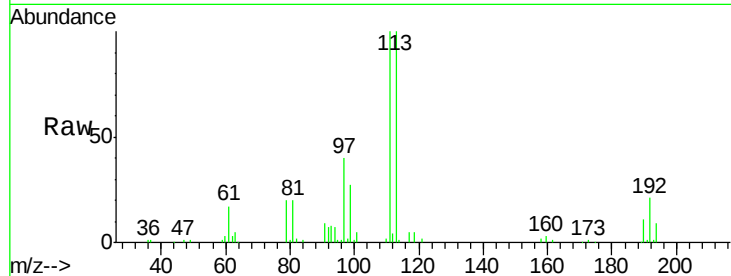
#35
 Dibromofluoromethane
 Concen: 50.507 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059904.D
 Acq: 29 Jan 2020 12:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0129WBSD01

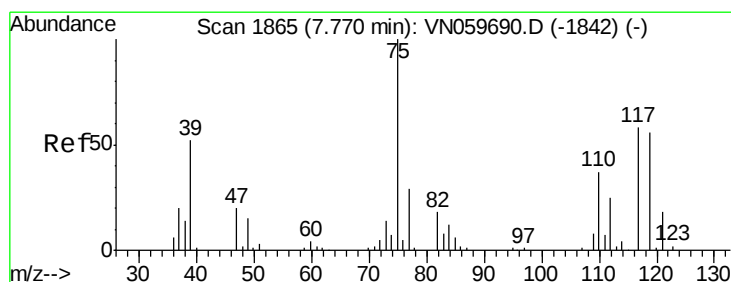
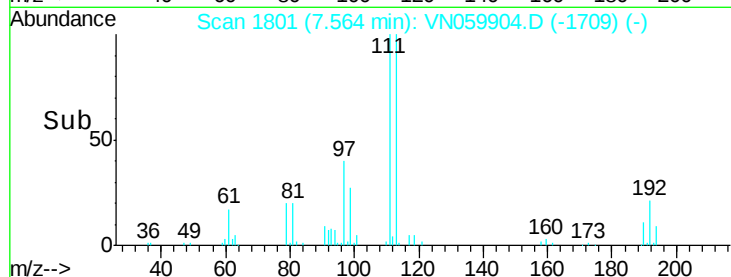
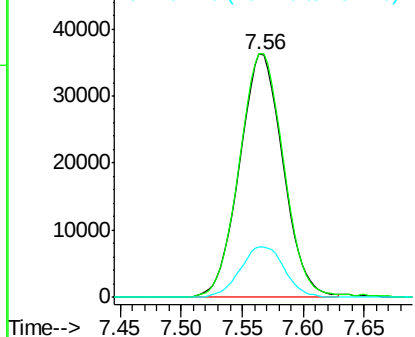
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.5	125.3
192	21.0	15.4	23.2

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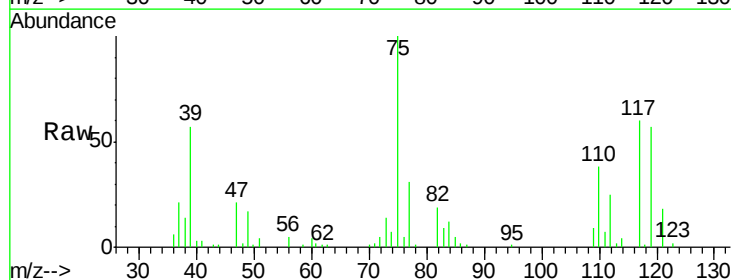


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

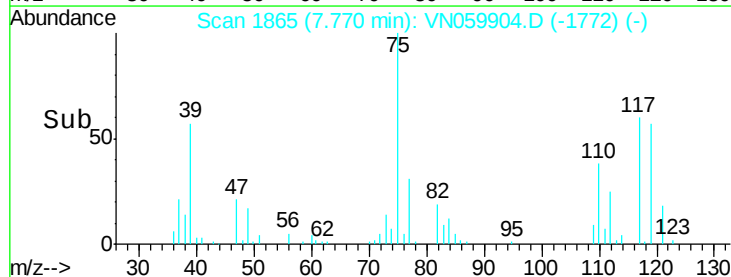
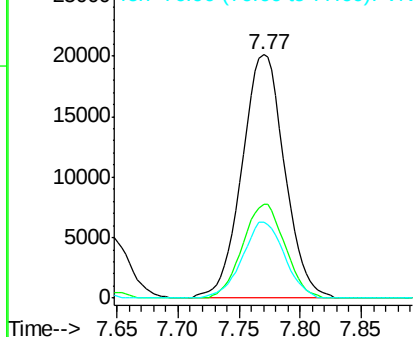


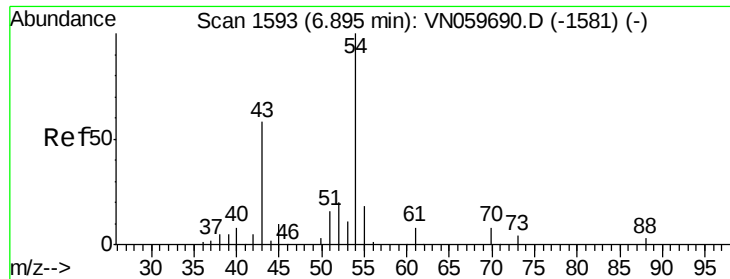
#36
 1,1-Dichloropropene
 Concen: 18.787 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059904.D
 Acq: 29 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.2	16.6	49.7
77	30.9	25.1	37.7



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





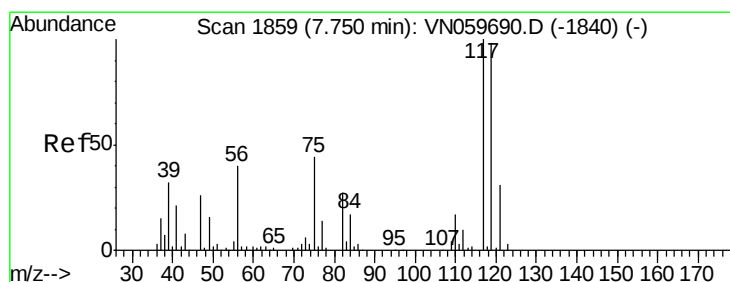
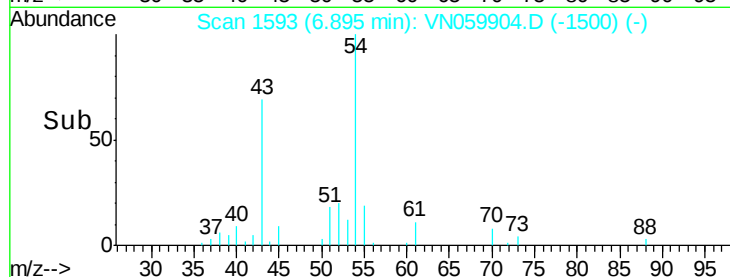
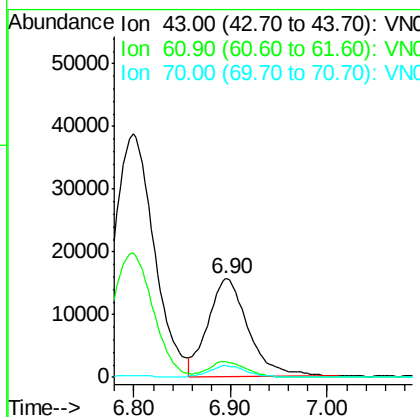
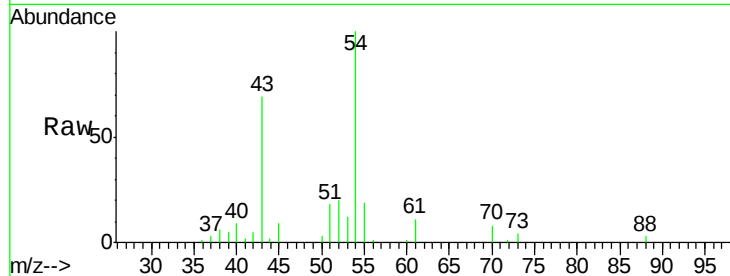
#37
Ethyl Acetate
Concen: 18.582 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampled :
VN0129WBSD01

Tot Ion	43	61	70
Resp	45135	15.0	11.1
Lower		10.9	7.7
Upper		16.3	11.5

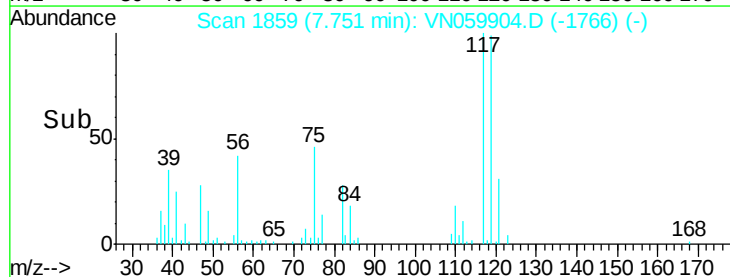
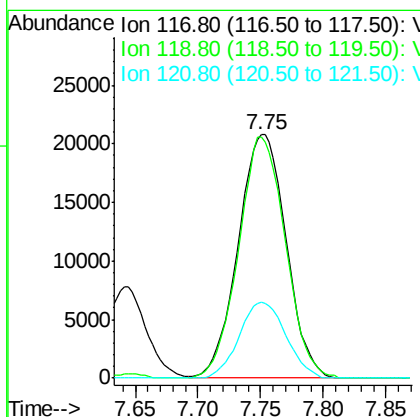
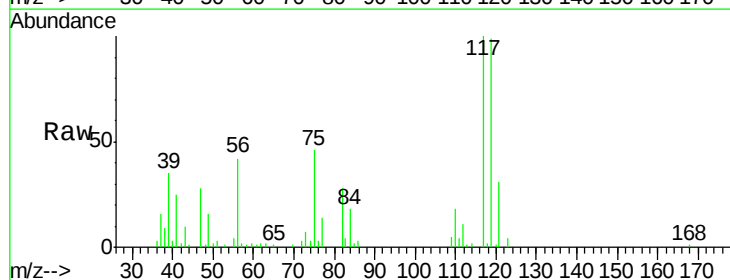
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#38
Carbon Tetrachloride
Concen: 19.596 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Tgt Ion	117	119	121
Resp	55204	99.0	31.2
Lower		76.5	25.1
Upper		114.7	37.7





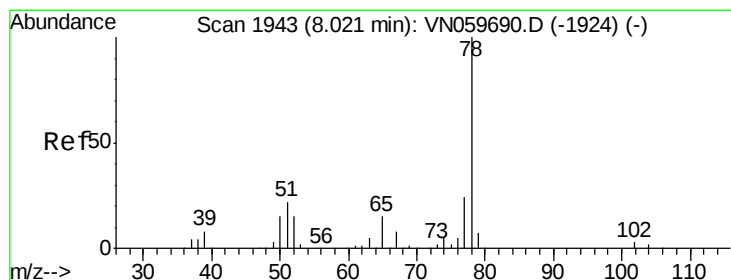
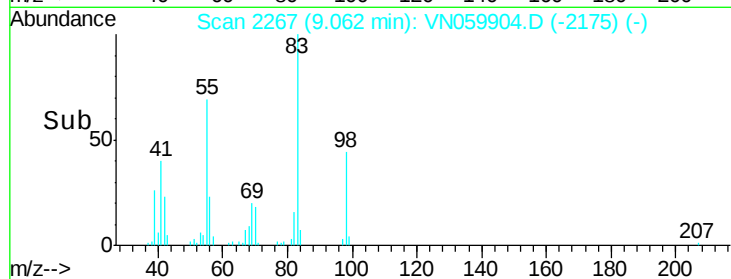
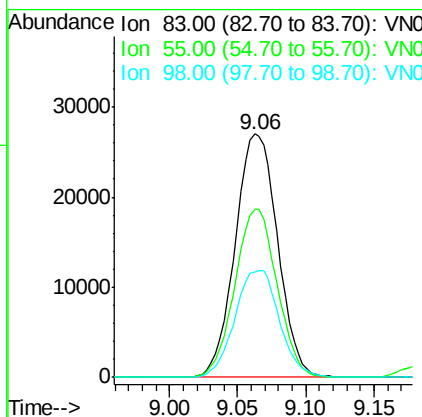
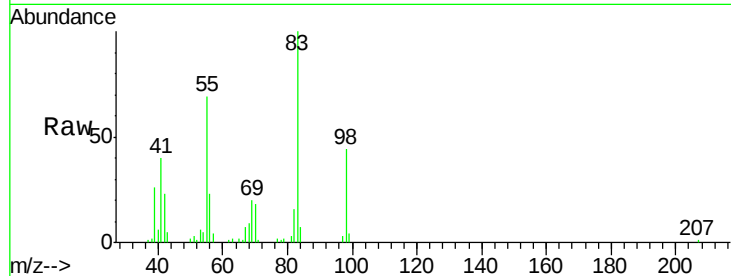
#39
Methvlcvclohexane
Concen: 18.302 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01

Tot Ion	83	Resp	58443
Ion Ratio	100	Lower	Upper
83	100		
55	69.2	64.2	96.2
98	43.5	35.9	53.9

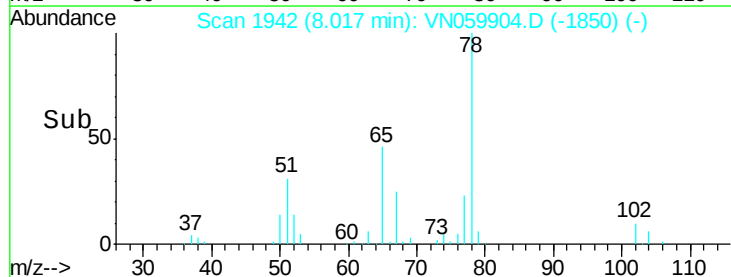
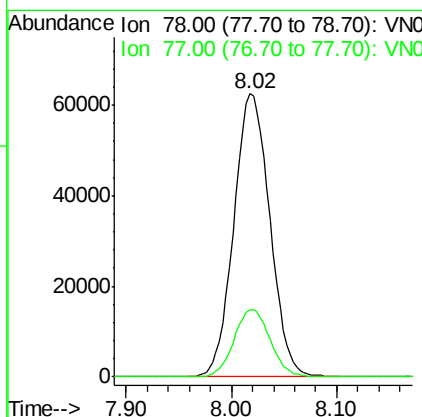
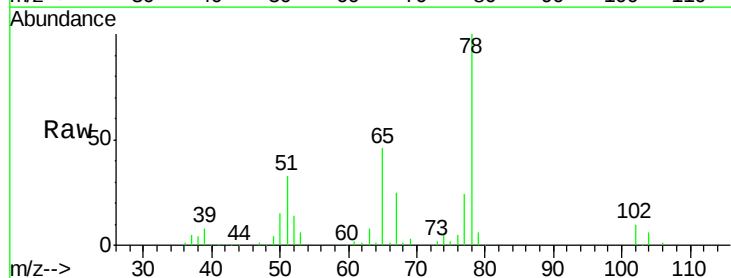
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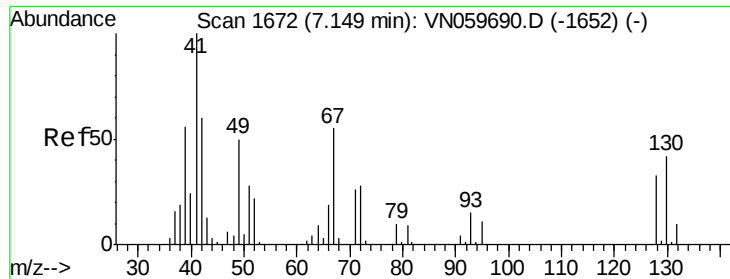
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#40
Benzene
Concen: 19.217 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Tgt Ion	78	Resp	148423
Ion Ratio	100	Lower	Upper
78	100		
77	23.5	18.9	28.3





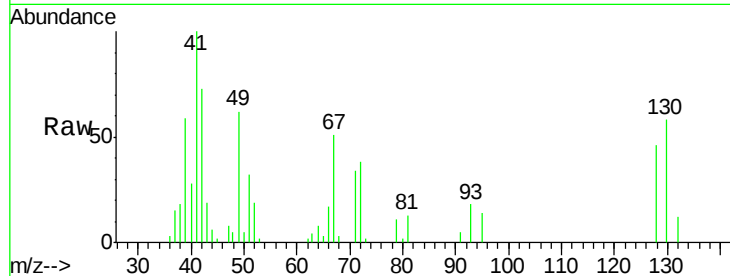
#41
Methacrylonitrile
Concen: 17.853 ug/l m
RT: 7.15 min Scan# 1673
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01

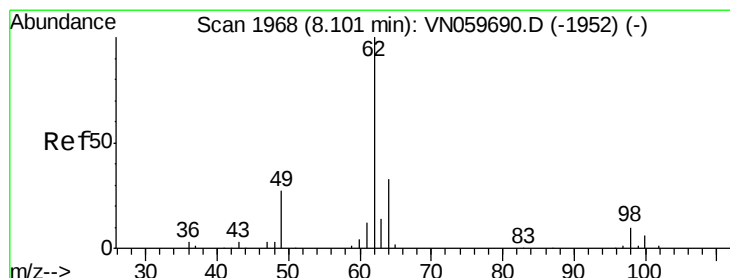
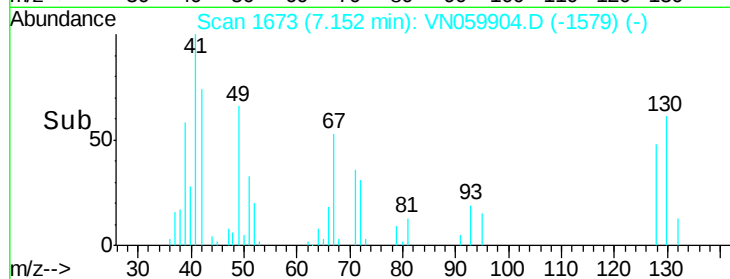
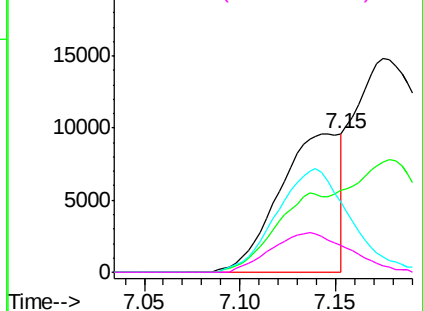
Tot Ion	41	Resp	21360
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

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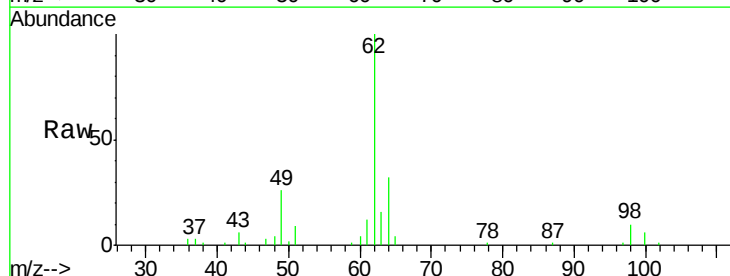


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

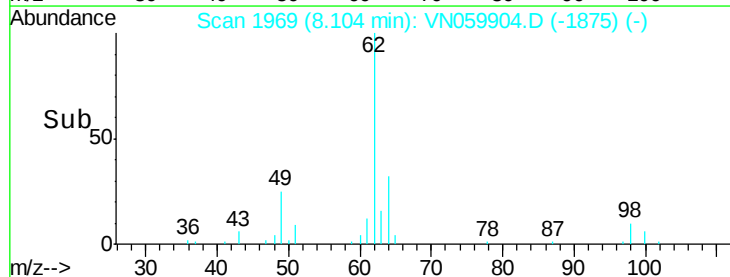
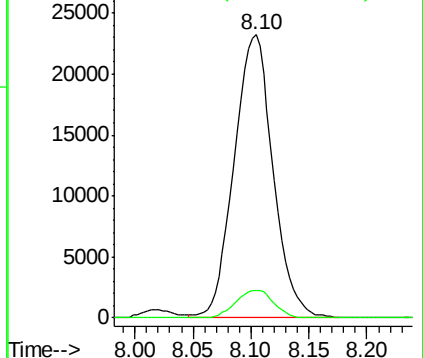


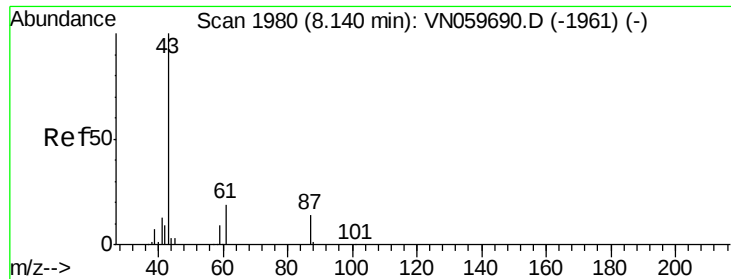
#42
1,2-Dichloroethane
Concen: 20.695 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Tgt Ion	62	Resp	54195
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	15.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 18.646 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059904.D

Acq: 29 Jan 2020 12:03

Instrument :

MSVOA_N

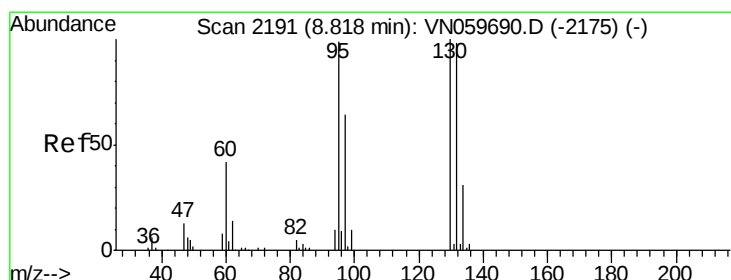
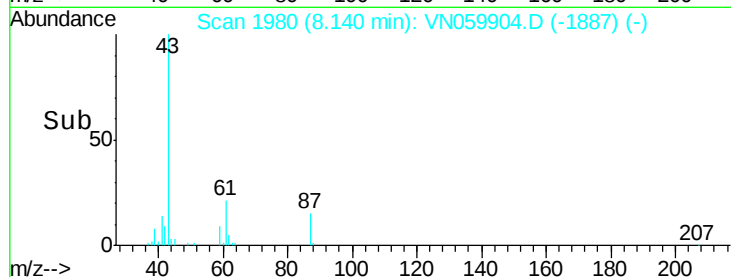
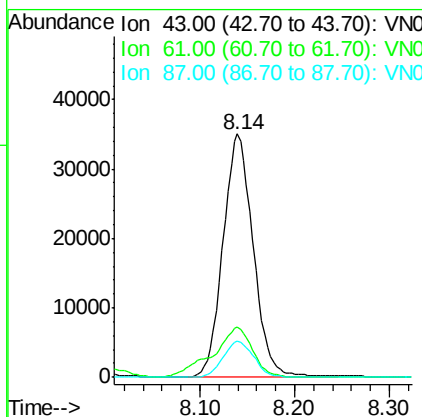
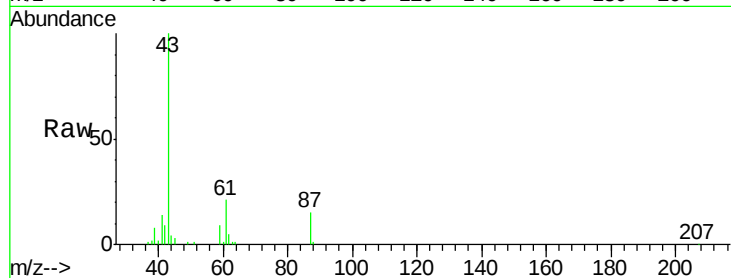
ClientSampleId :

VN0129WBSD01

Tot Ion:	43	Resp:	77903
Ion	Ratio	Lower	Upper
43	100		
61	27.2	20.2	30.2
87	14.8	9.5	14.3#

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#44

Trichloroethene

Concen: 21.083 ug/l

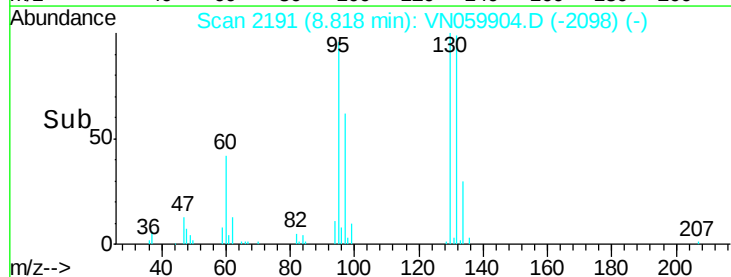
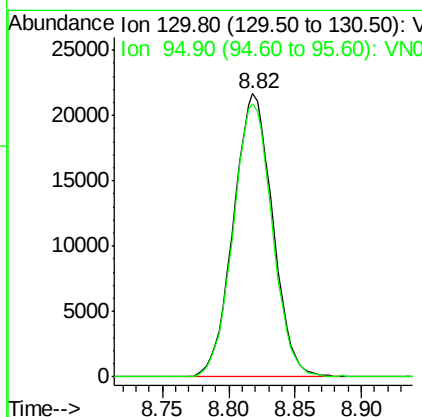
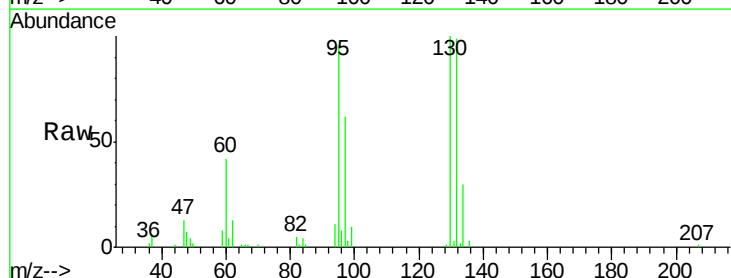
RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059904.D

Acq: 29 Jan 2020 12:03

Tgt Ion:	130	Resp:	44453
Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	207.0





#45

1,2-Dichloropropane

Concen: 20.347 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN059904.D

Acq: 29 Jan 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBSD01

Tot Ion: 63 Resp: 38888

Ion Ratio Lower Upper

63 100

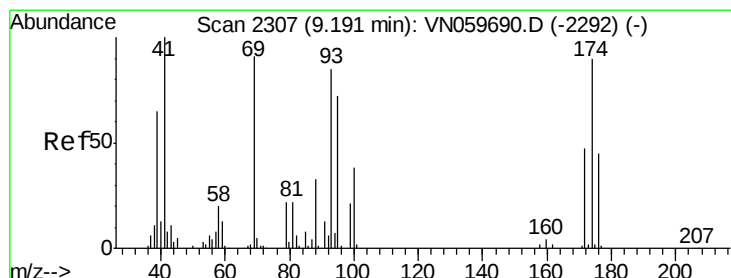
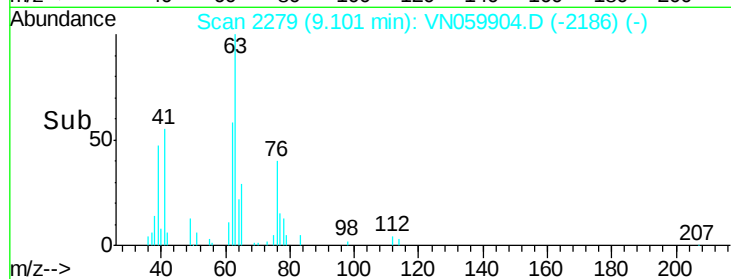
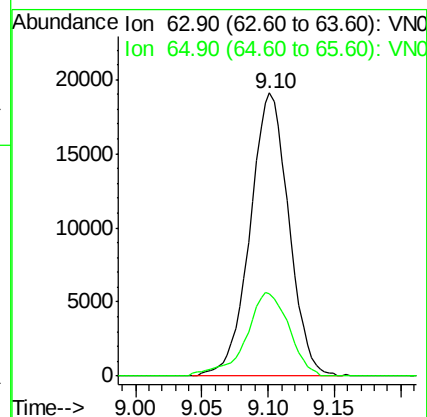
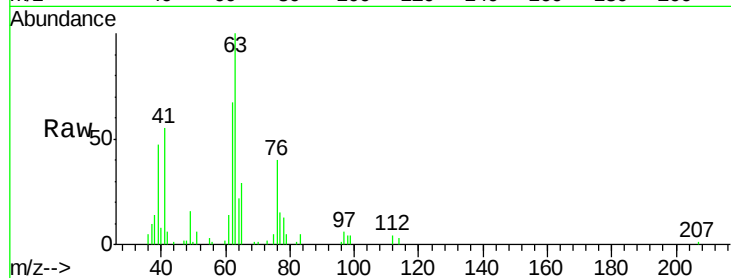
65 29.2 24.9 37.3

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#46

Dibromomethane

Concen: 20.837 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN059904.D

Acq: 29 Jan 2020 12:03

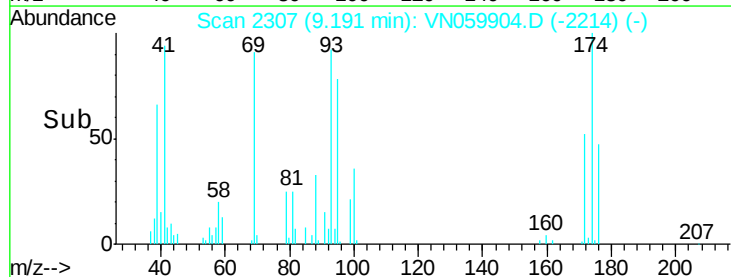
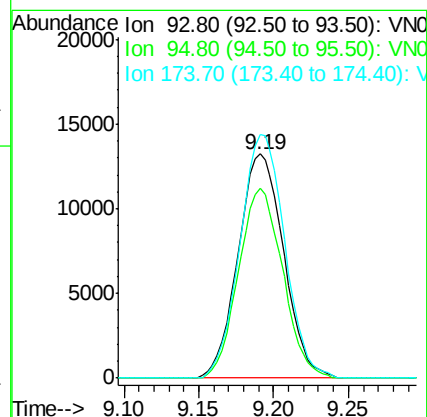
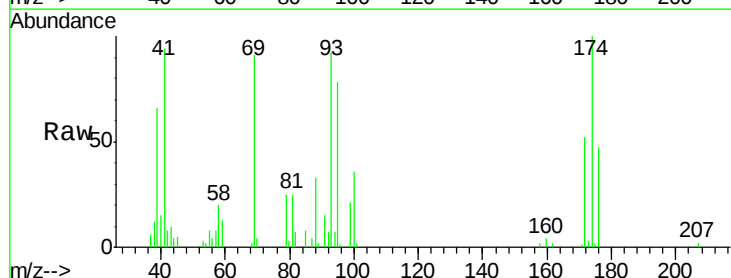
Tgt Ion: 93 Resp: 28093

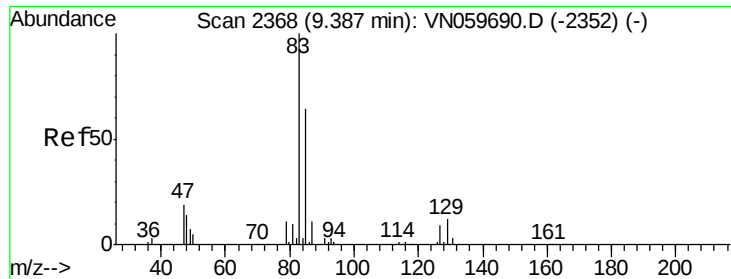
Ion Ratio Lower Upper

93 100

95 81.9 67.0 100.6

174 106.3 73.4 110.2





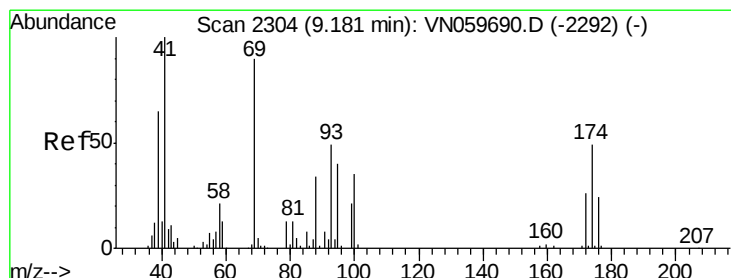
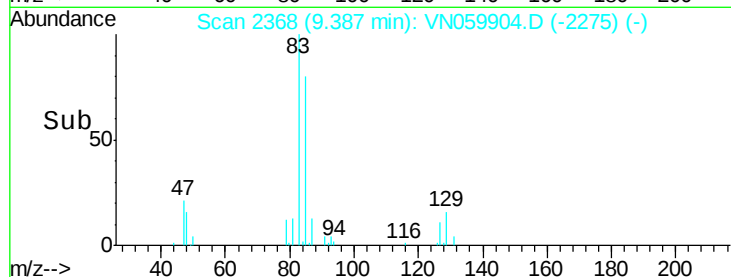
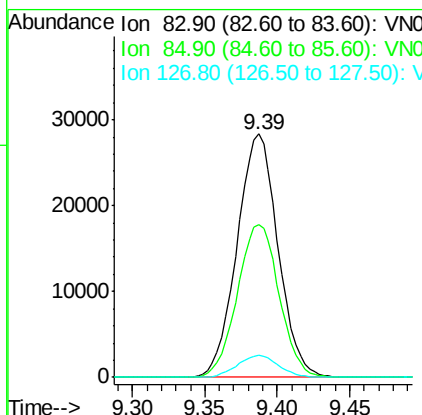
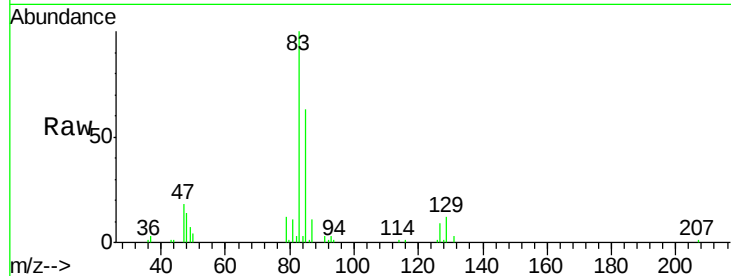
#47
Bromodichloromethane
Concen: 20.481 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01

Tot Ion	83	Resp	55643
Ion Ratio	100	Lower	Upper
83	100		
85	63.0	51.1	76.7
127	9.0	6.6	9.8

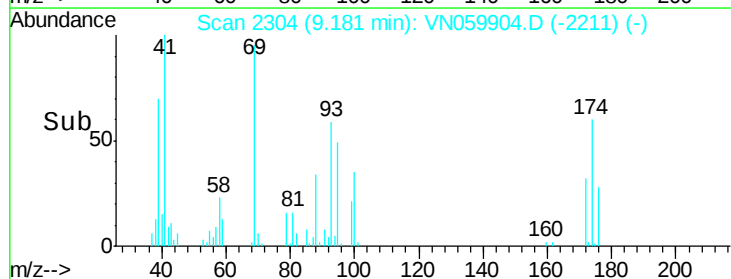
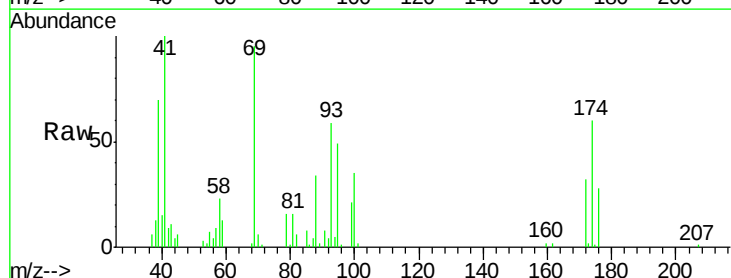
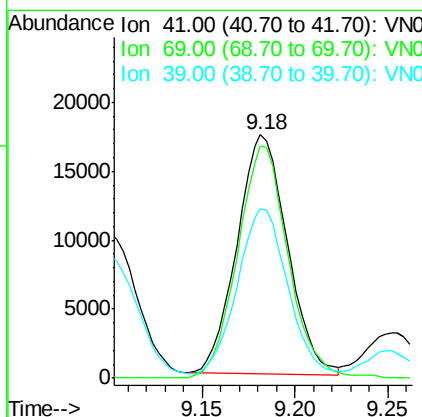
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#48
Methyl methacrylate
Concen: 17.537 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Tgt Ion	41	Resp	32773
Ion Ratio	100	Lower	Upper
41	100		
69	96.9	64.4	96.6
39	72.5	51.3	76.9





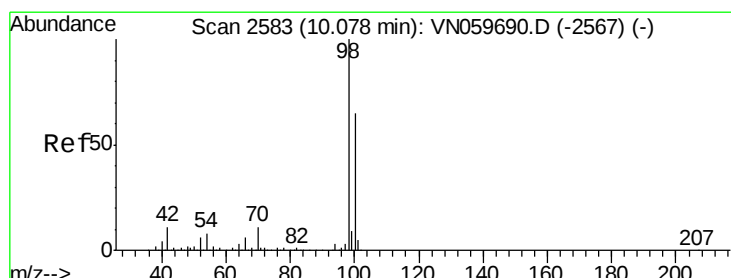
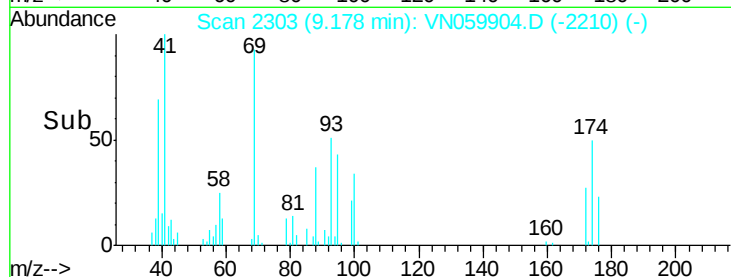
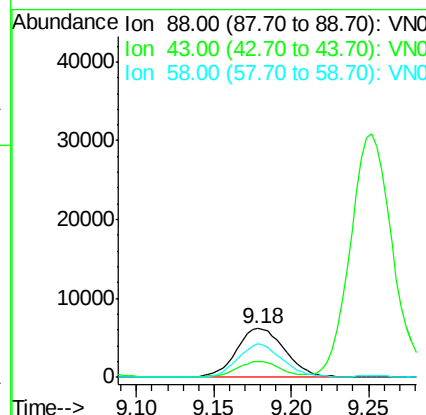
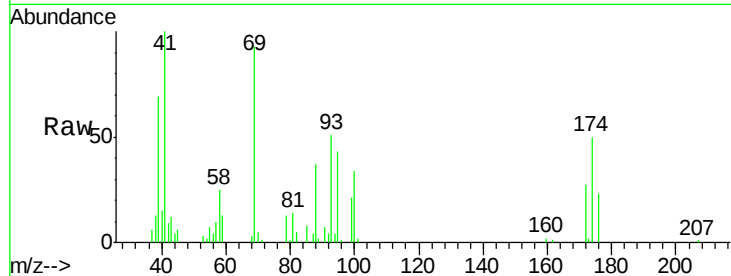
#49
1,4-Dioxane
Concen: 392.154 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.6	29.7	44.5
58	62.4	56.6	85.0

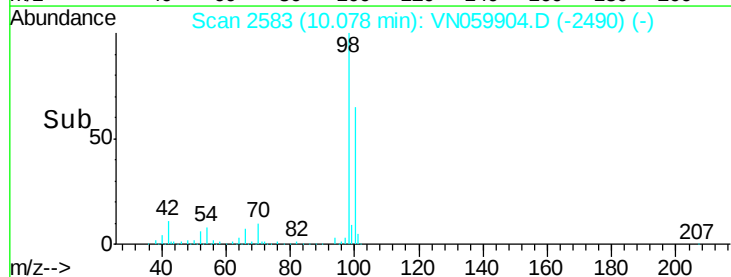
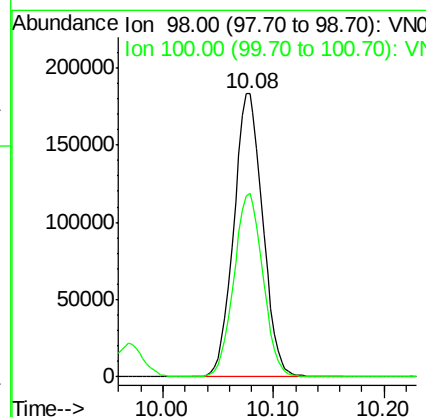
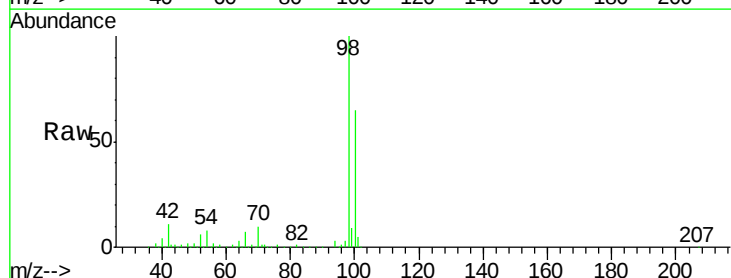
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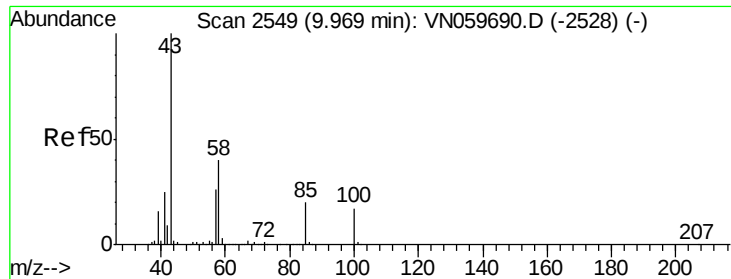
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#50
Toluene-d8
Concen: 48.539 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 92.103 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN059904.D

Acq: 29 Jan 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBSD01

Tot Ion: 43 Resp: 222445

Ion Ratio Lower Upper

43 100

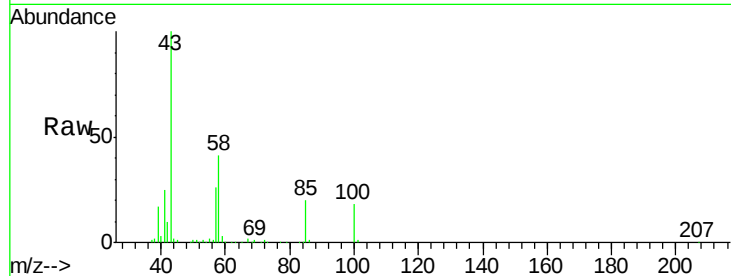
58 40.5 29.8 44.8

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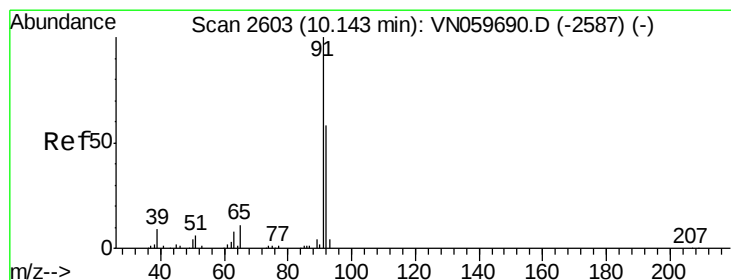
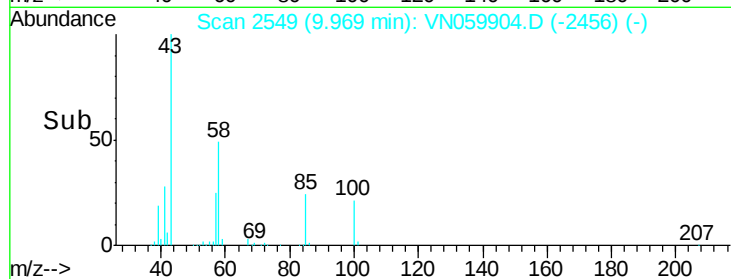
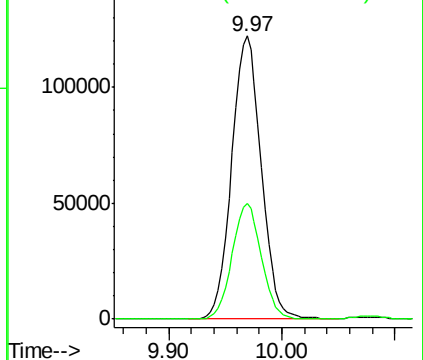
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.874 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN059904.D

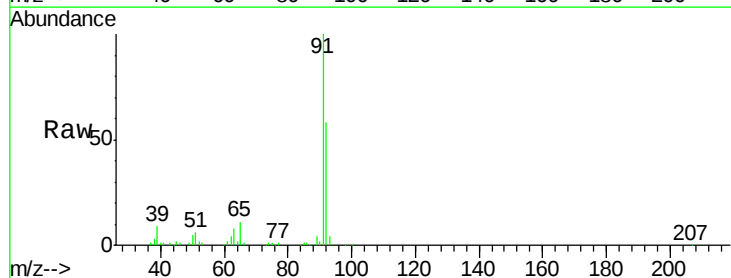
Acq: 29 Jan 2020 12:03

Tgt Ion: 92 Resp: 96957

Ion Ratio Lower Upper

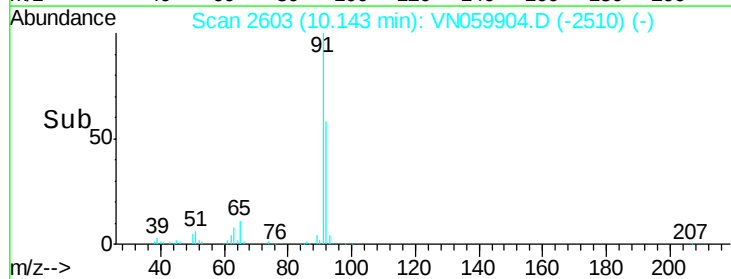
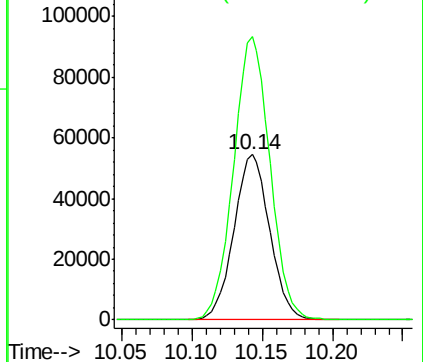
92 100

91 174.1 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





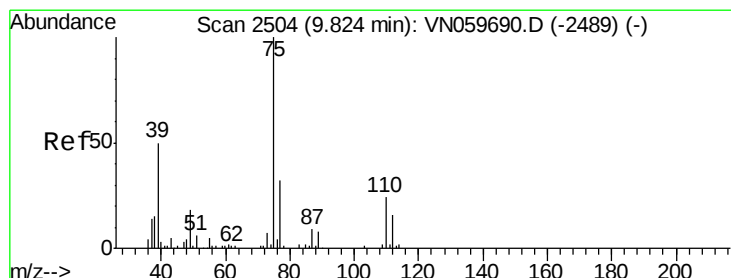
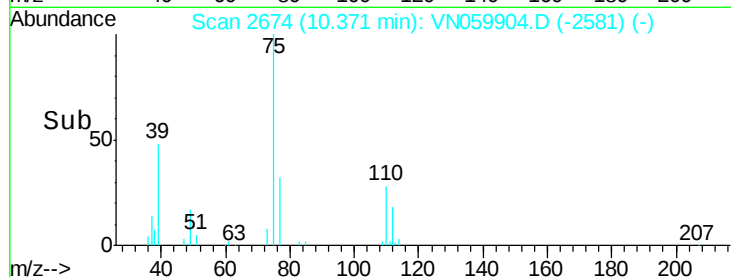
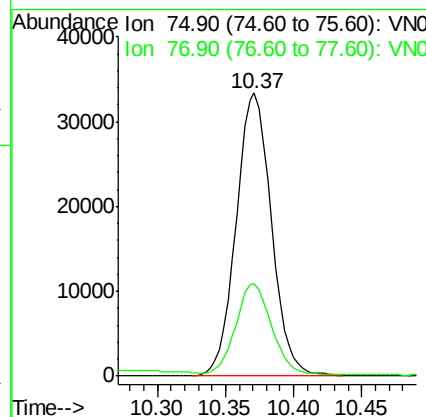
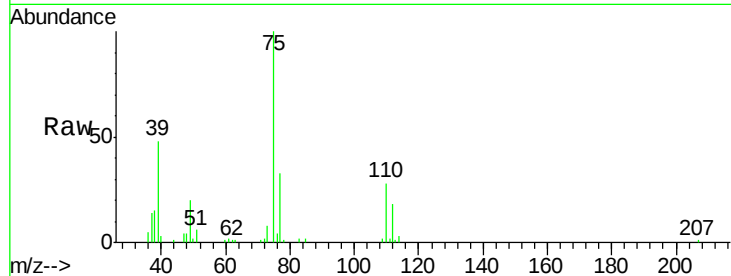
#53
t-1,3-Dichloropropene
Concen: 19.802 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01

Tot Ion: 75 Resp: 60072
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.2

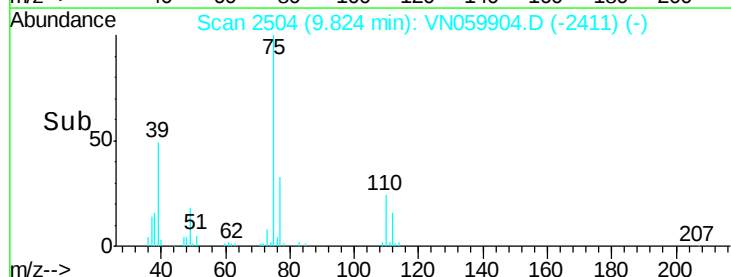
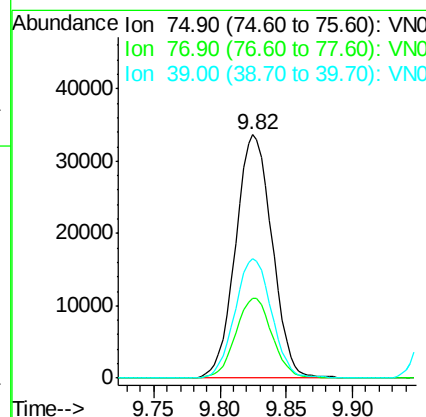
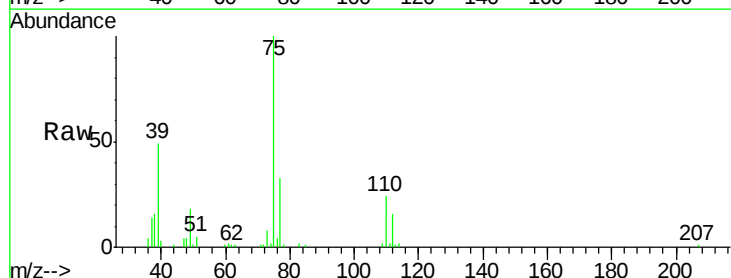
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#54
cis-1,3-Dichloropropene
Concen: 20.197 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Tgt Ion: 75 Resp: 64466
Ion Ratio Lower Upper
75 100
77 32.6 25.1 37.7
39 48.9 46.1 69.1





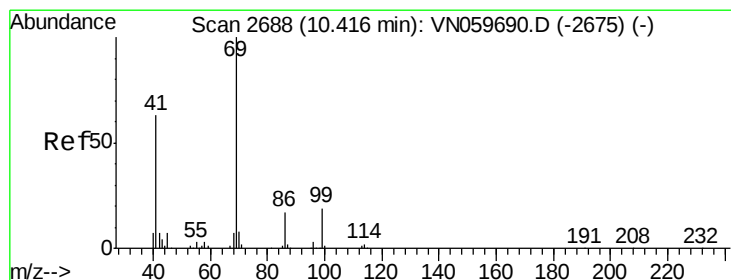
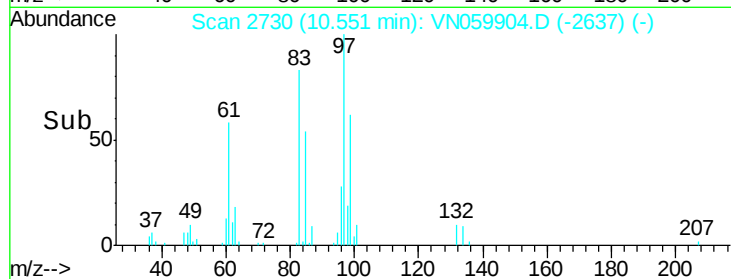
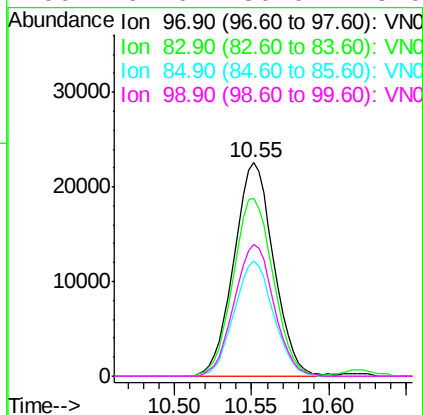
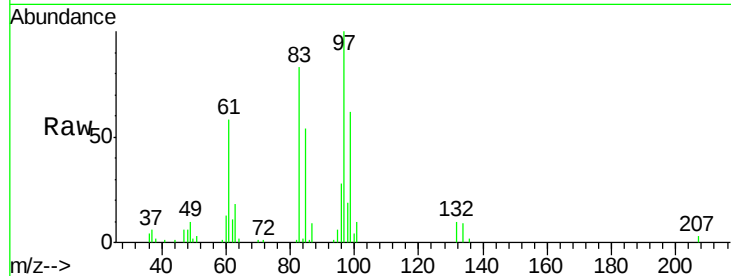
#55
 1,1,2-Trichloroethane
 Concen: 20.883 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059904.D
 Acq: 29 Jan 2020 12:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0129WBSD01

Tot Ion:	97	Resp:	40350
Ion	Ratio	Lower	Upper
97	100		
83	83.3	71.3	106.9
85	53.7	45.8	68.8
99	61.6	50.0	75.0

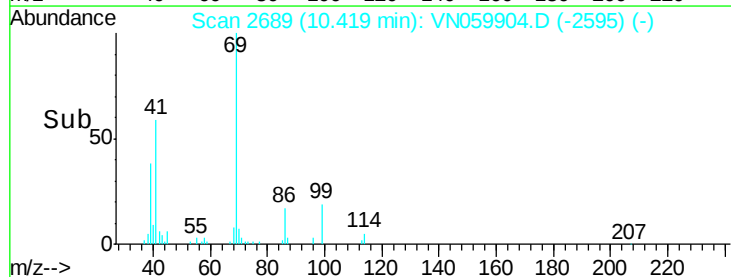
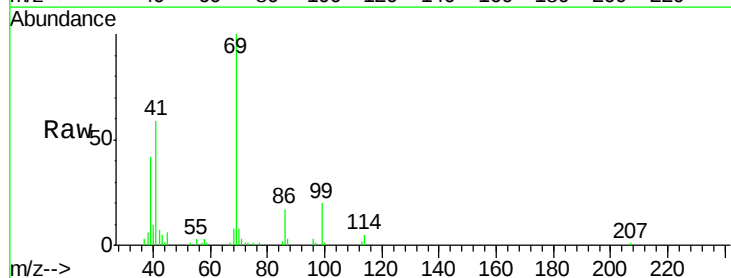
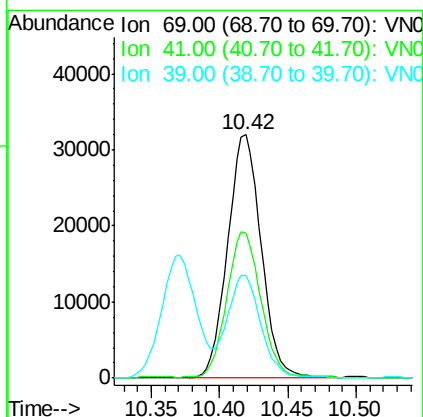
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#56
 Ethyl methacrylate
 Concen: 18.563 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. 0.00 min
 Lab File: VN059904.D
 Acq: 29 Jan 2020 12:03

Tgt Ion:	69	Resp:	54808
Ion	Ratio	Lower	Upper
69	100		
41	61.6	57.1	85.7
39	43.3	34.7	52.1





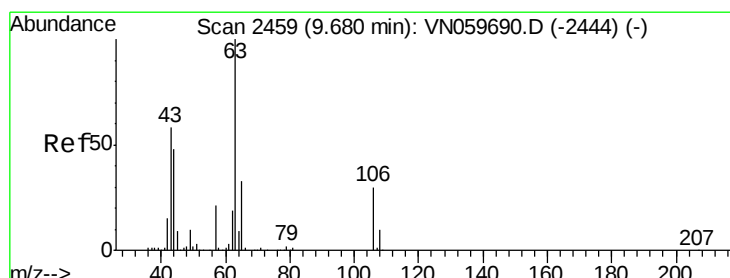
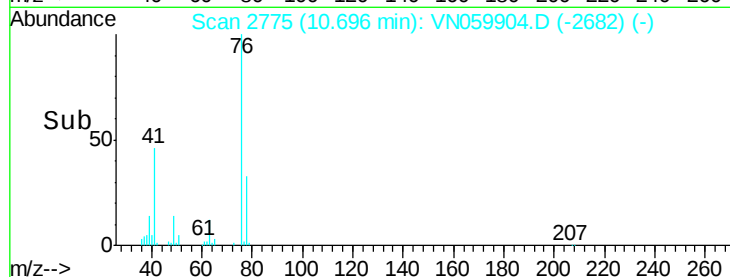
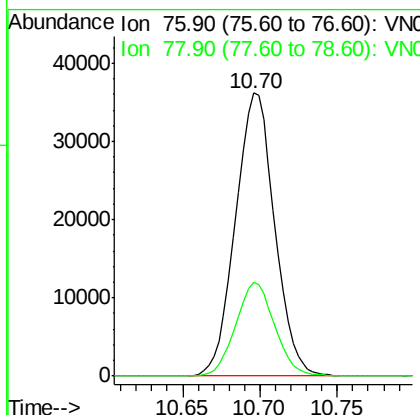
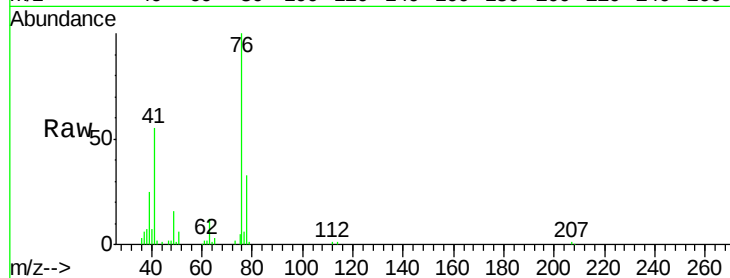
#57
 1,3-Dichloropropane
 Concen: 20.767 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. 0.00 min
 Lab File: VN059904.D
 Acq: 29 Jan 2020 12:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0129WBSD01

Tot Ion: 76 Resp: 63705
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.8 38.8

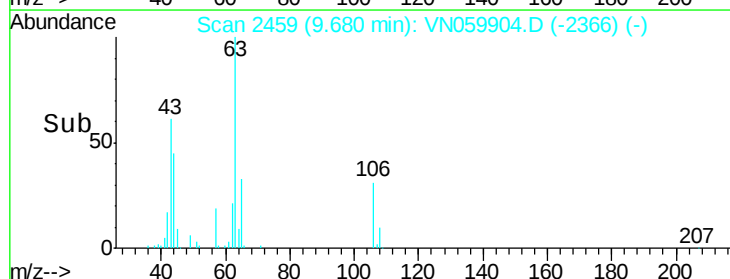
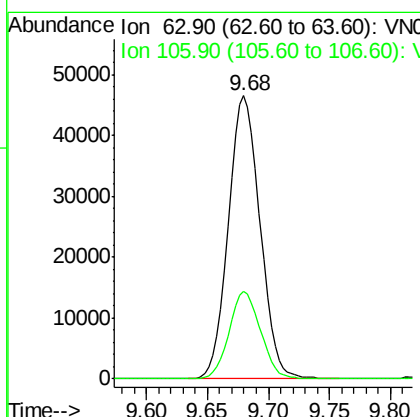
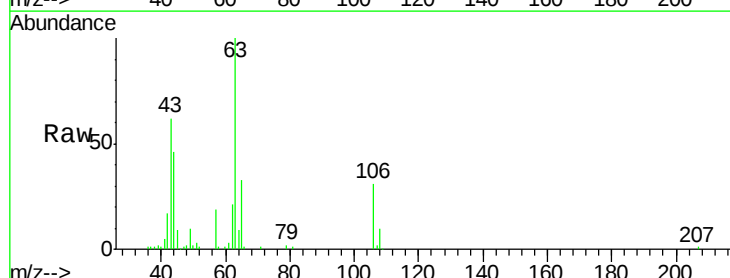
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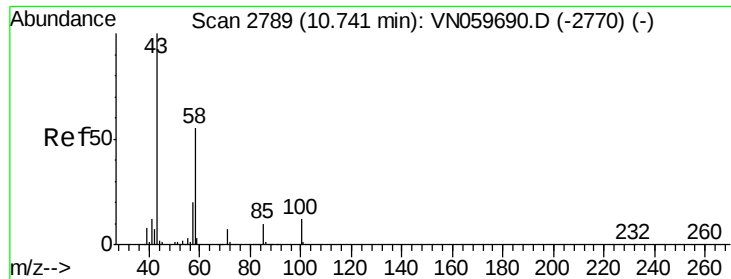
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#58
 2-Chloroethyl Vinyl ether
 Concen: 94.749 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. 0.00 min
 Lab File: VN059904.D
 Acq: 29 Jan 2020 12:03

Tgt Ion: 63 Resp: 84259
 Ion Ratio Lower Upper
 63 100
 106 30.6 20.2 30.2#





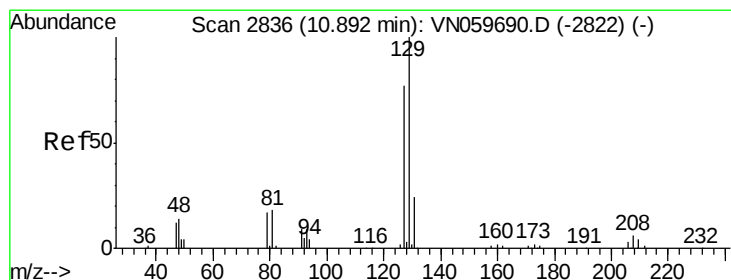
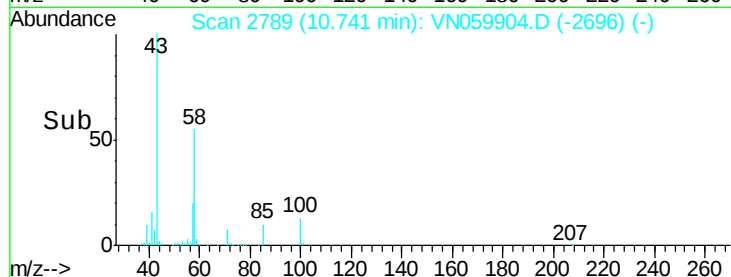
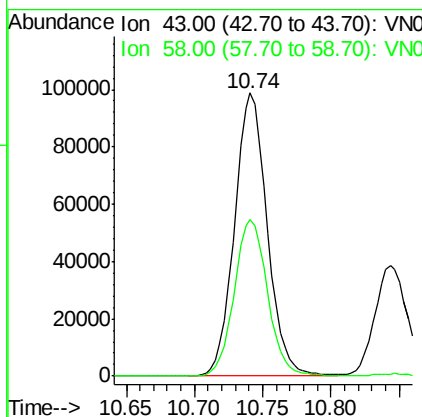
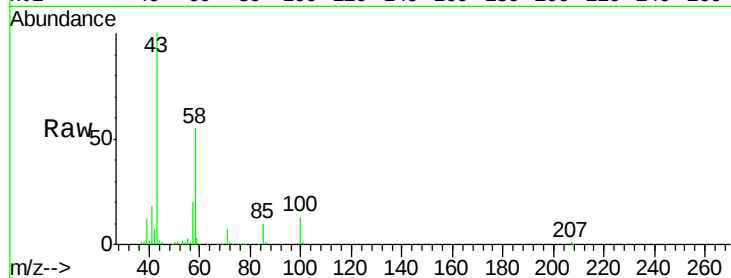
#59
2-Hexanone
Concen: 92.422 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01

Tot Ion: 43 Resp: 164443
Ion Ratio Lower Upper
43 100
58 56.3 25.8 77.3

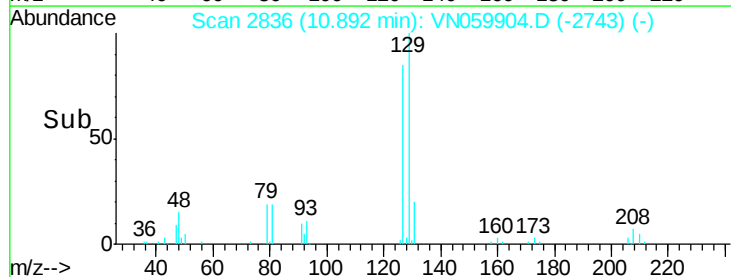
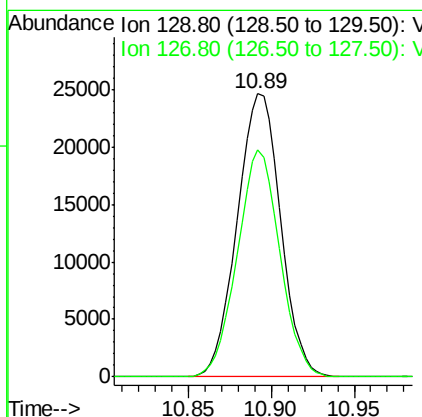
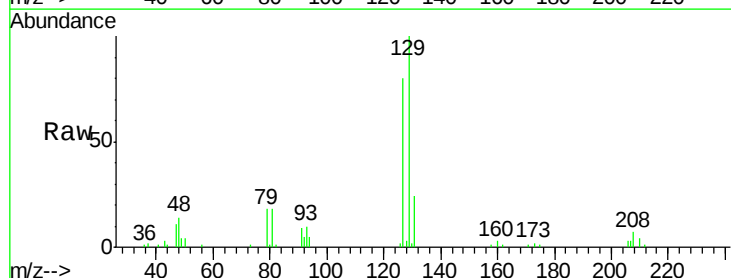
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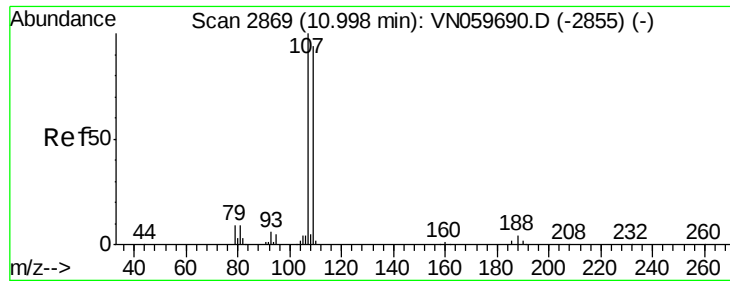
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#60
Dibromochloromethane
Concen: 20.424 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Tgt Ion: 129 Resp: 44939
Ion Ratio Lower Upper
129 100
127 78.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.503 ug/l

RT: 10.99 min Scan# 2868

Delta R.T. -0.00 min

Lab File: VN059904.D

Acq: 29 Jan 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBSD01

Tot Ion:107 Resp: 41523

Ion Ratio Lower Upper

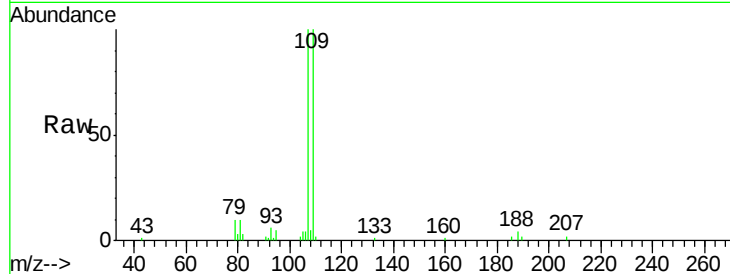
107 100

109 95.5 76.6 115.0

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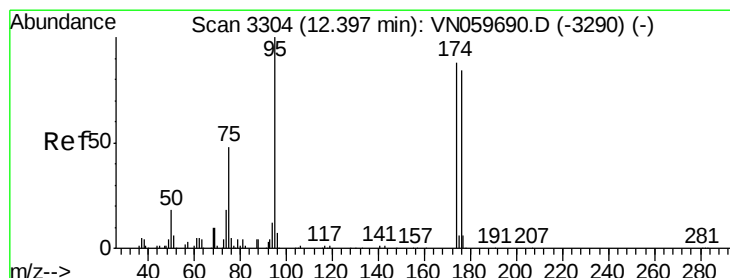
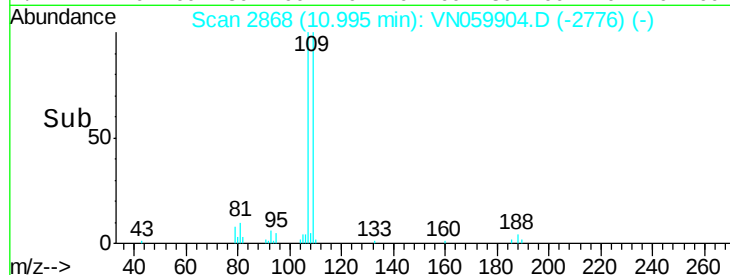
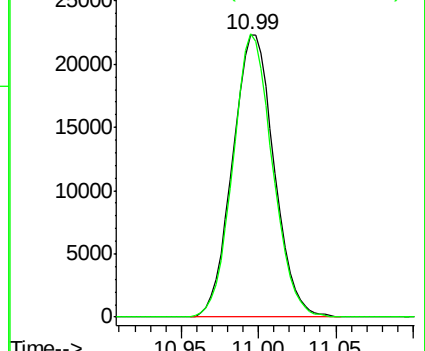
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.061 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059904.D

Acq: 29 Jan 2020 12:03

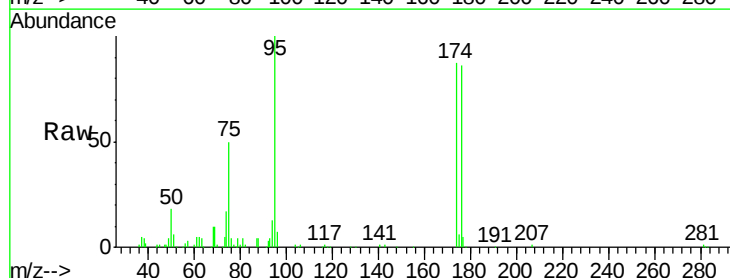
Tgt Ion: 95 Resp: 119053

Ion Ratio Lower Upper

95 100

174 87.9 0.0 151.4

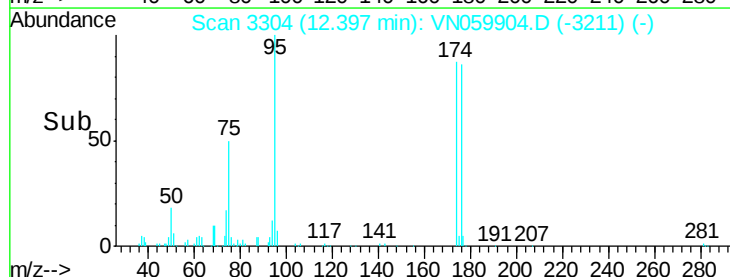
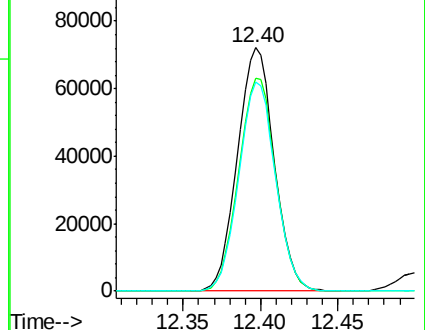
176 85.8 0.0 146.0

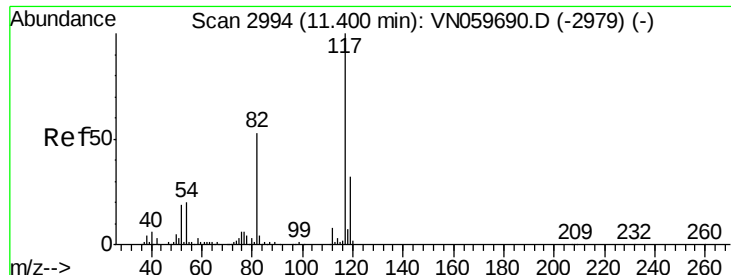


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





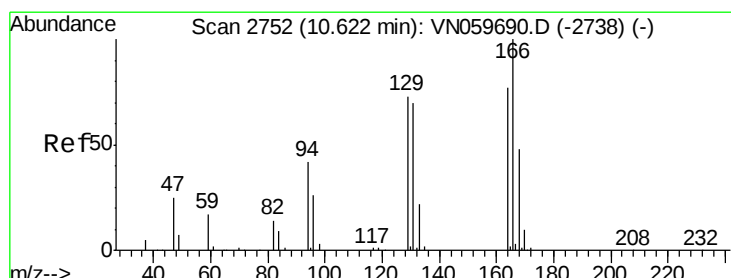
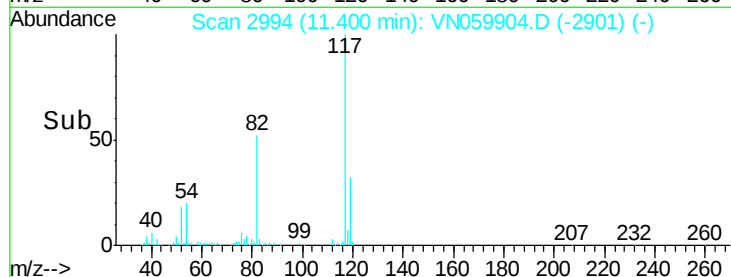
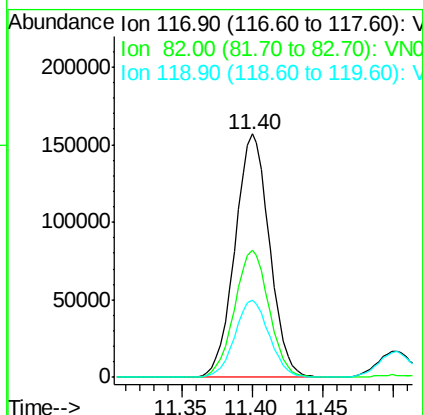
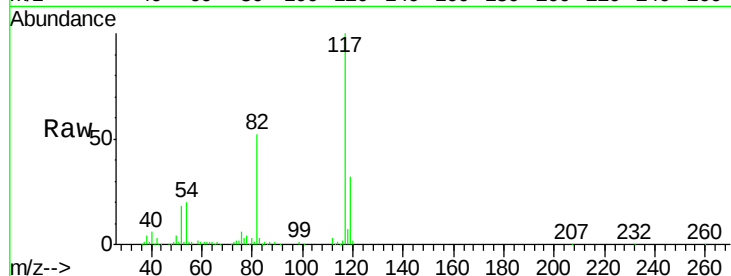
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	268547		
82	52.0		45.9	68.9
119	31.7		25.5	38.3

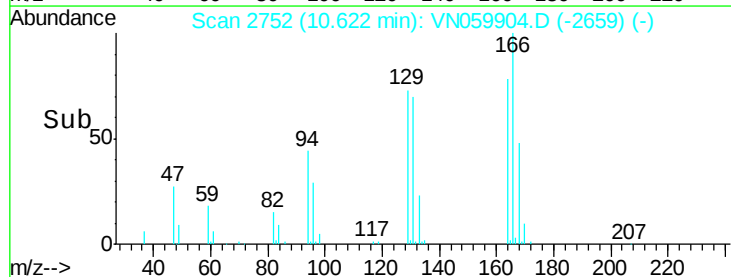
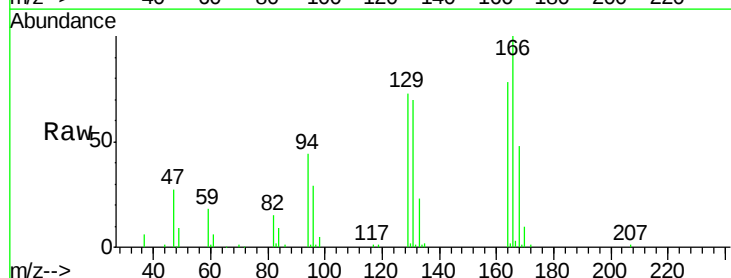
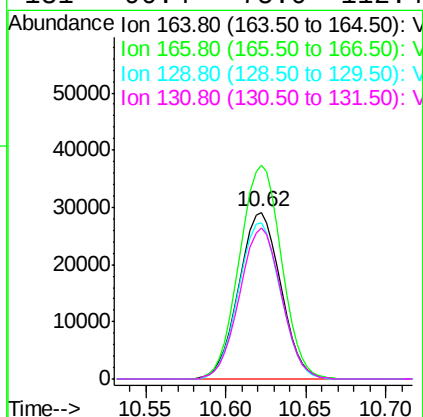
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#64
Tetrachloroethene
Concen: 23.808 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	52109		
166	128.3		101.4	152.0
129	94.1		80.2	120.4
131	90.4		75.0	112.4





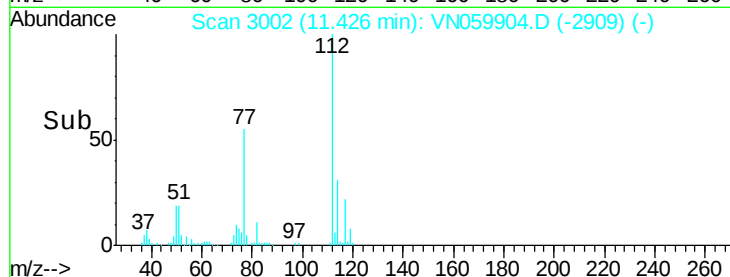
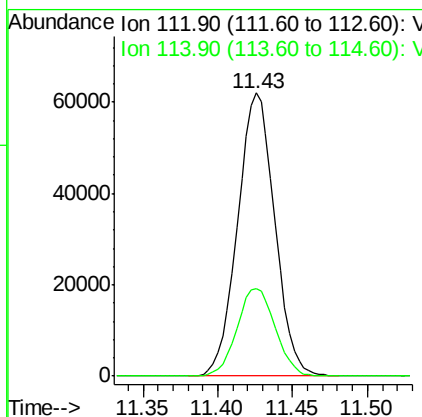
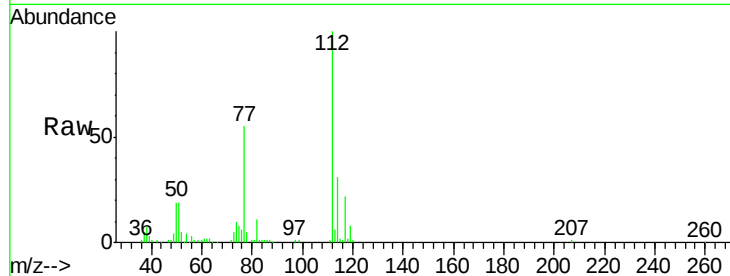
#65
Chlorobenzene
Concen: 20.305 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampled :
VN0129WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.1	25.8	38.8

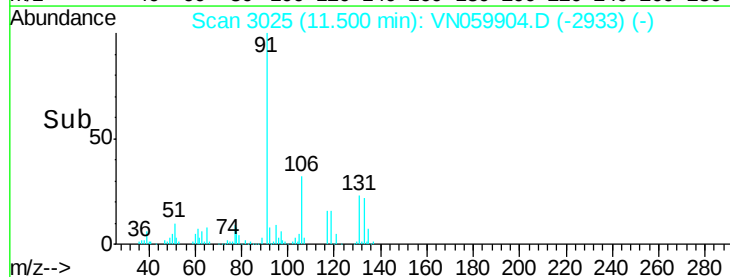
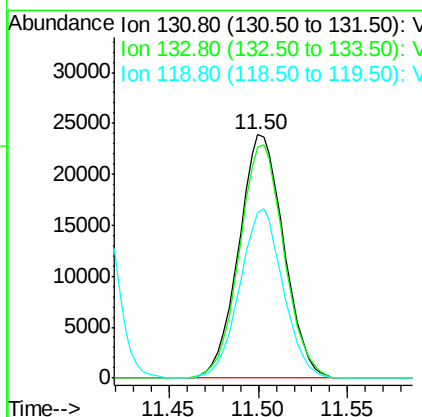
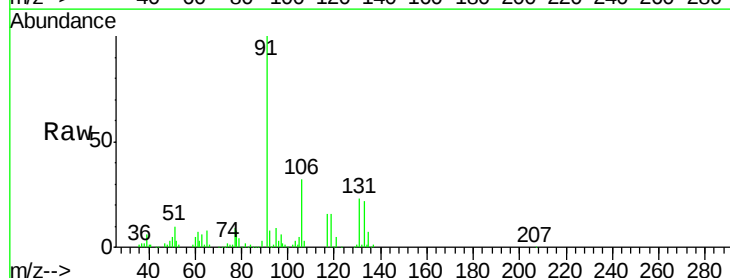
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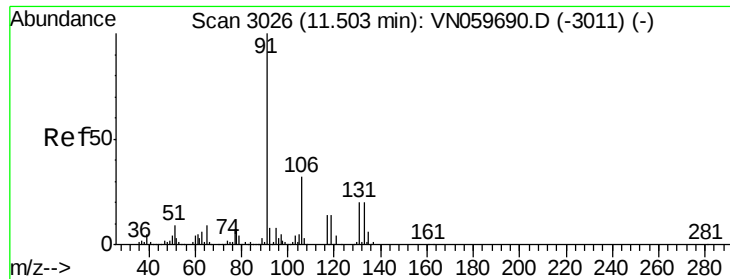
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.628 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.1	47.4	142.2
119	66.9	33.1	99.3





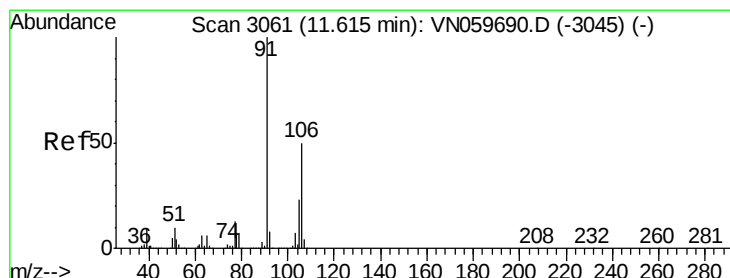
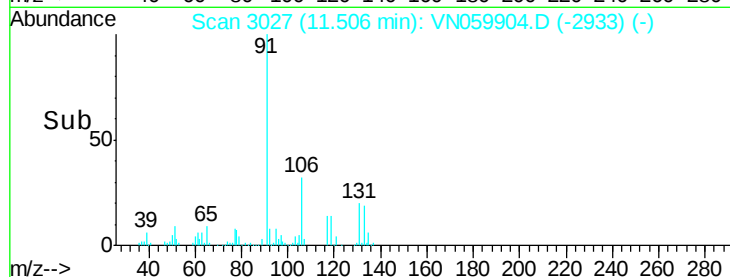
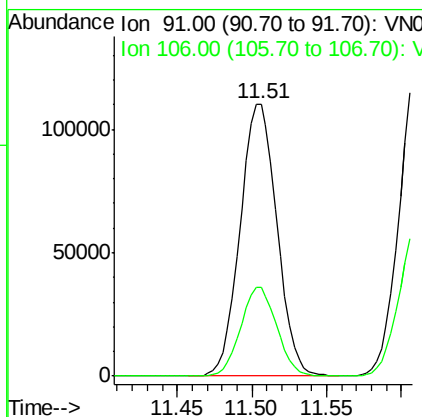
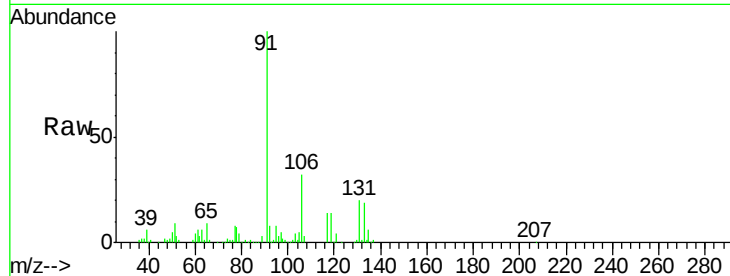
#67
Ethyl Benzene
Concen: 19.719 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampled :
VN0129WBSD01

Tot Ion: 91 Resp: 188942
Ion Ratio Lower Upper
91 100
106 32.4 24.1 36.1

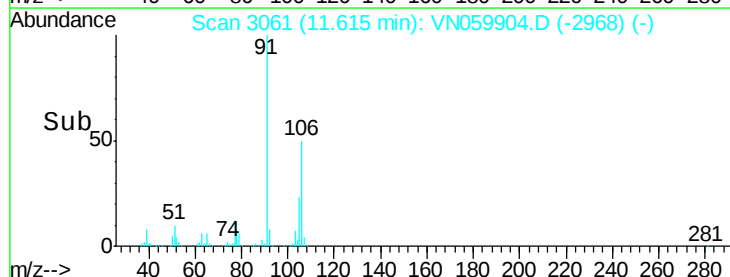
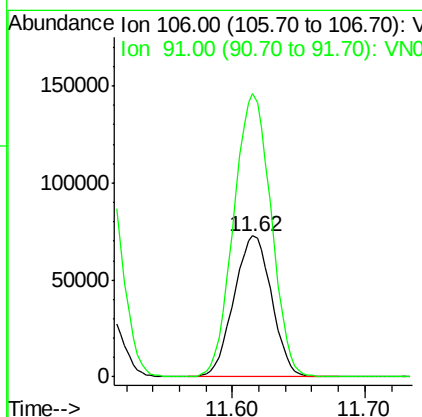
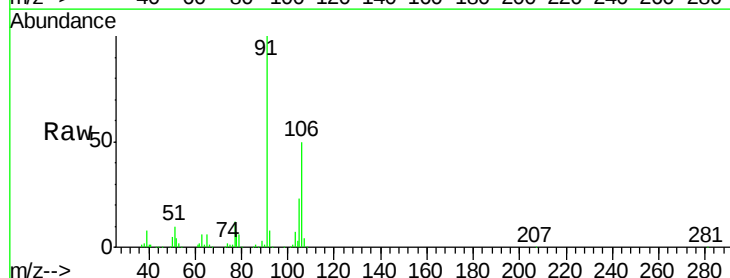
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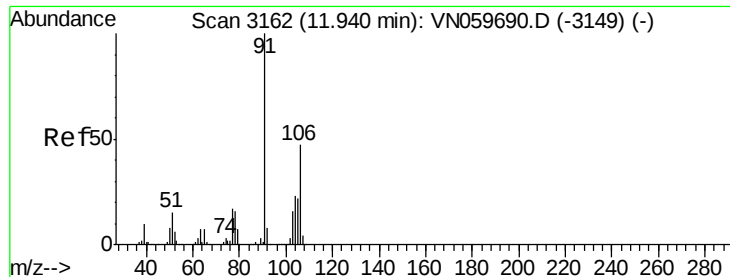
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#68
m/p-Xylenes
Concen: 39.673 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Tgt Ion: 106 Resp: 143597
Ion Ratio Lower Upper
106 100
91 199.4 167.9 251.9





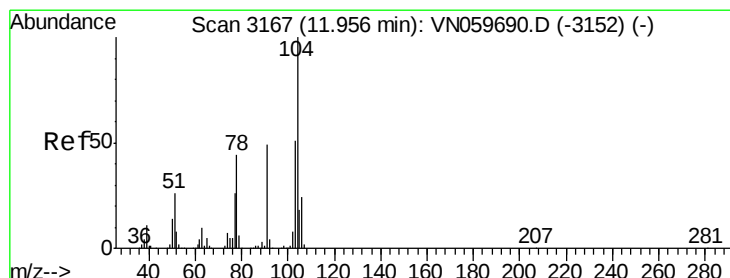
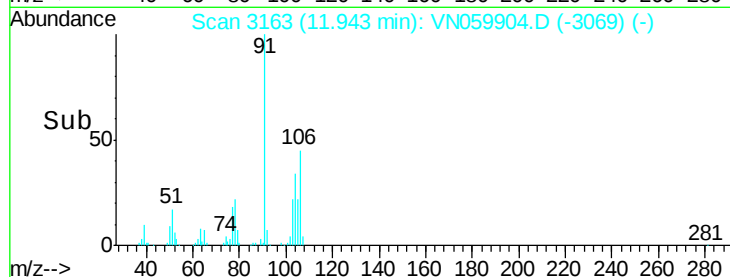
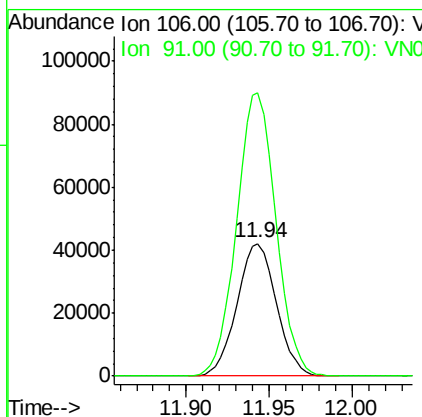
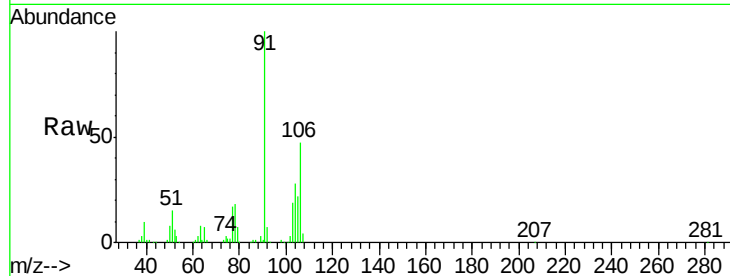
#69
o-Xylene
Concen: 19.681 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01

Tot Ion:106 Resp: 69741
Ion Ratio Lower Upper
106 100
91 212.4 110.3 330.9

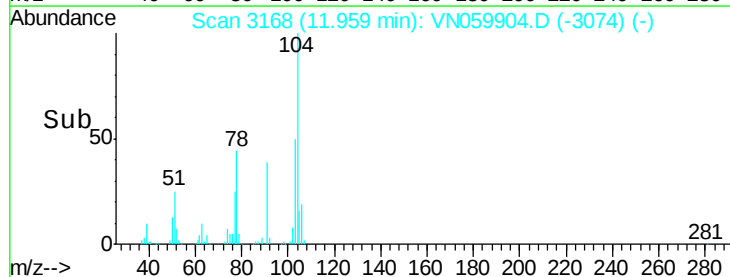
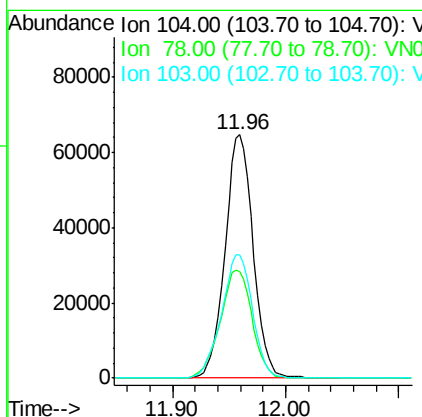
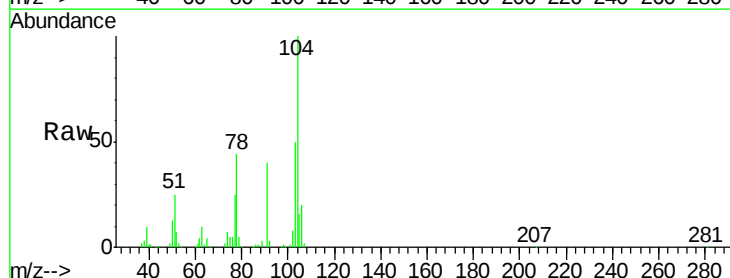
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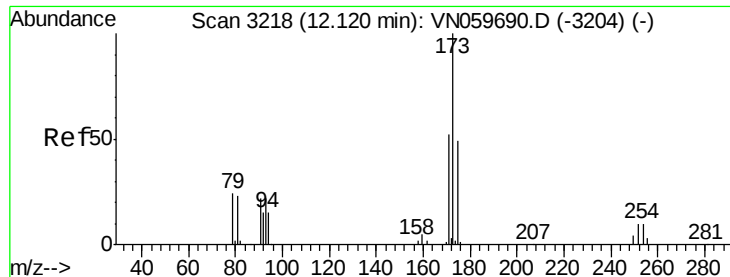
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#70
Styrene
Concen: 18.829 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Tgt Ion:104 Resp: 111647
Ion Ratio Lower Upper
104 100
78 50.4 42.4 63.6
103 55.7 43.9 65.9





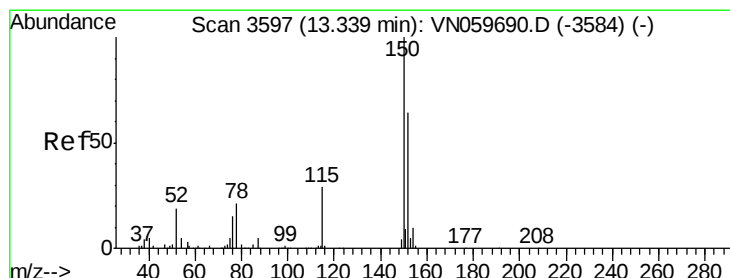
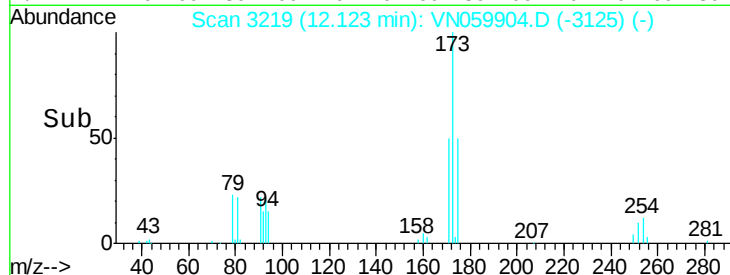
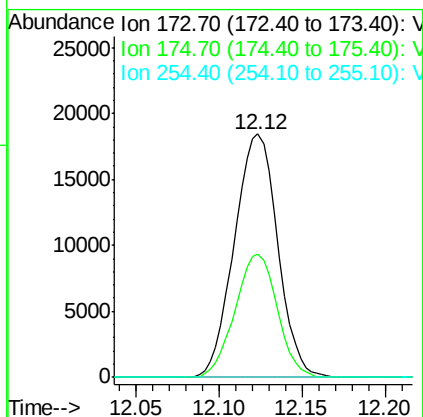
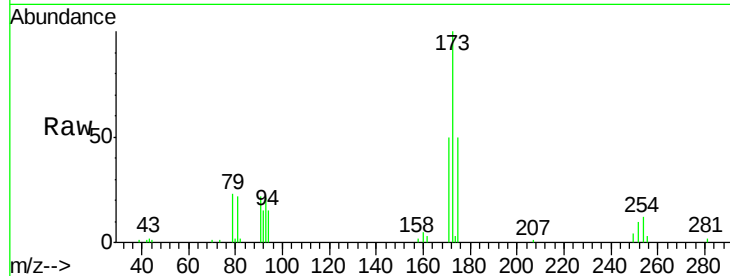
#71
Bromoform
Concen: 20.516 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampled :
VN0129WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	23.8	71.4
254	0.0	0.0	0.0

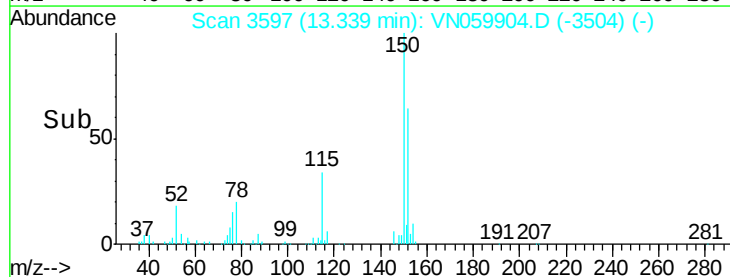
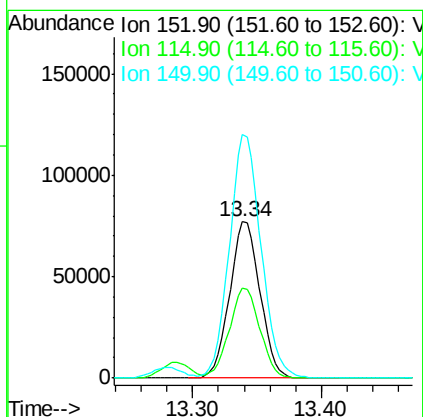
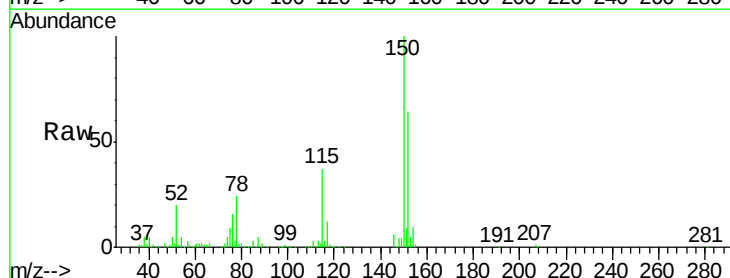
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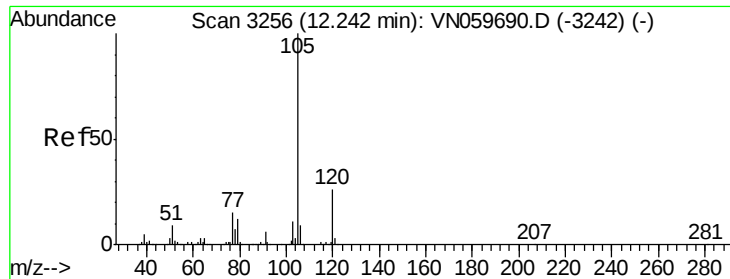
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	30.3	90.9
150	161.9	0.0	345.2





#73

Isopropylbenzene

Concen: 20.194 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059904.D

Acq: 29 Jan 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBSD01

Tot Ion: 105 Resp: 186589

Ion Ratio Lower Upper

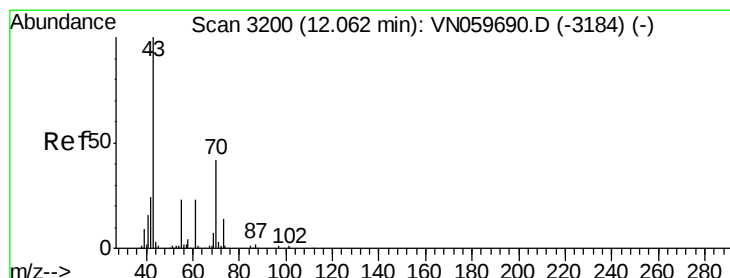
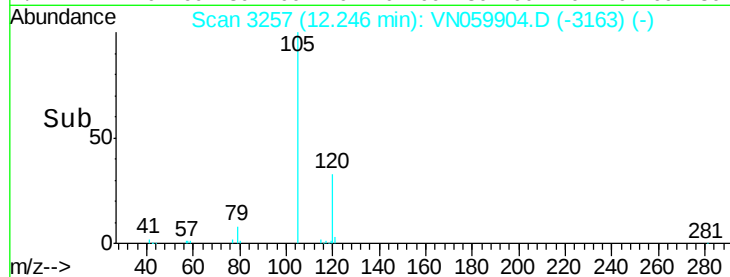
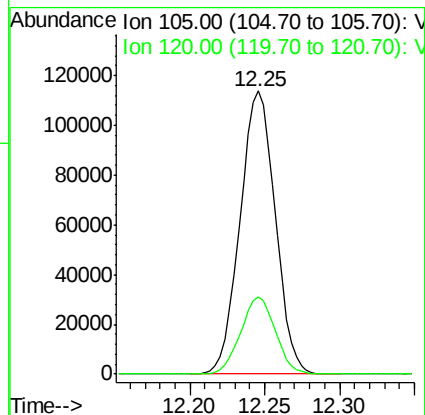
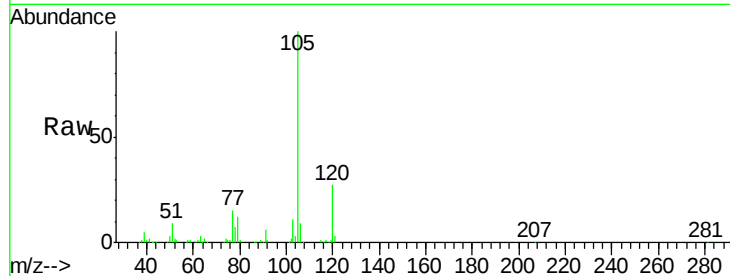
105 100

120 27.0 13.2 39.5

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#74

N-ethyl acetate

Concen: 17.411 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN059904.D

Acq: 29 Jan 2020 12:03

Tgt Ion: 43 Resp: 62425

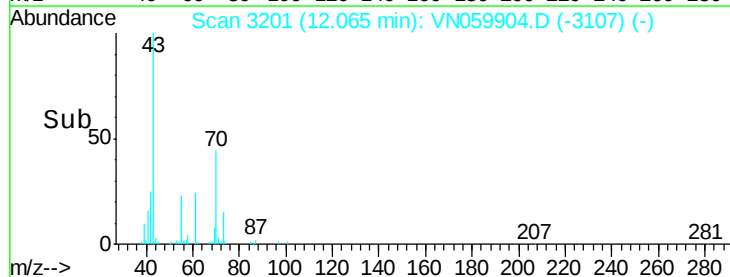
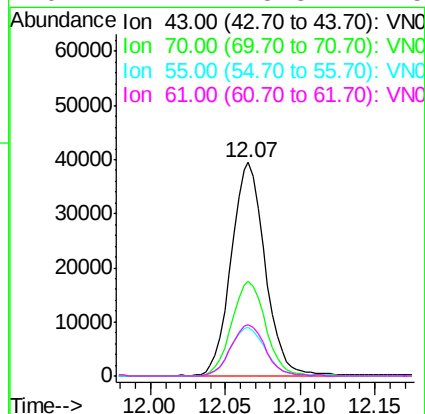
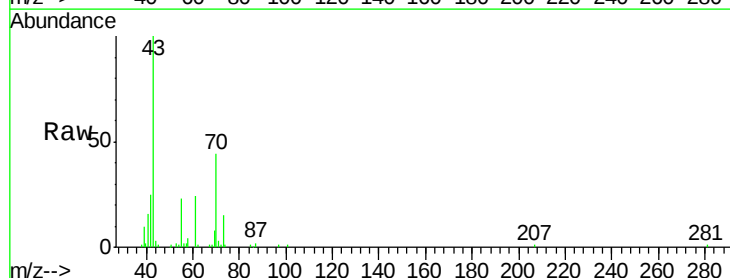
Ion Ratio Lower Upper

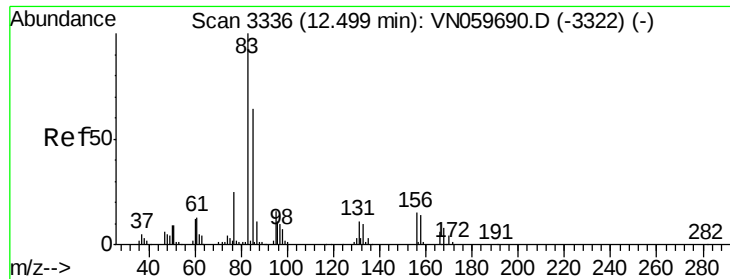
43 100

70 44.7 31.3 46.9

55 23.7 19.8 29.6

61 24.4 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.588 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059904.D

Acq: 29 Jan 2020 12:03

Instrument :

MSVOA_N

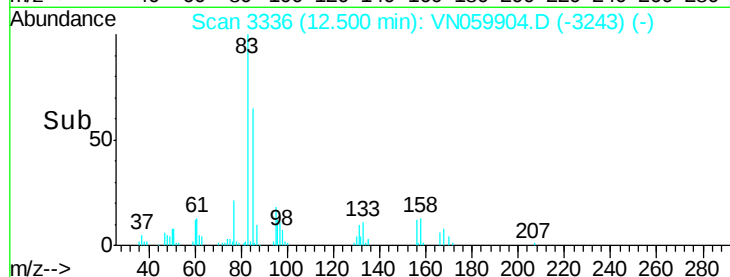
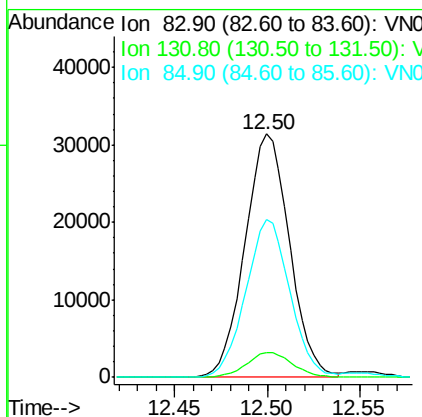
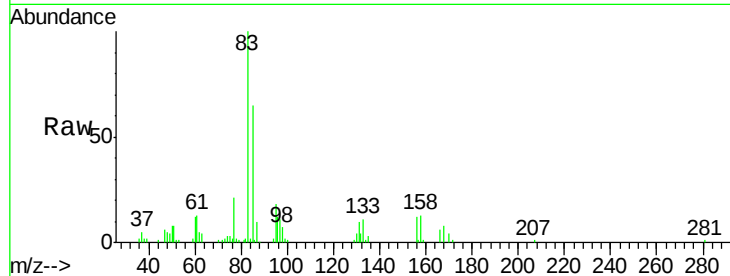
ClientSampleId :

VN0129WBSD01

Tot Ion:	83	Resp:	52469
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.0	14.9
85	64.2	31.9	95.5

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#76

1,2,3-Trichloropropane

Concen: 23.650 ug/l m

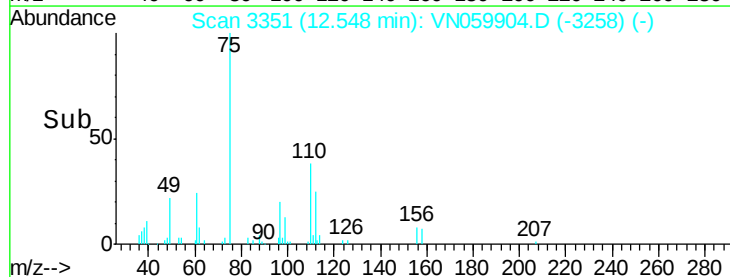
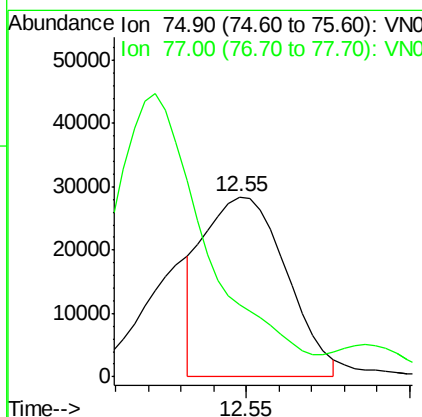
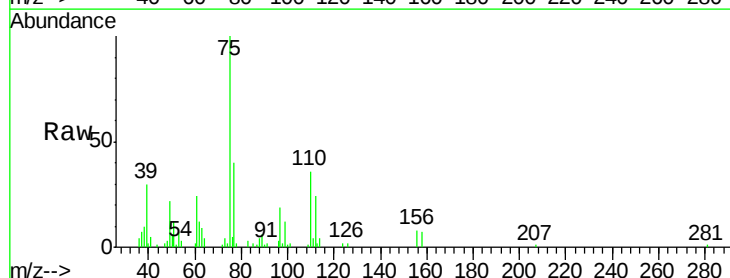
RT: 12.55 min Scan# 3351

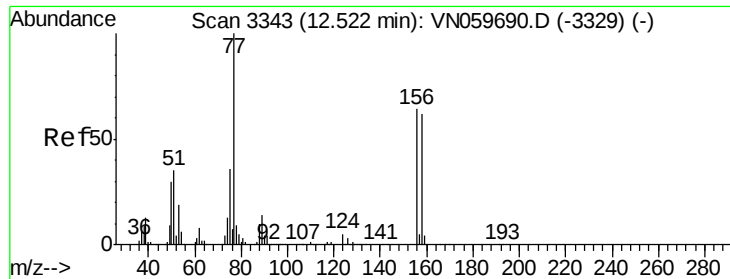
Delta R.T. 0.00 min

Lab File: VN059904.D

Acq: 29 Jan 2020 12:03

Tgt Ion:	75	Resp:	50142
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.655 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059904.D

Acq: 29 Jan 2020 12:03

Instrument :

MSVOA_N

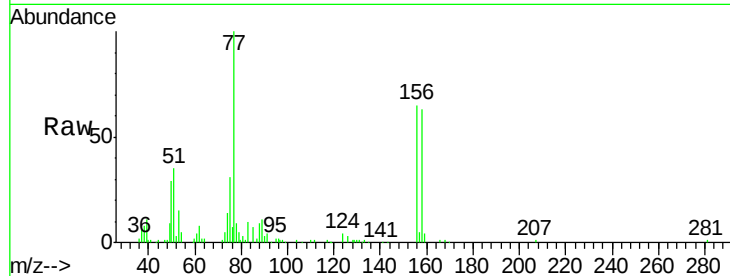
ClientSampleId :

VN0129WBSD01

Tot Ion:	156	Resp:	48329
Ion	Ratio	Lower	Upper
156	100		
77	188.5	115.8	347.4
158	97.4	49.2	147.6

Manual Integrations
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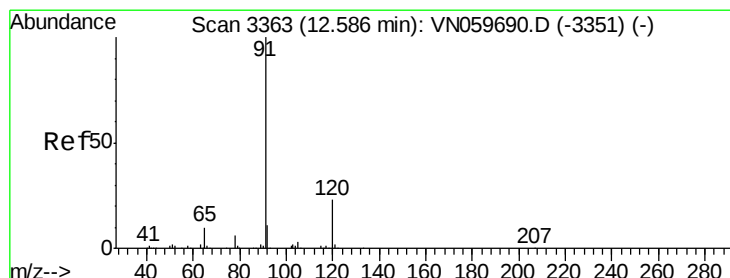
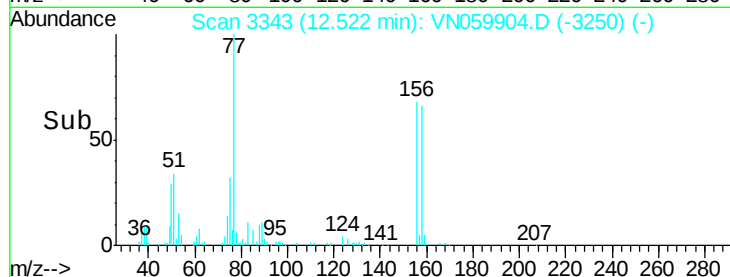
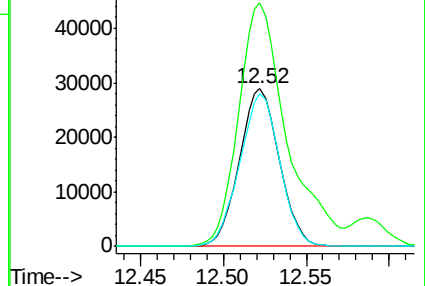
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.974 ug/l

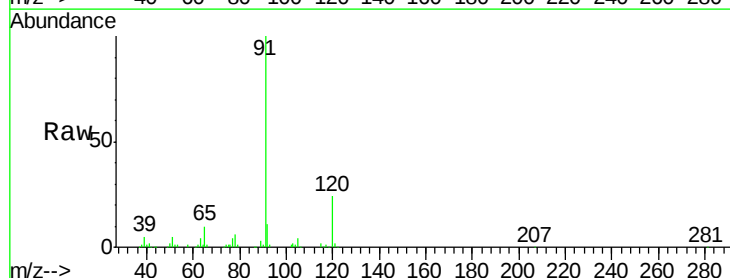
RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059904.D

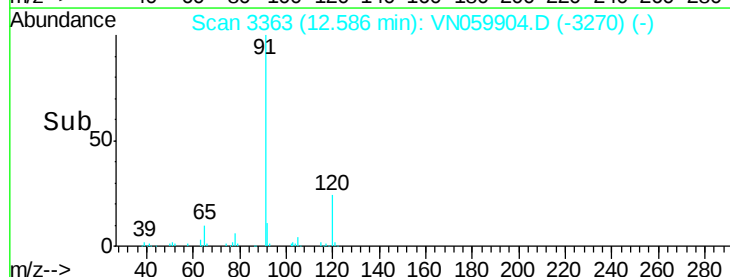
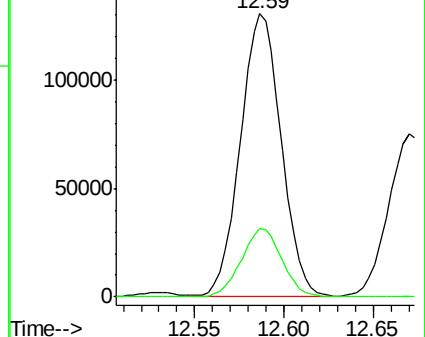
Acq: 29 Jan 2020 12:03

Tgt Ion:	91	Resp:	207142
Ion	Ratio	Lower	Upper
91	100		
120	24.1	11.1	33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.989 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059904.D

Acq: 29 Jan 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBSD01

Tot Ion: 91 Resp: 123324

Ion Ratio Lower Upper

91 100

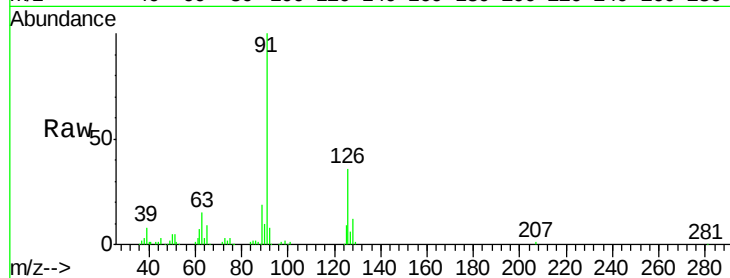
126 35.4 16.3 48.9

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Abundance Ion 91.00 (90.70 to 91.70): VN059690.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN059690.D (-3376) (-)

100000

80000

60000

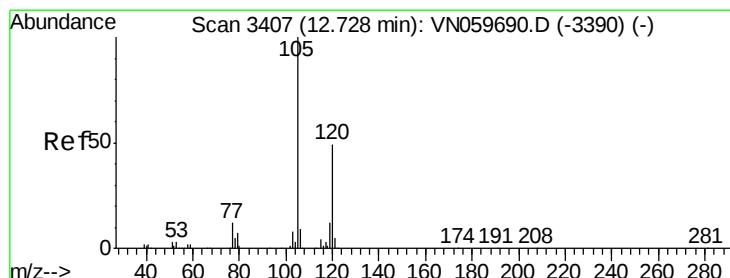
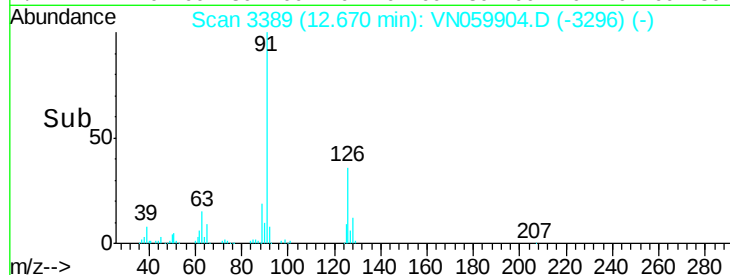
40000

20000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.164 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN059904.D

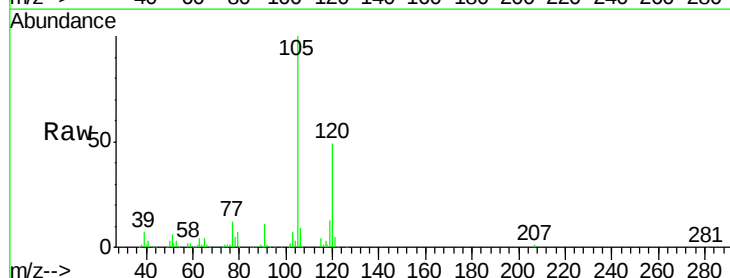
Acq: 29 Jan 2020 12:03

Tgt Ion: 105 Resp: 156685

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059690.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN059690.D (-3390) (-)

100000

80000

60000

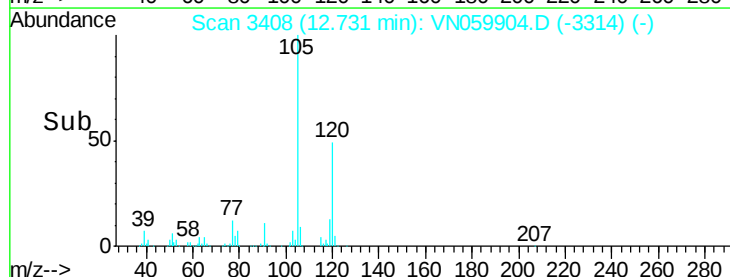
40000

20000

0

12.65 12.70 12.75 12.80

Time-->





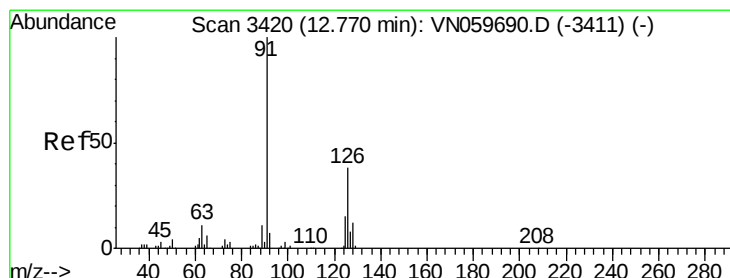
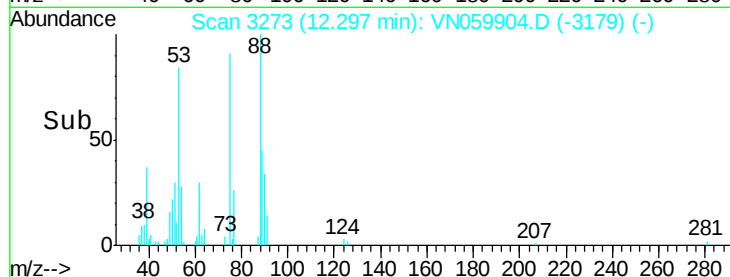
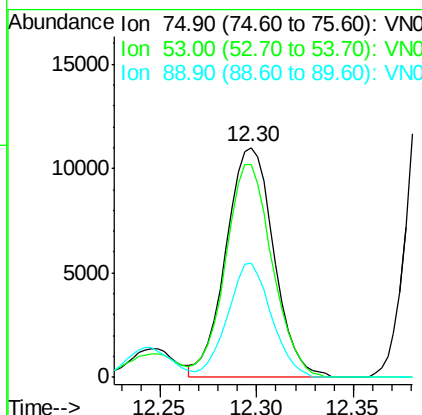
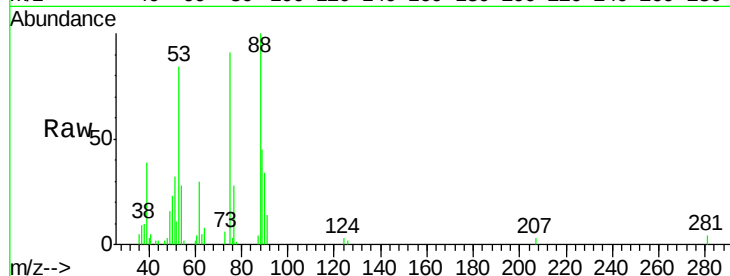
#81
trans-1,4-Dichloro-2-butene
Concen: 19.196 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.5	78.1	117.1
89	45.3	35.4	53.2

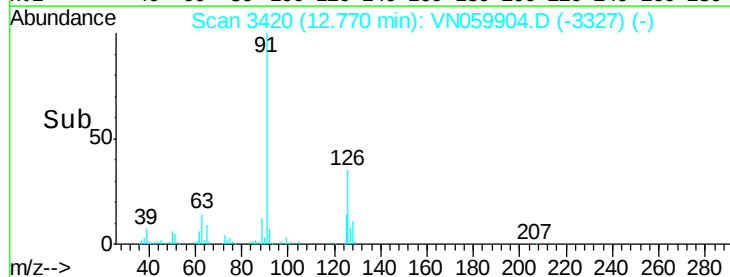
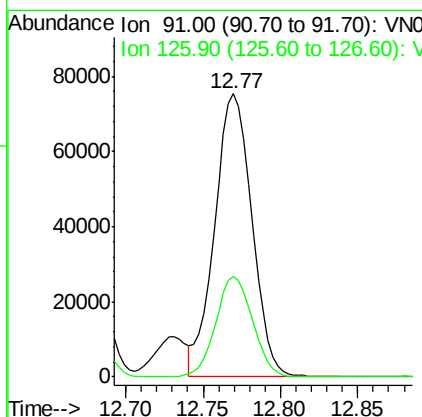
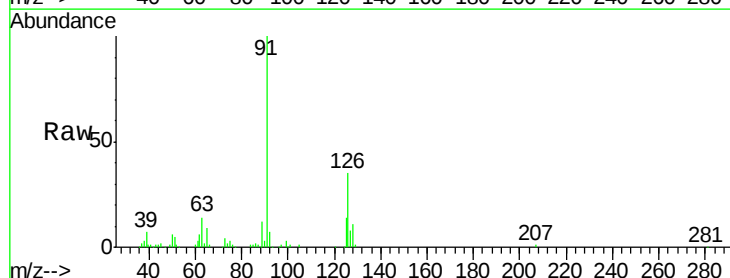
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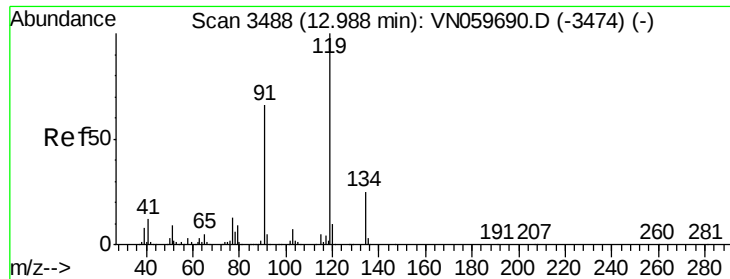
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#82
4-Chlorotoluene
Concen: 20.389 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.0	16.3	48.8





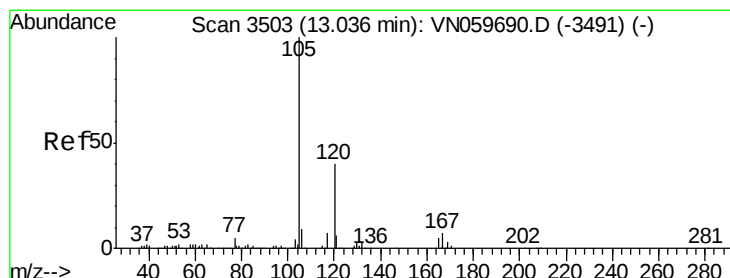
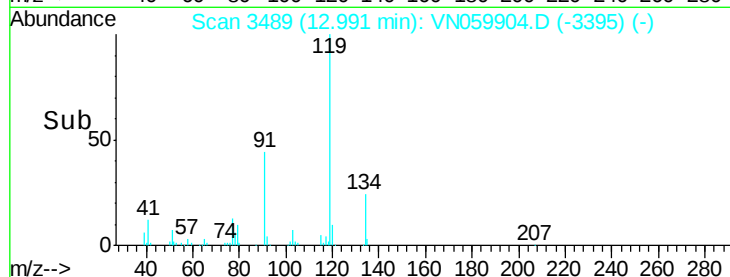
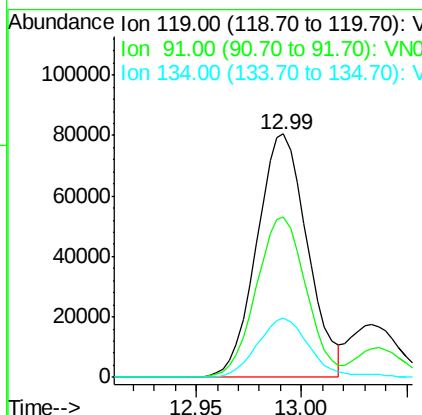
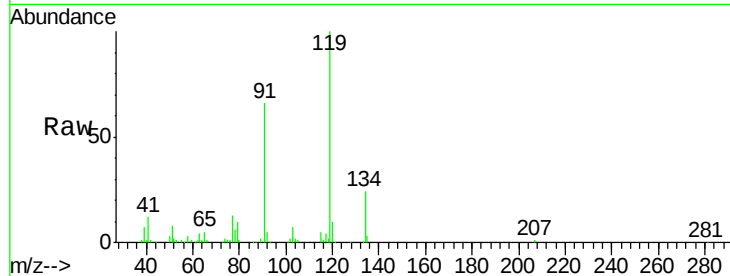
#83
 tert-Butylbenzene
 Concen: 20.004 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN059904.D
 Acq: 29 Jan 2020 12:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0129WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.5	34.8	104.4
134	25.2	12.3	36.9

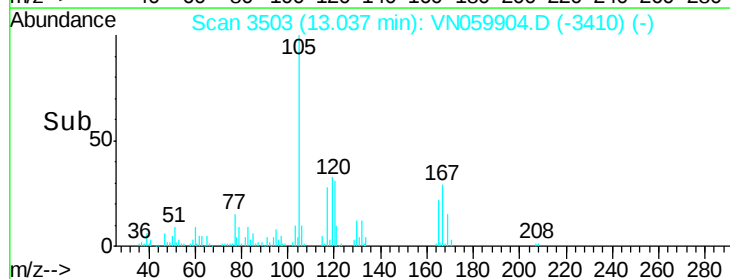
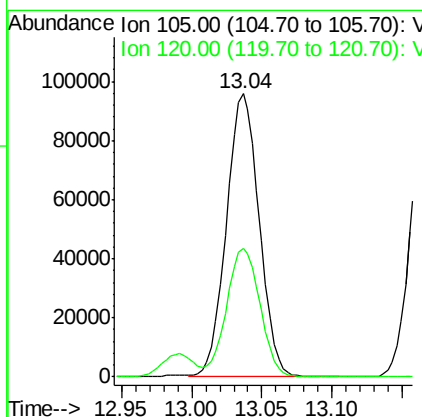
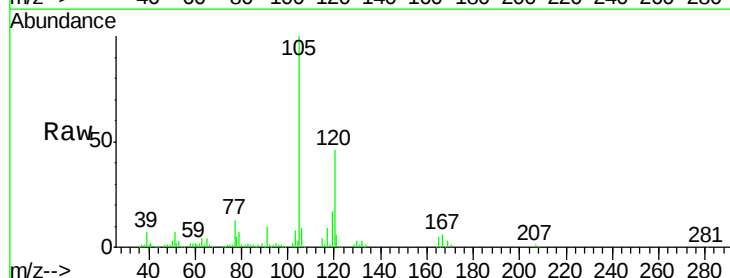
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.284 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN059904.D
 Acq: 29 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	22.3	66.9





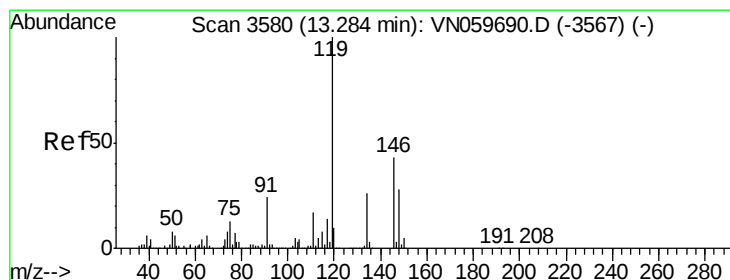
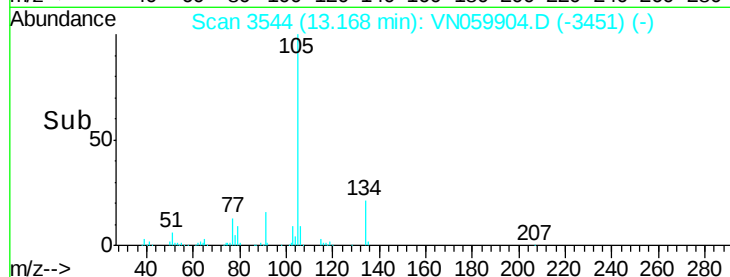
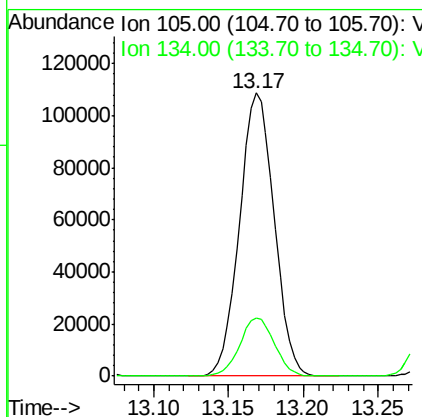
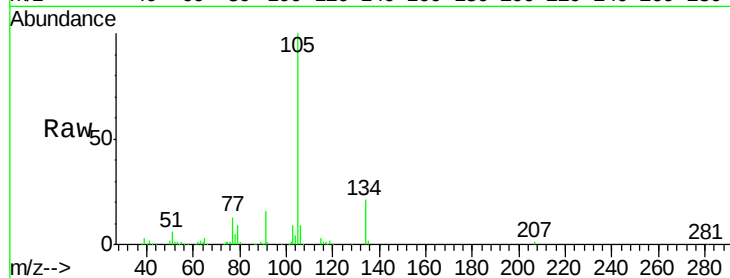
#85
 sec-Butylbenzene
 Concen: 19.838 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059904.D
 Acq: 29 Jan 2020 12:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0129WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	175161		
134	20.5	9.8	29.5	

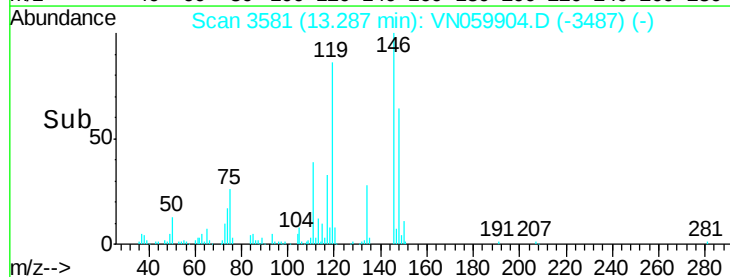
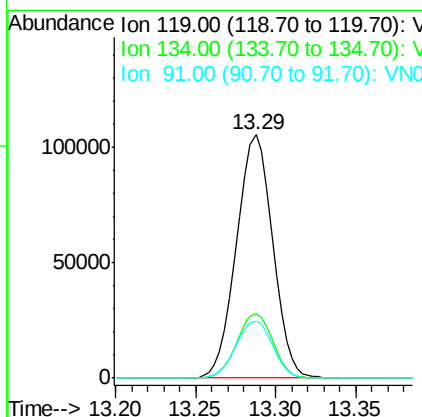
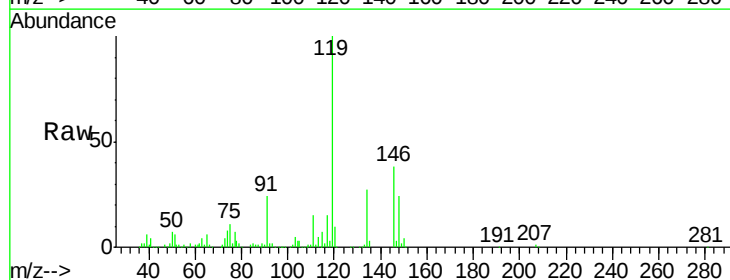
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#86
 p-Isopropyltoluene
 Concen: 19.909 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN059904.D
 Acq: 29 Jan 2020 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	162662		
134	26.2	12.9	38.7	
91	24.0	12.4	37.4	





#87

1,3-Dichlorobenzene

Concen: 20.728 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN059904.D

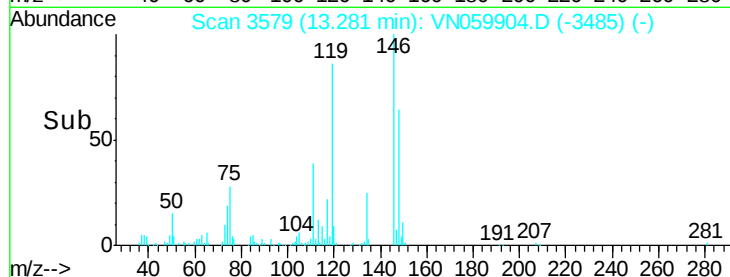
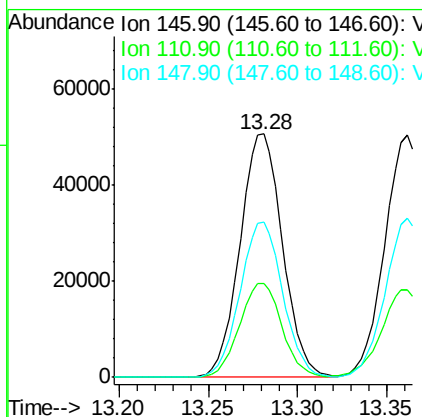
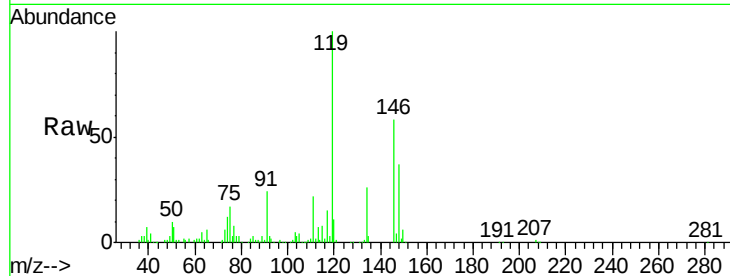
Acq: 29 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	20.8	62.2
148	63.8	32.0	96.0

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#88

1,4-Dichlorobenzene

Concen: 20.475 ug/l

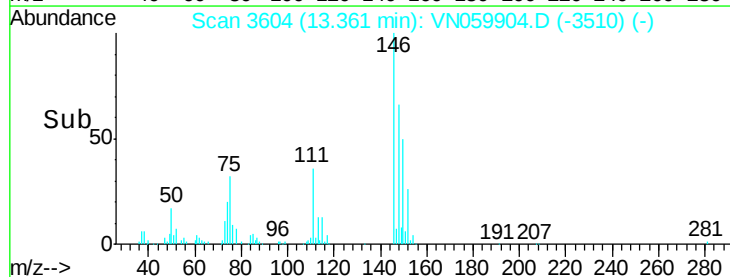
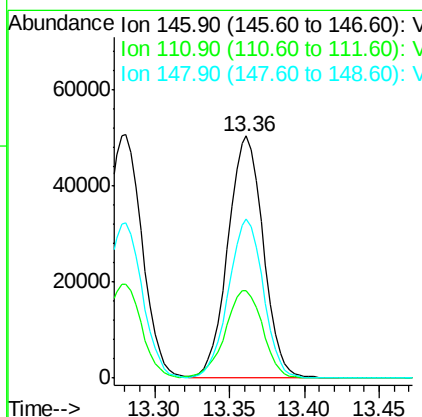
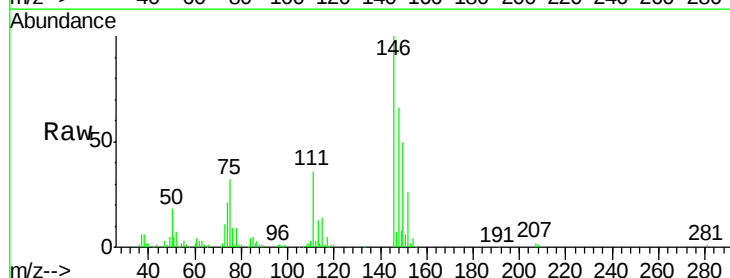
RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN059904.D

Acq: 29 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.8	62.2
148	65.1	31.8	95.4





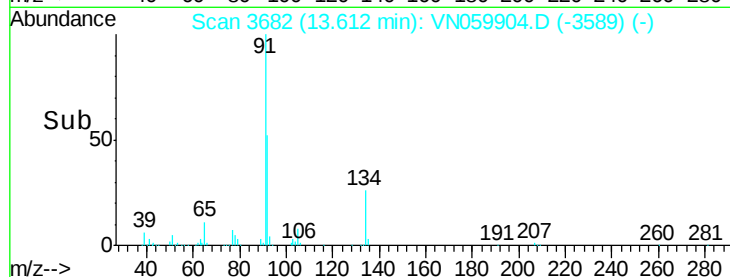
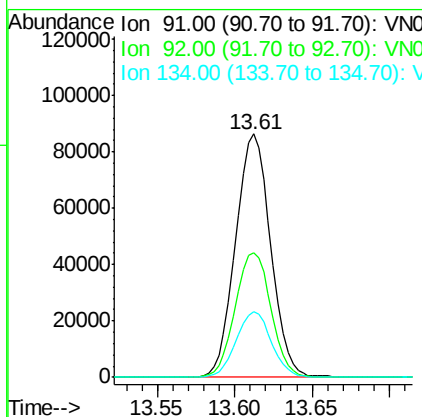
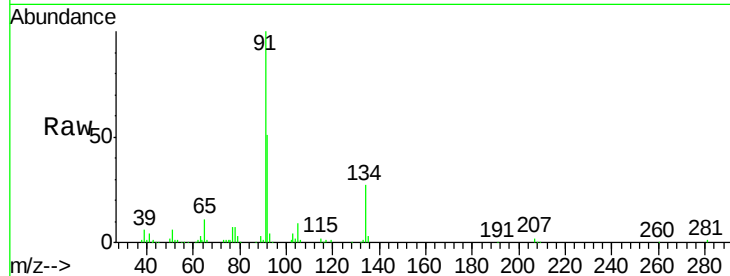
#89
n-Butylbenzene
Concen: 19.552 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	25.9	77.7
134	27.0	12.3	36.8

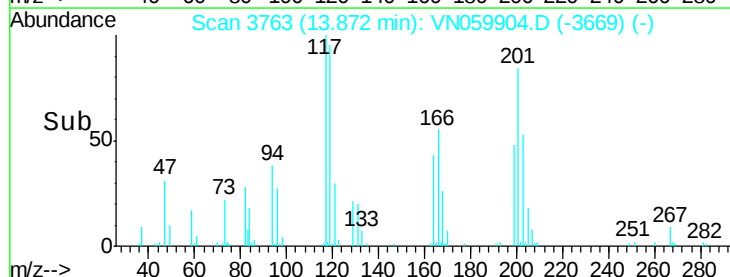
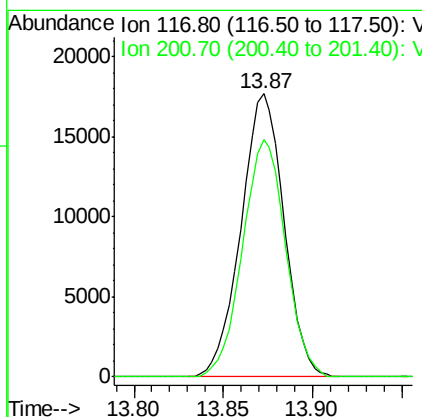
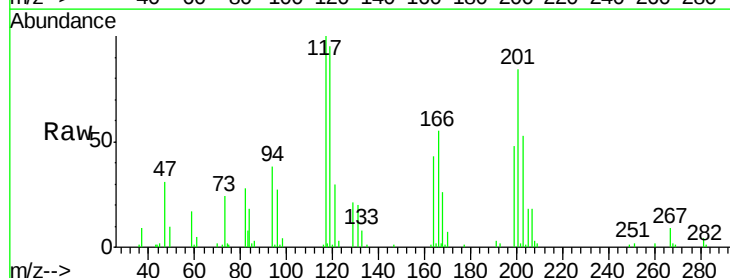
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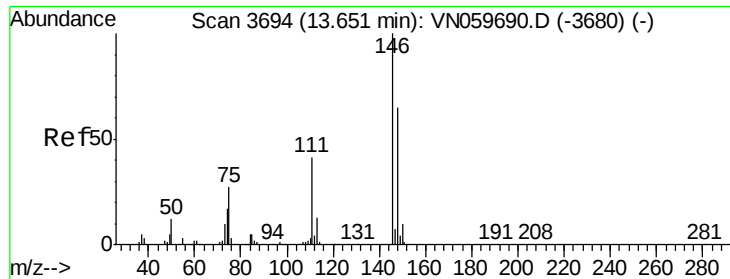
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#90
Hexachloroethane
Concen: 19.455 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.7	37.8	113.4





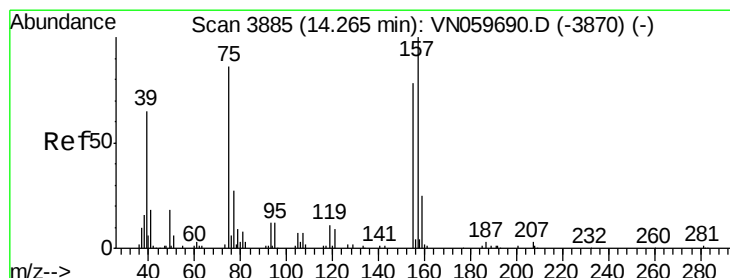
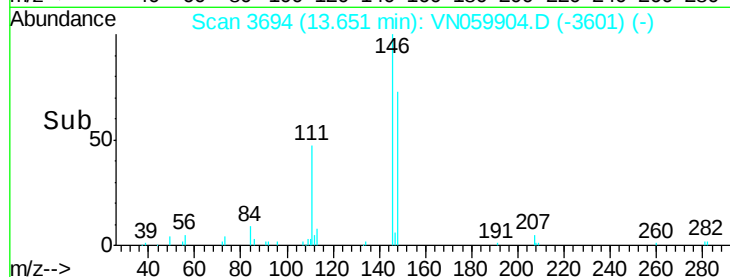
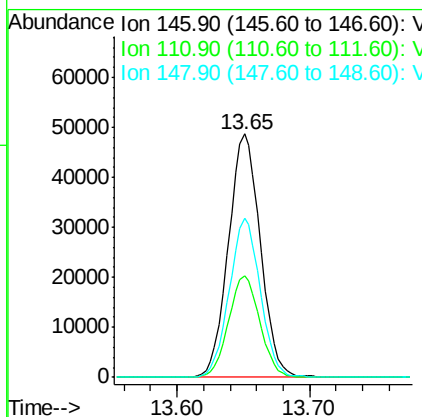
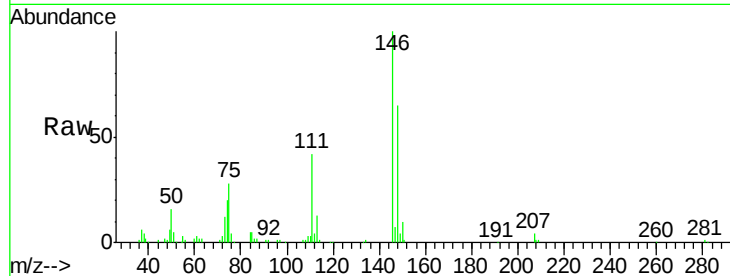
#91
 1,2-Dichlorobenzene
 Concen: 20.285 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059904.D
 Acq: 29 Jan 2020 12:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0129WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	21.6	64.8
148	63.5	31.6	95.0

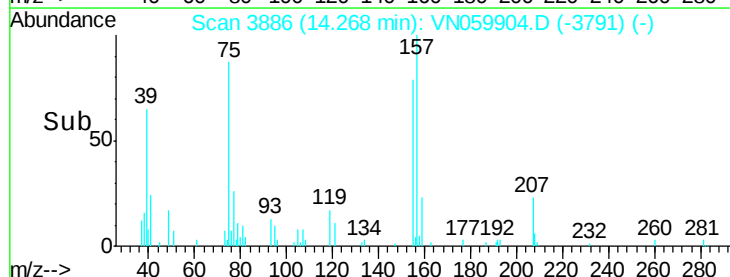
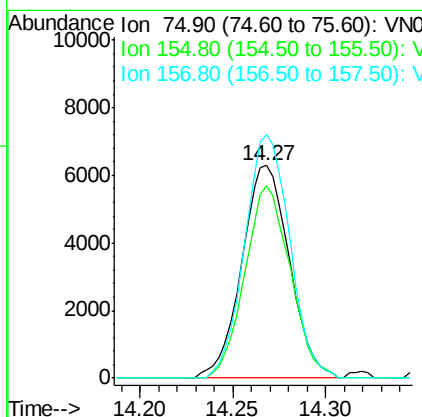
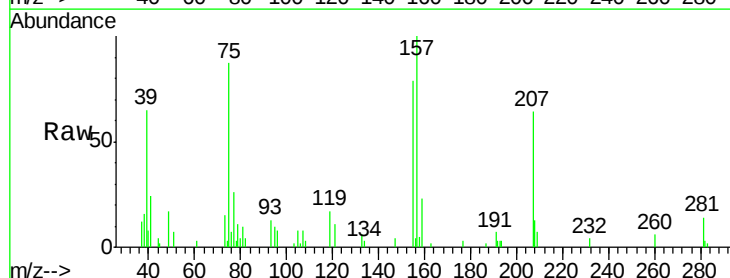
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.187 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN059904.D
 Acq: 29 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.0	37.0	110.9
157	108.3	48.4	145.2





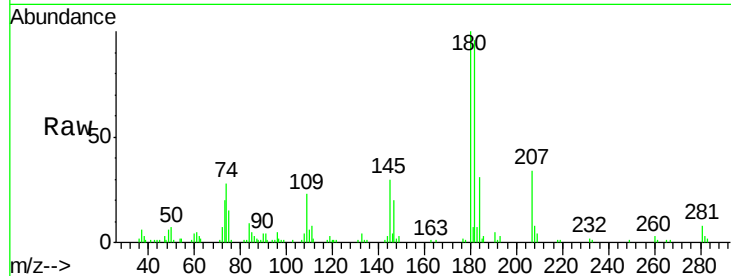
#93
1,2,4-Trichlorobenzene
Concen: 20.166 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01

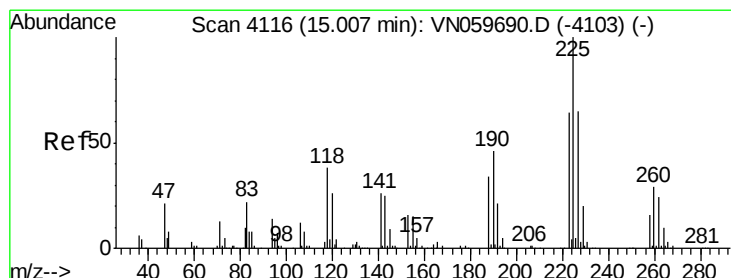
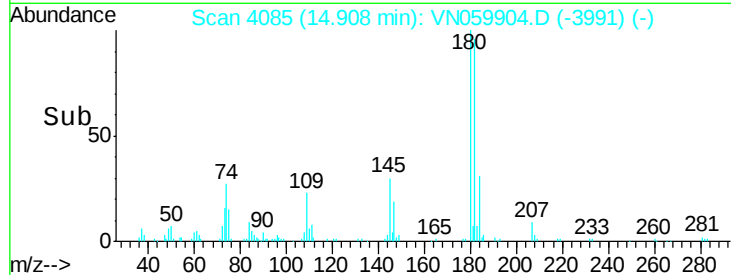
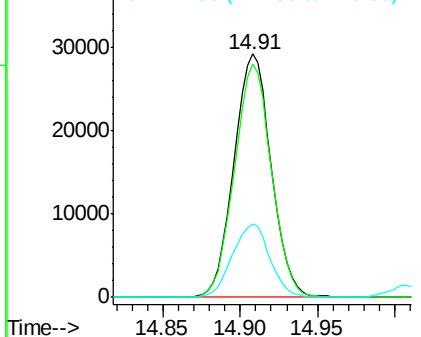
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	46.9	140.7
145	30.3	15.0	45.1

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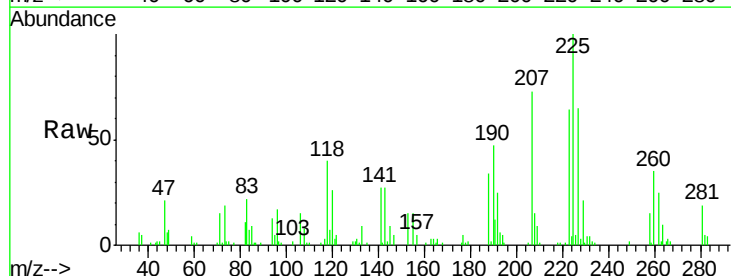


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

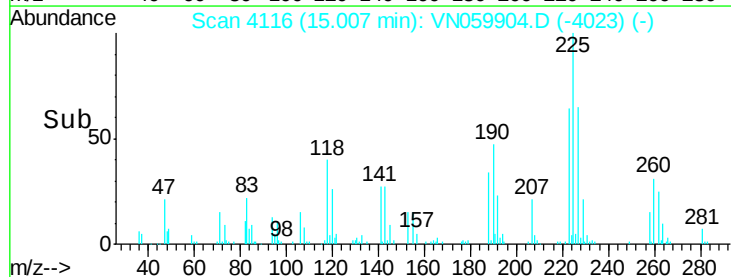
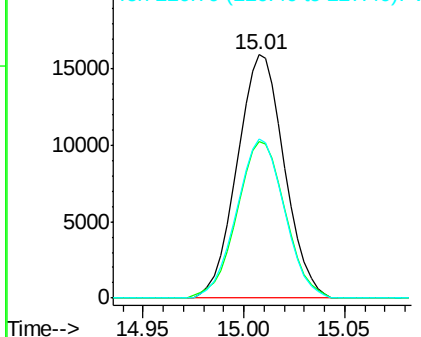


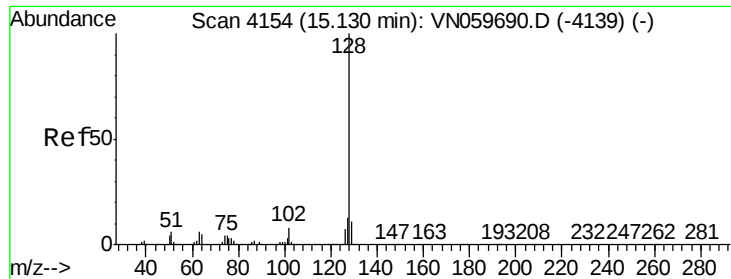
#94
Hexachlorobutadiene
Concen: 19.593 ug/l
RT: 15.01 min Scan# 4116
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.7	31.8	95.3
227	66.0	32.1	96.5



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





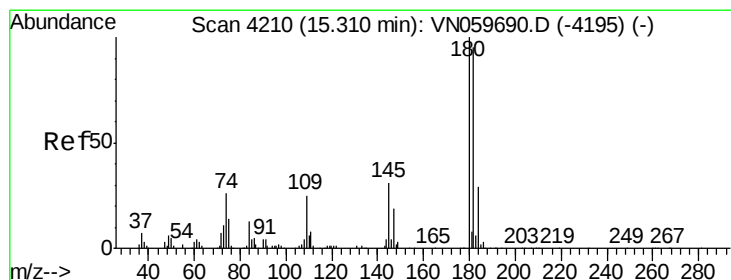
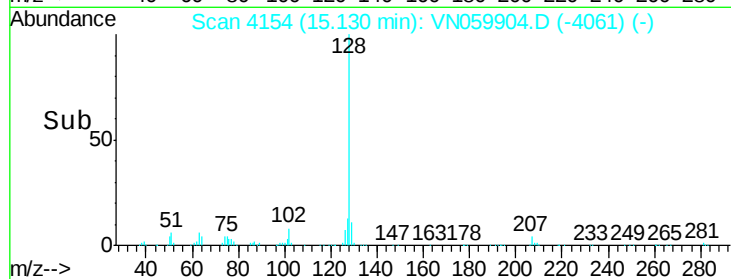
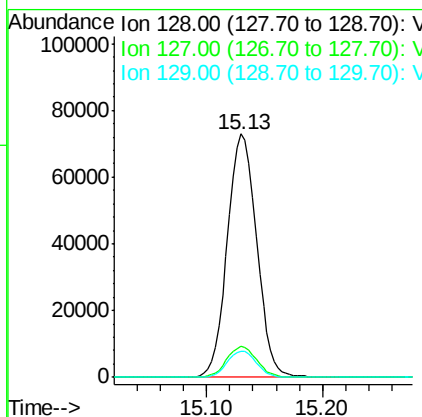
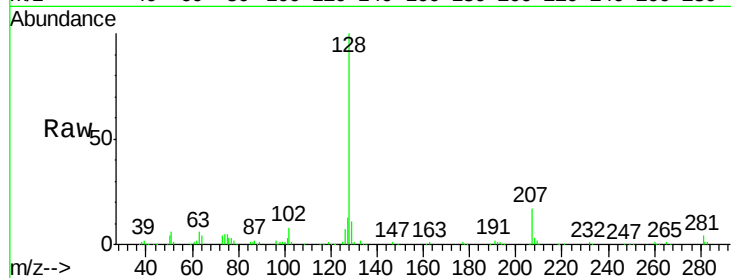
#95
Naphthalene
Concen: 18.673 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.9	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
1/30/2020 10:22:13 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.953 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN059904.D
Acq: 29 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.4	142.3
145	31.2	16.3	48.9

