

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012920\
 Data File : VN059903.D
 Acq On : 29 Jan 2020 11:28
 Operator : JC/MD
 Sample : VN0129WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0129WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/30/2020 10:22:09 AM

Quant Time: Jan 30 00:20:13 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	202382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	307979	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	277505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	129952	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	109631	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
35) Dibromofluoromethane	7.56	113	91359	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	10.08	98	349036	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
62) 4-Bromofluorobenzene	12.40	95	123689	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	41720	17.141	ug/l	97
3) Chloromethane	2.04	50	39086	16.869	ug/l	97
4) Vinyl Chloride	2.17	62	51054	19.258	ug/l	97
5) Bromomethane	2.55	94	30406	18.794	ug/l	97
6) Chloroethane	2.69	64	23965	19.107	ug/l	100
7) Trichlorofluoromethane	3.00	101	61719	19.386	ug/l	97
8) Diethyl Ether	3.39	74	21647	19.374	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	3.74	101	36396	20.540	ug/l	92
10) Methyl Iodide	3.93	142	52317	18.266	ug/l	95
11) Tert butyl alcohol	4.73	59	32776	86.628	ug/l	100
12) 1,1-Dichloroethene	3.72	96	34557	18.664	ug/l	88
13) Acrolein	3.58	56	15619	58.317	ug/l	97
14) Allyl chloride	4.29	41	49897	19.993	ug/l #	90
15) Acrylonitrile	4.95	53	79837	92.505	ug/l	99
16) Acetone	3.78	43	93783	117.018	ug/l	94
17) Carbon Disulfide	4.03	76	84734	16.065	ug/l	99
18) Methyl Acetate	4.29	43	48906	18.629	ug/l #	90
19) Methyl tert-butyl Ether	5.00	73	120373	19.939	ug/l	92
20) Methylene Chloride	4.52	84	39215	18.470	ug/l	87
21) trans-1,2-Dichloroethene	5.01	96	36827	18.711	ug/l	86
22) Diisopropyl ether	5.91	45	107350	18.981	ug/l #	93
23) Vinyl Acetate	5.86	43	391589	89.426	ug/l #	94
24) 1,1-Dichloroethane	5.82	63	67307	19.477	ug/l	97
25) 2-Butanone	6.80	43	114841	90.231	ug/l	90
26) 2,2-Dichloropropane	6.80	77	64087	19.290	ug/l	95
27) cis-1,2-Dichloroethene	6.80	96	44863	19.818	ug/l	88
28) Bromochloromethane	7.17	49	23845	17.264	ug/l #	69
29) Tetrahydrofuran	7.18	42	67152	85.275	ug/l #	85
30) Chloroform	7.35	83	71751	20.039	ug/l	97
31) Cyclohexane	7.63	56	57104	17.172	ug/l #	85
32) 1,1,1-Trichloroethane	7.55	97	65371	19.745	ug/l	96
36) 1,1-Dichloropropene	7.77	75	51041	19.031	ug/l	96
37) Ethyl Acetate	6.90	43	44528	17.702	ug/l	96
38) Carbon Tetrachloride	7.75	117	58133	19.926	ug/l	98

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Manual Integrations
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	60662	18.344	ug/l	90
40) Benzene	8.02	78	153808	19.229	ug/l	100
41) Methacrylonitrile	7.15	41	19777m	15.962	ug/l	
42) 1,2-Dichloroethane	8.10	62	55668	20.527	ug/l	97
43) Isopropyl Acetate	8.14	43	78183	18.070	ug/l #	94
44) Trichloroethene	8.82	130	46337	21.221	ug/l	94
45) 1,2-Dichloropropane	9.10	63	39444	19.928	ug/l	98
46) Dibromomethane	9.19	93	28223	20.214	ug/l	91
47) Bromodichloromethane	9.39	83	56637	20.130	ug/l	99
48) Methyl methacrylate	9.18	41	33681	17.403	ug/l	89
49) 1,4-Dioxane	9.18	88	13541	382.201	ug/l #	85
51) 4-Methyl-2-Pentanone	9.97	43	223212	89.244	ug/l	94
52) Toluene	10.14	92	99507	19.695	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	61487	19.572	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	65774	19.898	ug/l	94
55) 1,1,2-Trichloroethane	10.55	97	41051	20.515	ug/l	95
56) Ethyl methacrylate	10.42	69	55245	18.068	ug/l	93
57) 1,3-Dichloropropane	10.70	76	64644	20.348	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.68	63	85239	92.556	ug/l	91
59) 2-Hexanone	10.74	43	165965	90.071	ug/l	94
60) Dibromochloromethane	10.89	129	46842	20.557	ug/l	99
61) 1,2-Dibromoethane	10.99	107	42026	20.038	ug/l	97
64) Tetrachloroethene	10.62	164	51422	22.736	ug/l	95
65) Chlorobenzene	11.43	112	111142	20.376	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	43163	20.480	ug/l	99
67) Ethyl Benzene	11.51	91	196849	19.881	ug/l	98
68) m/p-Xylenes	11.62	106	148243	39.635	ug/l	94
69) o-Xylene	11.94	106	71850	19.622	ug/l	94
70) Styrene	11.96	104	114548	18.695	ug/l	97
71) Bromoform	12.12	173	33602	19.904	ug/l #	100
73) Isopropylbenzene	12.25	105	198637	20.842	ug/l	99
74) N-amyl acetate	12.07	43	62984	17.031	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	52712	19.078	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	49936m	22.834	ug/l	
77) Bromobenzene	12.52	156	50253	20.821	ug/l	80
78) n-propylbenzene	12.59	91	215706	20.165	ug/l	97
79) 2-Chlorotoluene	12.67	91	127786	20.080	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	163783	20.434	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	18722	18.384	ug/l	93
82) 4-Chlorotoluene	12.77	91	129142	20.232	ug/l	95
83) tert-Butylbenzene	12.99	119	141560	20.421	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	162370	20.476	ug/l	99
85) sec-Butylbenzene	13.17	105	184401	20.246	ug/l	99
86) p-Isopropyltoluene	13.28	119	170464	20.227	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	86509	20.635	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	84879	20.295	ug/l	98
89) n-Butylbenzene	13.61	91	141541	19.698	ug/l	98
90) Hexachloroethane	13.87	117	30018	19.038	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	85137	20.541	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11288	17.685	ug/l	86

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	47932	19.246	ug/l	97
94) Hexachlorobutadiene	15.01	225	27151	19.784	ug/l	98
95) Naphthalene	15.13	128	125861	17.768	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	47431	19.566	ug/l	98

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

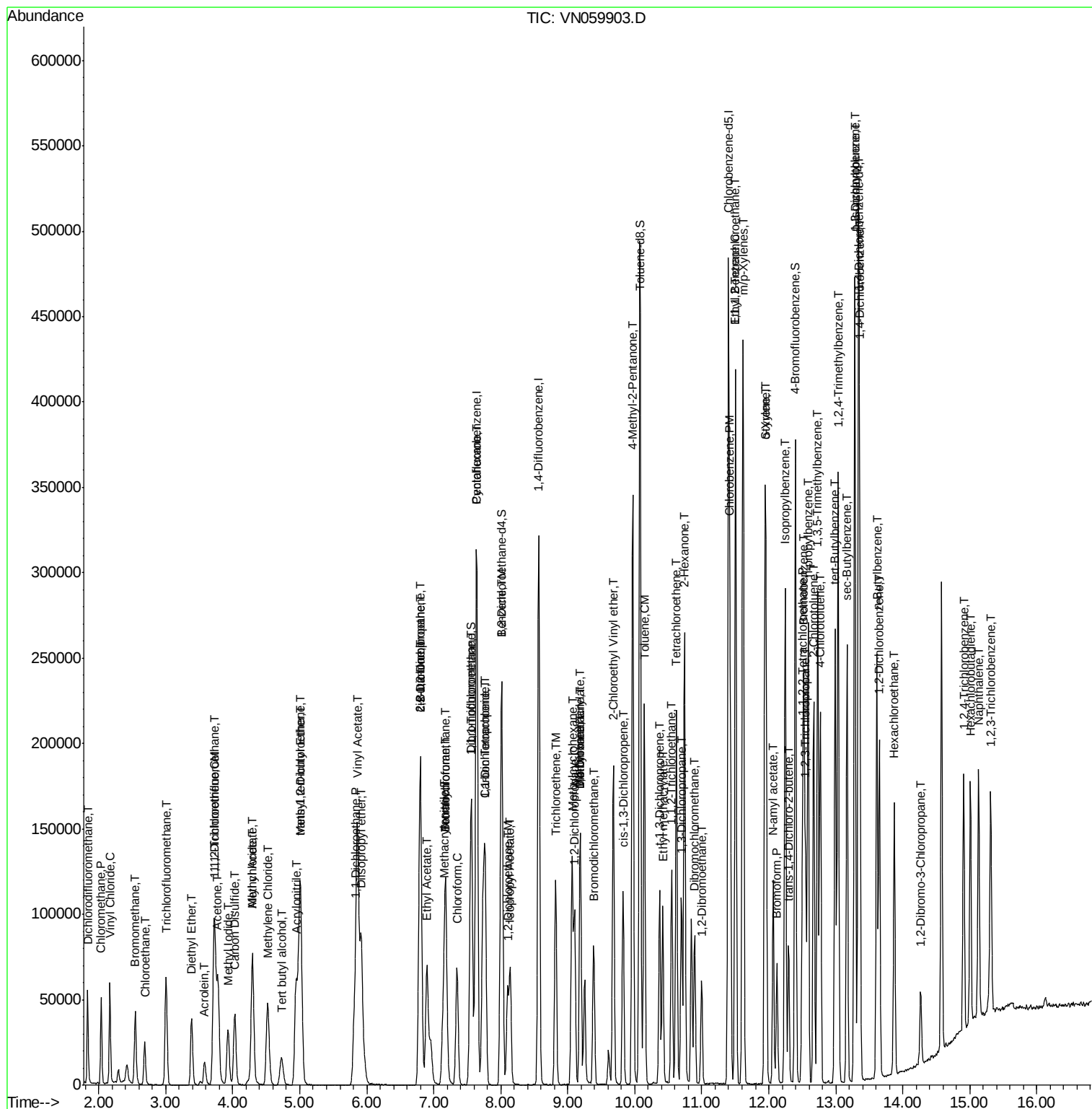
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Data File : VN059903.D
Acq On : 29 Jan 2020 11:28
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059903.D

Acq: 29 Jan 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBS01

Tot Ion:168 Resp: 202382

Ion Ratio Lower Upper

168 100

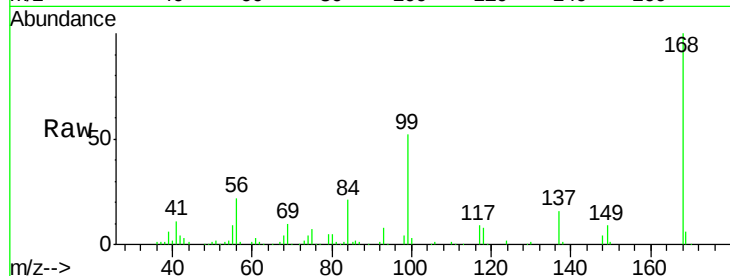
99 52.3 48.2 72.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

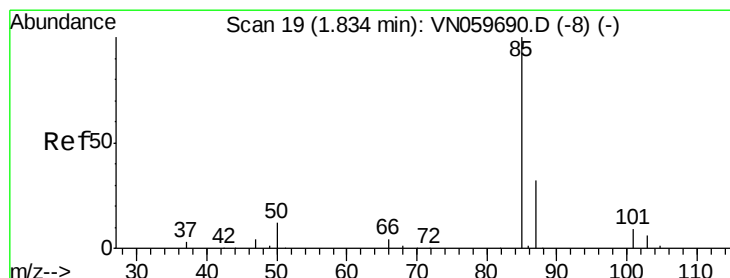
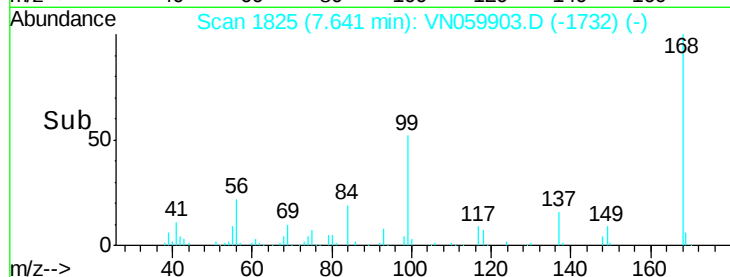
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 17.141 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059903.D

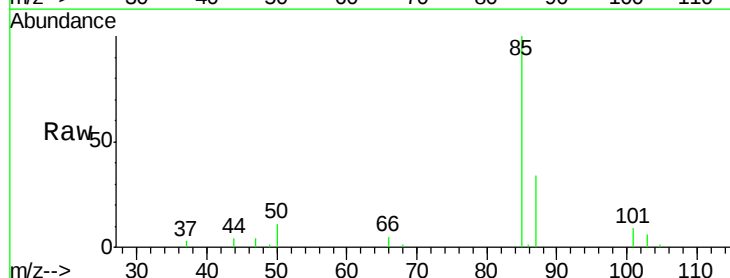
Acq: 29 Jan 2020 11:28

Tgt Ion: 85 Resp: 41720

Ion Ratio Lower Upper

85 100

87 33.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

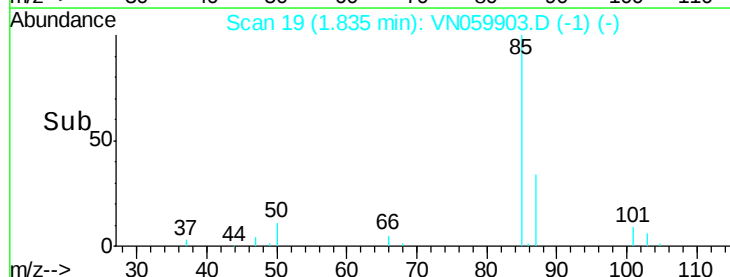
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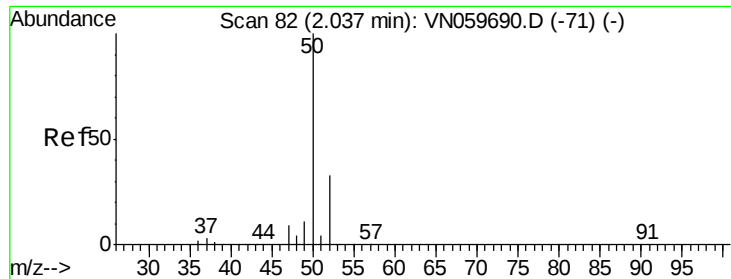
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 16.869 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059903.D

Acq: 29 Jan 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBS01

Tot Ion: 50 Resp: 39086

Ion Ratio Lower Upper

50 100

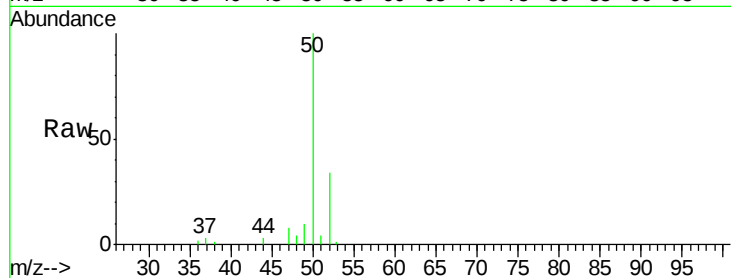
52 33.8 25.9 38.9

Manual Integrations

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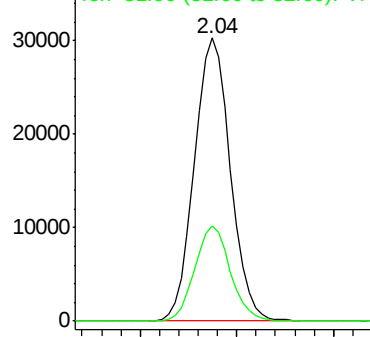
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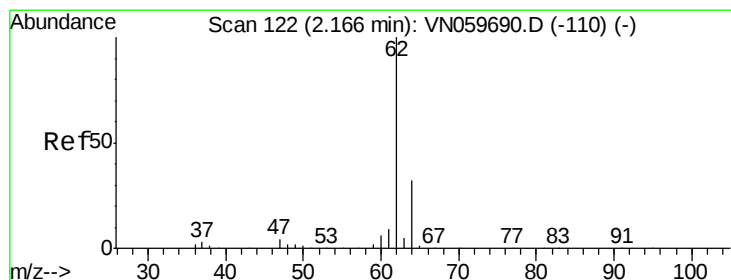
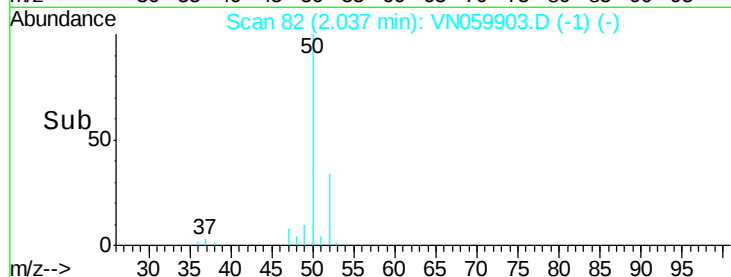


Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



Time-->



#4

Vinyl Chloride

Concen: 19.258 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059903.D

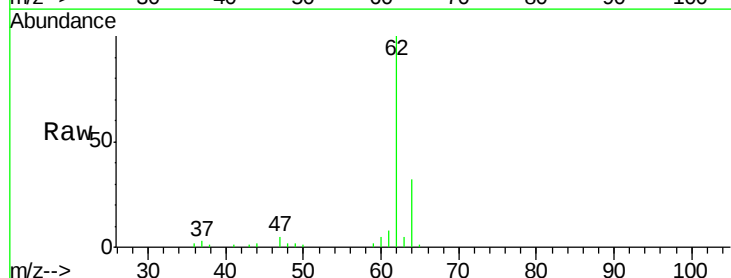
Acq: 29 Jan 2020 11:28

Tgt Ion: 62 Resp: 51054

Ion Ratio Lower Upper

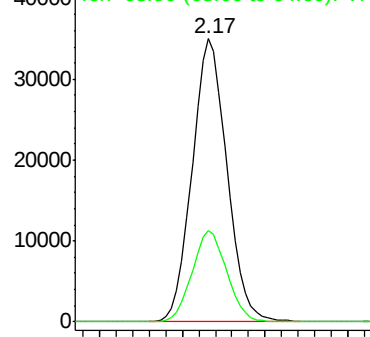
62 100

64 32.5 24.6 37.0

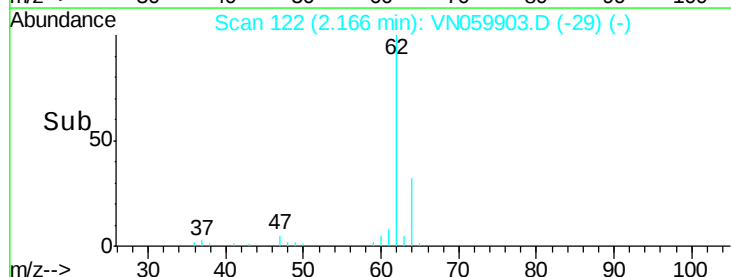


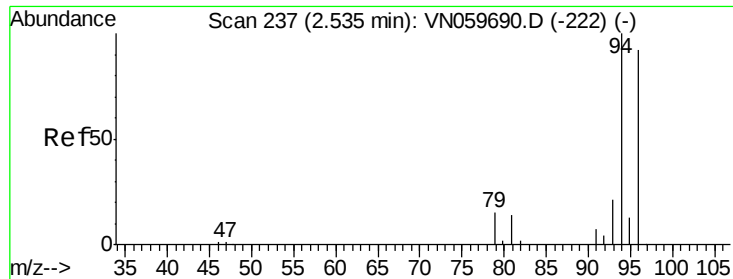
Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0



Time-->





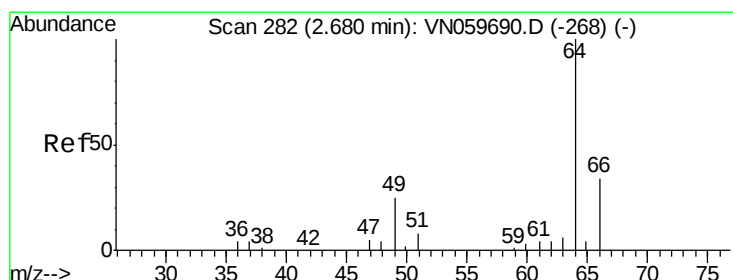
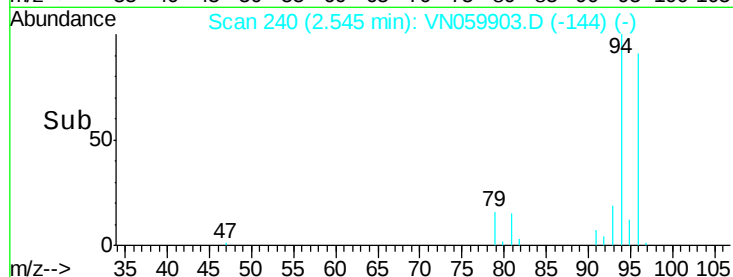
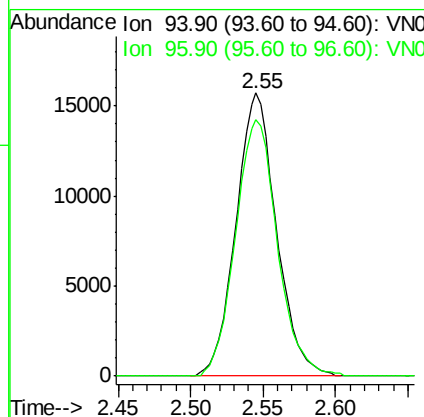
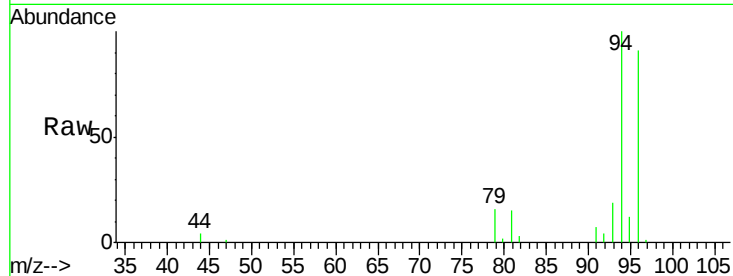
#5
Bromomethane
Concen: 18.794 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.01 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Instrument :
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Tot Ion: 94 Resp: 30406
Ion Ratio Lower Upper
94 100
96 90.7 74.7 112.1

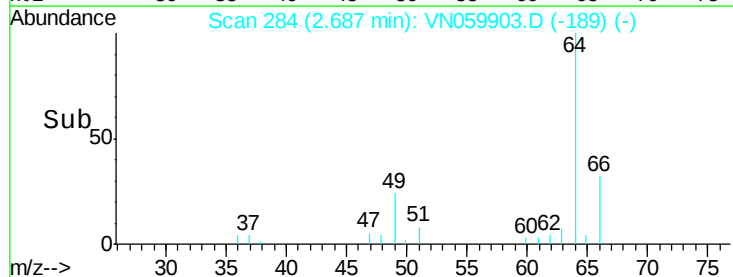
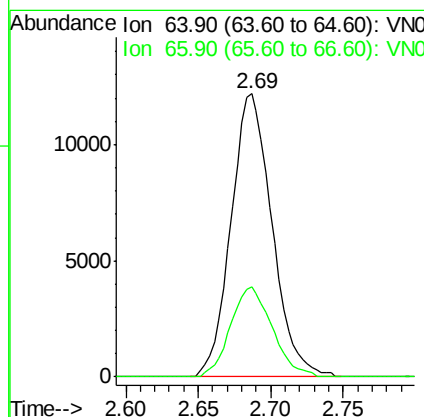
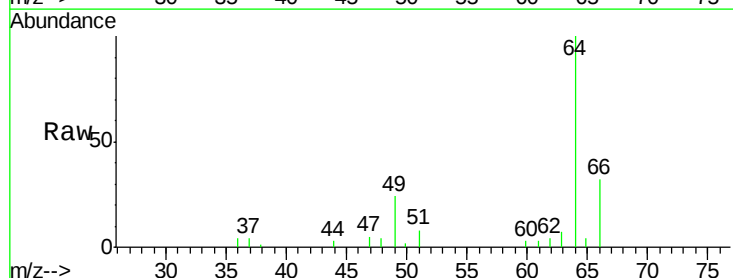
Manual Integrations
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#6
Chloroethane
Concen: 19.107 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.01 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Tgt Ion: 64 Resp: 23965
Ion Ratio Lower Upper
64 100
66 31.6 25.1 37.7





#7

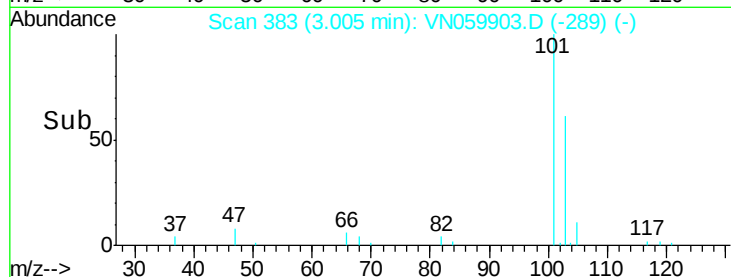
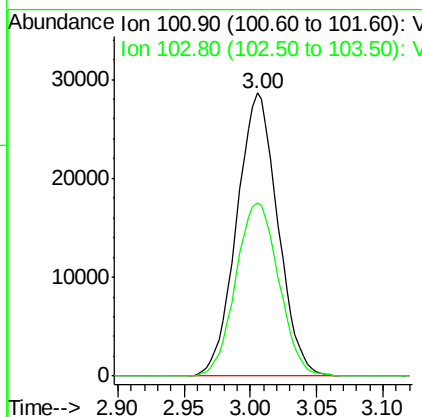
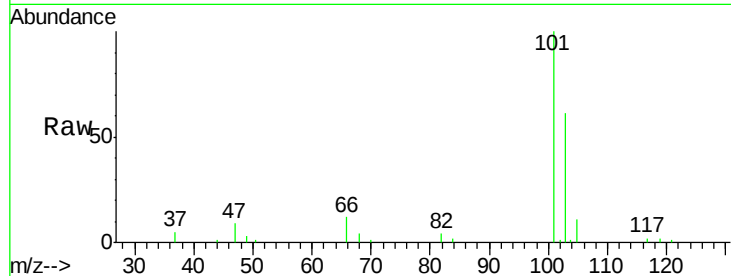
Trichlorofluoromethane
 Concen: 19.386 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN059903.D
 Acq: 29 Jan 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0129WBS01

Tot Ion:101 Resp: 61719
 Ion Ratio Lower Upper
 101 100
 103 61.1 51.0 76.6

Manual Integrations
 APPROVED

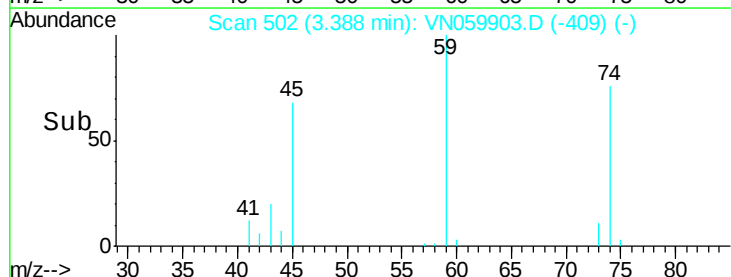
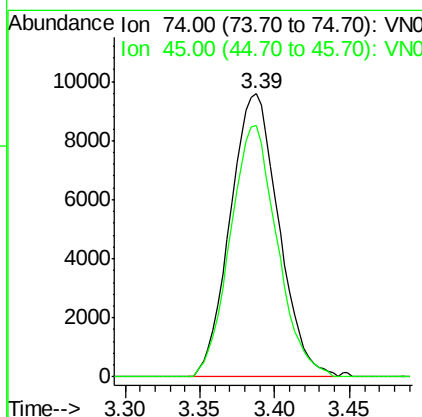
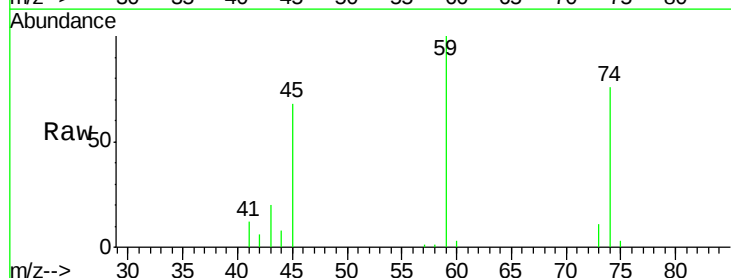
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 1/30/2020 10:22:09 AM



#8

Diethyl Ether
 Concen: 19.374 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: VN059903.D
 Acq: 29 Jan 2020 11:28

Tgt Ion: 74 Resp: 21647
 Ion Ratio Lower Upper
 74 100
 45 85.8 51.9 155.8





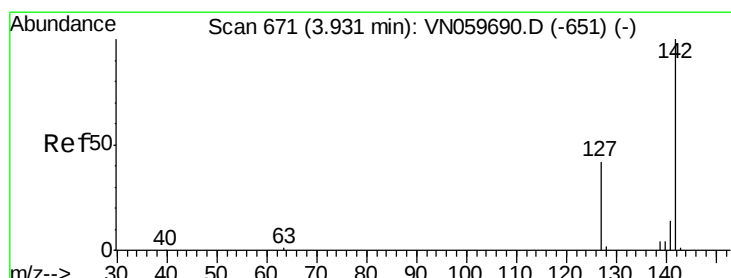
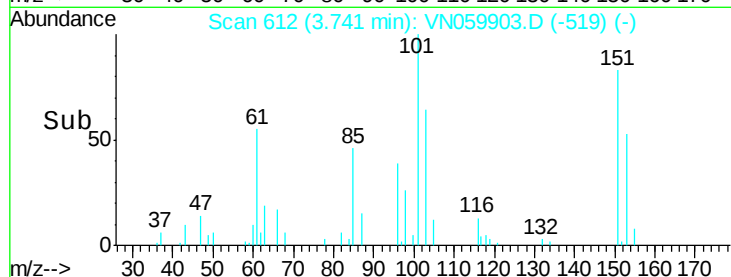
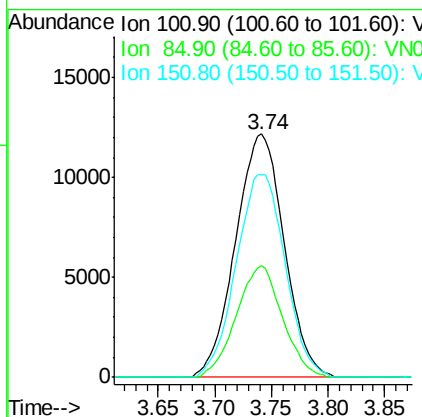
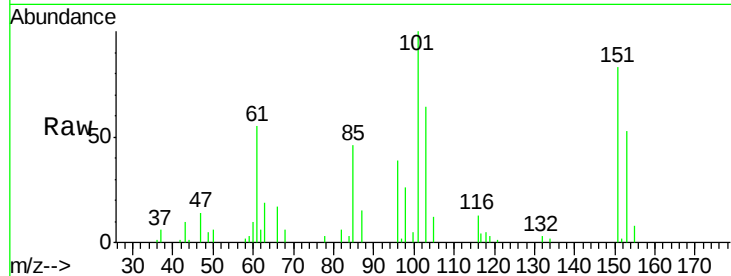
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.540 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.5	36.6	54.8
151	83.9	59.7	89.5

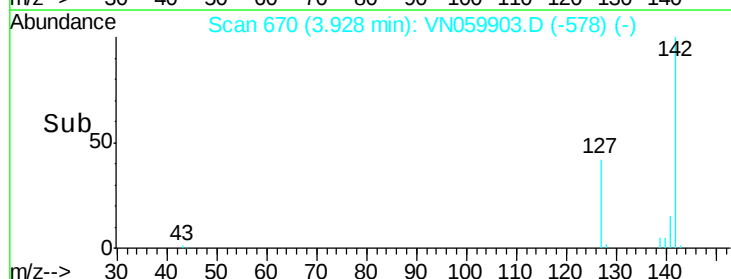
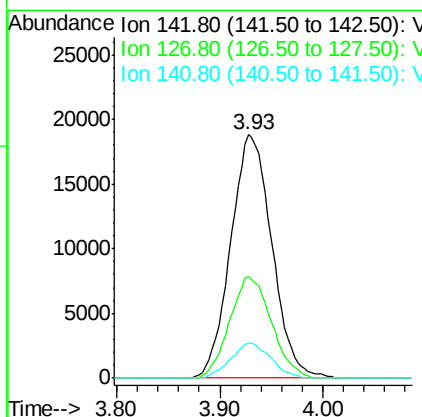
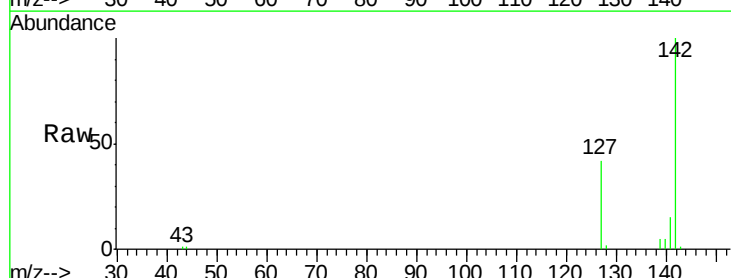
Manual Integrations
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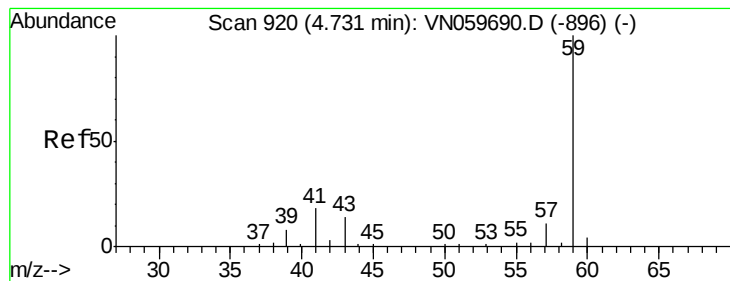
MMDadoda
1/30/2020 10:22:09 AM



#10
Methyl Iodide
Concen: 18.266 ug/l
RT: 3.93 min Scan# 670
Delta R.T. -0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.1	36.7	55.1
141	14.0	11.7	17.5





#11

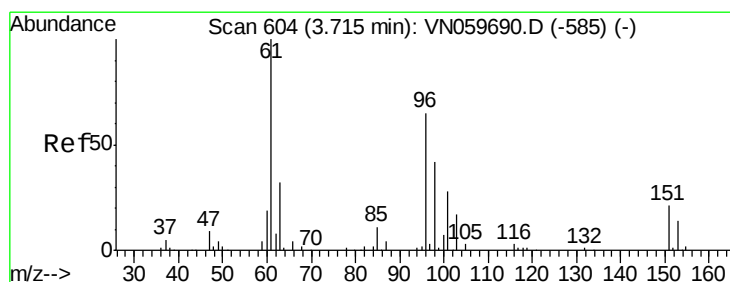
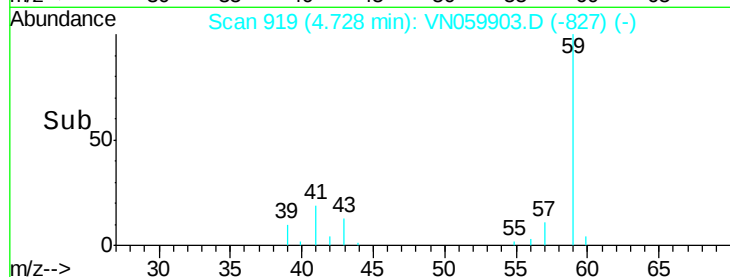
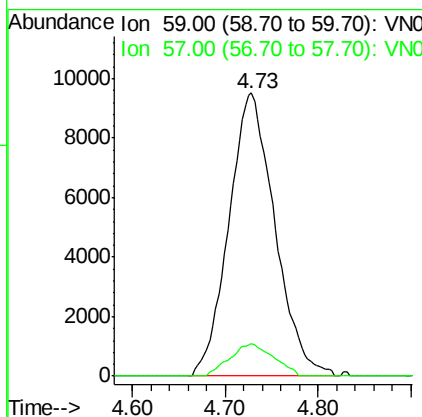
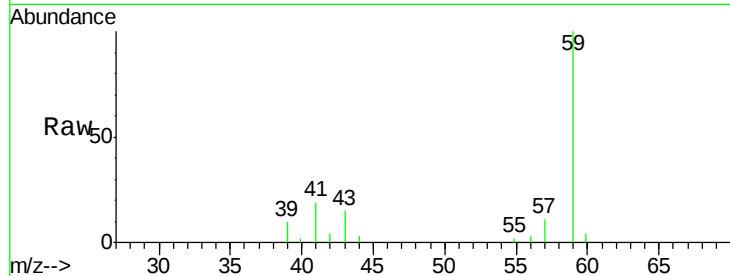
Tert butyl alcohol
 Concen: 86.628 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VN059903.D
 Acq: 29 Jan 2020 11:28

Instrument :
 MSVOA_N
 ClientSampled :
 VN0129WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.6	12.8

Manual Integrations
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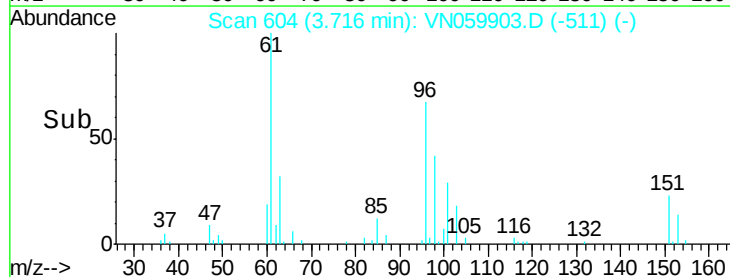
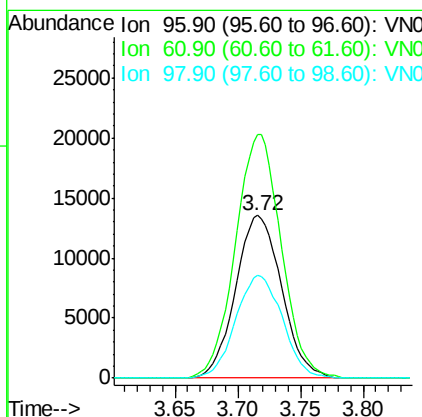
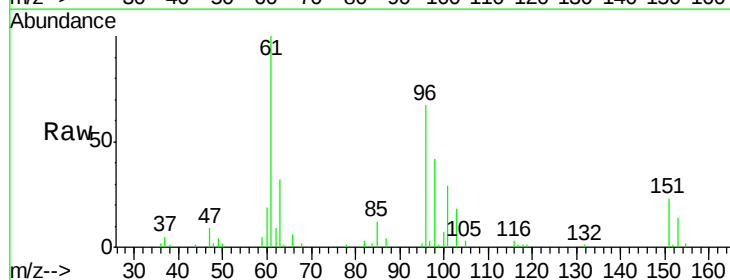
MMDadoda
 1/30/2020 10:22:09 AM



#12

1,1-Dichloroethene
 Concen: 18.664 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN059903.D
 Acq: 29 Jan 2020 11:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.7	137.5	206.3
98	63.3	50.2	75.4





#13

Acrolein

Concen: 58.317 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059903.D

Acq: 29 Jan 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBS01

Tot Ion: 56 Resp: 15619

Ion Ratio Lower Upper

56 100

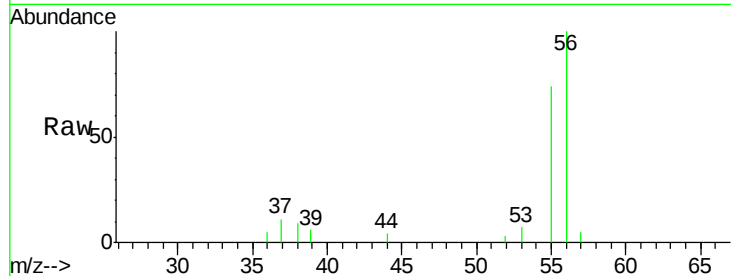
55 70.9 58.6 88.0

Manual Integrations

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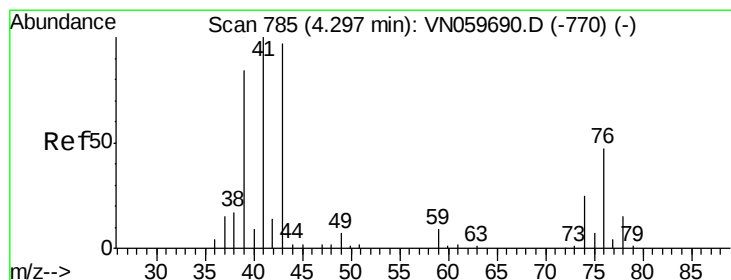
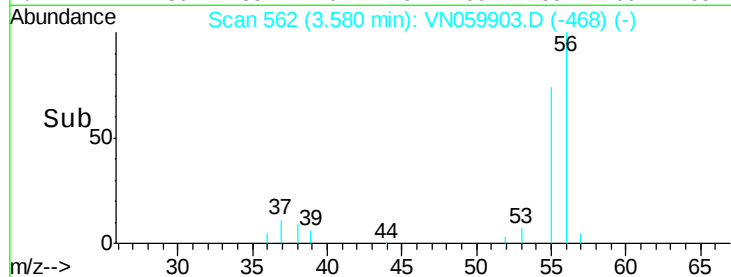
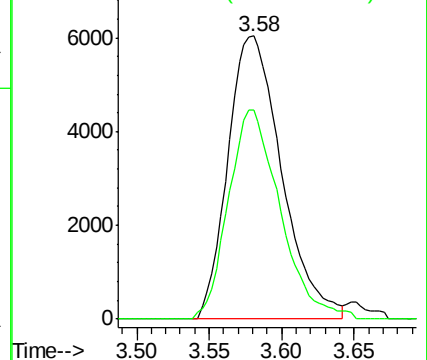
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.993 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059903.D

Acq: 29 Jan 2020 11:28

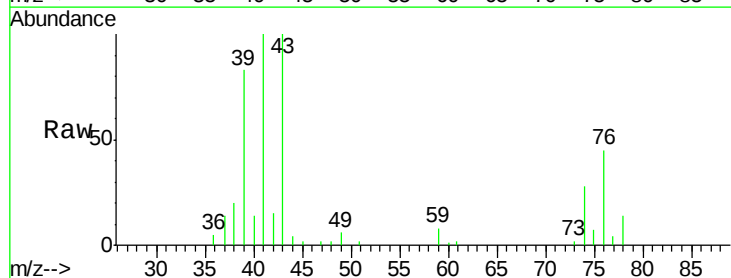
Tgt Ion: 41 Resp: 49897

Ion Ratio Lower Upper

41 100

39 78.0 57.8 86.8

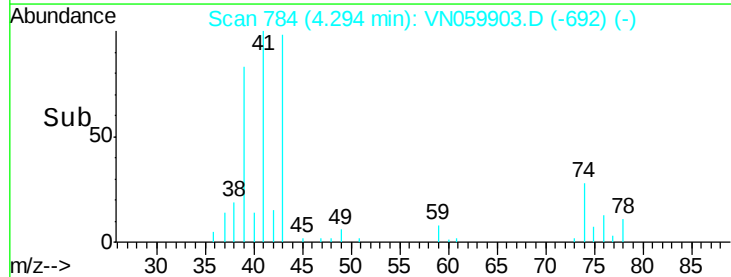
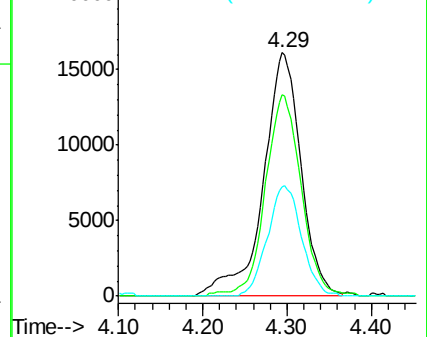
76 41.1 25.4 38.0#

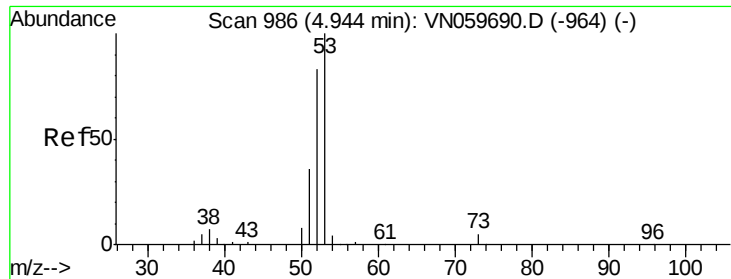


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 92.505 ug/l

RT: 4.95 min Scan# 987

Delta R.T. 0.00 min

Lab File: VN059903.D

Acq: 29 Jan 2020 11:28

Instrument :

MSVOA_N

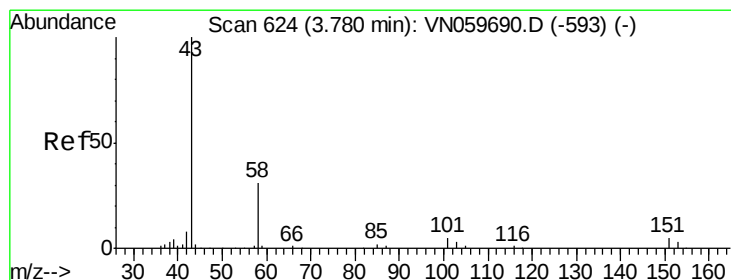
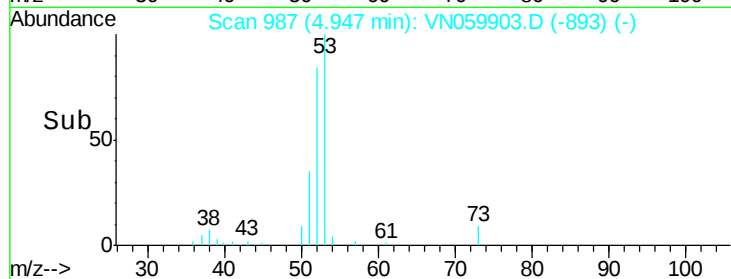
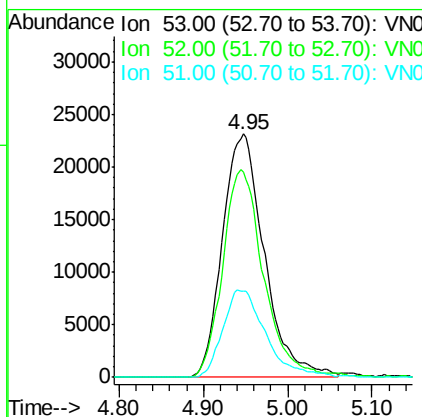
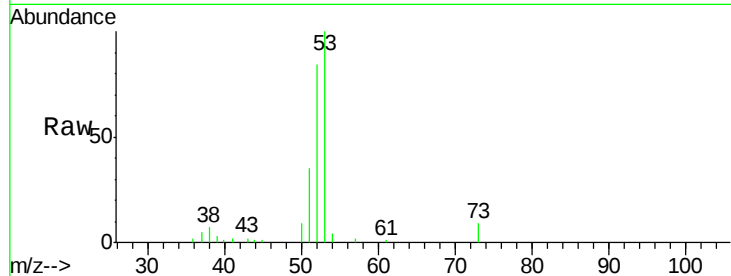
ClientSampleId :

VN0129WBS01

Tot Ion:	53	Resp:	79837
Ion Ratio		Lower	Upper
53	100		
52	83.8	66.3	99.5
51	36.5	29.7	44.5

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#16

Acetone

Concen: 117.018 ug/l

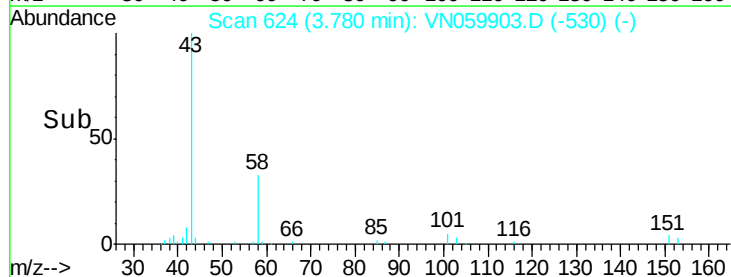
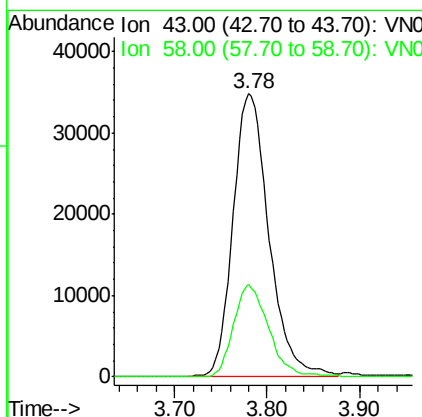
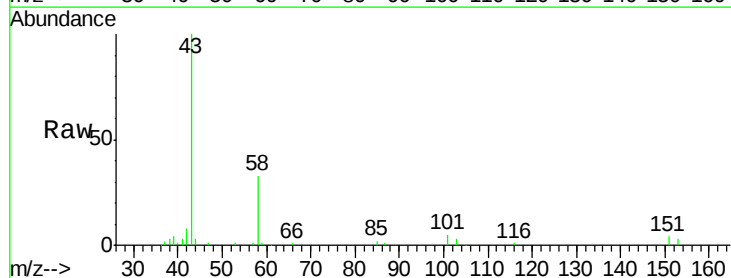
RT: 3.78 min Scan# 624

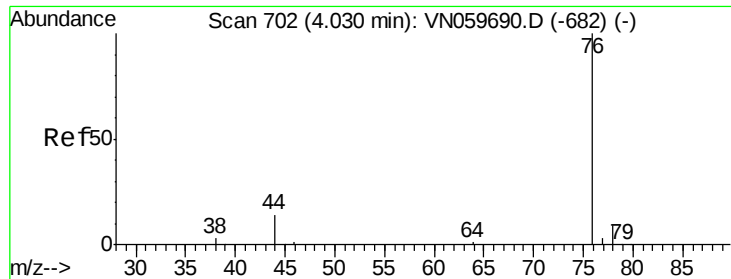
Delta R.T. 0.00 min

Lab File: VN059903.D

Acq: 29 Jan 2020 11:28

Tgt Ion:	43	Resp:	93783
Ion Ratio		Lower	Upper
43	100		
58	32.5	23.6	35.4





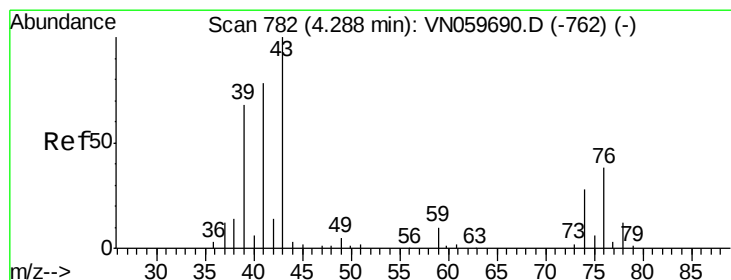
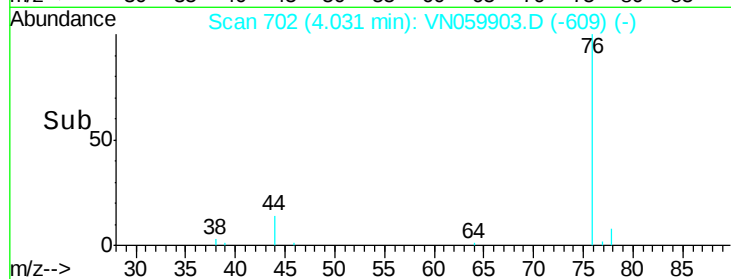
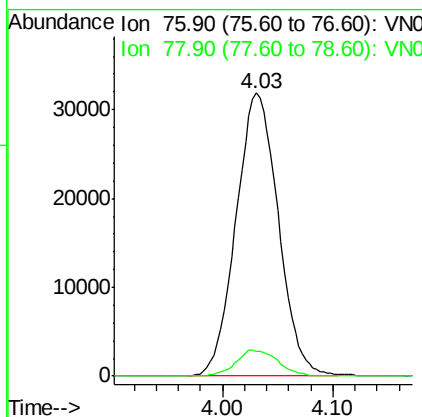
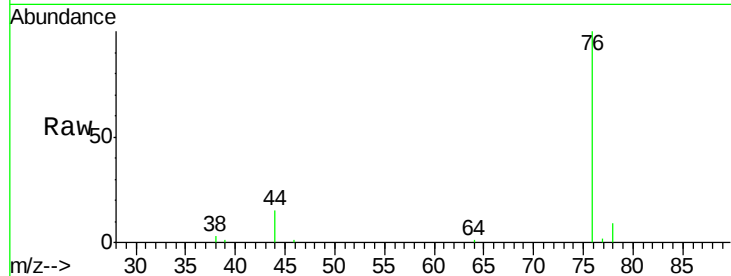
#17
Carbon Disulfide
Concen: 16.065 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tot Ion: 76 Resp: 84734
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

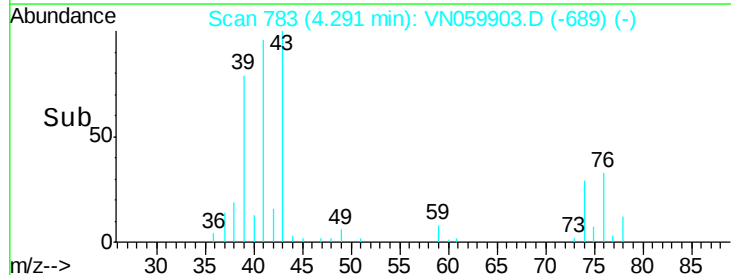
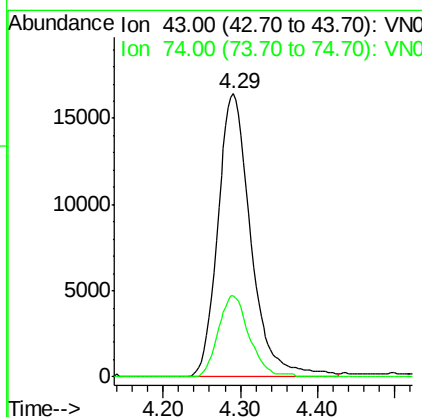
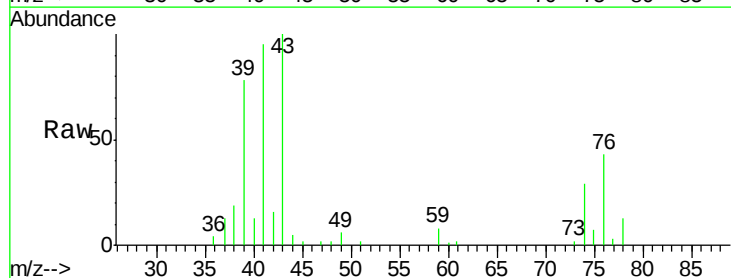
Manual Integrations
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#18
Methyl Acetate
Concen: 18.629 ug/l
RT: 4.29 min Scan# 783
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Tgt Ion: 43 Resp: 48906
Ion Ratio Lower Upper
43 100
74 26.4 17.5 26.3#





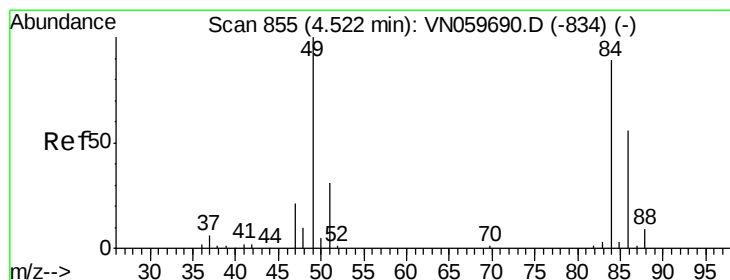
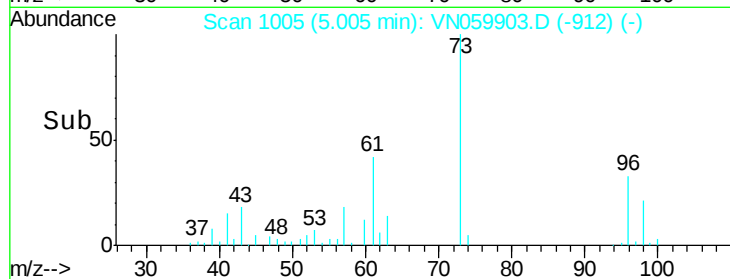
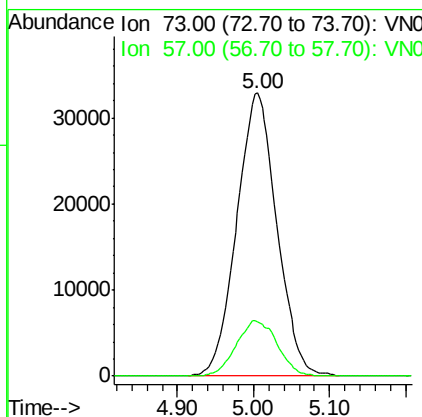
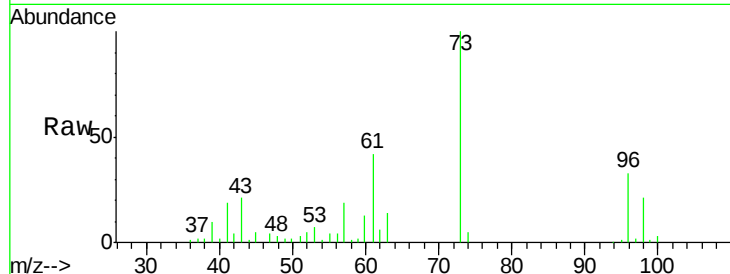
#19
Methvl tert-butvl Ether
Concen: 19.939 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Instrument :
MSVOA_N
ClientSampled :
VN0129WBS01

Tot Ion: 73 Resp: 120373
Ion Ratio Lower Upper
73 100
57 19.4 18.6 27.8

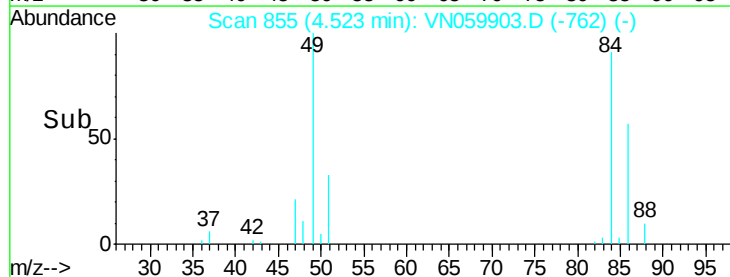
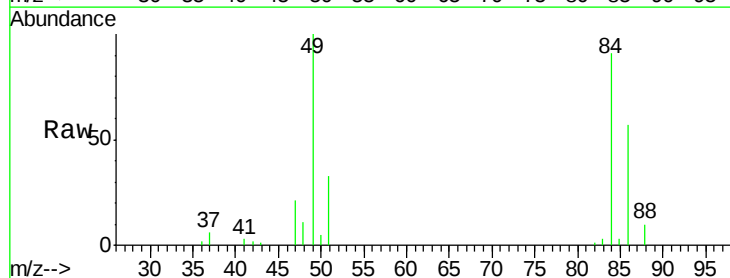
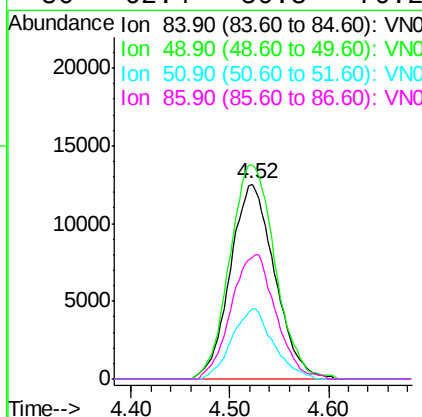
Manual Integrations
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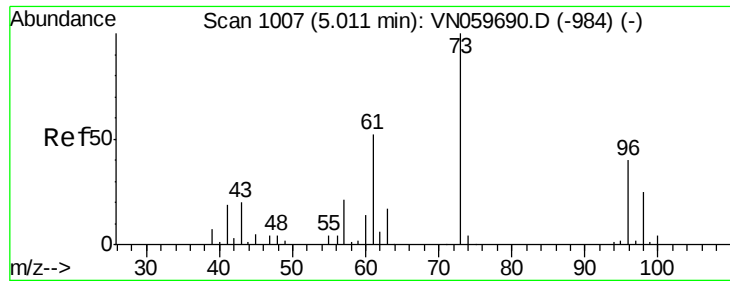
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#20
Methylene Chloride
Concen: 18.470 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Tgt Ion: 84 Resp: 39215
Ion Ratio Lower Upper
84 100
49 109.8 106.6 160.0
51 36.1 31.9 47.9
86 62.4 50.8 76.2





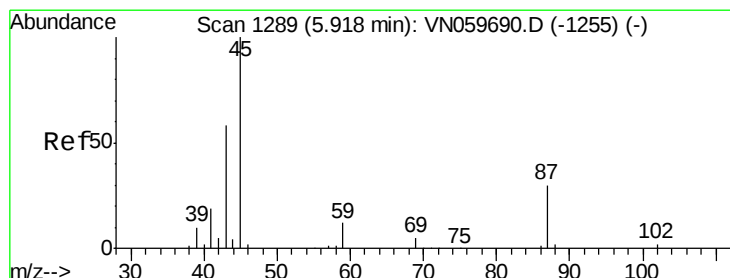
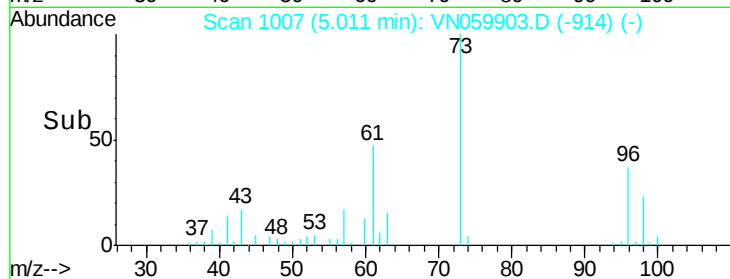
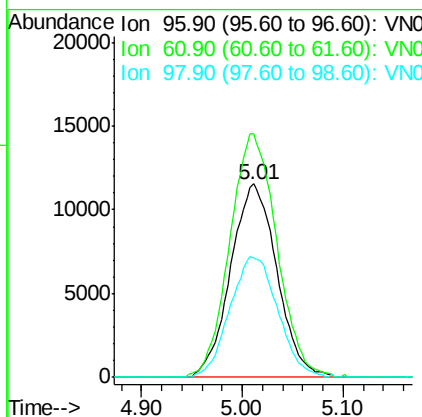
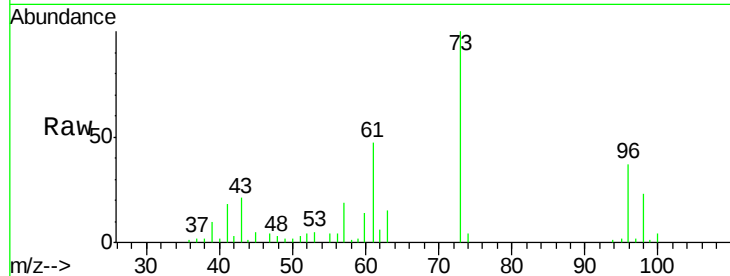
#21
trans-1,2-Dichloroethene
Concen: 18.711 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.6	120.4	180.6
98	61.7	50.6	75.8

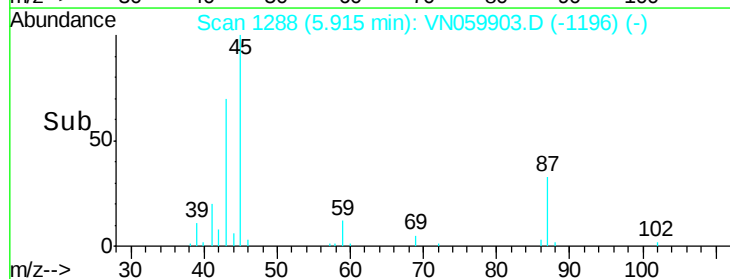
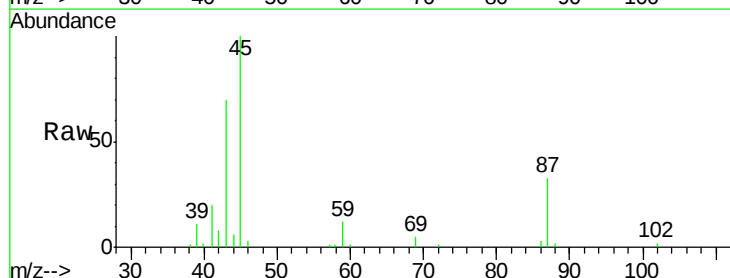
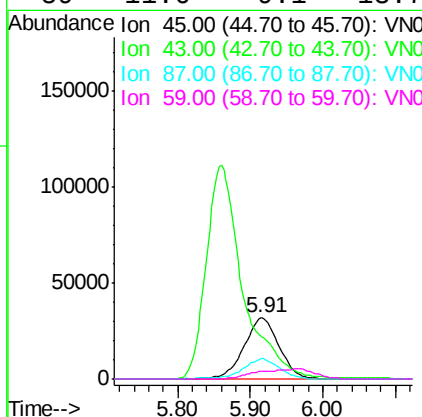
Manual Integrations
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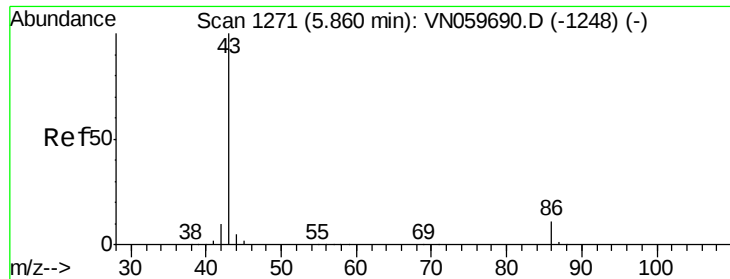
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#22
Diisopropyl ether
Concen: 18.981 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Tgt Ion	Ratio	Lower	Upper
45	100		
43	67.9	50.8	76.2
87	33.3	21.0	31.6
59	11.6	9.1	13.7





#23

Vinyl Acetate

Concen: 89.426 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VN059903.D

Acq: 29 Jan 2020 11:28

Instrument :

MSVOA_N

ClientSampled :

VN0129WBS01

Tot Ion: 43 Resp: 391589

Ion Ratio Lower Upper

43 100

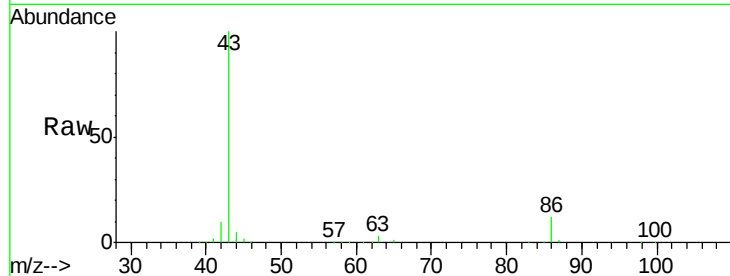
86 11.6 7.6 11.4#

Manual Integrations

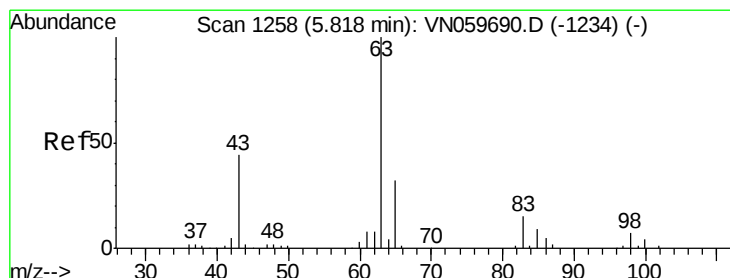
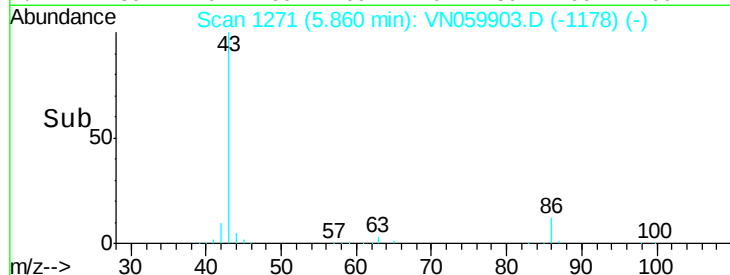
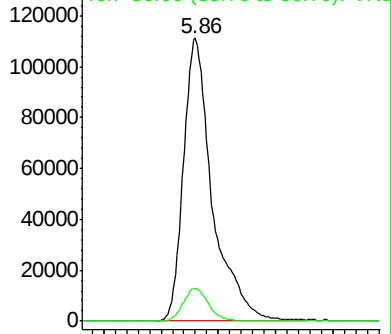
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Abundance Ion 43.00 (42.70 to 43.70): VN059903.D (-1178) (-)



#24

1,1-Dichloroethane

Concen: 19.477 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VN059903.D

Acq: 29 Jan 2020 11:28

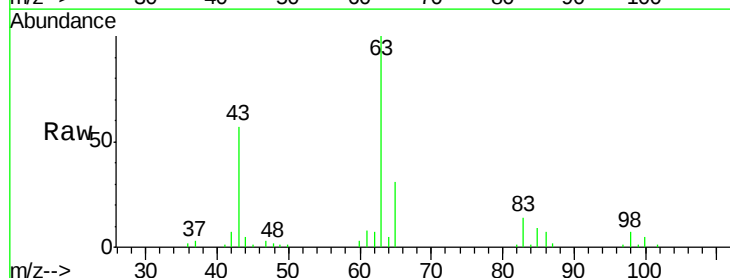
Tgt Ion: 63 Resp: 67307

Ion Ratio Lower Upper

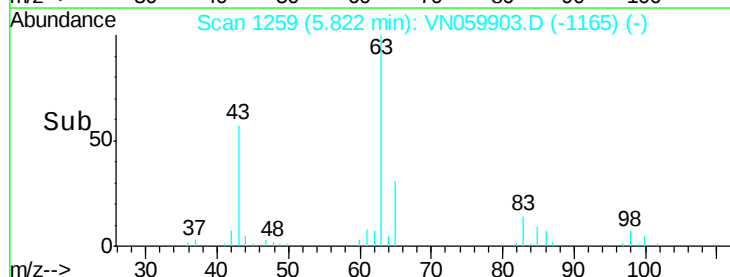
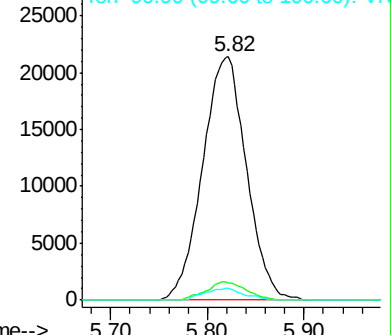
63 100

98 7.2 2.9 8.7

100 4.8 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN059903.D (-1165) (-)





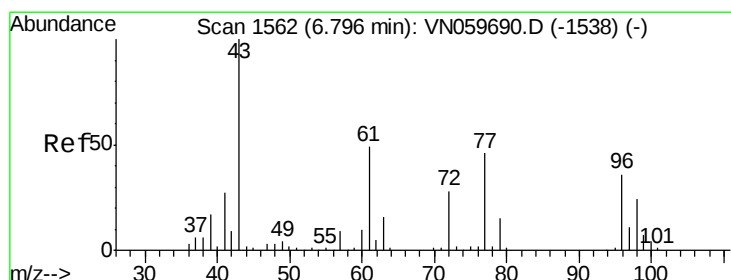
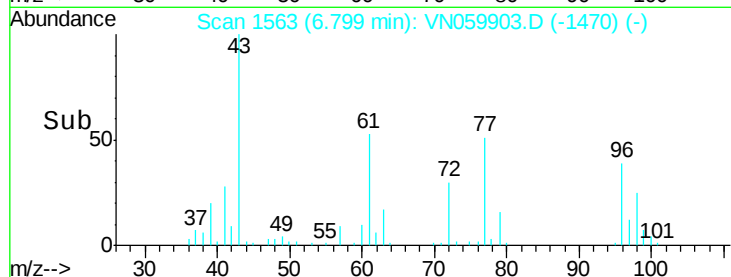
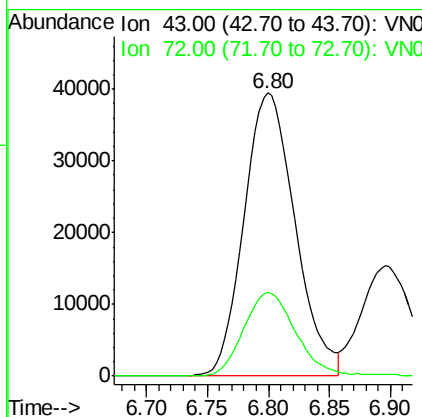
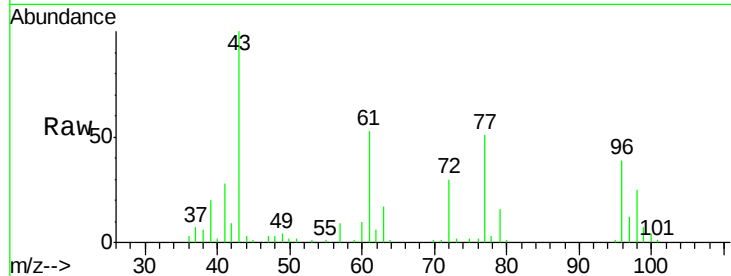
#25
2-Butanone
Concen: 90.231 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tot Ion: 43 Resp: 114841
Ion Ratio Lower Upper
43 100
72 29.7 19.9 29.9

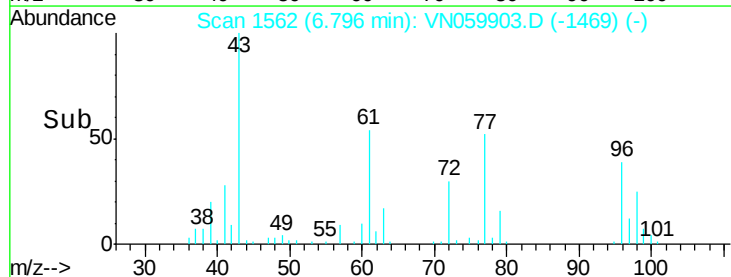
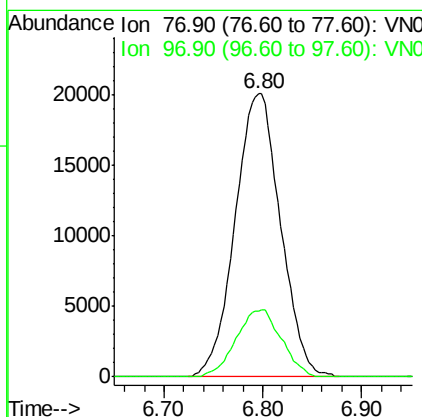
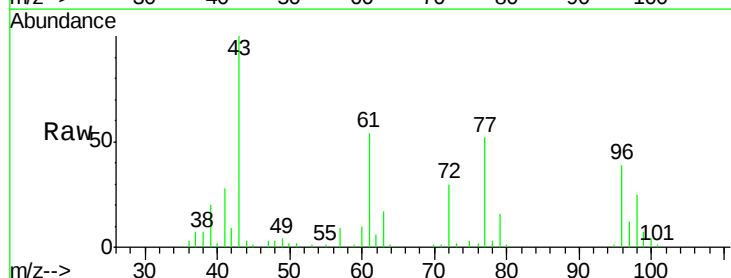
Manual Integrations
APPROVED

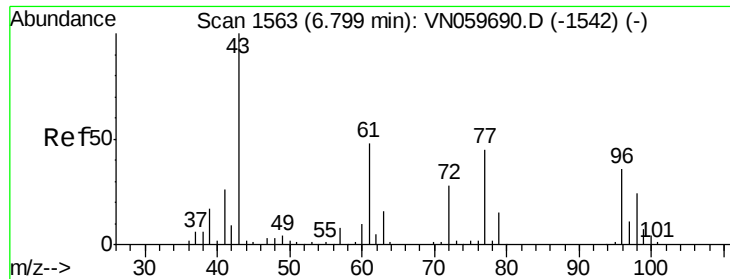
MMDadoda
1/30/2020 10:22:09 AM



#26
2,2-Dichloropropane
Concen: 19.290 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Tgt Ion: 77 Resp: 64087
Ion Ratio Lower Upper
77 100
97 23.6 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 19.818 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059903.D

Acq: 29 Jan 2020 11:28

Instrument :

MSVOA_N

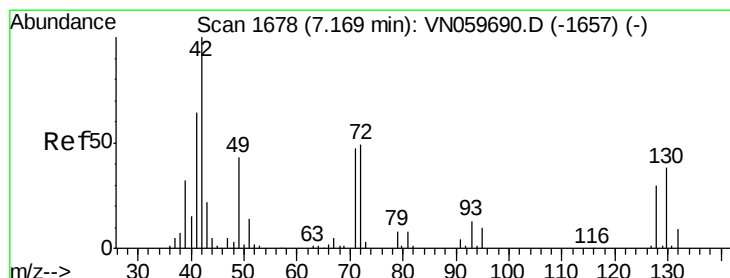
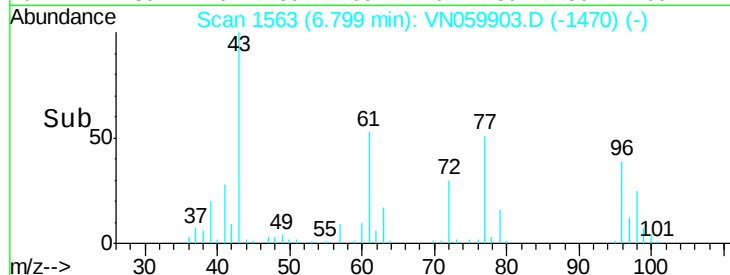
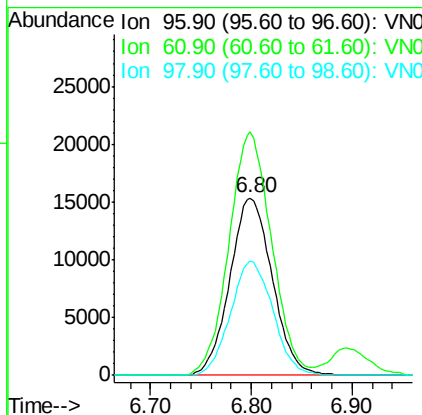
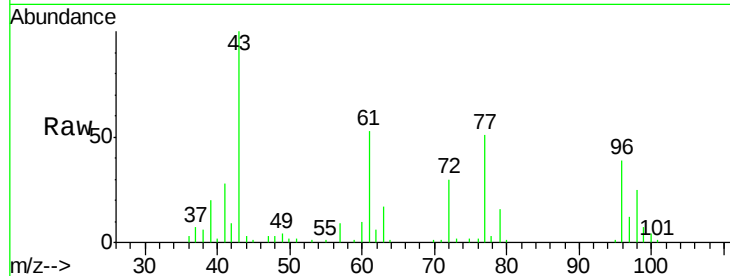
ClientSampled :

VN0129WBS01

Tot Ion:	96	Resp:	44863
Ion	Ratio	Lower	Upper
96	100		
61	137.4	0.0	317.6
98	64.1	0.0	127.0

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#28

Bromochloromethane

Concen: 17.264 ug/l

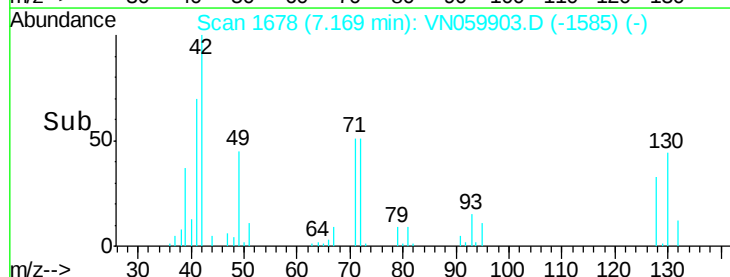
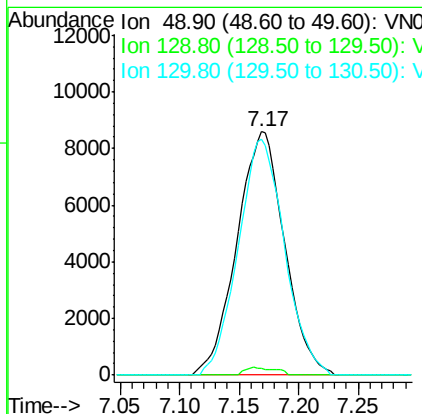
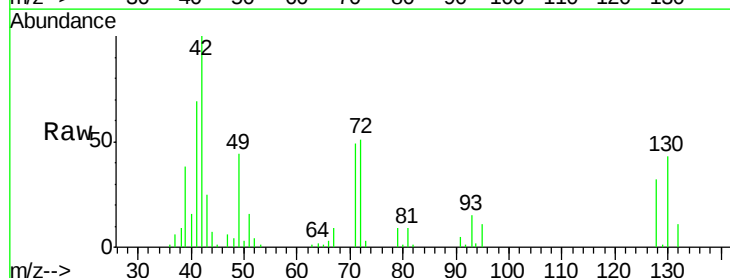
RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN059903.D

Acq: 29 Jan 2020 11:28

Tgt Ion:	49	Resp:	23845
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.4
130	94.2	54.7	82.1#





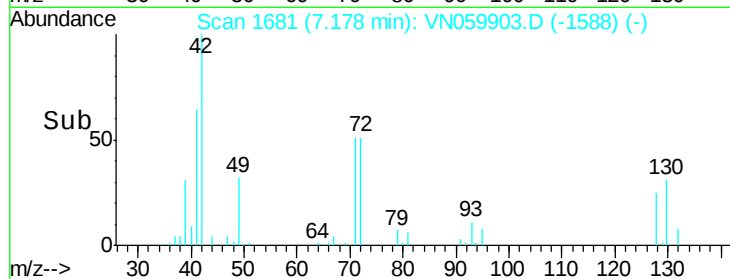
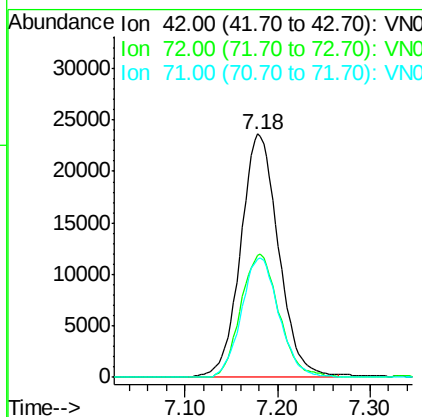
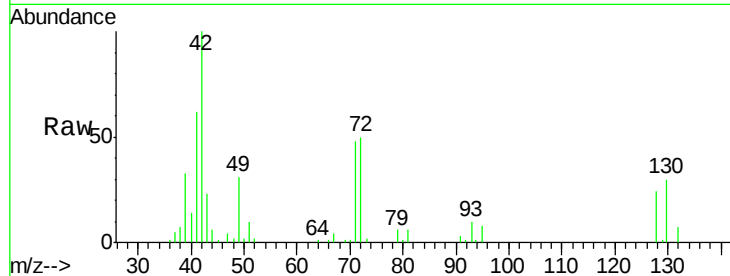
#29
Tetrahydrofuran
Concen: 85.275 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.8	33.1	49.7#
71	48.5	31.4	47.0#

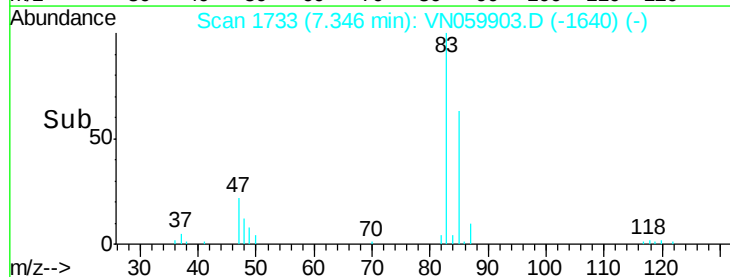
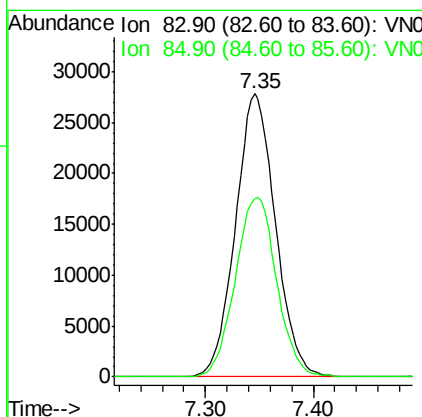
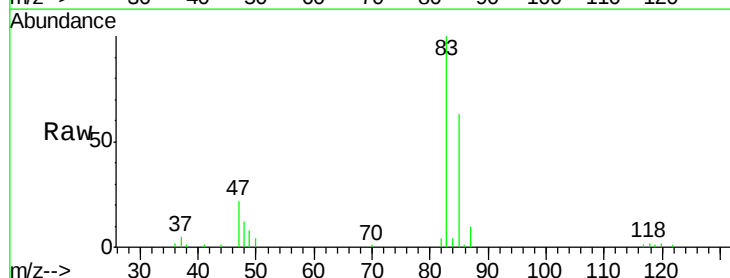
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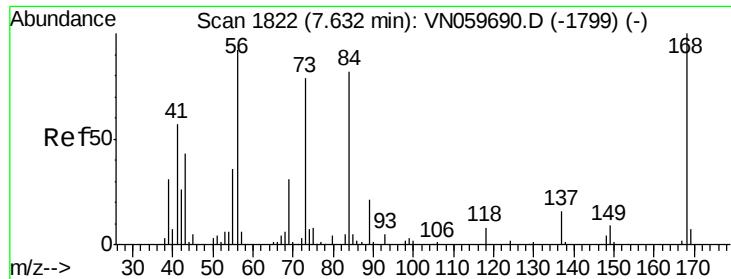
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#30
Chloroform
Concen: 20.039 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	52.4	78.6





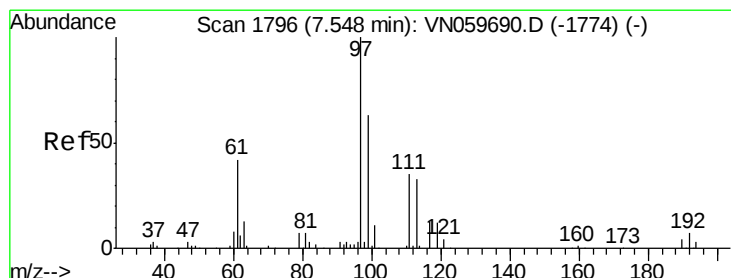
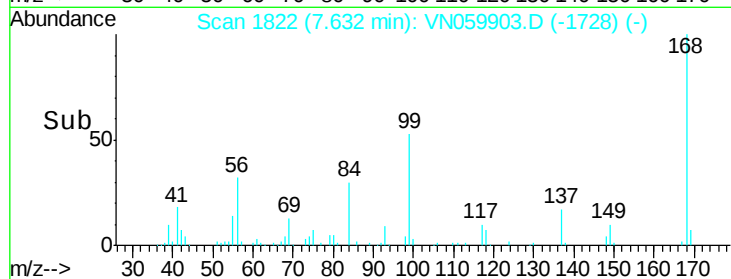
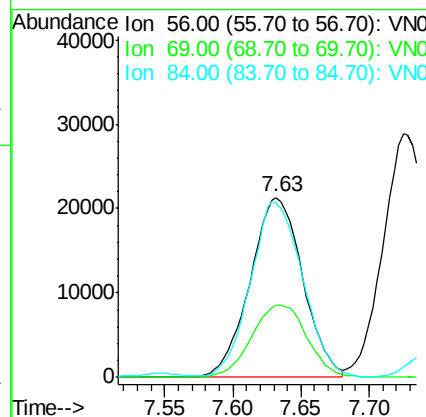
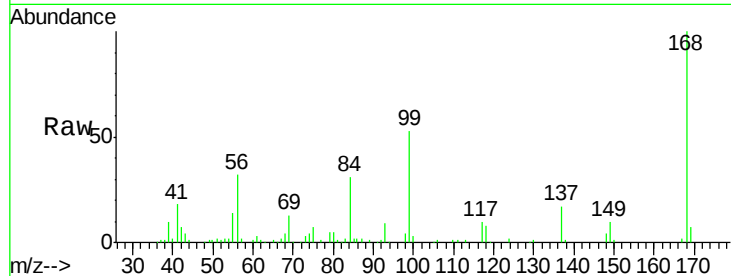
#31
Cyclohexane
Concen: 17.172 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Instrument :
MSVOA_N
ClientSampled :
VN0129WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.8	26.5	39.7#
84	95.7	65.3	97.9

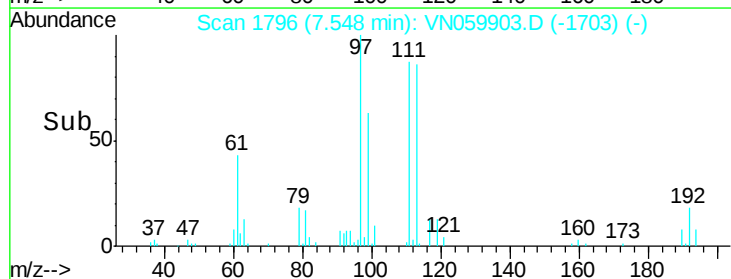
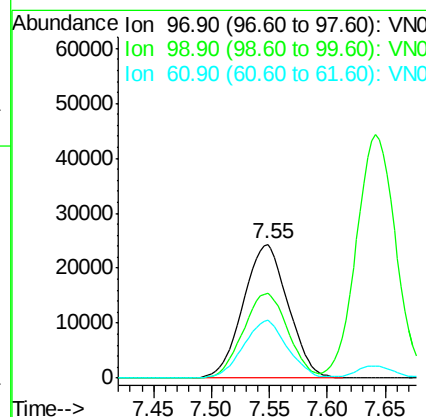
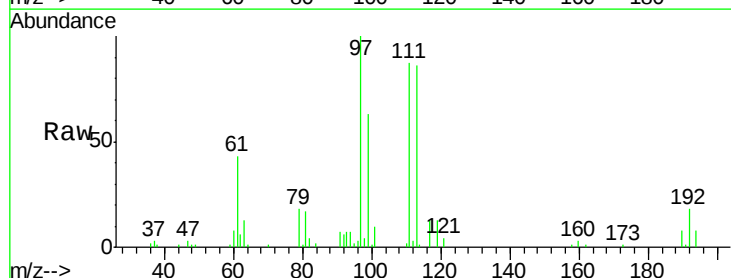
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#32
1,1,1-Trichloroethane
Concen: 19.745 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.0	76.4
61	42.4	38.5	57.7





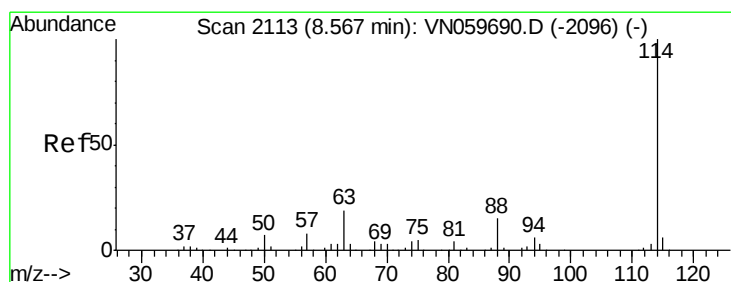
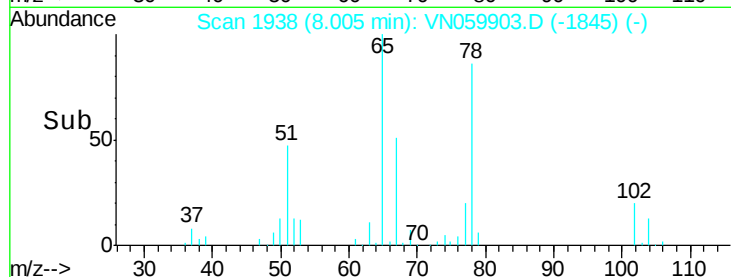
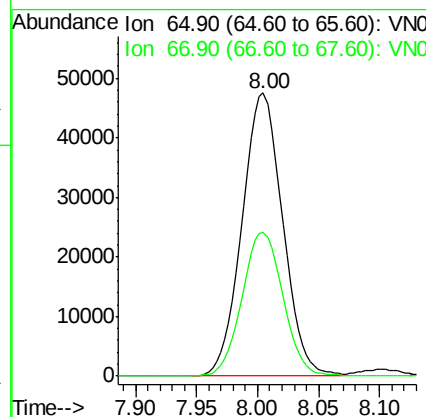
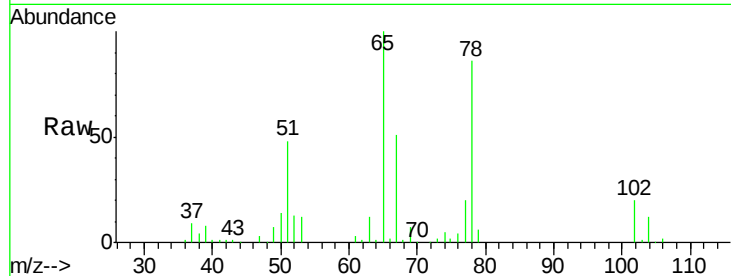
#33
 1,2-Dichloroethane-d4
 Concen: 48.779 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059903.D
 Acq: 29 Jan 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0129WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	109631		
67	51.2	0.0	103.0	

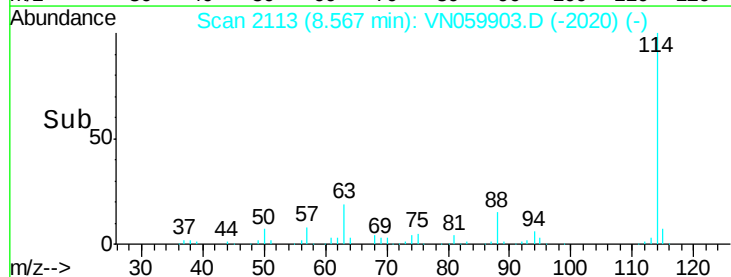
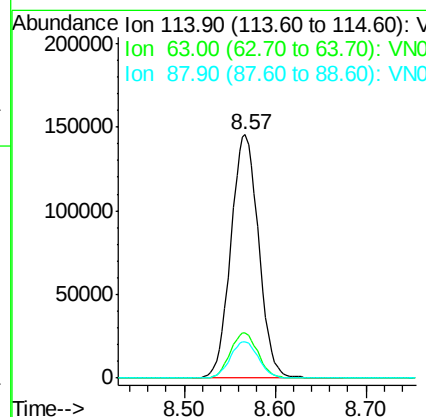
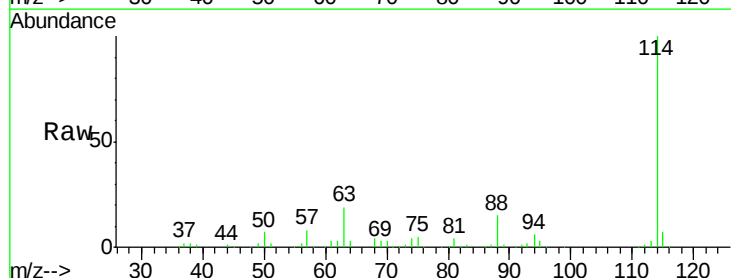
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059903.D
 Acq: 29 Jan 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	307979		
63	18.5	0.0	43.6	
88	14.8	0.0	31.4	





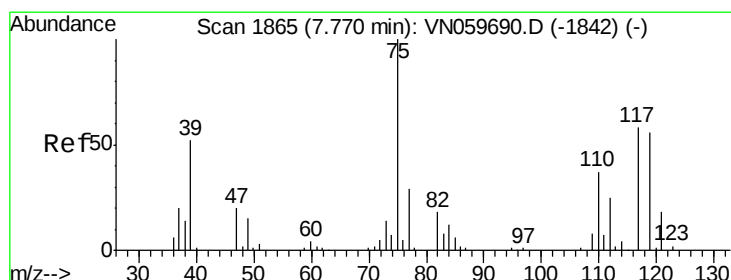
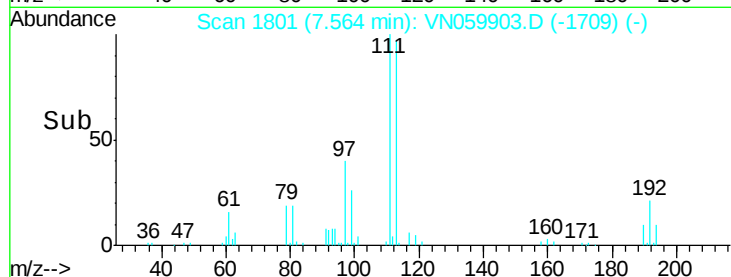
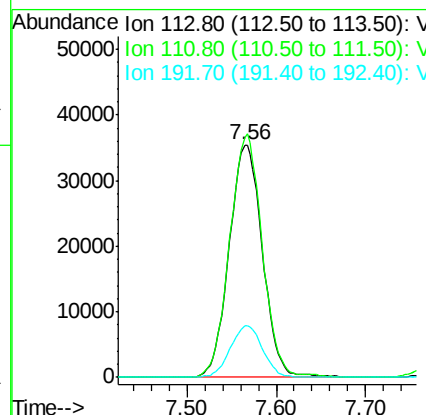
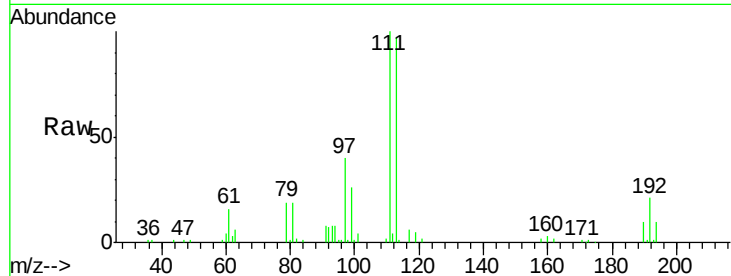
#35
 Dibromofluoromethane
 Concen: 49.743 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059903.D
 Acq: 29 Jan 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0129WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.5	125.3
192	21.6	15.4	23.2

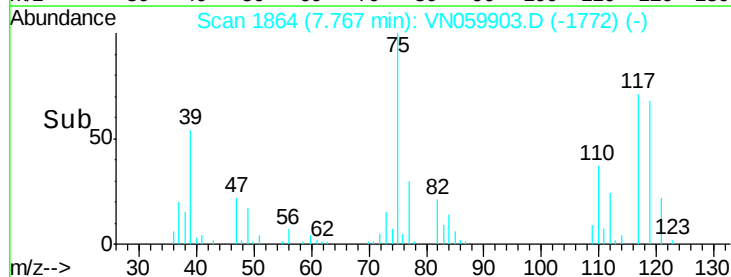
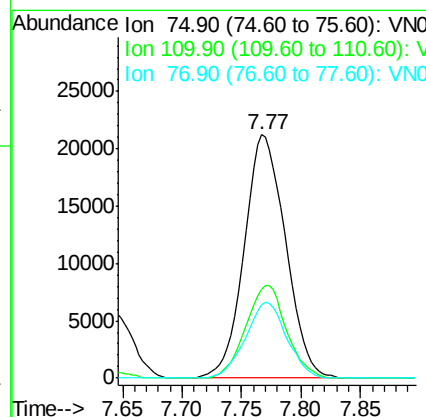
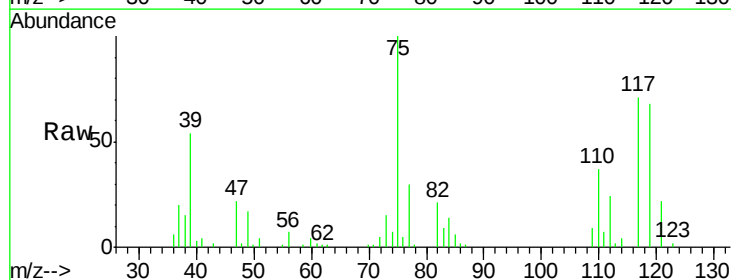
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#36
 1,1-Dichloropropene
 Concen: 19.031 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN059903.D
 Acq: 29 Jan 2020 11:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.5	16.6	49.7
77	30.9	25.1	37.7





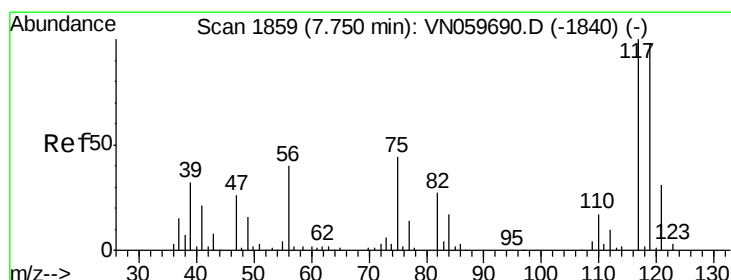
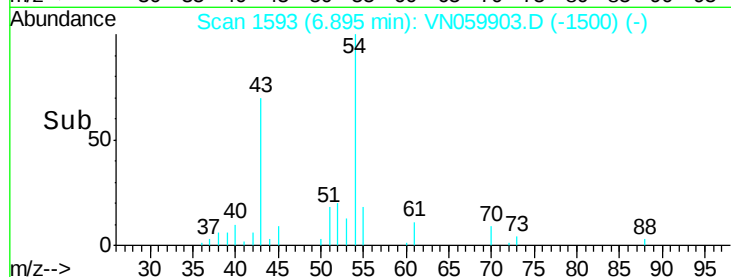
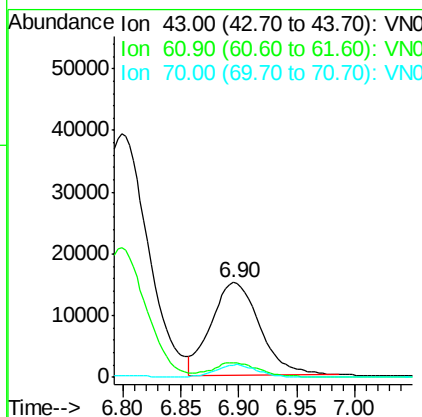
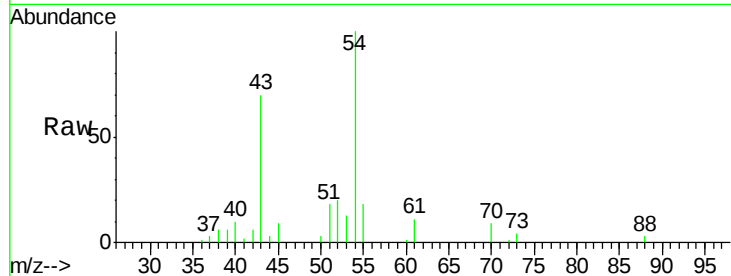
#37
Ethyl Acetate
Concen: 17.702 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tot Ion	43	61	70
Resp	44528		
Ratio	100	14.6	11.4
Lower		10.9	7.7
Upper		16.3	11.5

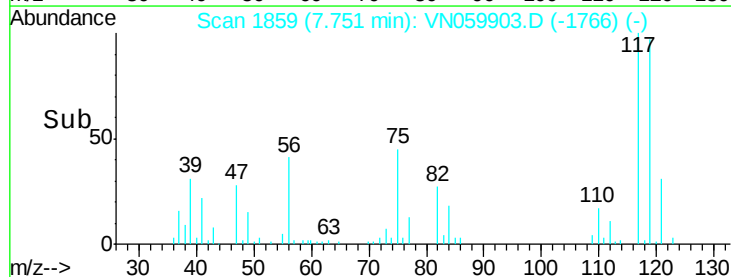
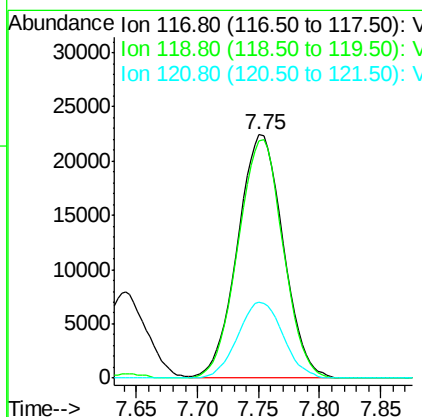
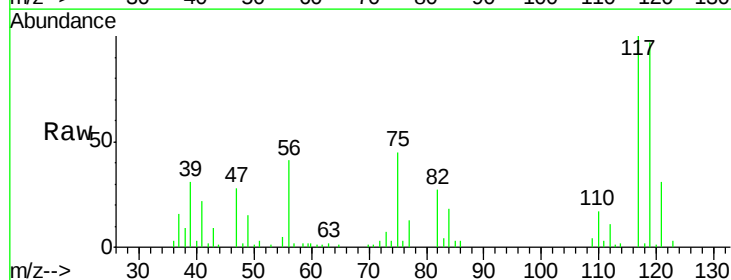
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#38
Carbon Tetrachloride
Concen: 19.926 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Tgt Ion	117	119	121
Resp	58133		
Ratio	100	97.4	31.2
Lower		76.5	25.1
Upper		114.7	37.7





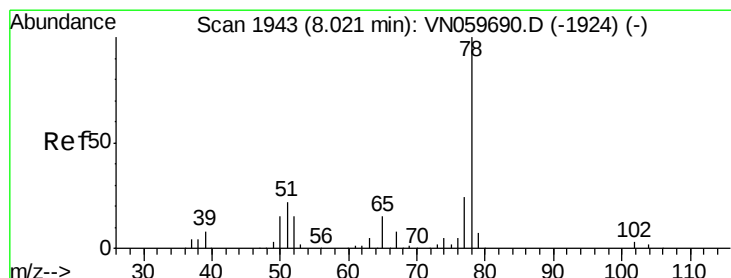
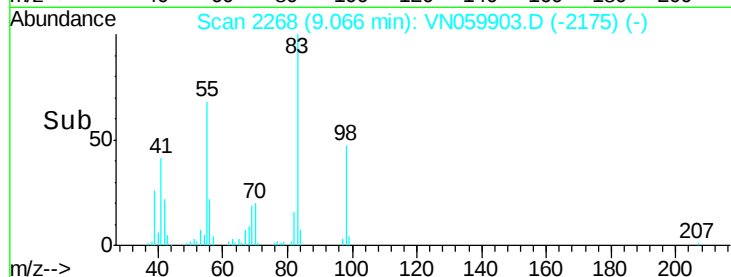
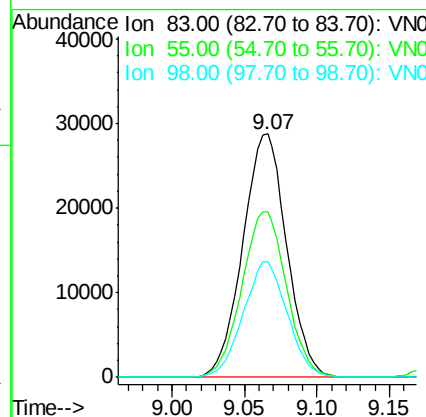
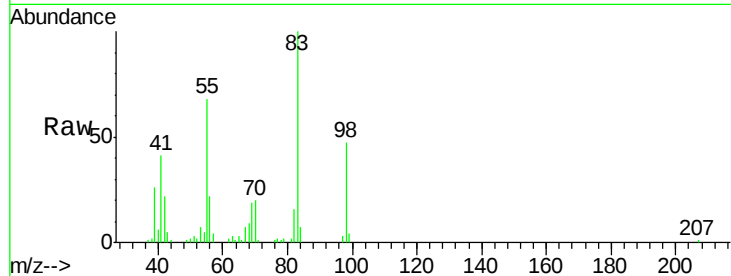
#39
Methvlcvclohexane
Concen: 18.344 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.8	64.2	96.2
98	47.4	35.9	53.9

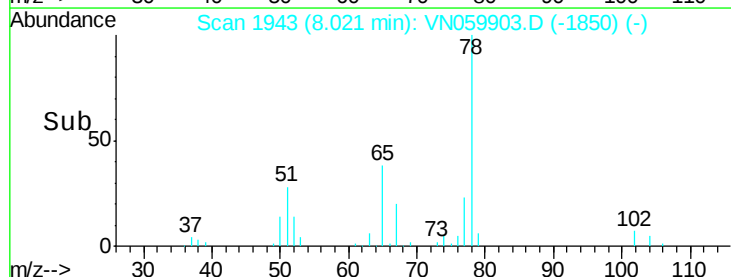
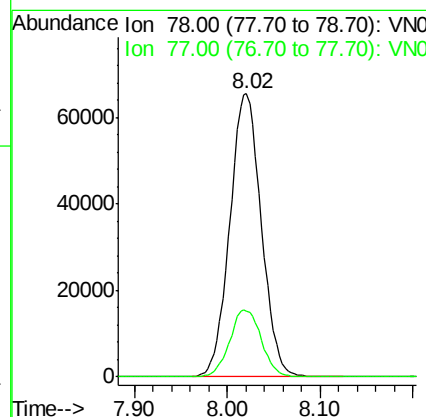
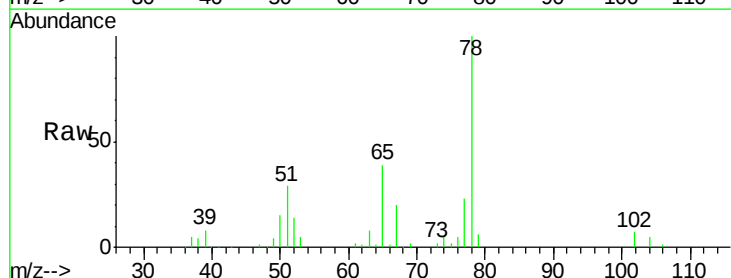
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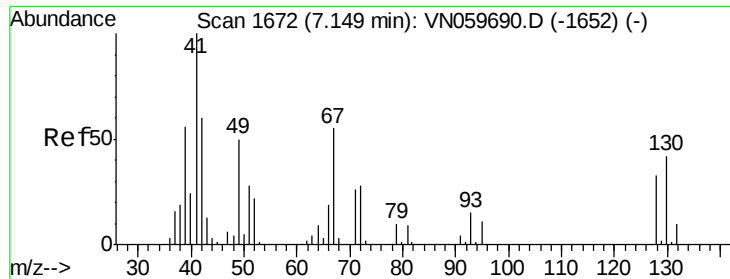
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#40
Benzene
Concen: 19.229 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.9	28.3





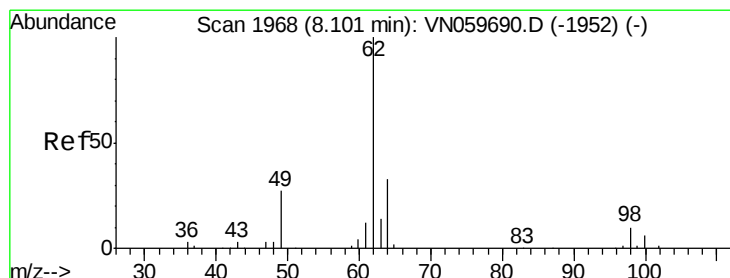
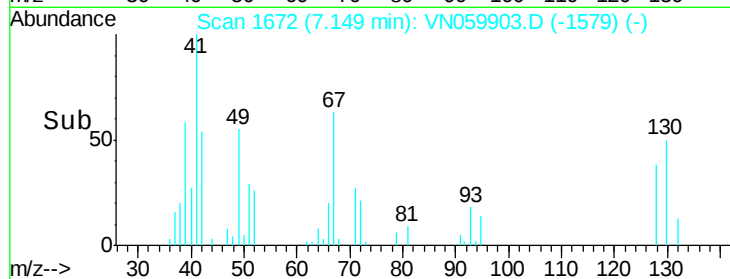
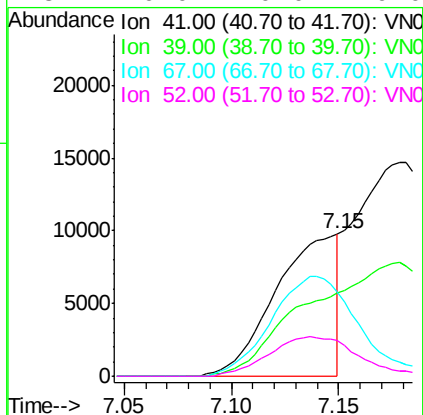
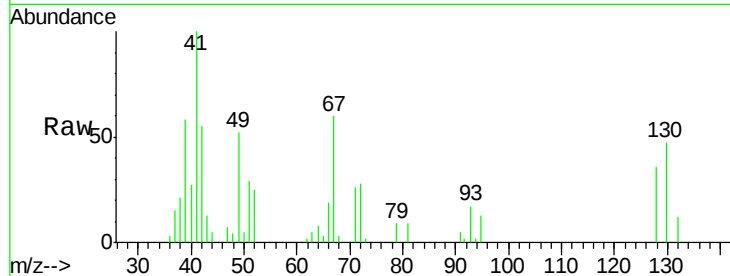
#41
Methacrylonitrile
Concen: 15.962 ug/l m
RT: 7.15 min Scan# 1672
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tot Ion	41	Resp	19777
Ion	Ratio	Lower	Upper
41	100		
39	174.6	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

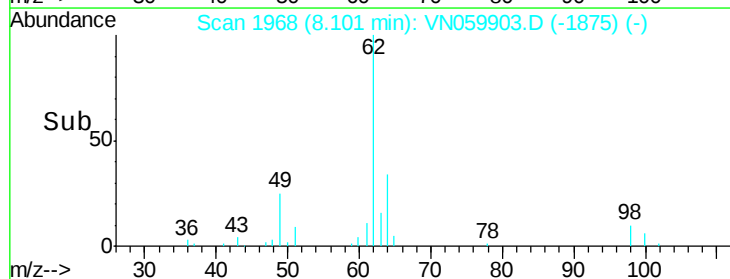
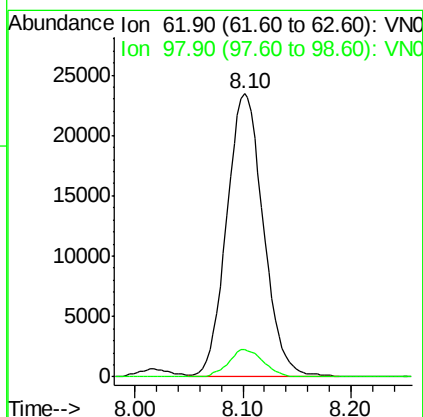
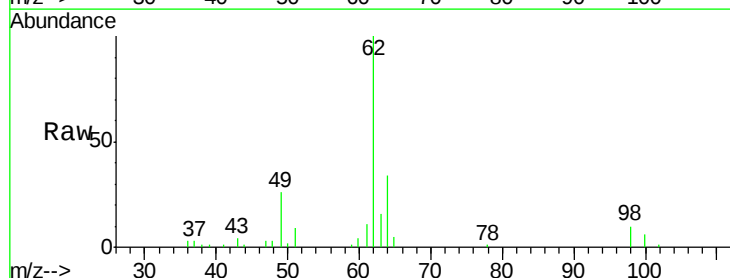
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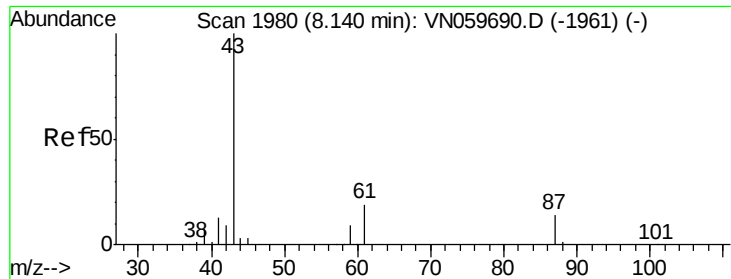
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#42
1,2-Dichloroethane
Concen: 20.527 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Tgt Ion	62	Resp	55668
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	15.8





#43

Isopropyl Acetate

Concen: 18.070 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059903.D

Acq: 29 Jan 2020 11:28

Instrument :

MSVOA_N

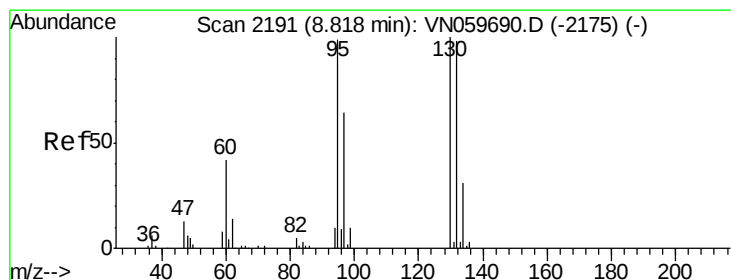
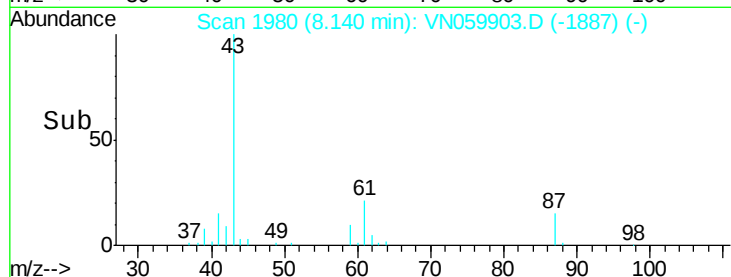
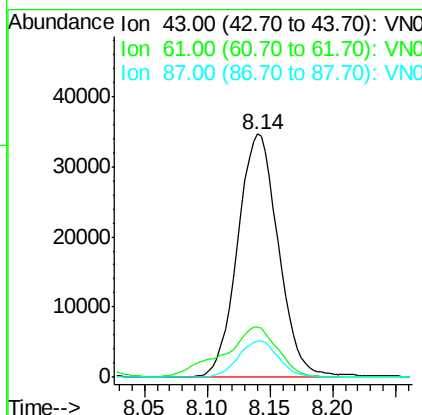
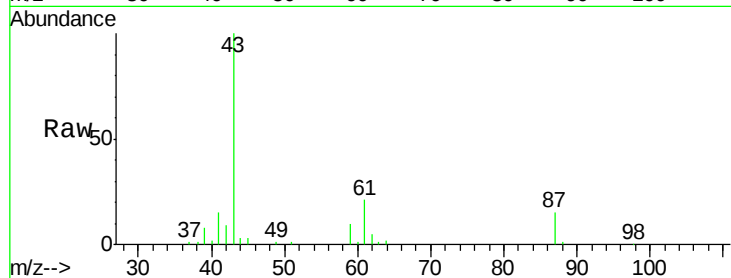
ClientSampleId :

VN0129WBS01

Tot Ion:	43	Resp:	78183
Ion	Ratio	Lower	Upper
43	100		
61	27.6	20.2	30.2
87	14.8	9.5	14.3#

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#44

Trichloroethene

Concen: 21.221 ug/l

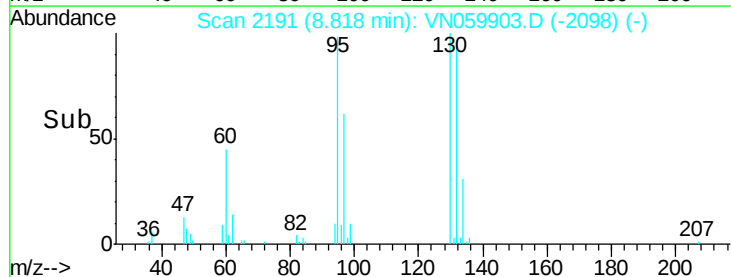
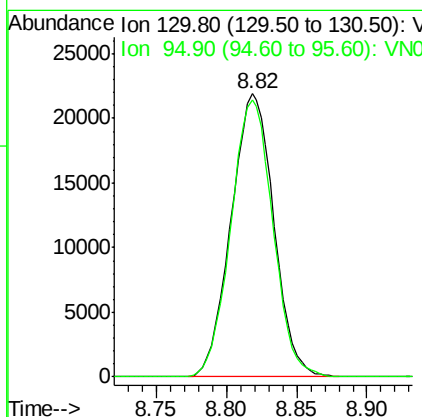
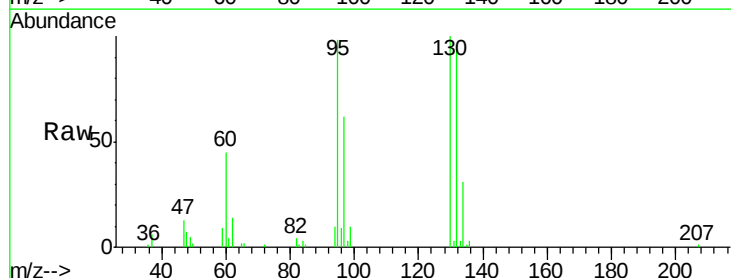
RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059903.D

Acq: 29 Jan 2020 11:28

Tgt Ion:	130	Resp:	46337
Ion	Ratio	Lower	Upper
130	100		
95	97.7	0.0	207.0





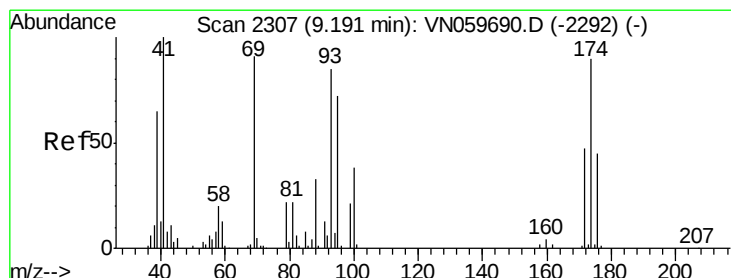
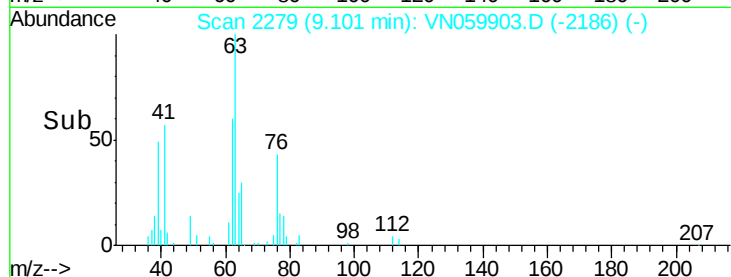
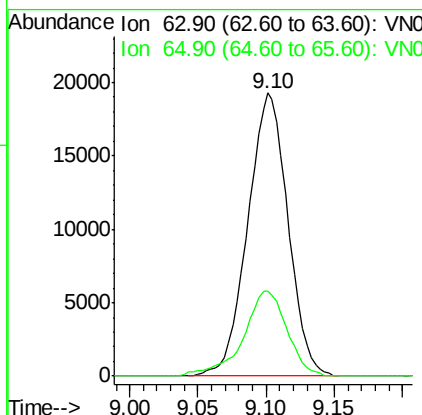
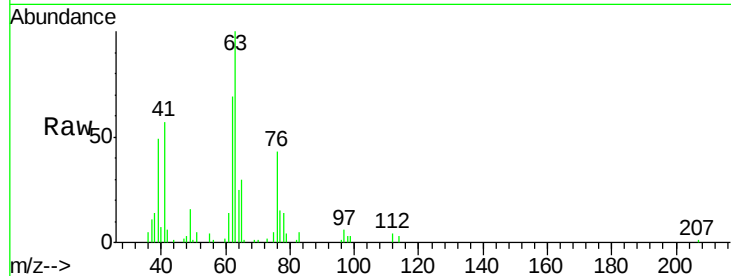
#45
 1,2-Dichloropropane
 Concen: 19.928 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN059903.D
 Acq: 29 Jan 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0129WBS01

Tot Ion: 63 Resp: 39444
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.9 37.3

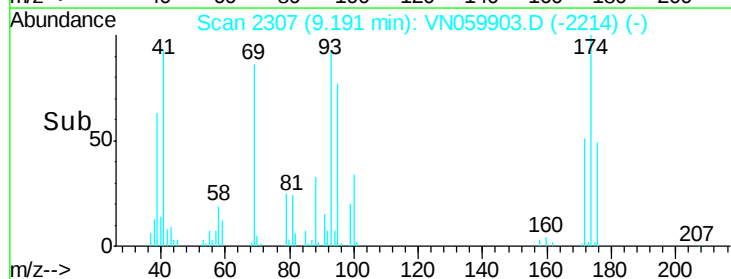
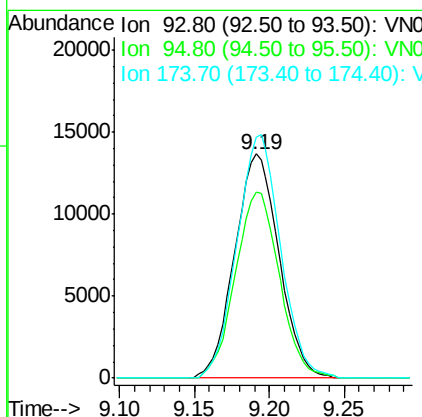
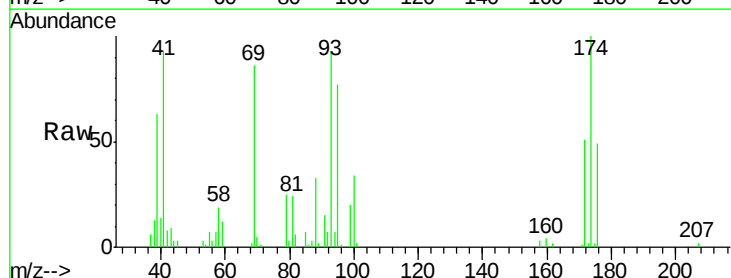
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#46
 Dibromomethane
 Concen: 20.214 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN059903.D
 Acq: 29 Jan 2020 11:28

Tgt Ion: 93 Resp: 28223
 Ion Ratio Lower Upper
 93 100
 95 82.2 67.0 100.6
 174 106.4 73.4 110.2





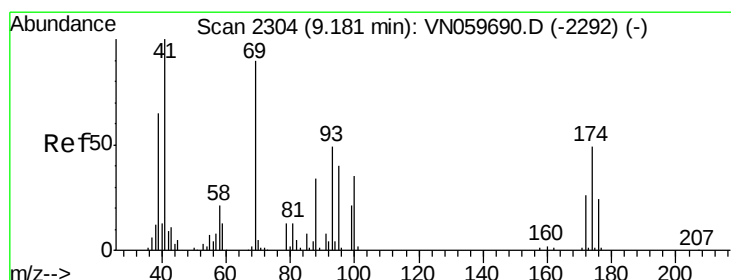
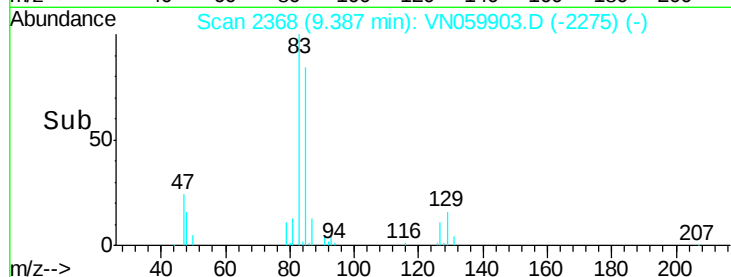
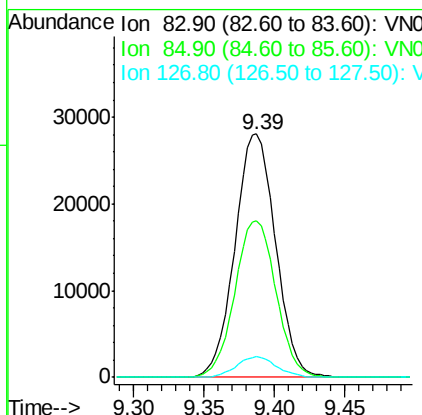
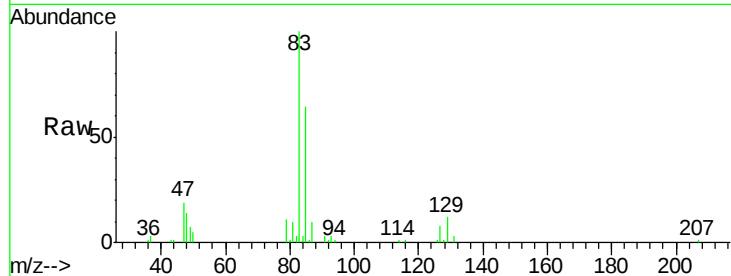
#47
Bromodichloromethane
Concen: 20.130 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tot Ion	83	Resp	56637
Ion Ratio	100	Lower	Upper
83	100		
85	64.4	51.1	76.7
127	8.4	6.6	9.8

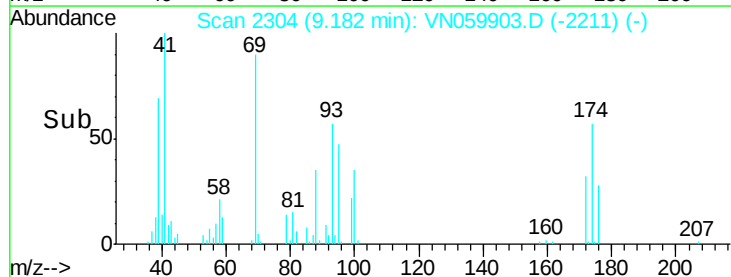
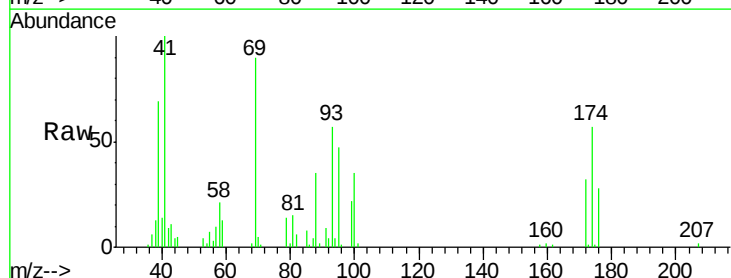
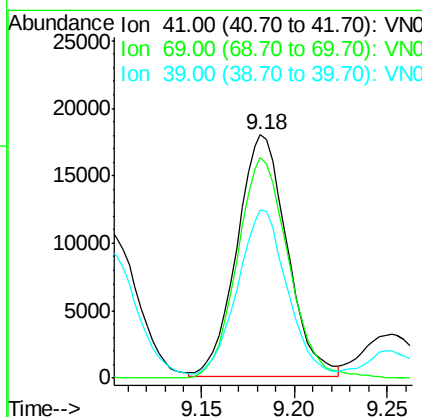
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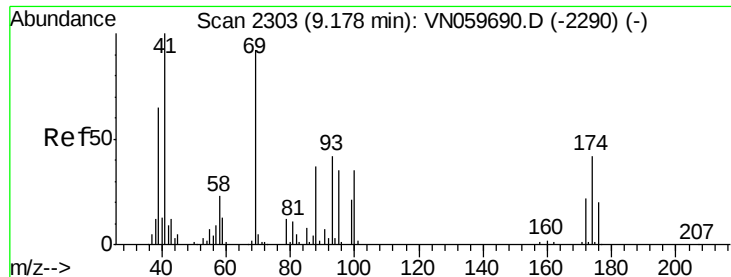
MMDadoda
1/30/2020 10:22:09 AM



#48
Methyl methacrylate
Concen: 17.403 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Tgt Ion	41	Resp	33681
Ion Ratio	100	Lower	Upper
41	100		
69	92.9	64.4	96.6
39	70.0	51.3	76.9





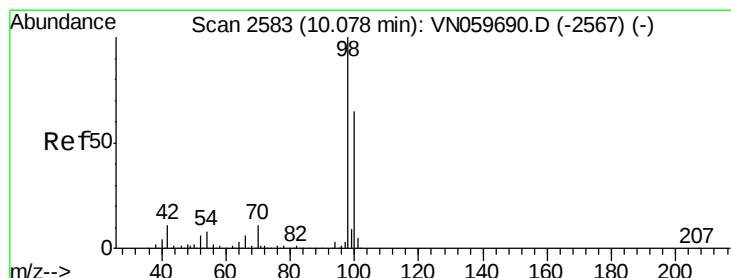
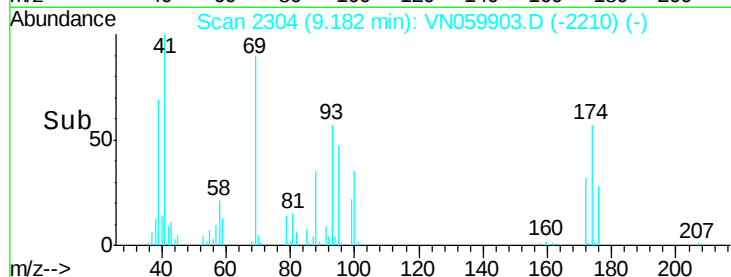
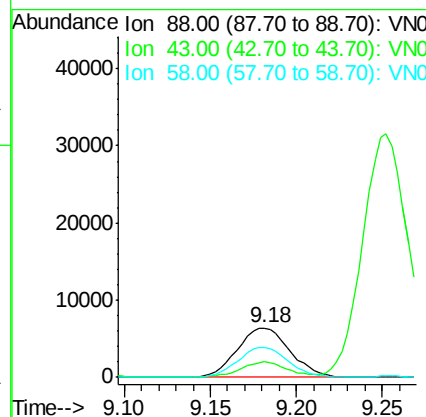
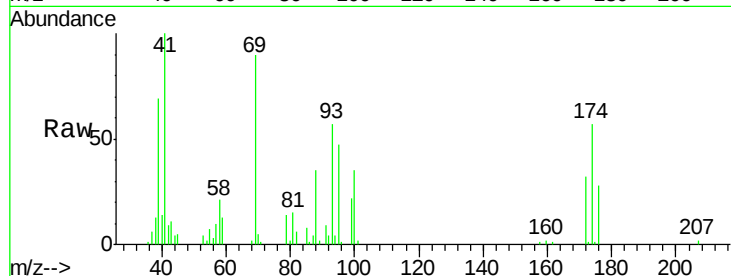
#49
1,4-Dioxane
Concen: 382.201 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.0	29.7	44.5#
58	57.6	56.6	85.0

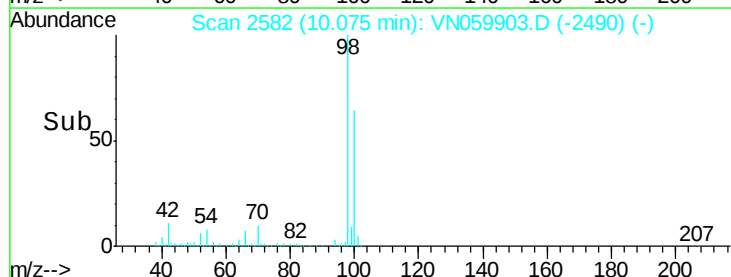
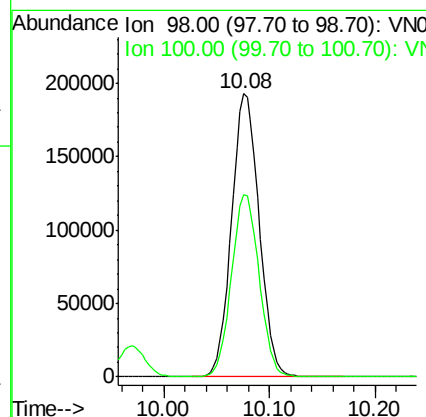
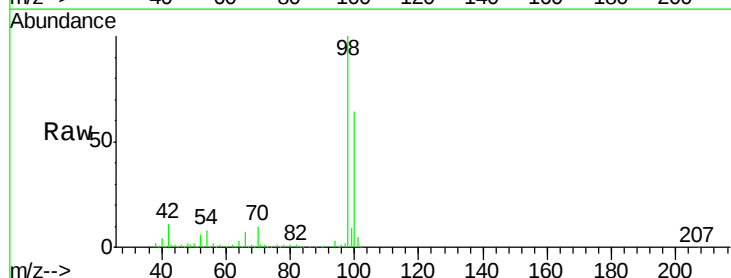
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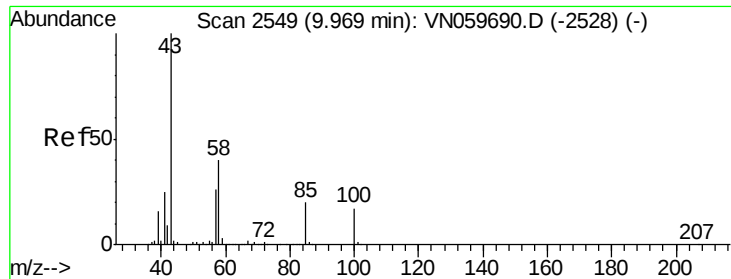
MMDadoda
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#50
Toluene-d8
Concen: 49.050 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 89.244 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN059903.D

Acq: 29 Jan 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBS01

Tot Ion: 43 Resp: 223212

Ion Ratio Lower Upper

43 100

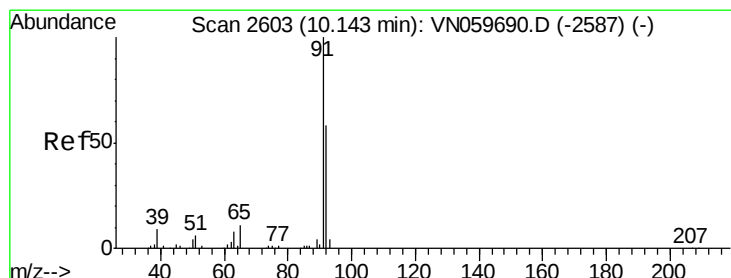
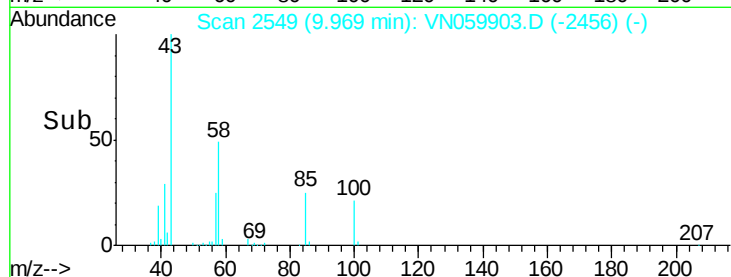
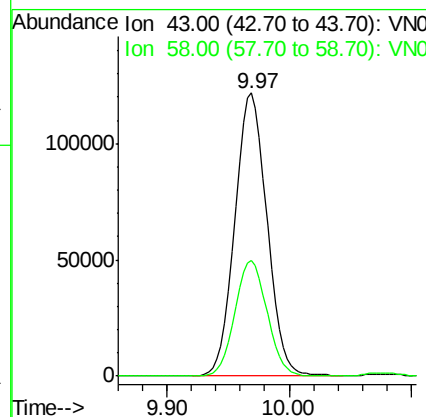
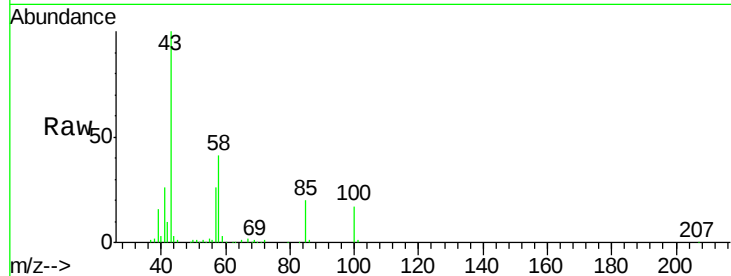
58 41.0 29.8 44.8

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#52

Toluene

Concen: 19.695 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN059903.D

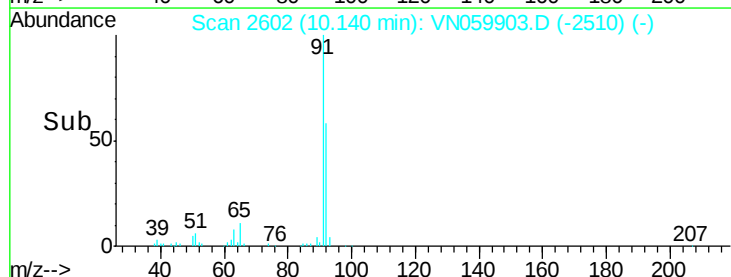
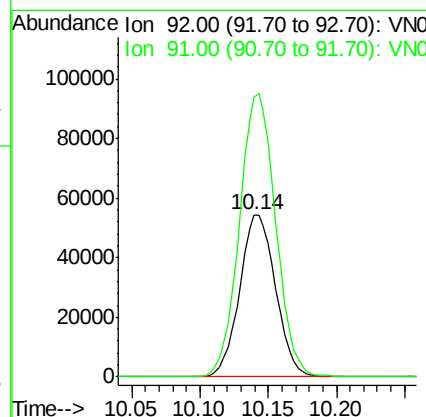
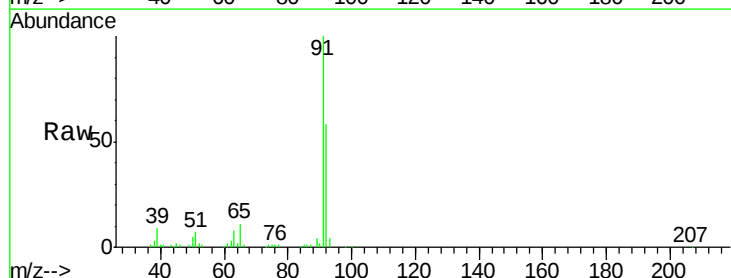
Acq: 29 Jan 2020 11:28

Tgt Ion: 92 Resp: 99507

Ion Ratio Lower Upper

92 100

91 175.9 140.4 210.6





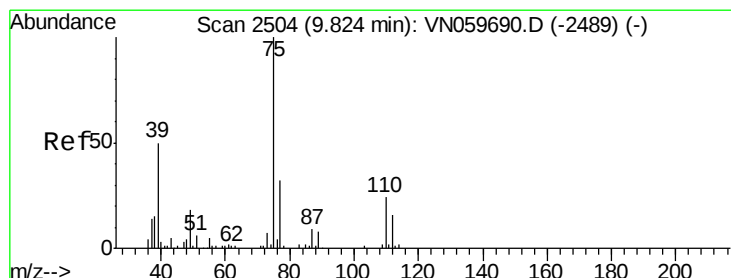
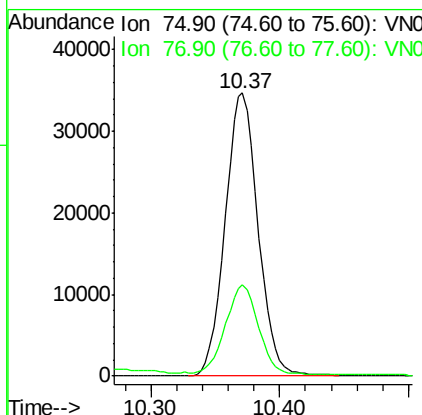
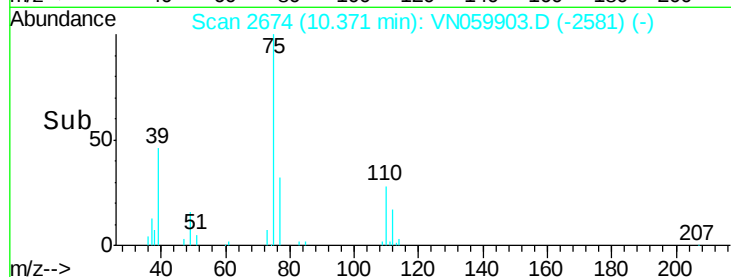
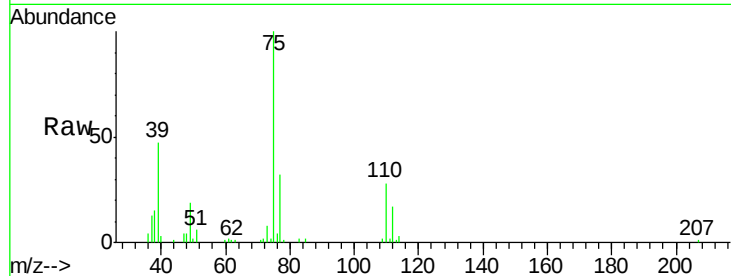
#53
t-1,3-Dichloropropene
Concen: 19.572 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tot Ion: 75 Resp: 61487
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2

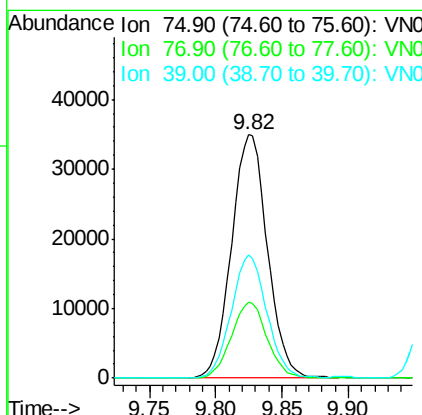
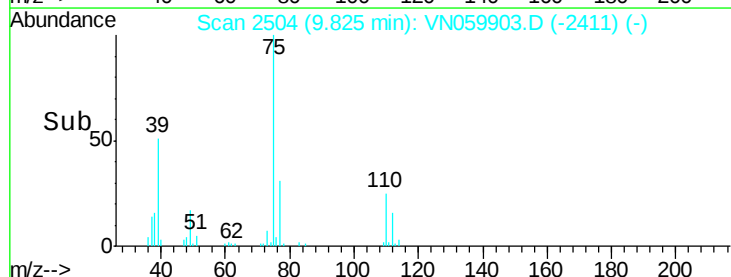
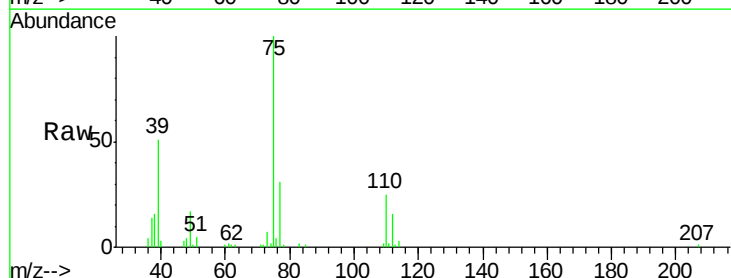
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#54
cis-1,3-Dichloropropene
Concen: 19.898 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Tgt Ion: 75 Resp: 65774
Ion Ratio Lower Upper
75 100
77 31.1 25.1 37.7
39 50.8 46.1 69.1





#55

1,1,2-Trichloroethane

Concen: 20.515 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN059903.D

Acq: 29 Jan 2020 11:28

Instrument :

MSVOA_N

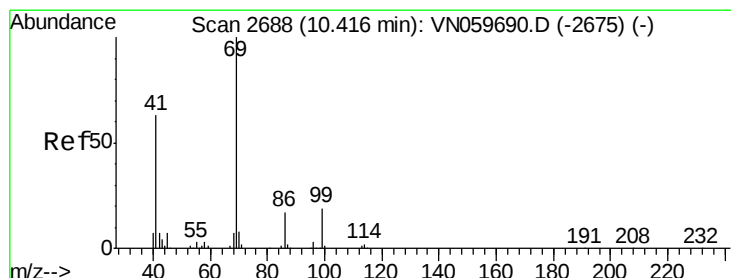
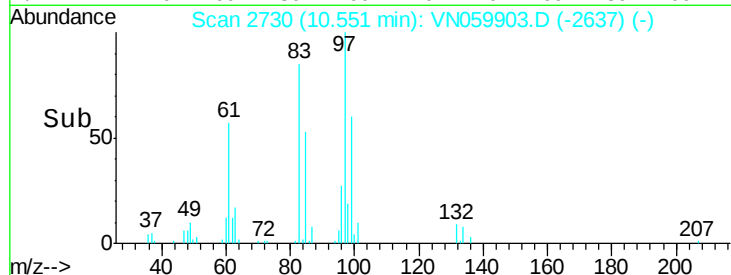
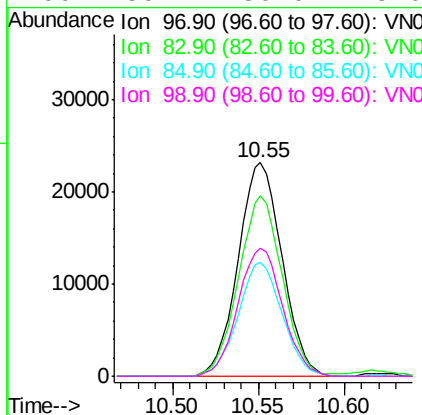
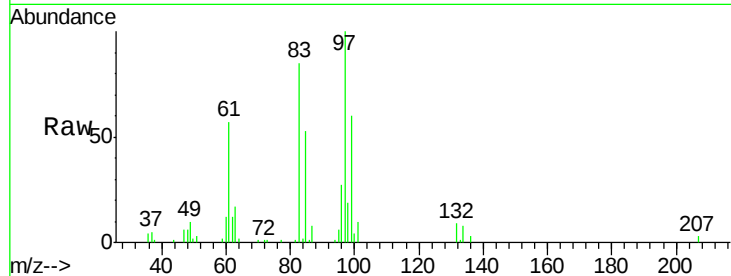
ClientSampleId :

VN0129WBS01

Tot Ion:	97	Resp:	41051
Ion	Ratio	Lower	Upper
97	100		
83	84.7	71.3	106.9
85	53.4	45.8	68.8
99	59.7	50.0	75.0

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#56

Ethyl methacrylate

Concen: 18.068 ug/l

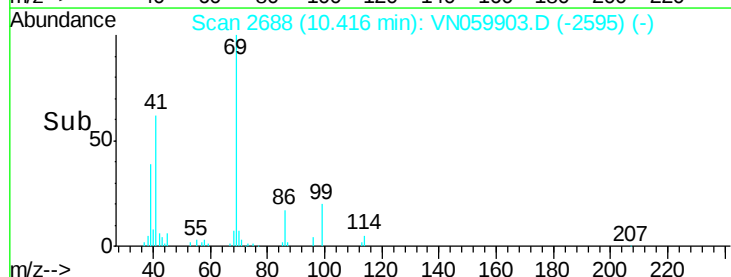
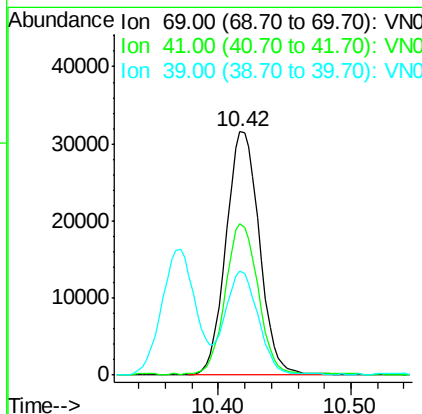
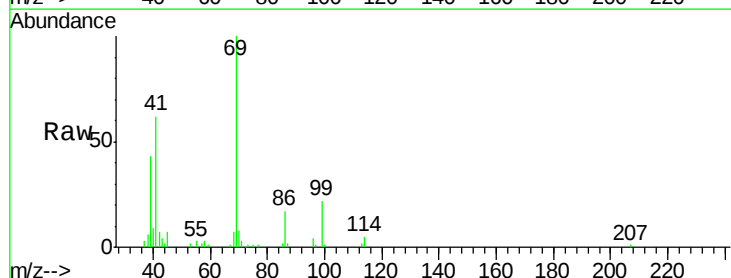
RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN059903.D

Acq: 29 Jan 2020 11:28

Tgt Ion:	69	Resp:	55245
Ion	Ratio	Lower	Upper
69	100		
41	61.8	57.1	85.7
39	43.2	34.7	52.1





#57

1,3-Dichloropropane

Concen: 20.348 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059903.D

Acq: 29 Jan 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBS01

Tot Ion: 76 Resp: 64644

Ion Ratio Lower Upper

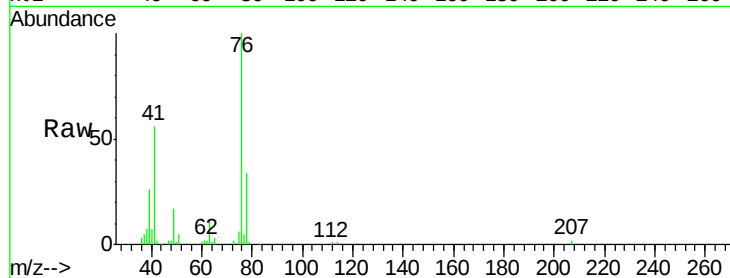
76 100

78 33.5 25.8 38.8

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Abundance Ion 75.90 (75.60 to 76.60): VN059903.D (-2682) (-)

Ion 77.90 (77.60 to 78.60): VN059903.D (-2682) (-)

10.70

40000

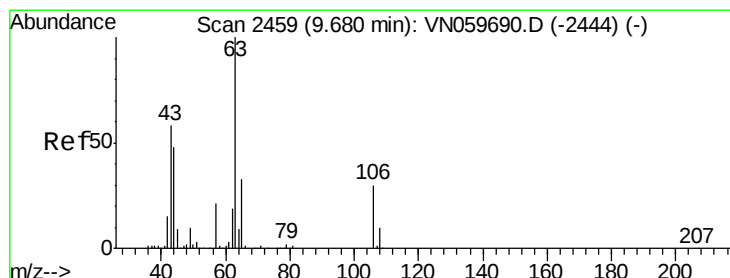
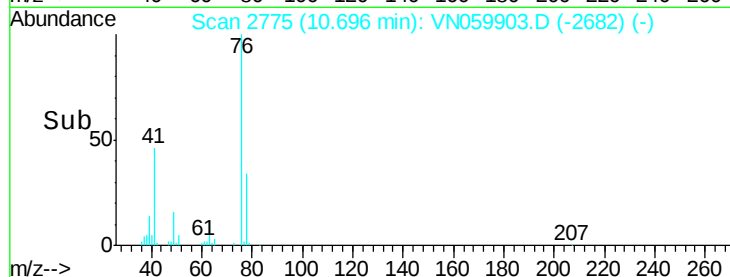
30000

20000

10000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 92.556 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059903.D

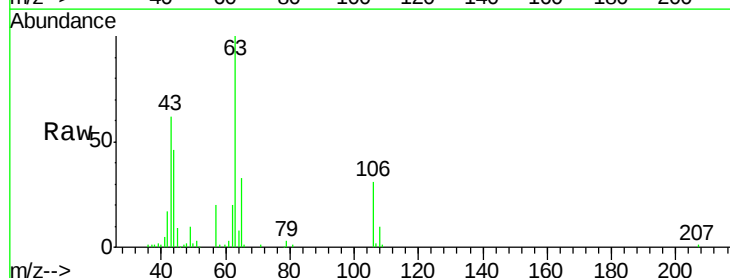
Acq: 29 Jan 2020 11:28

Tgt Ion: 63 Resp: 85239

Ion Ratio Lower Upper

63 100

106 29.8 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN059903.D (-2366) (-)

Ion 105.90 (105.60 to 106.60): VN059903.D (-2366) (-)

9.68

50000

40000

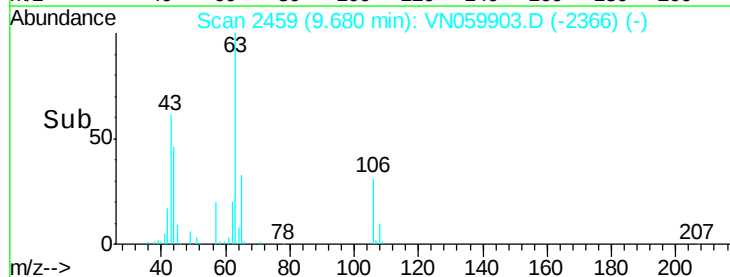
30000

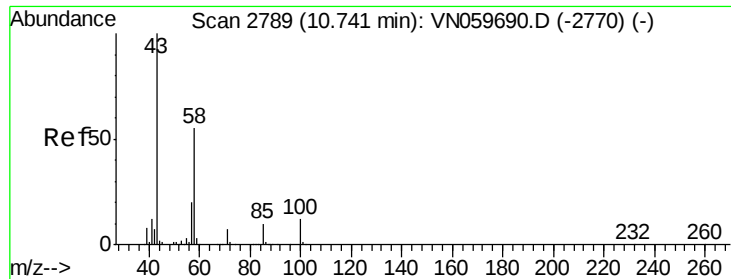
20000

10000

0

Time-->





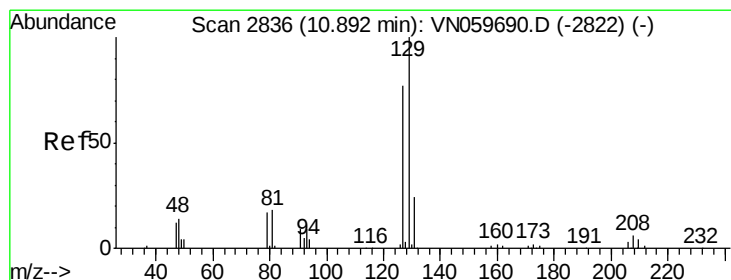
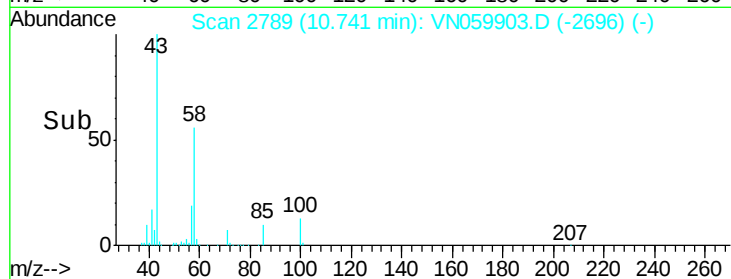
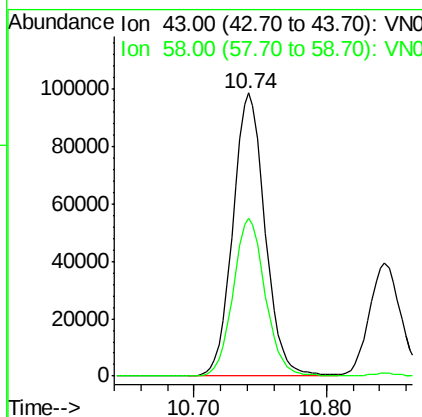
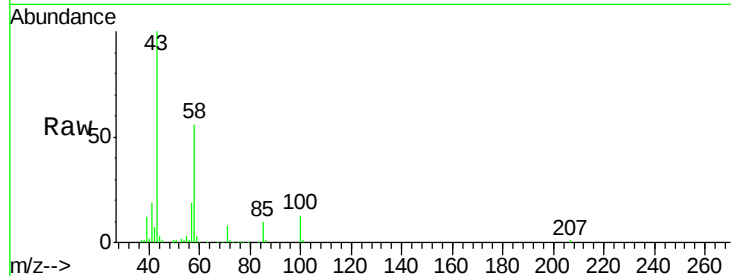
#59
2-Hexanone
Concen: 90.071 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tot Ion: 43 Resp: 165965
Ion Ratio Lower Upper
43 100
58 55.8 25.8 77.3

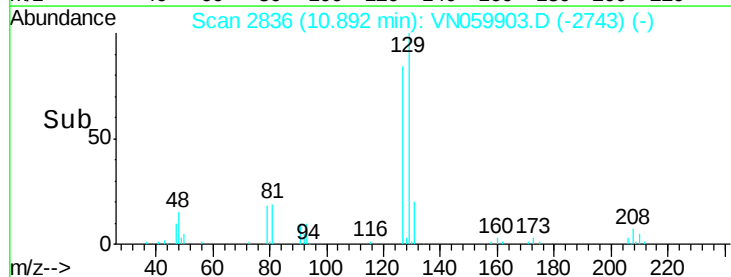
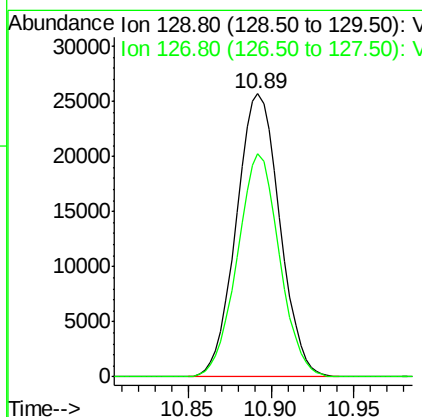
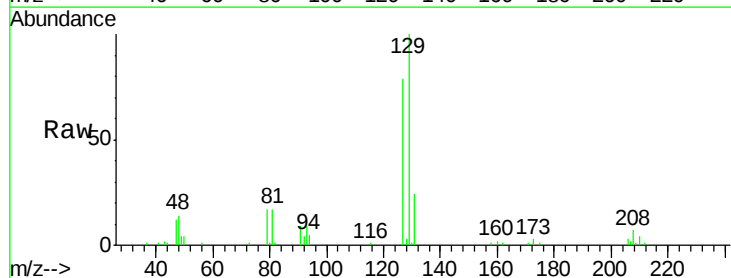
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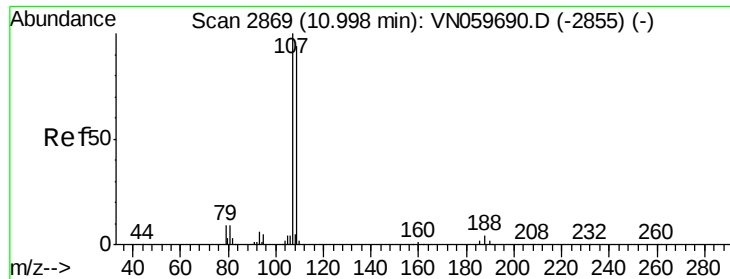
MMDadoda
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#60
Dibromochloromethane
Concen: 20.557 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Tgt Ion: 129 Resp: 46842
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.5





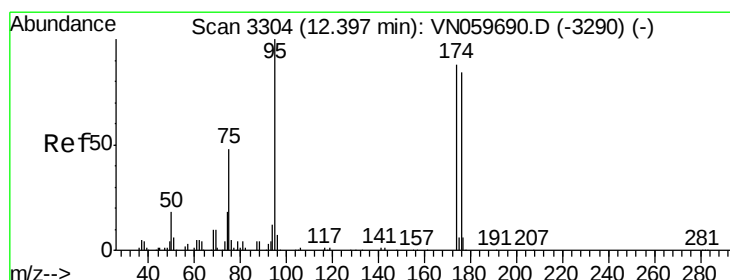
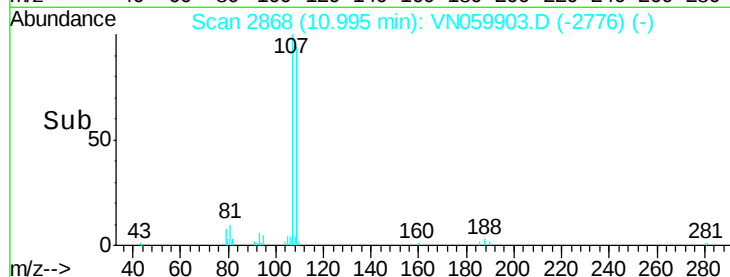
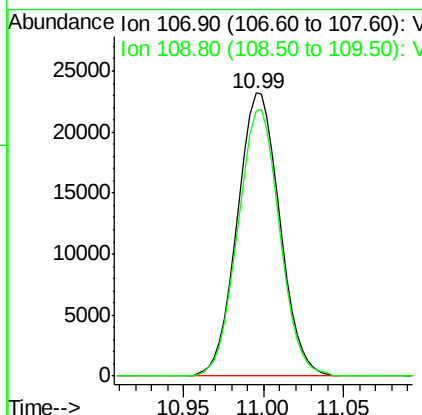
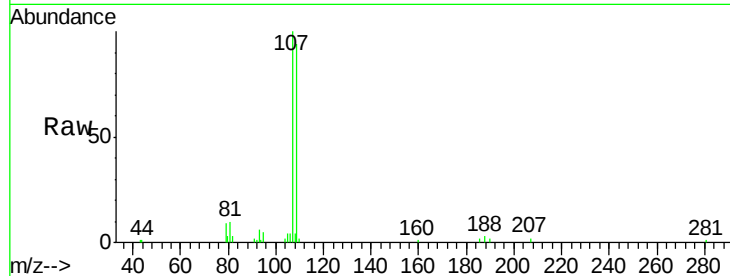
#61
 1,2-Dibromoethane
 Concen: 20.038 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059903.D
 Acq: 29 Jan 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0129WBS01

Tot Ion:107 Resp: 42026
 Ion Ratio Lower Upper
 107 100
 109 92.8 76.6 115.0

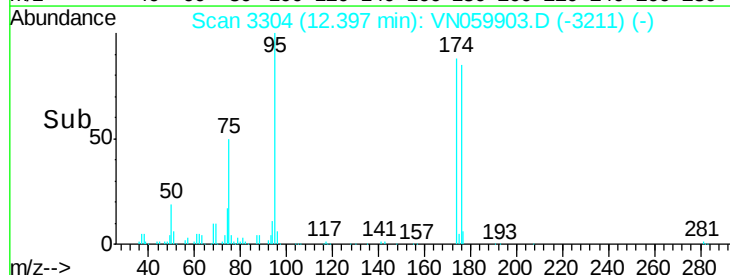
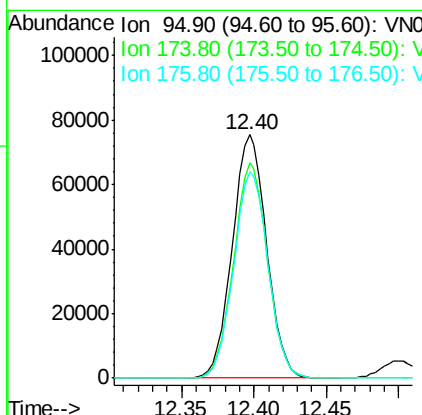
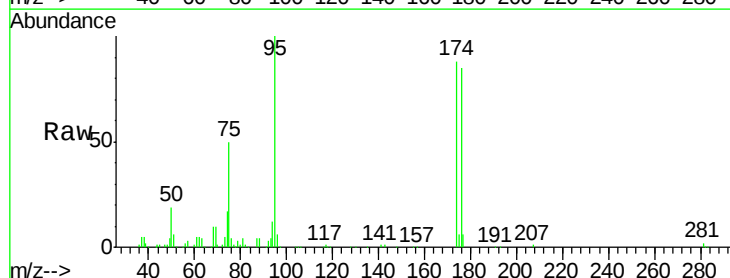
Manual Integrations
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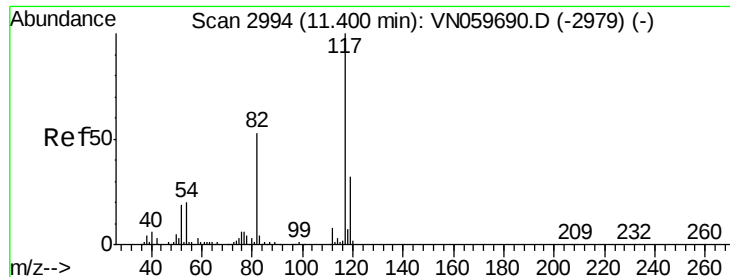
MMDadoda
 1/30/2020 10:22:09 AM



#62
 4-Bromofluorobenzene
 Concen: 48.216 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059903.D
 Acq: 29 Jan 2020 11:28

Tgt Ion: 95 Resp: 123689
 Ion Ratio Lower Upper
 95 100
 174 87.5 0.0 151.4
 176 85.0 0.0 146.0





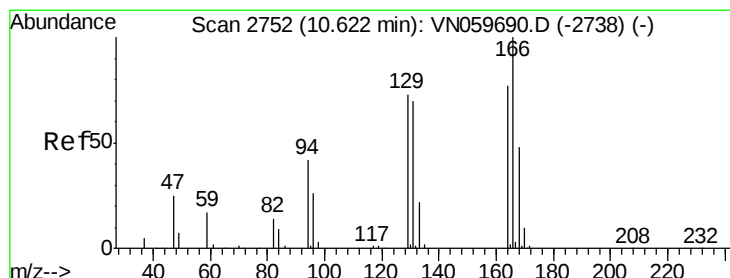
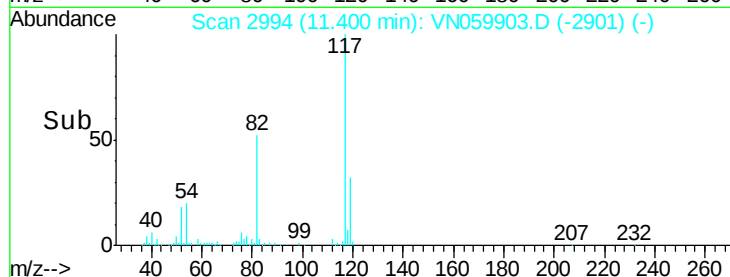
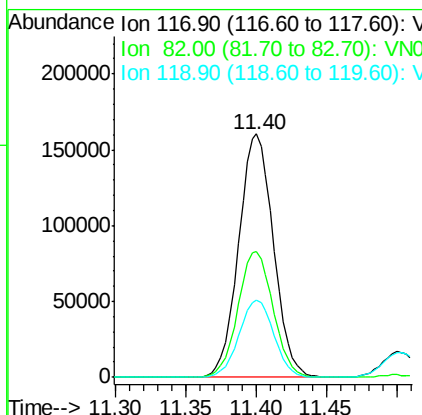
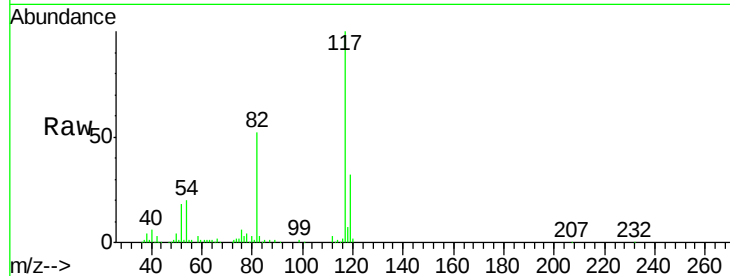
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	277505		
82	51.7	45.9	68.9	
119	31.8	25.5	38.3	

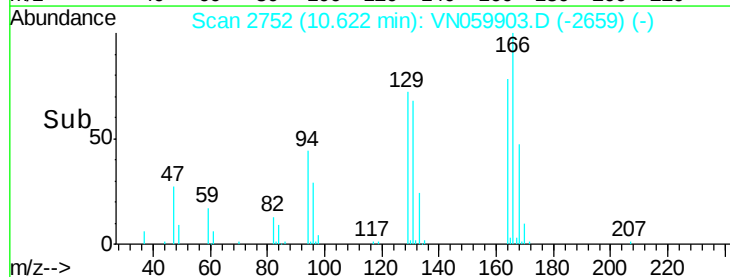
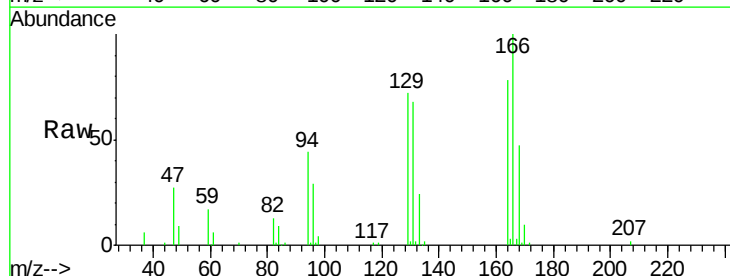
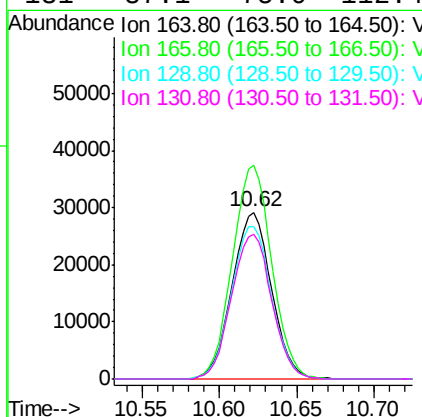
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#64
Tetrachloroethene
Concen: 22.736 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	51422		
166	128.3	101.4	152.0	
129	91.9	80.2	120.4	
131	87.1	75.0	112.4	





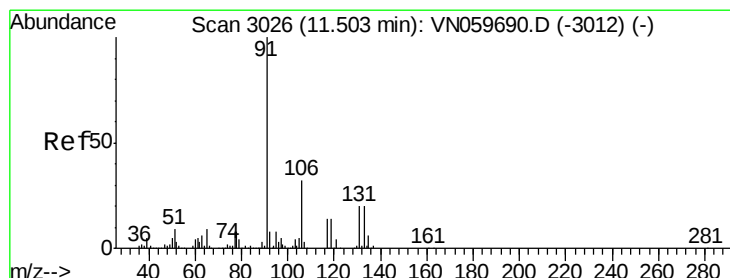
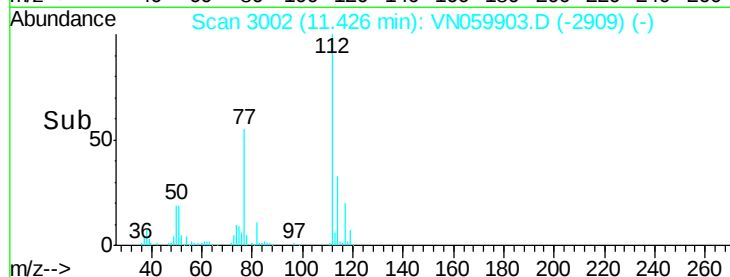
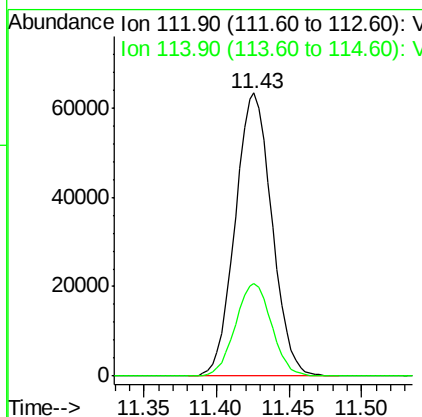
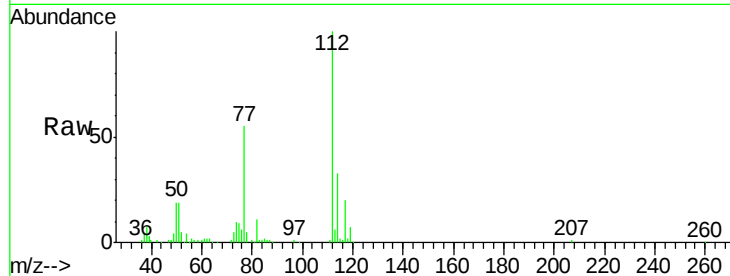
#65
Chlorobenzene
Concen: 20.376 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.8	38.8

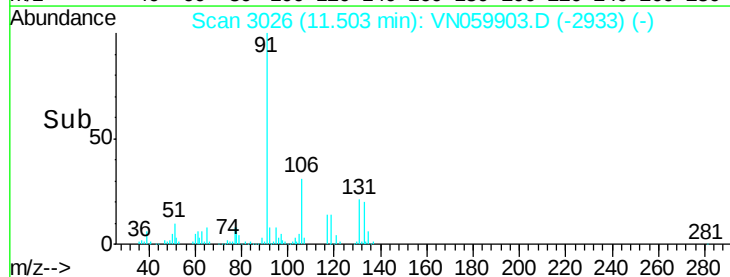
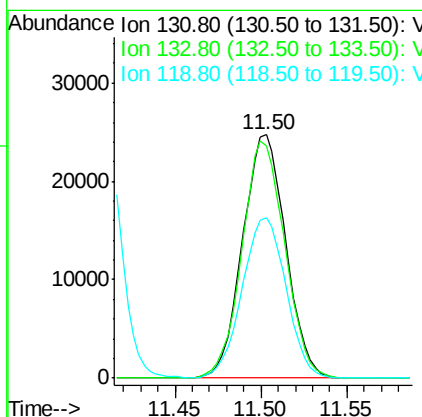
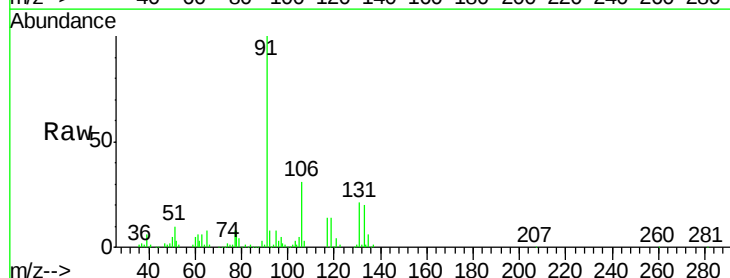
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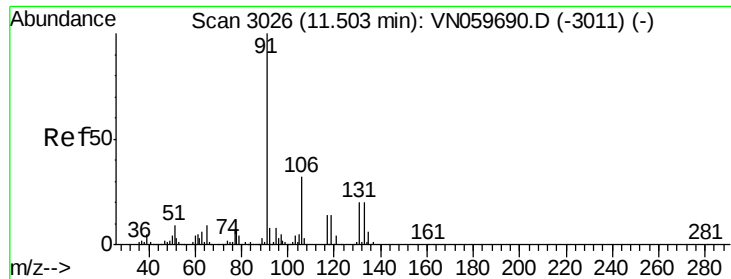
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.480 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.7	47.4	142.2
119	66.8	33.1	99.3





#67

Ethyl Benzene

Concen: 19.881 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059903.D

Acq: 29 Jan 2020 11:28

Instrument :

MSVOA_N

ClientSampled :

VN0129WBS01

Tot Ion: 91 Resp: 196849

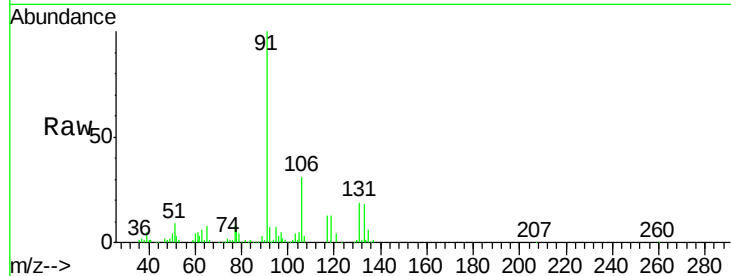
Ion Ratio Lower Upper

91 100

106 31.0 24.1 36.1

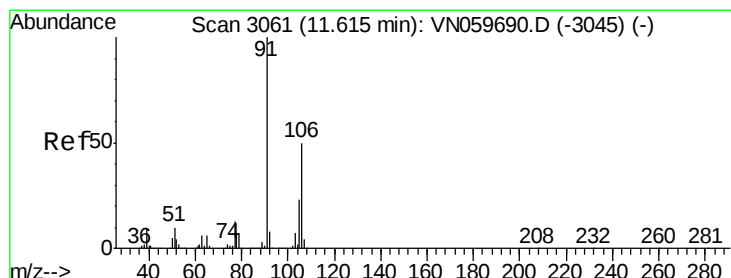
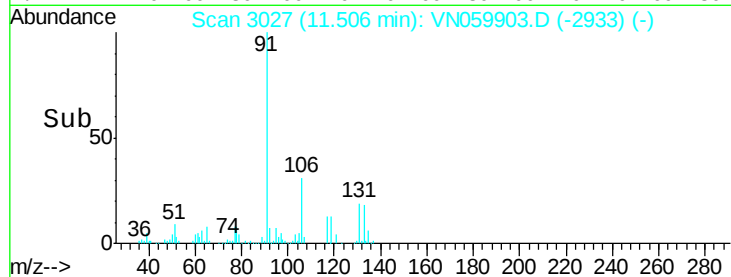
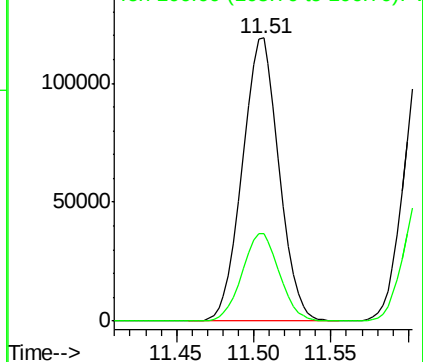
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Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.635 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN059903.D

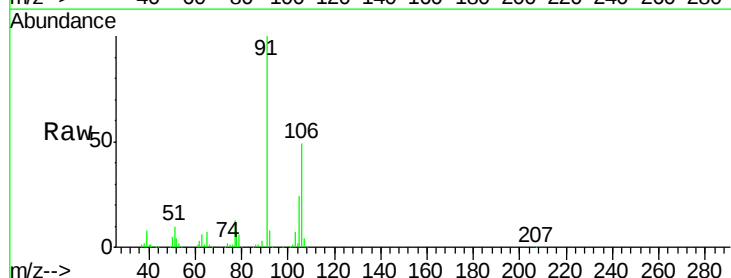
Acq: 29 Jan 2020 11:28

Tgt Ion: 106 Resp: 148243

Ion Ratio Lower Upper

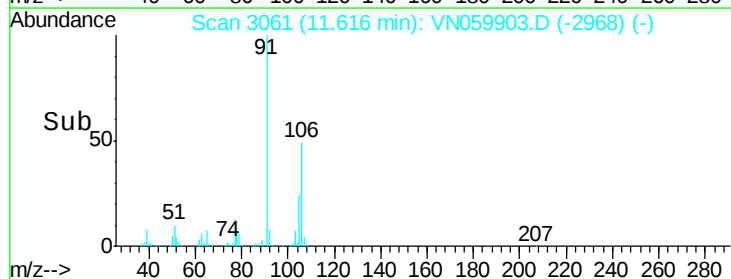
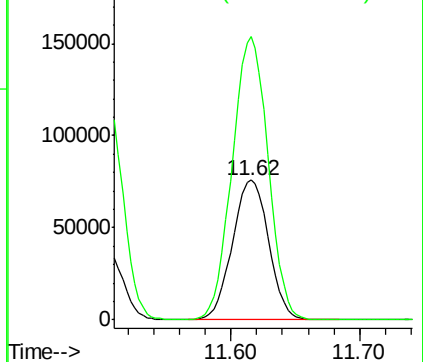
106 100

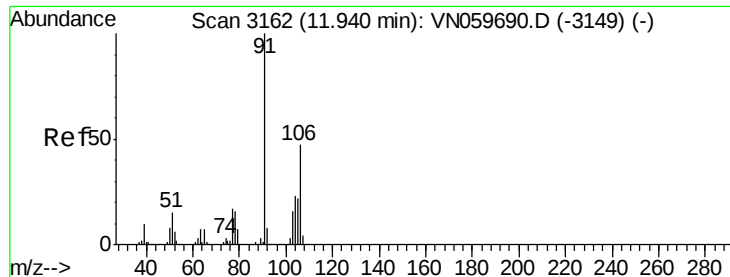
91 201.3 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





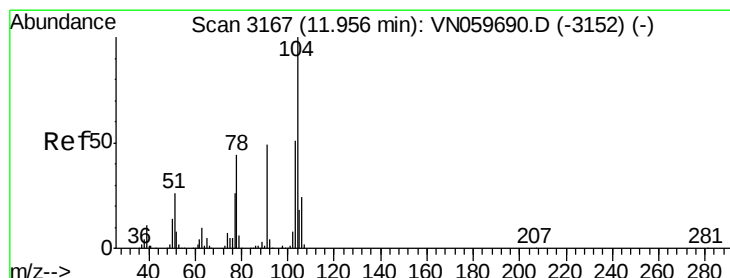
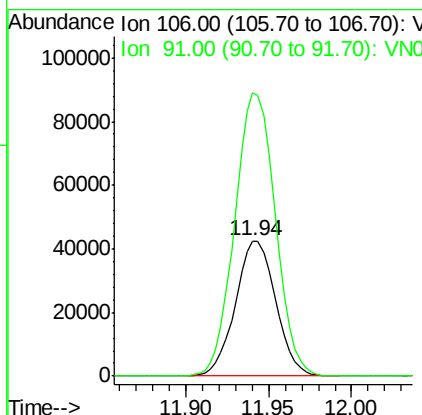
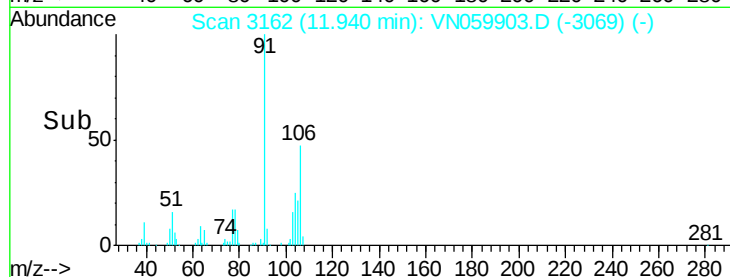
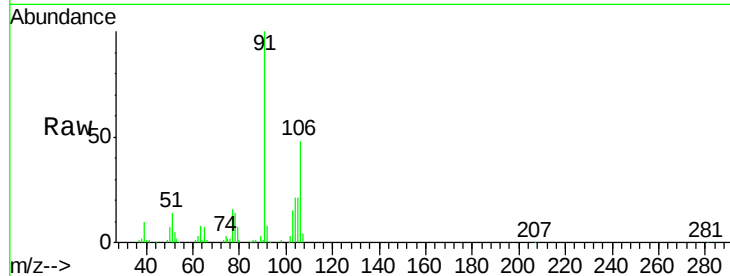
#69
o-Xylene
Concen: 19.622 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tot Ion:106 Resp: 71850
Ion Ratio Lower Upper
106 100
91 211.5 110.3 330.9

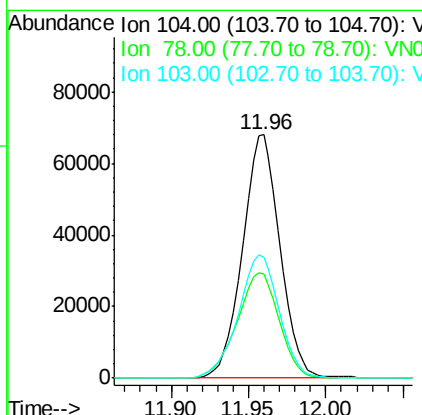
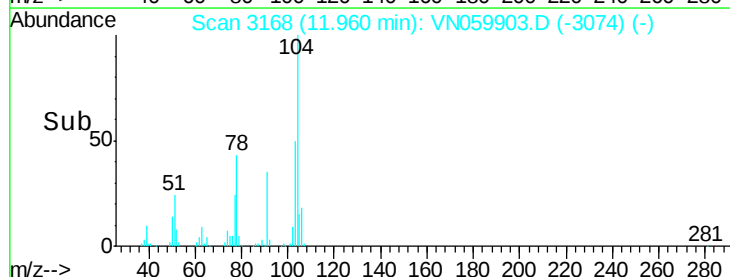
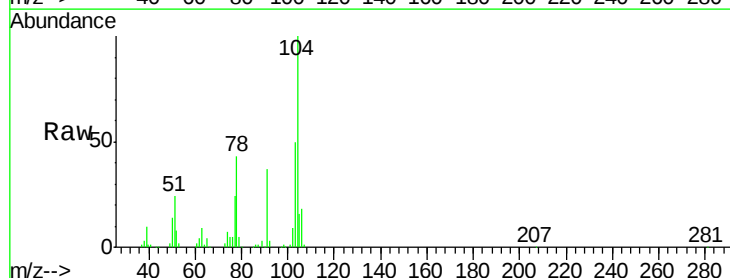
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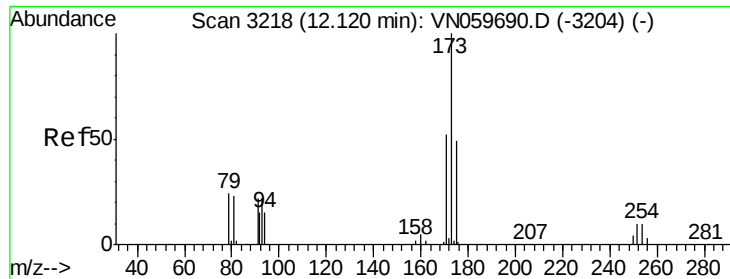
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#70
Styrene
Concen: 18.695 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Tgt Ion:104 Resp: 114548
Ion Ratio Lower Upper
104 100
78 48.7 42.4 63.6
103 55.4 43.9 65.9





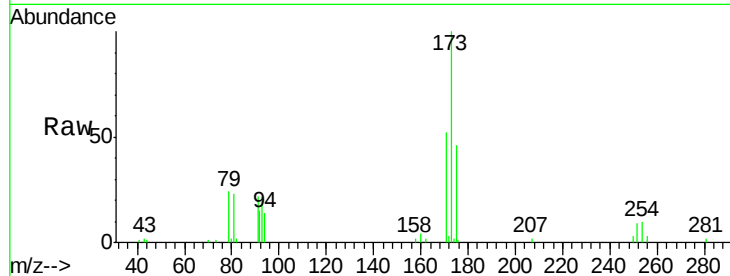
#71
Bromoform
Concen: 19.904 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.3	23.8	71.4
254	0.0	0.0	0.0

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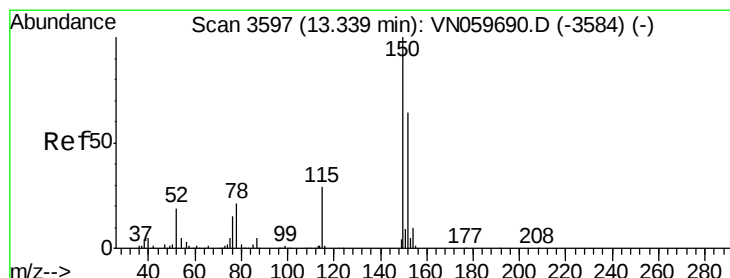
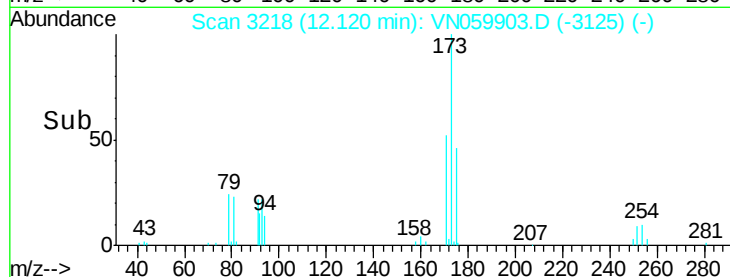
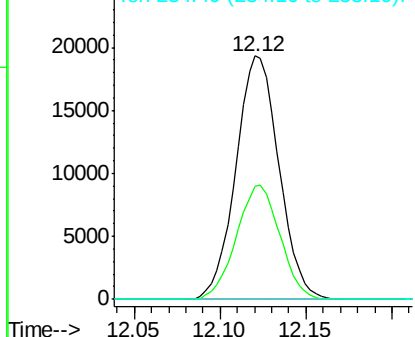


Abundance

Ion 172.70 (172.40 to 173.40): V

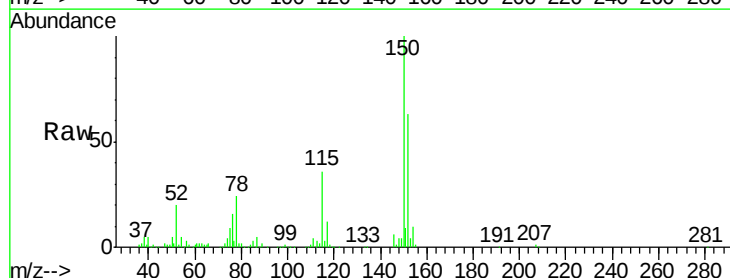
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	30.3	90.9
150	163.7	0.0	345.2

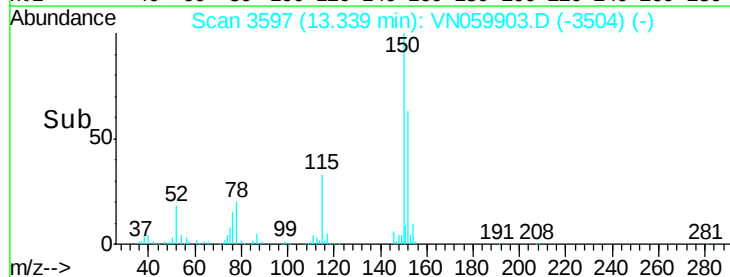
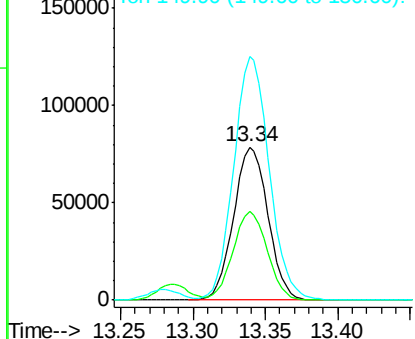


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.842 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059903.D

Acq: 29 Jan 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBS01

Tot Ion: 105 Resp: 198637

Ion Ratio Lower Upper

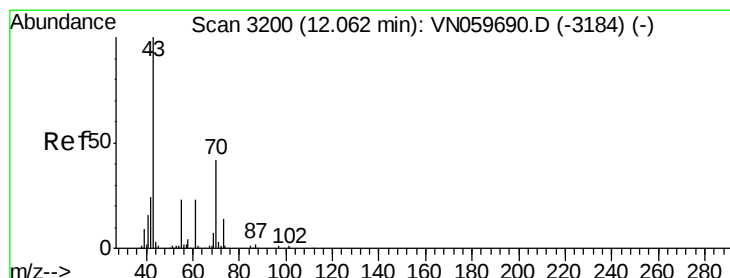
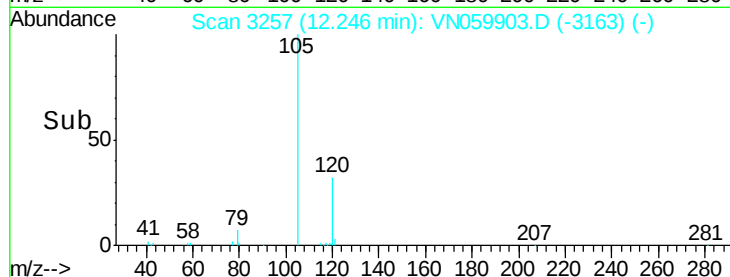
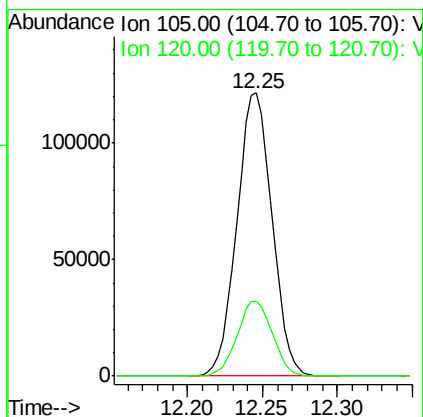
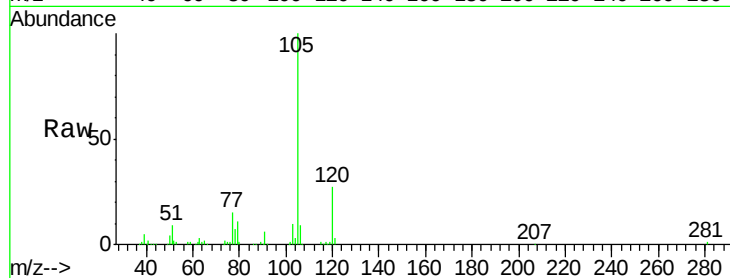
105 100

120 26.6 13.2 39.5

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#74

N-ethyl acetate

Concen: 17.031 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN059903.D

Acq: 29 Jan 2020 11:28

Tgt Ion: 43 Resp: 62984

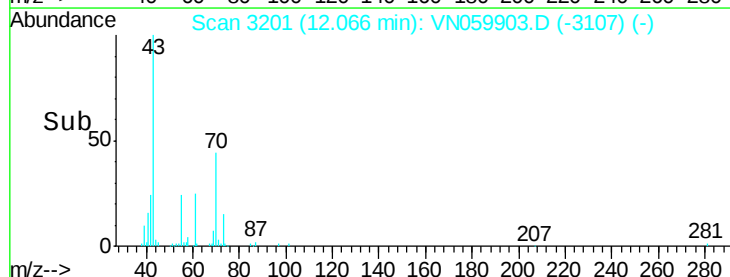
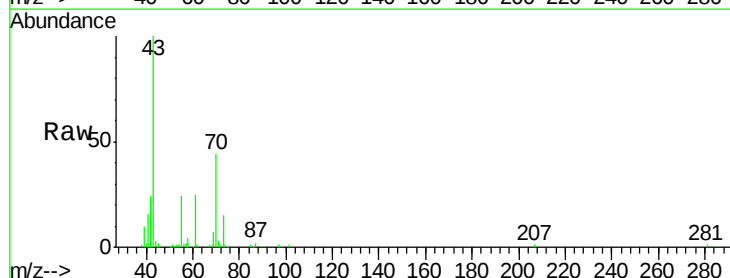
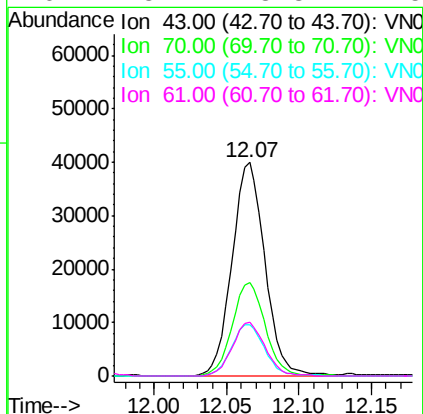
Ion Ratio Lower Upper

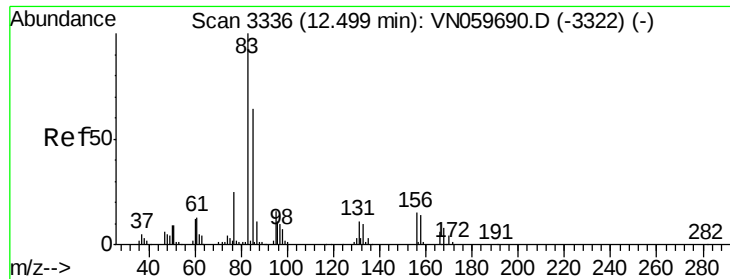
43 100

70 44.1 31.3 46.9

55 24.2 19.8 29.6

61 25.1 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.078 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059903.D

Acq: 29 Jan 2020 11:28

Instrument :

MSVOA_N

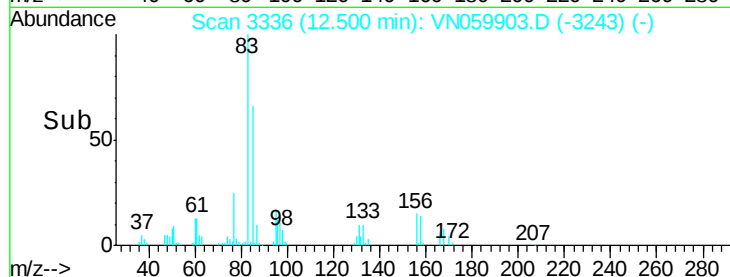
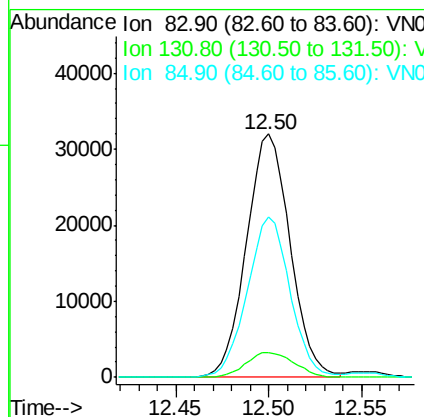
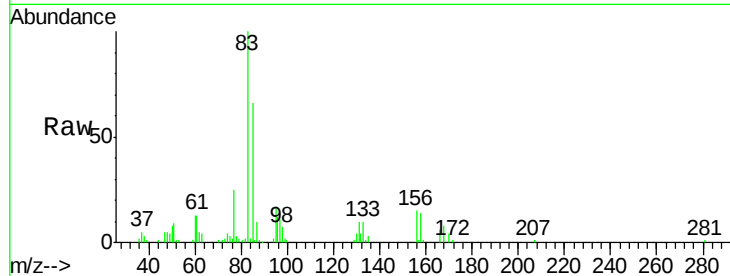
ClientSampleId :

VN0129WBS01

Tot Ion:	83	Resp:	52712
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.0	14.9
85	64.6	31.9	95.5

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#76

1,2,3-Trichloropropane

Concen: 22.834 ug/l m

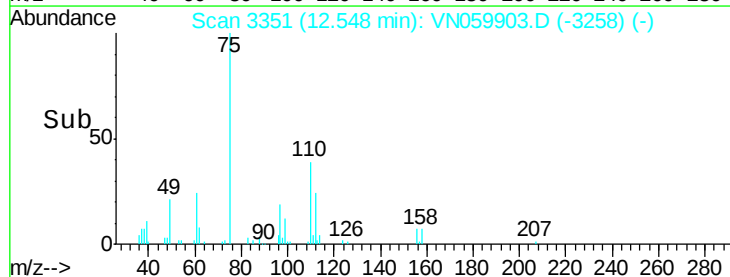
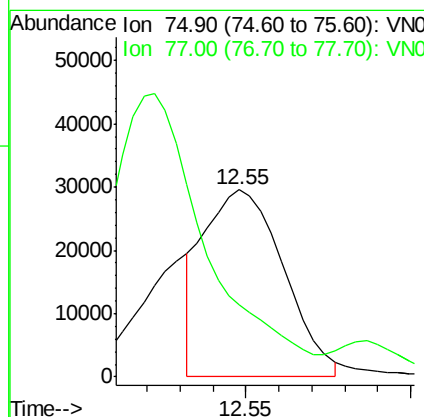
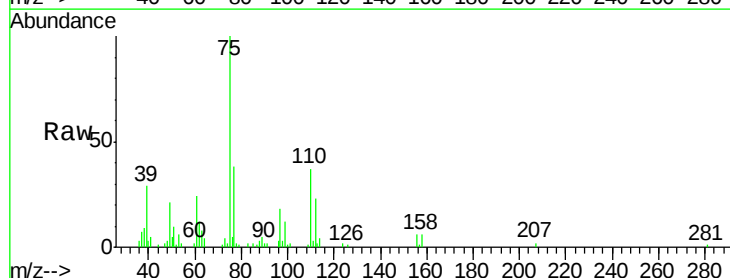
RT: 12.55 min Scan# 3351

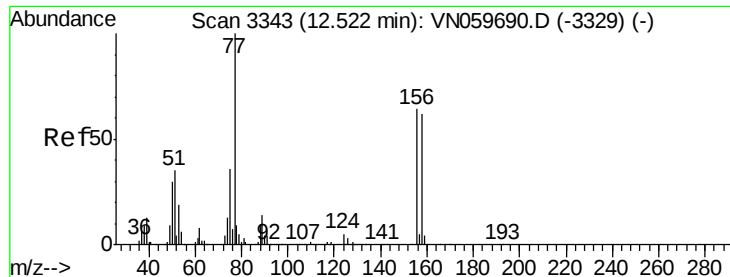
Delta R.T. 0.00 min

Lab File: VN059903.D

Acq: 29 Jan 2020 11:28

Tgt Ion:	75	Resp:	49936
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.821 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059903.D

Acq: 29 Jan 2020 11:28

Instrument :

MSVOA_N

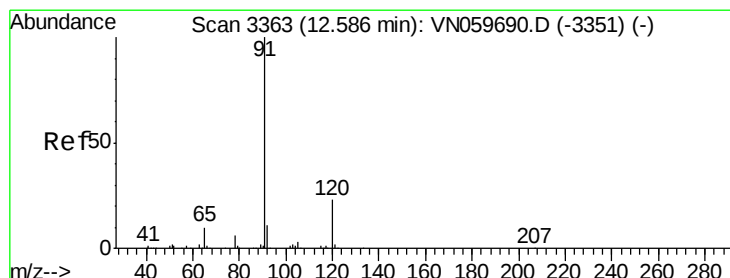
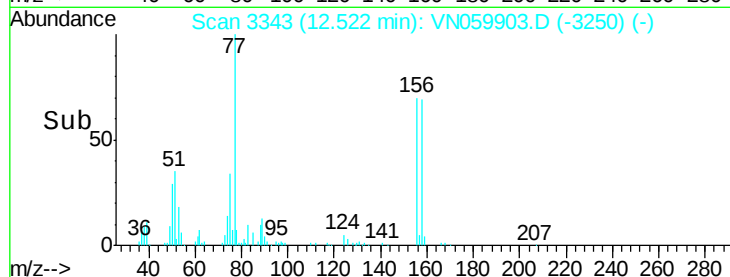
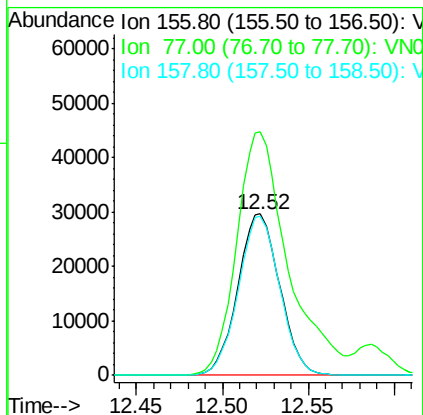
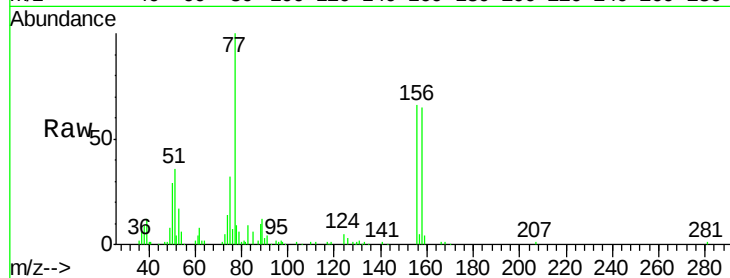
ClientSampleId :

VN0129WBS01

Tot Ion:	156	Resp:	50253
Ion Ratio	Lower	Upper	
156	100		
77	186.1	115.8	347.4
158	97.3	49.2	147.6

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#78

n-propylbenzene

Concen: 20.165 ug/l

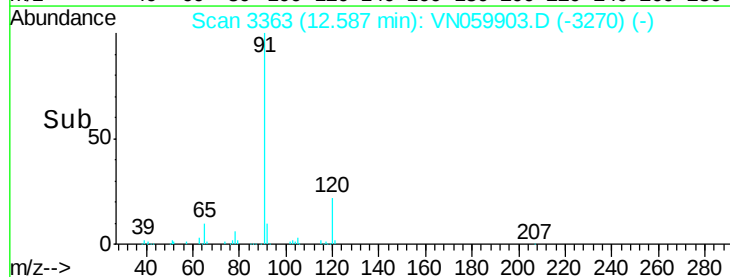
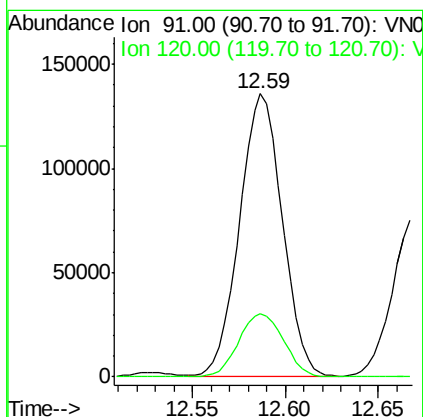
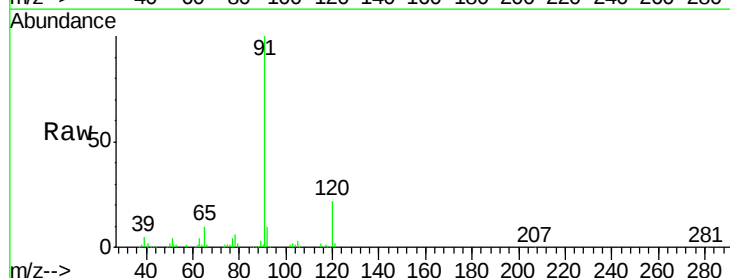
RT: 12.59 min Scan# 3363

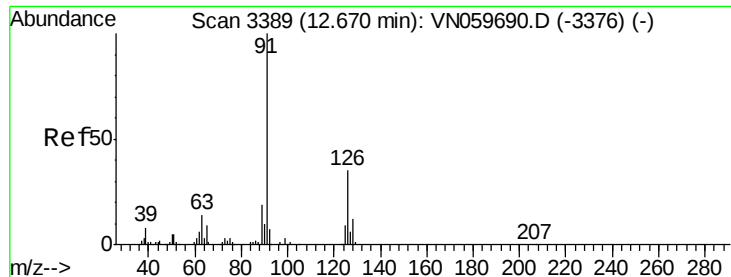
Delta R.T. 0.00 min

Lab File: VN059903.D

Acq: 29 Jan 2020 11:28

Tgt Ion:	91	Resp:	215706
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.1	33.3





#79

2-Chlorotoluene

Concen: 20.080 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059903.D

Acq: 29 Jan 2020 11:28

Instrument :

MSVOA_N

ClientSampled :

VN0129WBS01

Tot Ion: 91 Resp: 127786

Ion Ratio Lower Upper

91 100

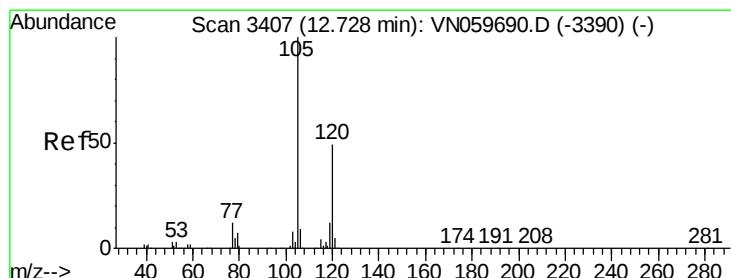
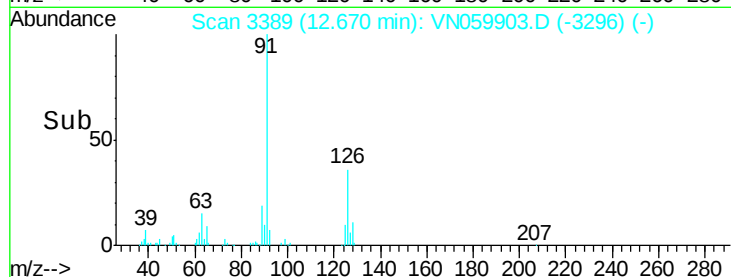
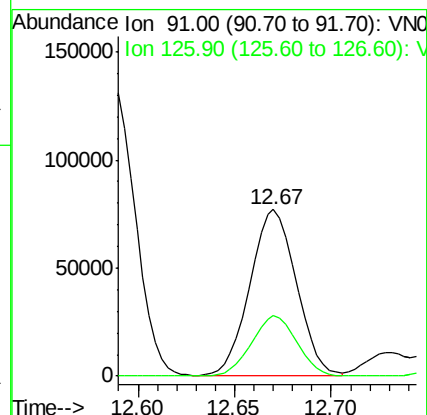
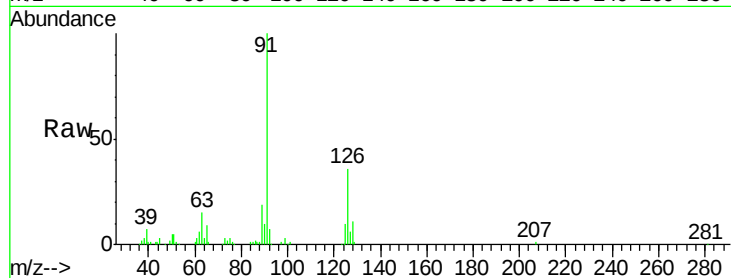
126 35.6 16.3 48.9

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#80

1,3,5-Trimethylbenzene

Concen: 20.434 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN059903.D

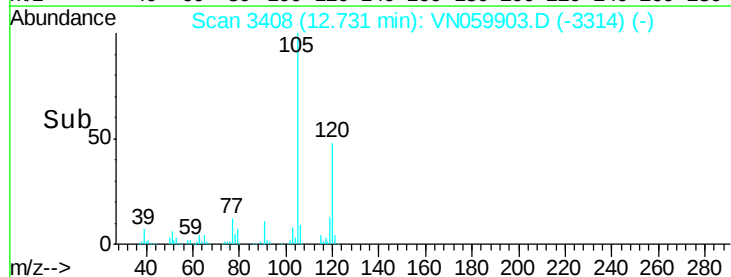
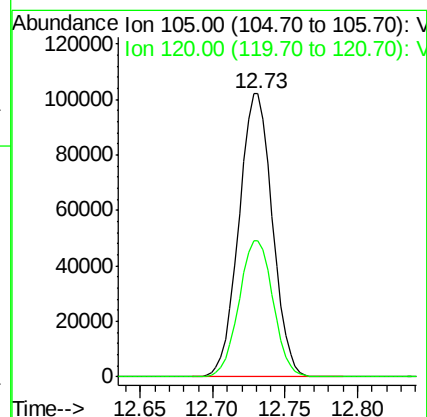
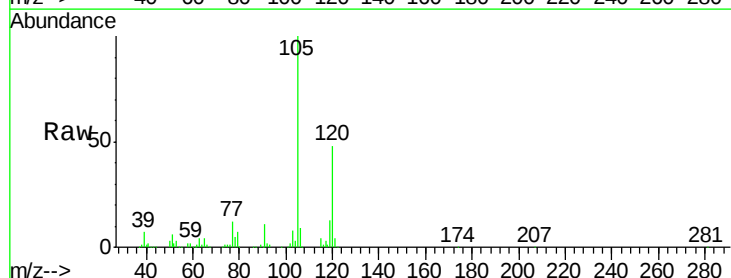
Acq: 29 Jan 2020 11:28

Tgt Ion: 105 Resp: 163783

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.384 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN059903.D

Acq: 29 Jan 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0129WBS01

Tot Ion: 75 Resp: 18722

Ion Ratio Lower Upper

75 100

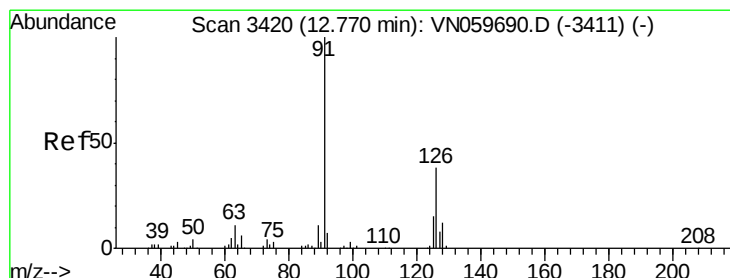
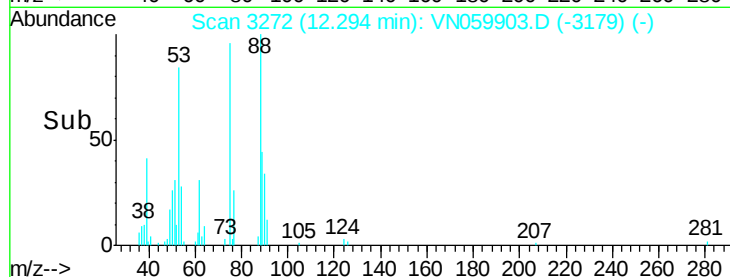
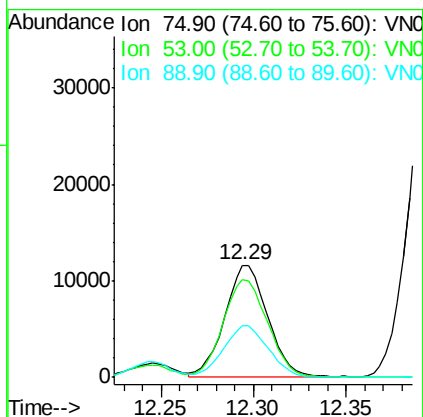
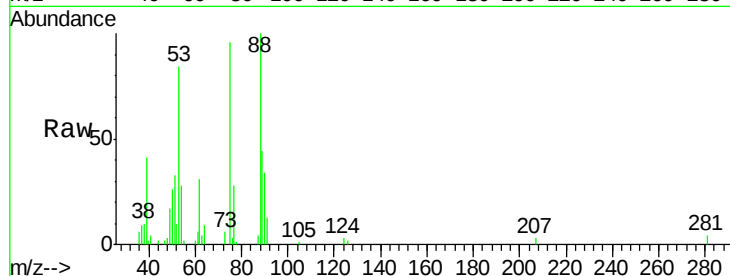
53 90.4 78.1 117.1

89 47.8 35.4 53.2

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#82

4-Chlorotoluene

Concen: 20.232 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN059903.D

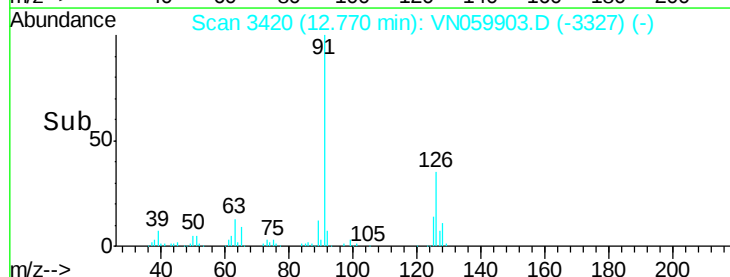
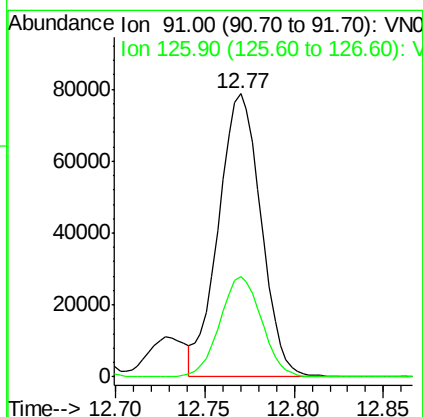
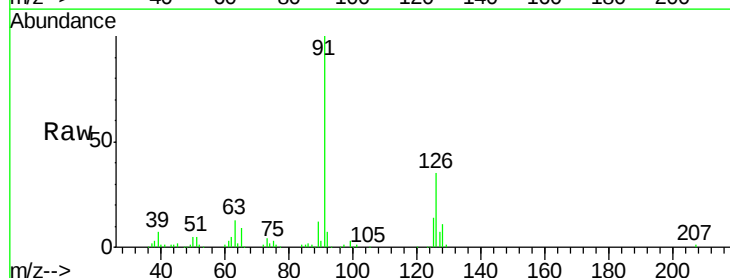
Acq: 29 Jan 2020 11:28

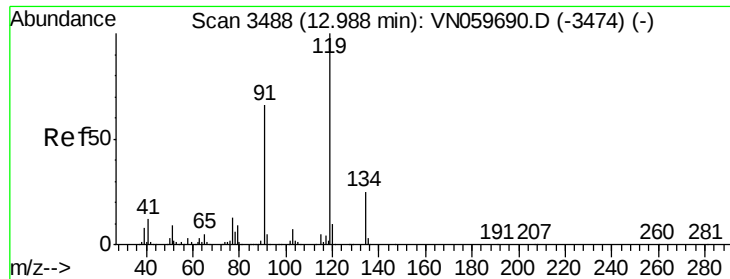
Tgt Ion: 91 Resp: 129142

Ion Ratio Lower Upper

91 100

126 35.1 16.3 48.8





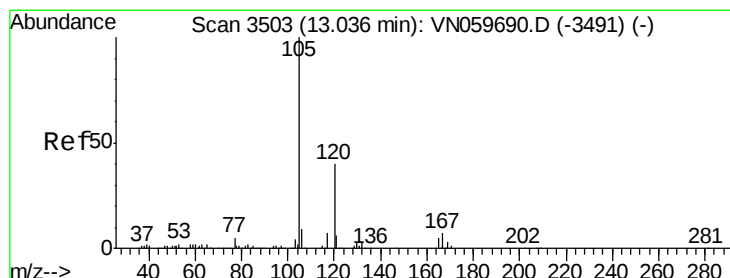
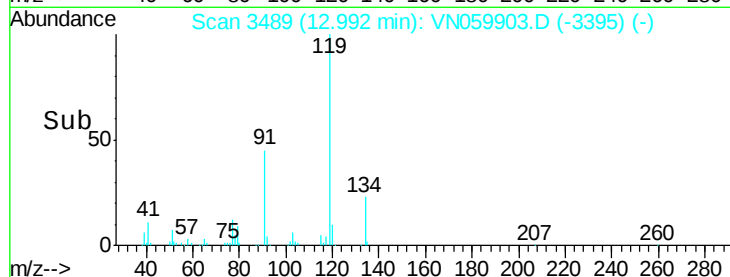
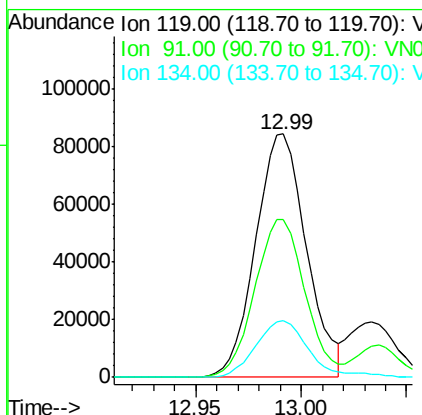
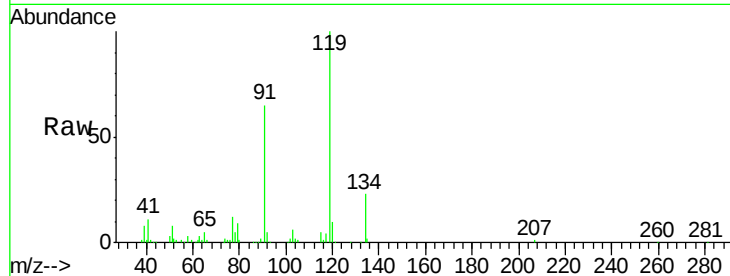
#83
tert-Butylbenzene
Concen: 20.421 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	141560		
91	63.9	34.8	104.4	
134	24.5	12.3	36.9	

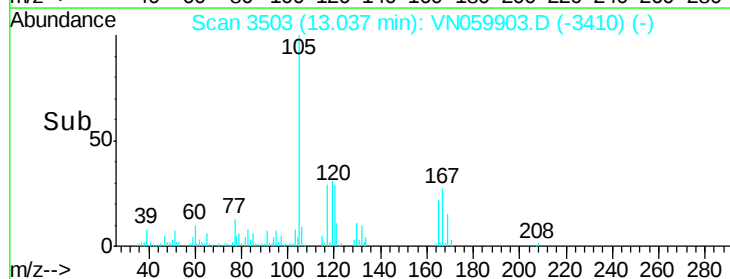
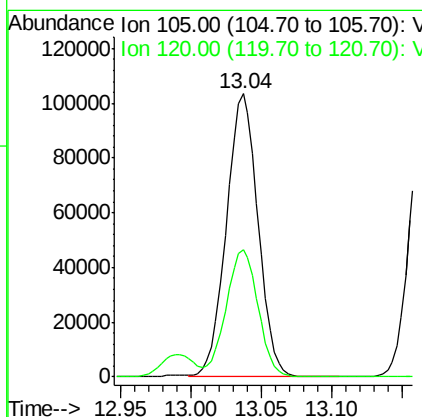
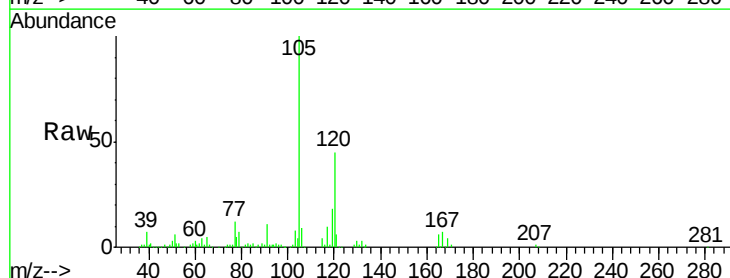
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#84
1,2,4-Trimethylbenzene
Concen: 20.476 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	162370		
120	45.3	22.3	66.9	





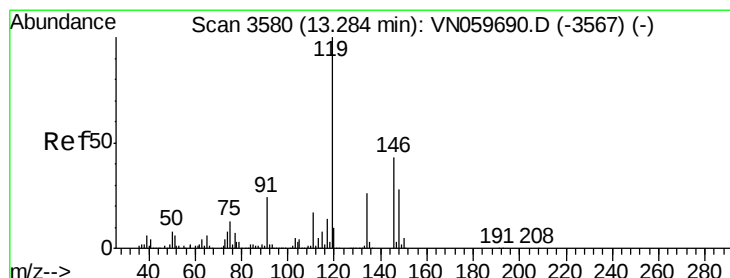
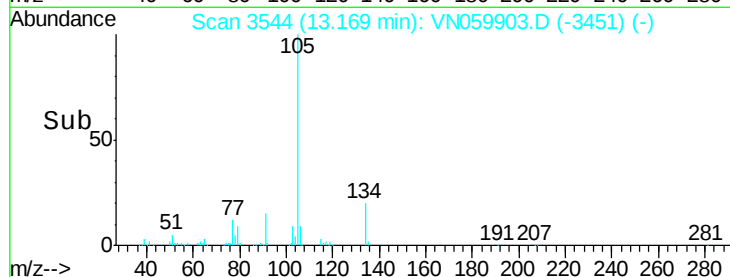
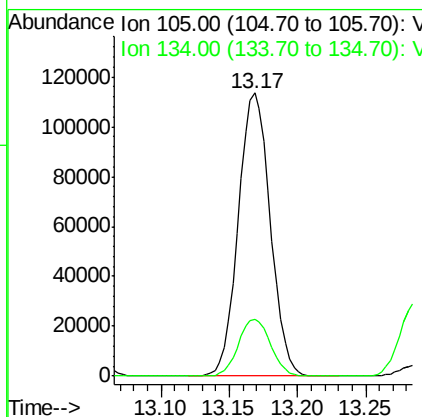
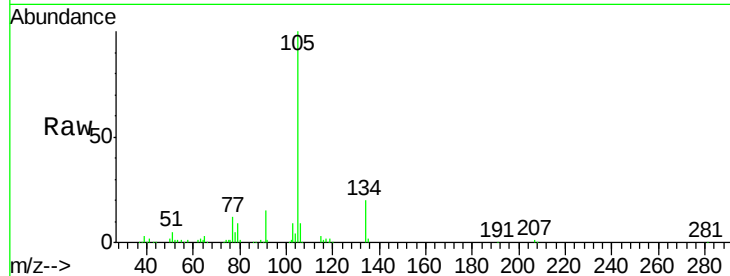
#85
 sec-Butylbenzene
 Concen: 20.246 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059903.D
 Acq: 29 Jan 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0129WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	184401		
134	20.2	9.8	29.5	

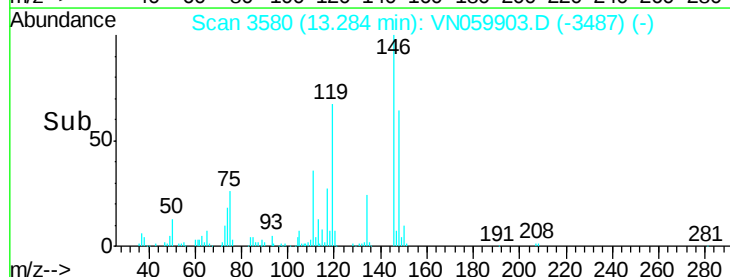
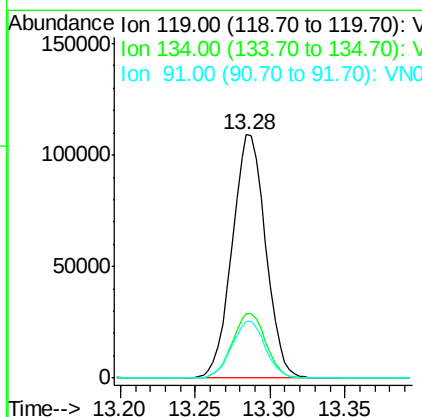
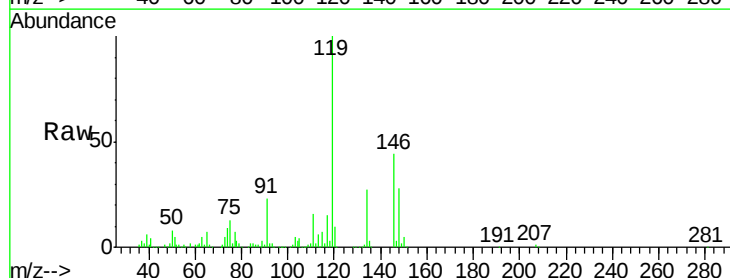
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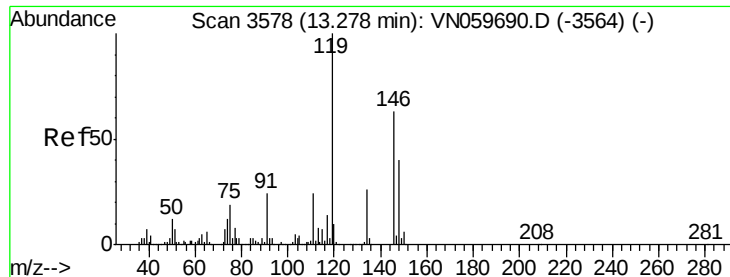
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#86
 p-Isopropyltoluene
 Concen: 20.227 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059903.D
 Acq: 29 Jan 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	170464		
134	26.7	12.9	38.7	
91	23.4	12.4	37.4	





#87

1,3-Dichlorobenzene

Concen: 20.635 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN059903.D

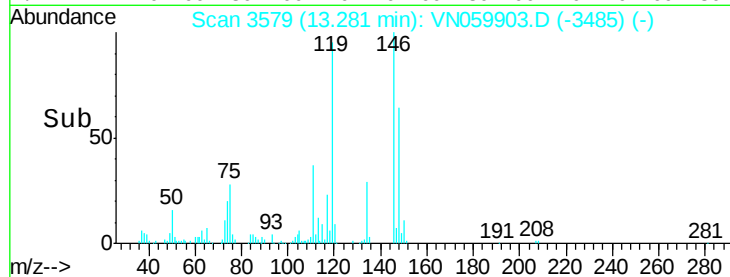
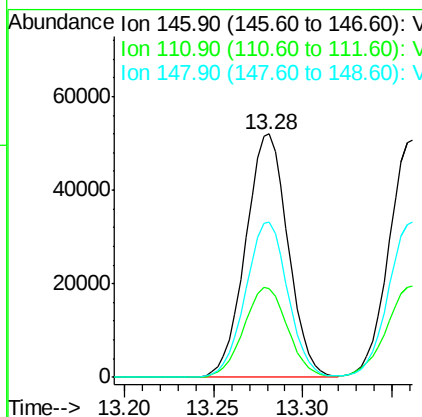
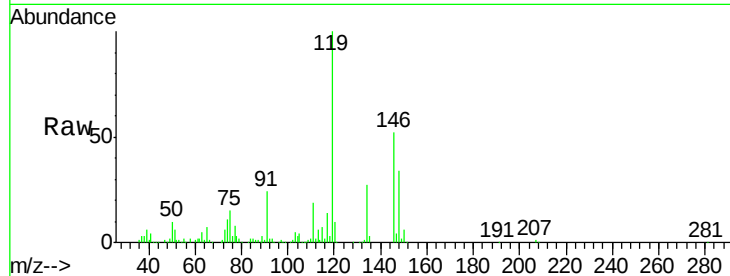
Acq: 29 Jan 2020 11:28

Instrument :
MSVOA_N
ClientSampled :
VN0129WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	20.8	62.2
148	63.8	32.0	96.0

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#88

1,4-Dichlorobenzene

Concen: 20.295 ug/l

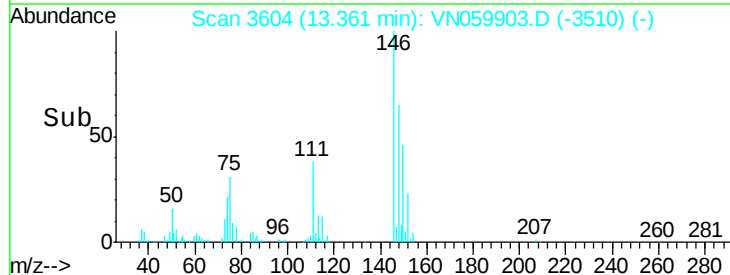
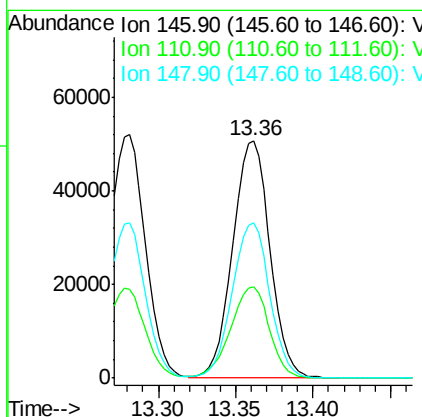
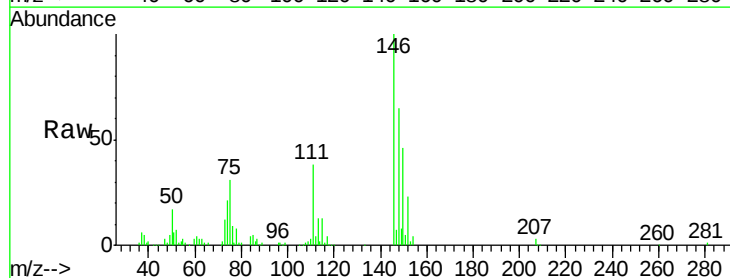
RT: 13.36 min Scan# 3604

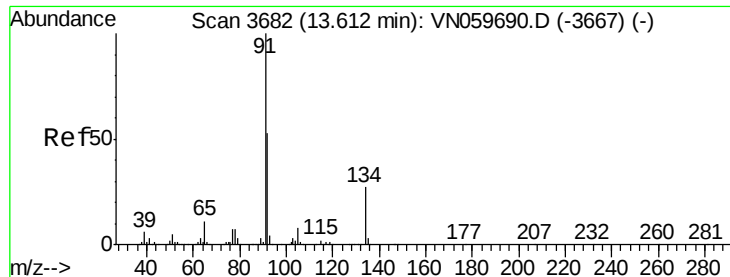
Delta R.T. 0.00 min

Lab File: VN059903.D

Acq: 29 Jan 2020 11:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.8	62.2
148	65.5	31.8	95.4





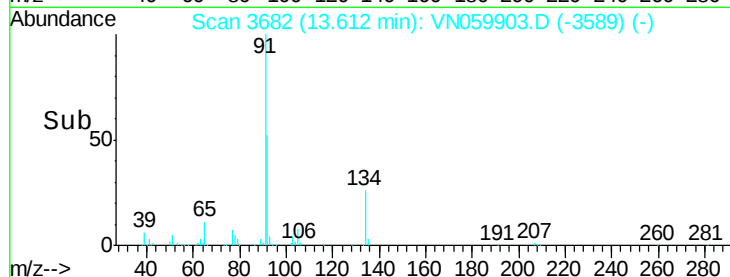
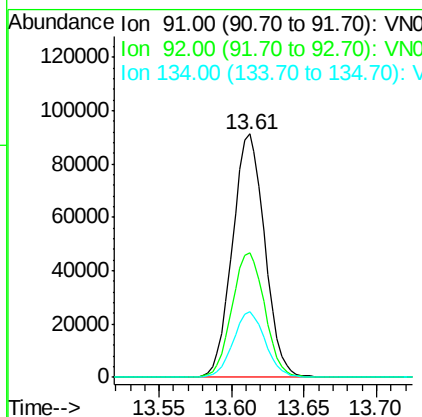
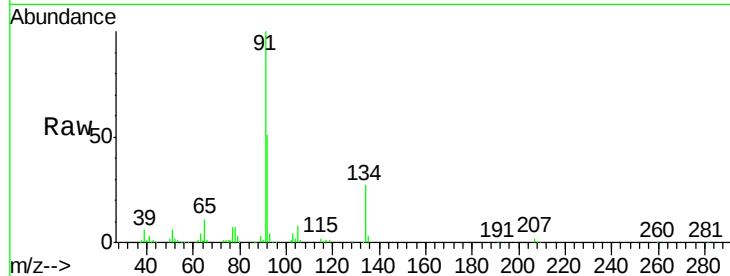
#89
n-Butylbenzene
Concen: 19.698 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	25.9	77.7
134	26.8	12.3	36.8

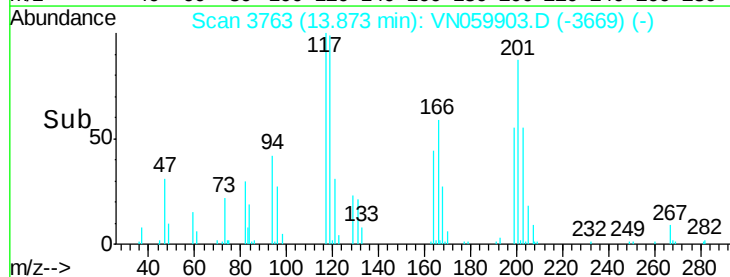
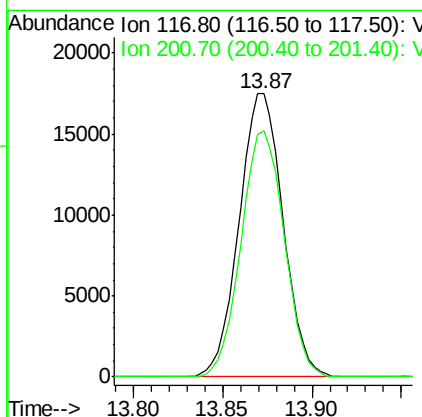
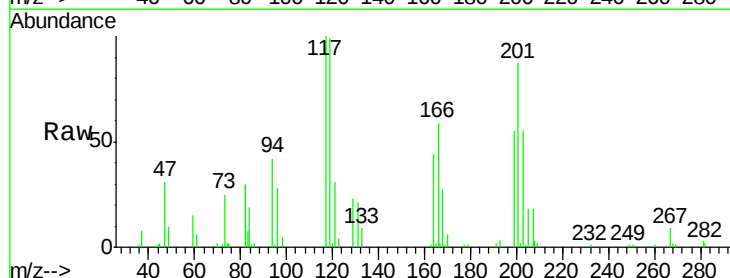
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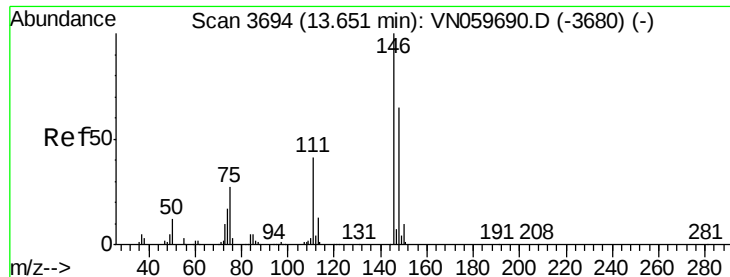
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#90
Hexachloroethane
Concen: 19.038 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.4	37.8	113.4





#91

1,2-Dichlorobenzene

Concen: 20.541 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN059903.D

Acq: 29 Jan 2020 11:28

Instrument :

MSVOA_N

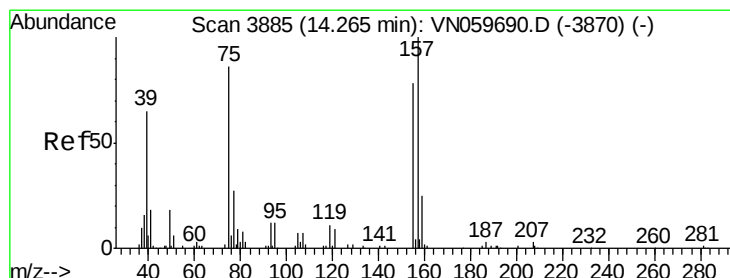
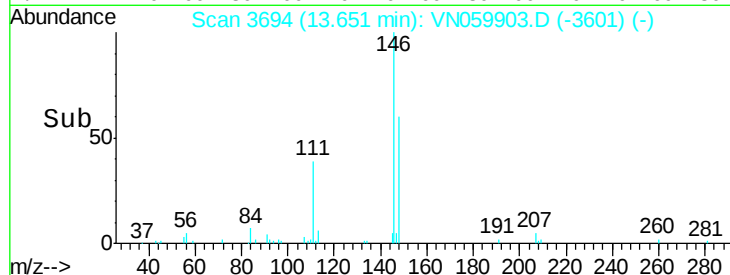
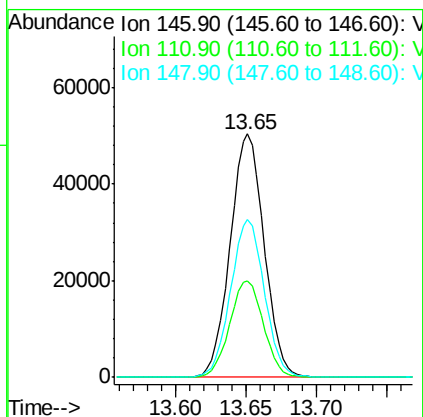
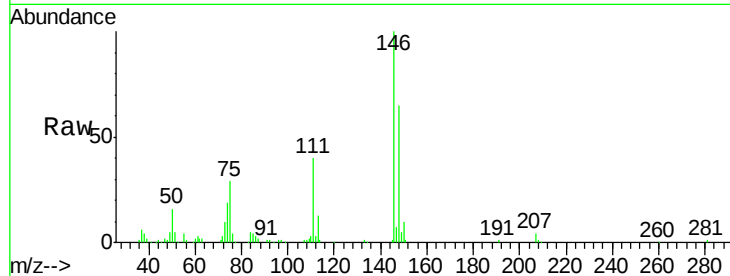
ClientSampleId :

VN0129WBS01

Tot Ion:	146	Resp:	85137
Ion Ratio	Lower	Upper	
146	100		
111	39.4	21.6	64.8
148	64.3	31.6	95.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.685 ug/l

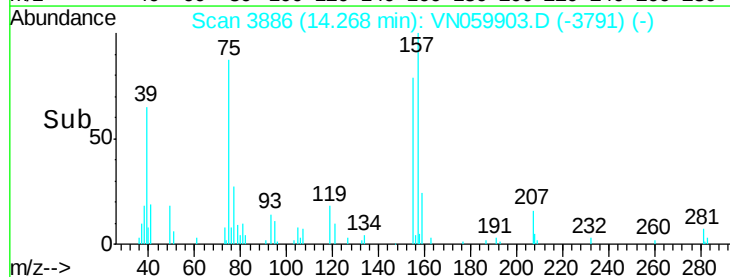
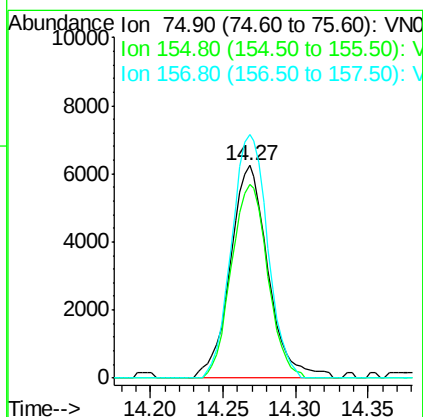
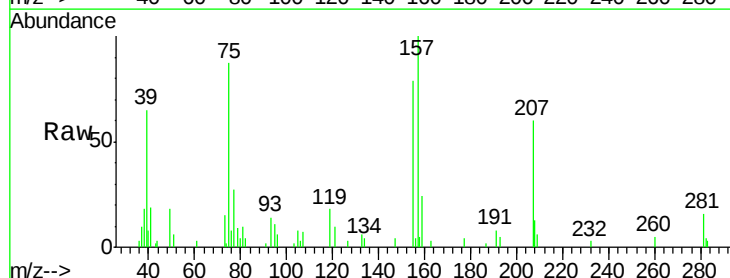
RT: 14.27 min Scan# 3886

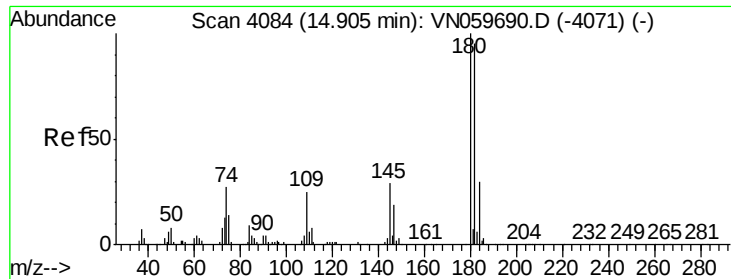
Delta R.T. 0.00 min

Lab File: VN059903.D

Acq: 29 Jan 2020 11:28

Tgt Ion:	75	Resp:	11288
Ion Ratio	Lower	Upper	
75	100		
155	87.5	37.0	110.9
157	109.2	48.4	145.2





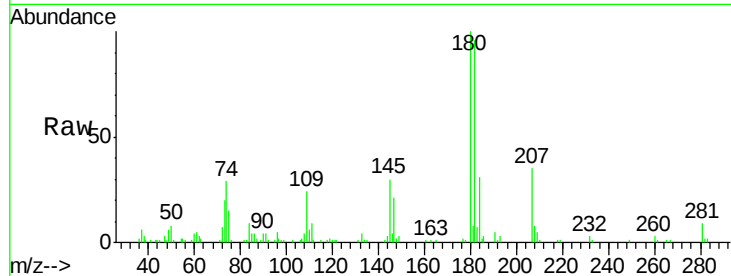
#93
 1,2,4-Trichlorobenzene
 Concen: 19.246 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN059903.D
 Acq: 29 Jan 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0129WBS01

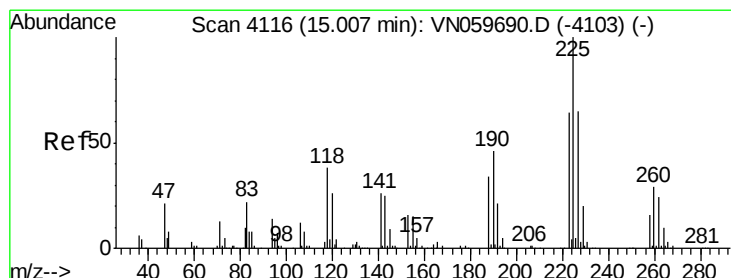
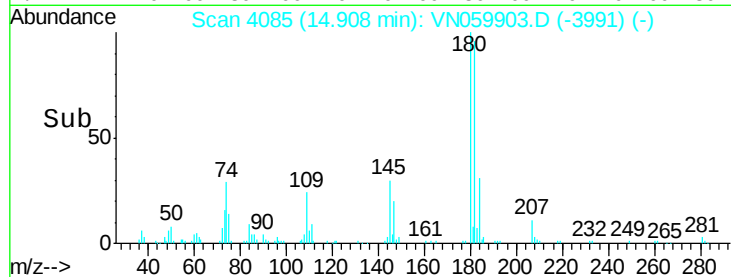
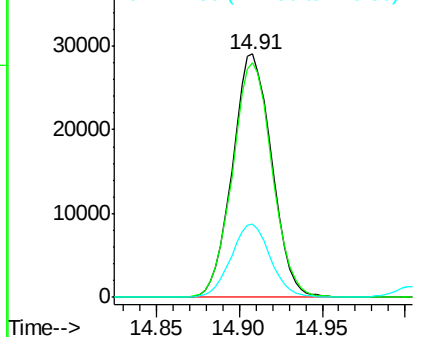
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.4	46.9	140.7
145	30.1	15.0	45.1

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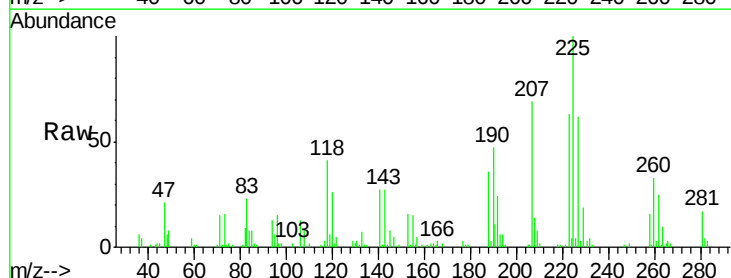


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

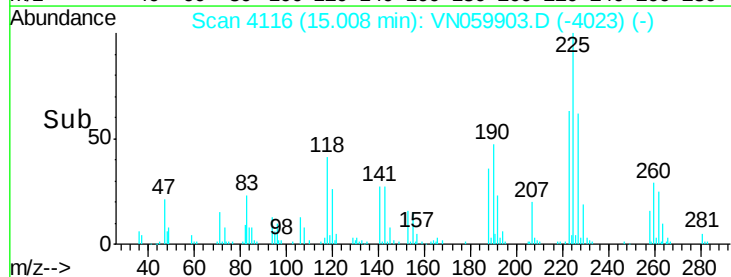
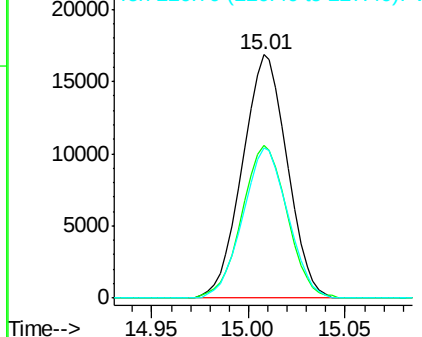


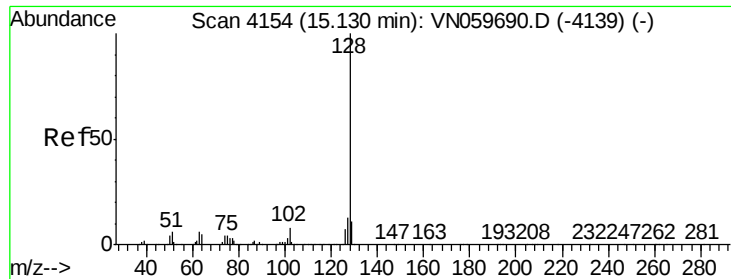
#94
 Hexachlorobutadiene
 Concen: 19.784 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059903.D
 Acq: 29 Jan 2020 11:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.8	95.3
227	62.0	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





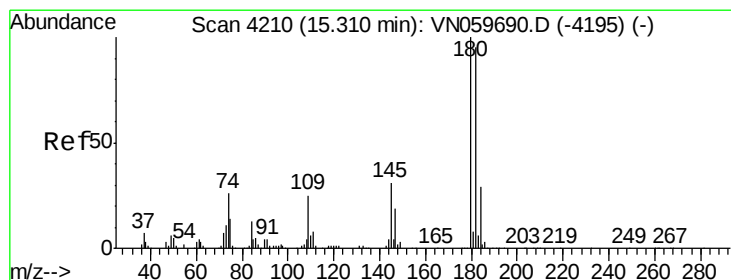
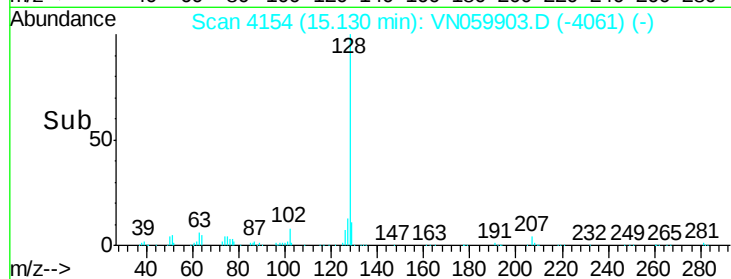
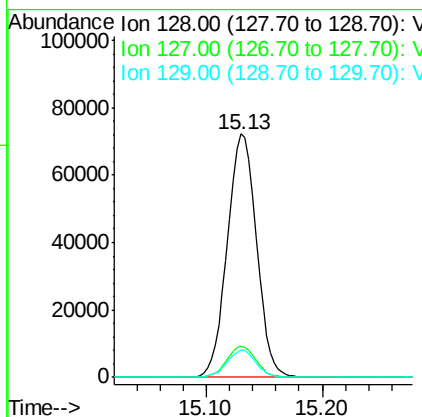
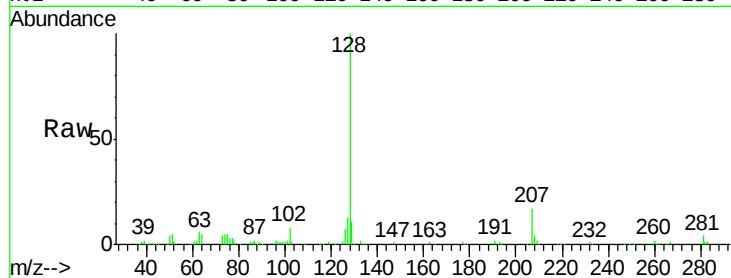
#95
Naphthalene
Concen: 17.768 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0129WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.8	8.6	12.8

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#96
1,2,3-Trichlorobenzene
Concen: 19.566 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN059903.D
Acq: 29 Jan 2020 11:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.4	142.3
145	32.4	16.3	48.9

