

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012820\
 Data File : VN059890.D
 Acq On : 28 Jan 2020 12:03
 Operator : JC/MD
 Sample : VN0128MBS01
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128MBS01

Manual Integrations
 APPROVED

MMDadoda
 1/29/2020 11:04:10 AM

Quant Time: Jan 28 12:47:42 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	211013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	321481	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	291206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	136699	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	113495	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
35) Dibromofluoromethane	7.56	113	96585	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
50) Toluene-d8	10.08	98	364237	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
62) 4-Bromofluorobenzene	12.40	95	127687	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	44336	17.481	ug/l	95
3) Chloromethane	2.04	50	41657	17.243	ug/l	100
4) Vinyl Chloride	2.17	62	54325	19.654	ug/l	98
5) Bromomethane	2.54	94	33027	19.579	ug/l	100
6) Chloroethane	2.68	64	25264	19.319	ug/l	100
7) Trichlorofluoromethane	3.00	101	65787	19.818	ug/l	99
8) Diethyl Ether	3.38	74	23402	20.088	ug/l	80
9) 1,1,2-Trichlorotrifluoroet	3.73	101	38688	20.940	ug/l	93
10) Methyl Iodide	3.93	142	56330	18.862	ug/l	95
11) Tert butyl alcohol	4.72	59	37625	95.376	ug/l	98
12) 1,1-Dichloroethene	3.71	96	36290	18.798	ug/l	89
13) Acrolein	3.57	56	16859	60.372	ug/l	95
14) Allyl chloride	4.29	41	48604	18.678	ug/l #	84
15) Acrylonitrile	4.94	53	86671	96.316	ug/l	98
16) Acetone	3.78	43	86119	101.816	ug/l	97
17) Carbon Disulfide	4.03	76	92207	16.766	ug/l	99
18) Methyl Acetate	4.29	43	52193	19.068	ug/l #	91
19) Methyl tert-butyl Ether	5.00	73	126015	20.020	ug/l	96
20) Methylene Chloride	4.52	84	42489	19.245	ug/l #	82
21) trans-1,2-Dichloroethene	5.01	96	39725	19.358	ug/l	84
22) Diisopropyl ether	5.91	45	114660	19.444	ug/l #	92
23) Vinyl Acetate	5.86	43	431682	94.549	ug/l #	93
24) 1,1-Dichloroethane	5.81	63	70344	19.523	ug/l	98
25) 2-Butanone	6.80	43	115884	87.326	ug/l	90
26) 2,2-Dichloropropane	6.79	77	67928	19.610	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	46765	19.813	ug/l	87
28) Bromochloromethane	7.17	49	28029	19.463	ug/l #	71
29) Tetrahydrofuran	7.18	42	73885	89.988	ug/l #	87
30) Chloroform	7.35	83	76339	20.448	ug/l	98
31) Cyclohexane	7.63	56	62813	18.117	ug/l #	84
32) 1,1,1-Trichloroethane	7.55	97	69618	20.168	ug/l	95
36) 1,1-Dichloropropene	7.77	75	54338	19.409	ug/l	95
37) Ethyl Acetate	6.90	43	47154	17.958	ug/l	96
38) Carbon Tetrachloride	7.75	117	62117	20.397	ug/l	99

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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	9.06	83	64711	18.746	ug/l	92
40) Benzene	8.02	78	162843	19.504	ug/l	100
41) Methacrylonitrile	7.15	41	19975m	15.445	ug/l	
42) 1,2-Dichloroethane	8.10	62	57271	20.231	ug/l	96
43) Isopropyl Acetate	8.14	43	83225	18.427	ug/l #	94
44) Trichloroethene	8.82	130	47363	20.780	ug/l	90
45) 1,2-Dichloropropane	9.10	63	41979	20.318	ug/l	99
46) Dibromomethane	9.19	93	29486	20.232	ug/l	91
47) Bromodichloromethane	9.38	83	61479	20.933	ug/l	97
48) Methyl methacrylate	9.18	41	36031	17.836	ug/l	88
49) 1,4-Dioxane	9.18	88	15057	407.142	ug/l	91
51) 4-Methyl-2-Pentanone	9.97	43	237281	90.885	ug/l	94
52) Toluene	10.14	92	105627	20.029	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	65721	20.041	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	69935	20.268	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	42745	20.464	ug/l	96
56) Ethyl methacrylate	10.42	69	58585	18.356	ug/l	93
57) 1,3-Dichloropropane	10.70	76	69427	20.936	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	96431	100.311	ug/l	92
59) 2-Hexanone	10.74	43	170688	88.744	ug/l	92
60) Dibromochloromethane	10.89	129	48311	20.311	ug/l	98
61) 1,2-Dibromoethane	10.99	107	44530	20.340	ug/l	98
64) Tetrachloroethene	10.62	164	51052	21.510	ug/l	96
65) Chlorobenzene	11.43	112	116063	20.277	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	45937	20.770	ug/l	99
67) Ethyl Benzene	11.50	91	204323	19.665	ug/l	96
68) m/p-Xylenes	11.62	106	155556	39.633	ug/l	94
69) o-Xylene	11.94	106	75948	19.765	ug/l	94
70) Styrene	11.96	104	122162	18.999	ug/l	97
71) Bromoform	12.12	173	35554	20.069	ug/l #	98
73) Isopropylbenzene	12.24	105	206866	20.634	ug/l	100
74) N-amyl acetate	12.06	43	68784	17.681	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	56794	19.541	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	52117m	22.655	ug/l	
77) Bromobenzene	12.52	156	52690	20.754	ug/l	79
78) n-propylbenzene	12.59	91	227574	20.224	ug/l	97
79) 2-Chlorotoluene	12.67	91	135228	20.201	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	170096	20.174	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	19919	18.594	ug/l	94
82) 4-Chlorotoluene	12.77	91	136716	20.362	ug/l	95
83) tert-Butylbenzene	12.99	119	149711	20.531	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	171533	20.564	ug/l	99
85) sec-Butylbenzene	13.17	105	192050	20.046	ug/l	99
86) p-Isopropyltoluene	13.28	119	177230	19.992	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	90360	20.489	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	89332	20.305	ug/l	97
89) n-Butylbenzene	13.61	91	148700	19.673	ug/l	98
90) Hexachloroethane	13.87	117	32470	19.576	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	87597	20.092	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12242	18.300	ug/l	88

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Instrument :
MSVOA_N
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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)
93) 1,2,4-Trichlorobenzene	14.91	180	50319	19.208	ug/l	99
94) Hexachlorobutadiene	15.01	225	29584	20.492	ug/l	98
95) Naphthalene	15.13	128	128548	17.251	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	48117	18.870	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059890.D

Acq: 28 Jan 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0128MBS01

Tot Ion:168 Resp: 211013

Ion Ratio Lower Upper

168 100

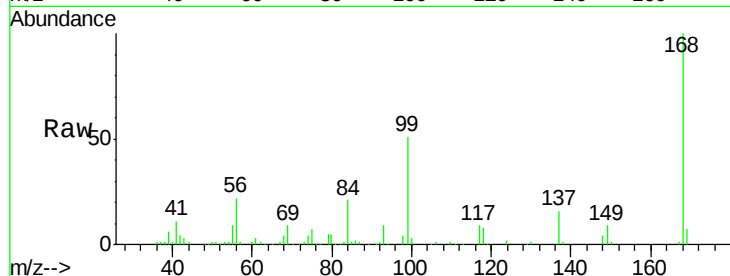
99 50.7 48.2 72.4

Manual Integrations

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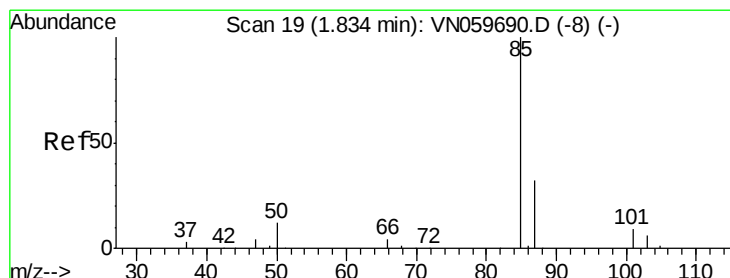
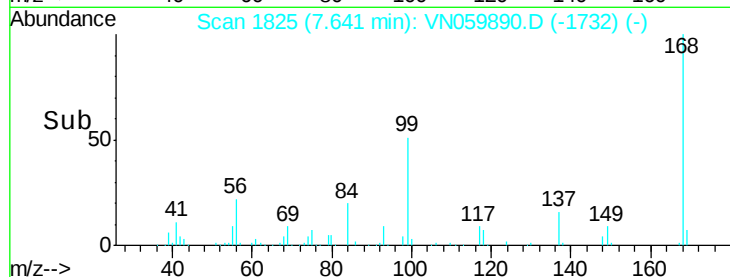
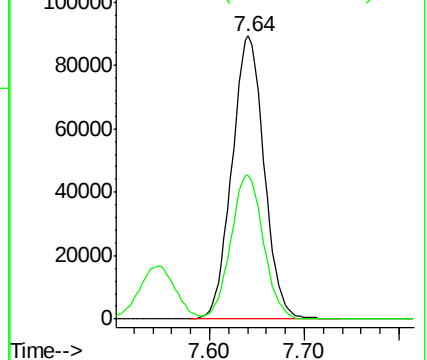
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 17.481 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059890.D

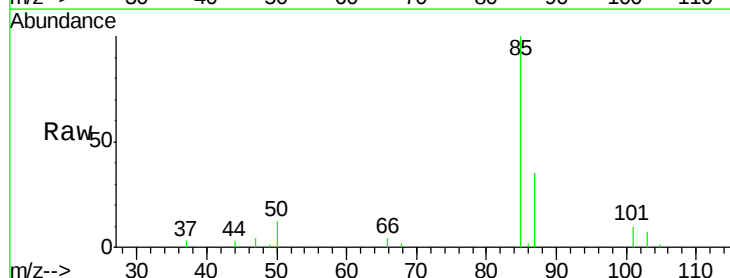
Acq: 28 Jan 2020 12:03

Tgt Ion: 85 Resp: 44336

Ion Ratio Lower Upper

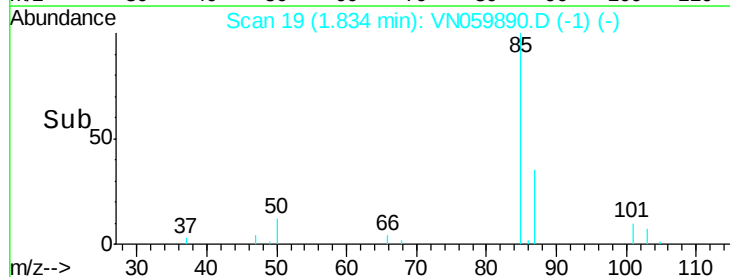
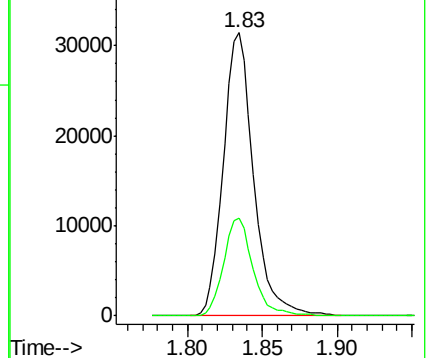
85 100

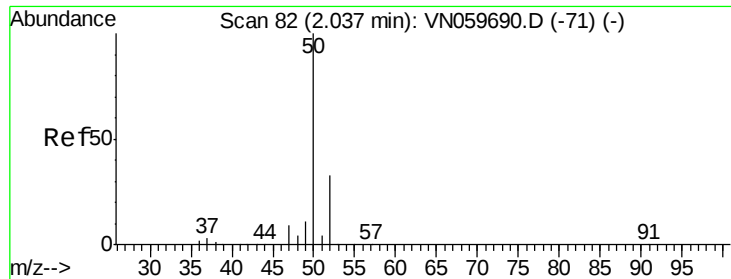
87 34.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 17.243 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059890.D

Acq: 28 Jan 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0128MBS01

Tot Ion: 50 Resp: 41657

Ion Ratio Lower Upper

50 100

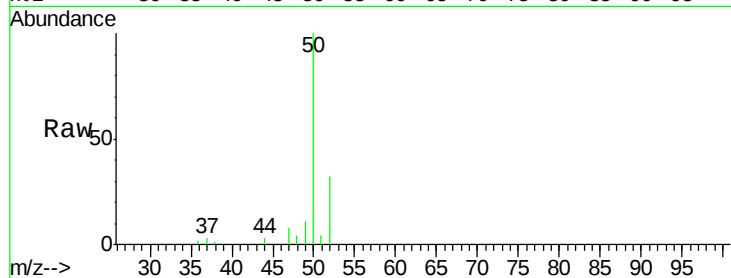
52 32.3 25.9 38.9

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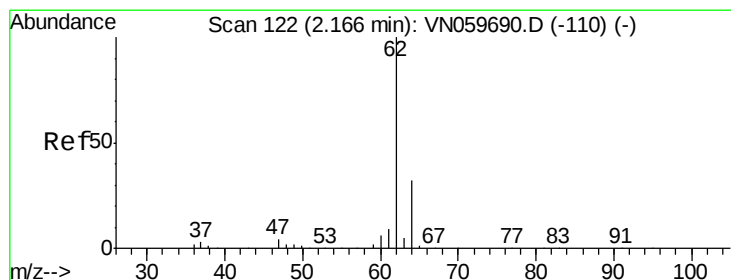
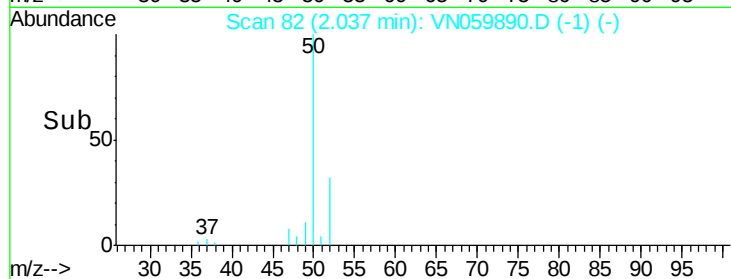
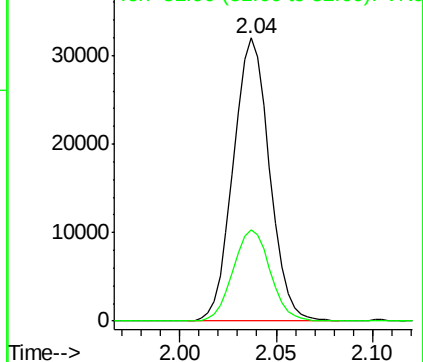
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 19.654 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059890.D

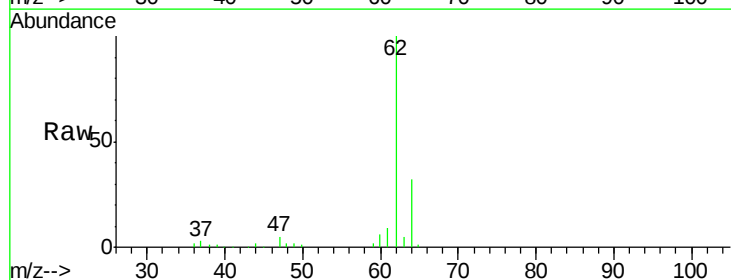
Acq: 28 Jan 2020 12:03

Tgt Ion: 62 Resp: 54325

Ion Ratio Lower Upper

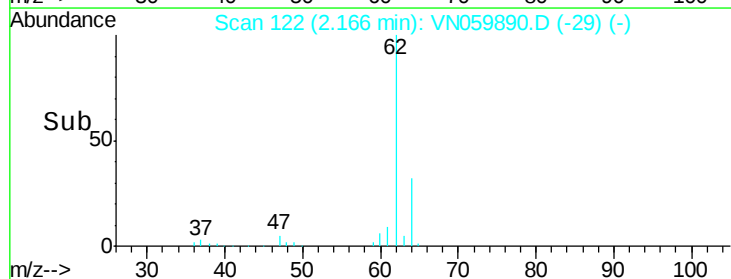
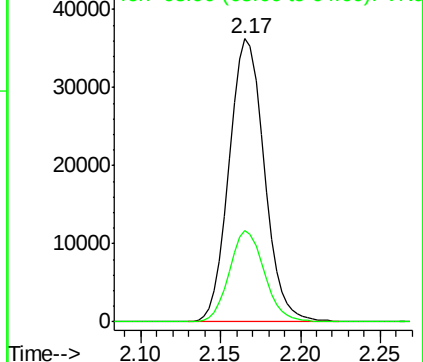
62 100

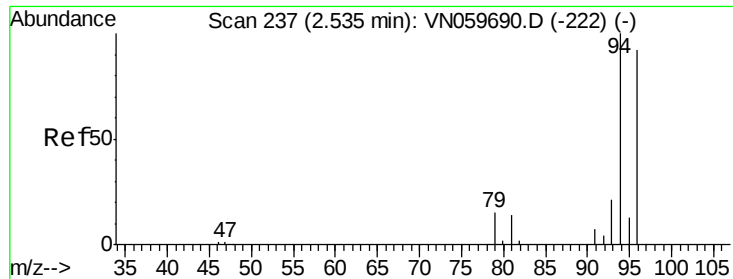
64 32.1 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 19.579 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.01 min

Lab File: VN059890.D

Acq: 28 Jan 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0128MBS01

Tot Ion: 94 Resp: 33027

Ion Ratio Lower Upper

94 100

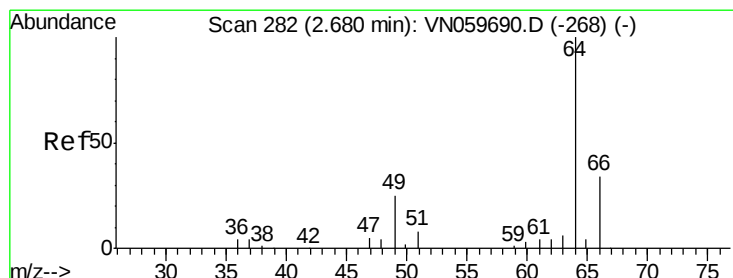
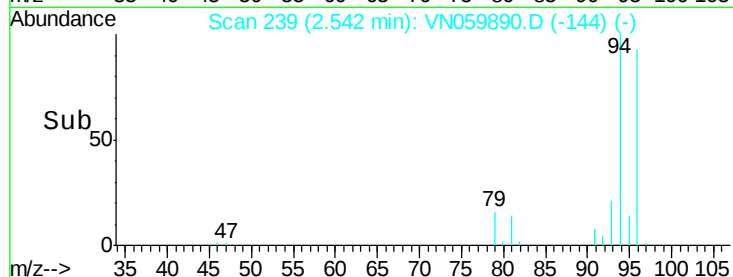
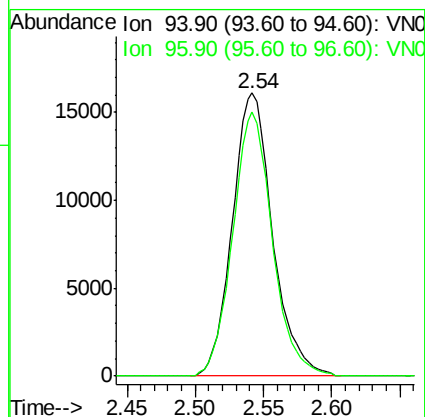
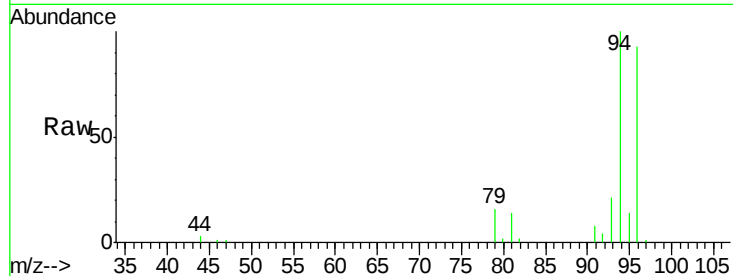
96 93.4 74.7 112.1

Manual Integrations

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#6

Chloroethane

Concen: 19.319 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059890.D

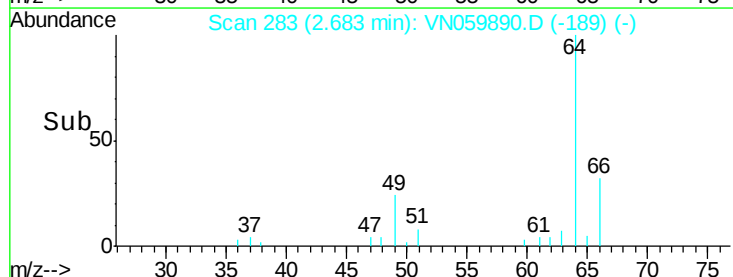
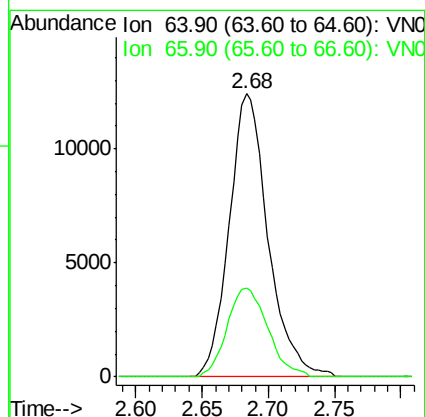
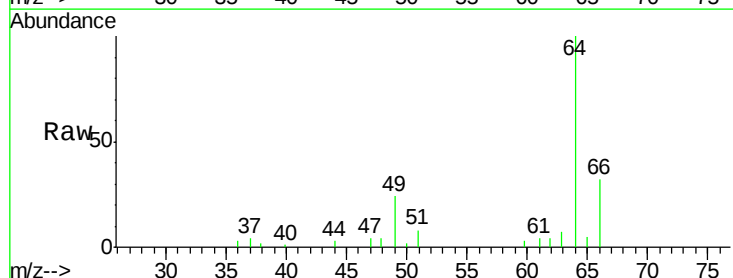
Acq: 28 Jan 2020 12:03

Tgt Ion: 64 Resp: 25264

Ion Ratio Lower Upper

64 100

66 31.6 25.1 37.7





#7

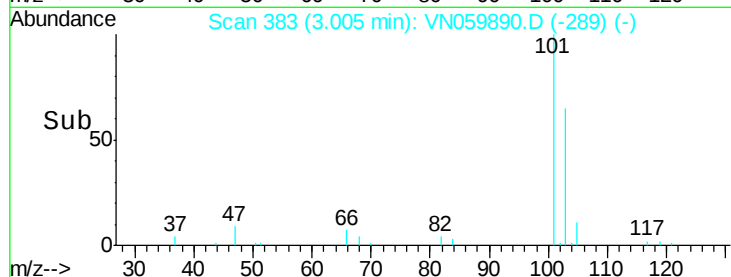
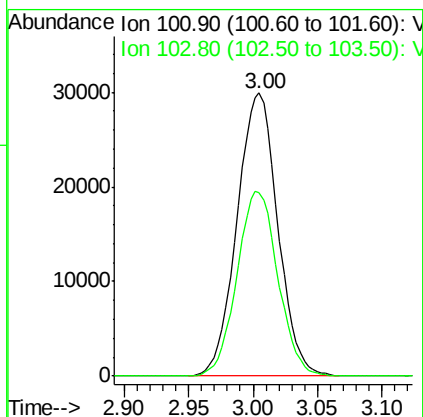
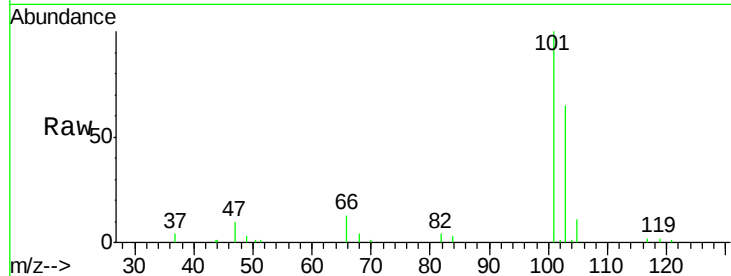
Trichlorofluoromethane
Concen: 19.818 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Instrument :
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ClientSampleId :
VN0128MBS01

Tot Ion:101 Resp: 65787
Ion Ratio Lower Upper
101 100
103 64.6 51.0 76.6

Manual Integrations
APPROVED

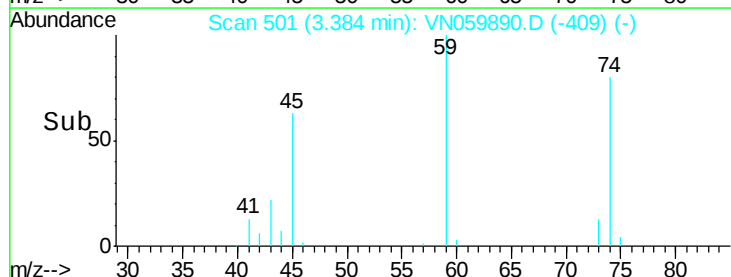
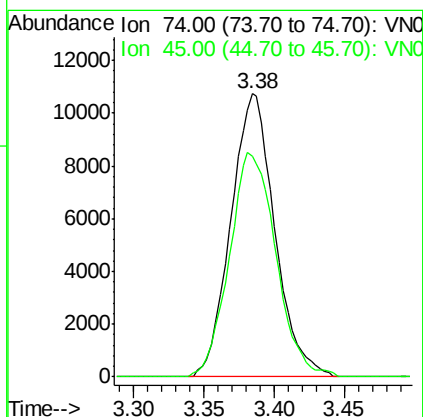
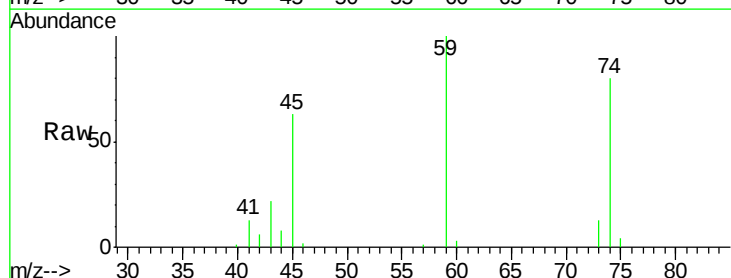
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#8

Diethyl Ether
Concen: 20.088 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Tgt Ion: 74 Resp: 23402
Ion Ratio Lower Upper
74 100
45 83.9 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.940 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.01 min

Lab File: VN059890.D

Acq: 28 Jan 2020 12:03

Instrument :

MSVOA_N

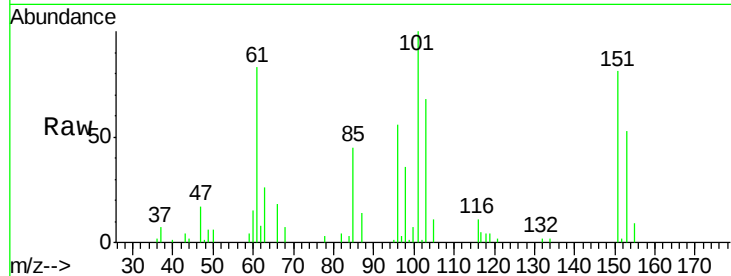
ClientSampleId :

VN0128MBS01

Tot Ion:	101	Resp:	38688
Ion Ratio	Lower	Upper	
101	100		
85	42.9	36.6	54.8
151	82.2	59.7	89.5

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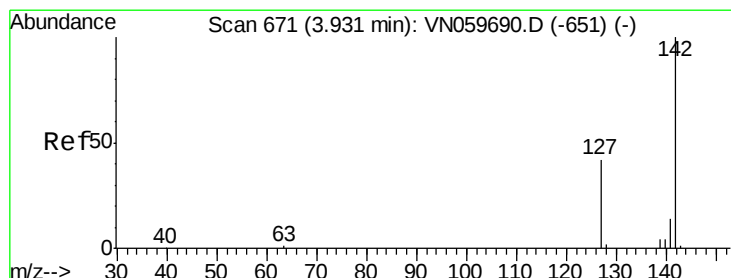
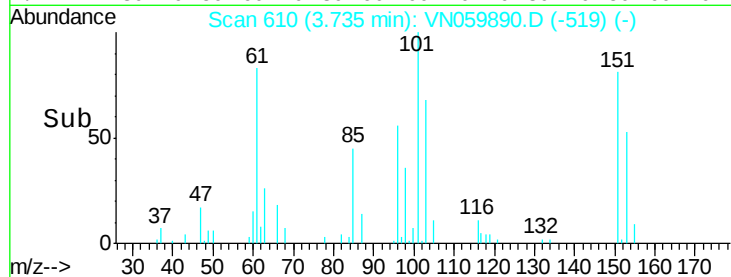
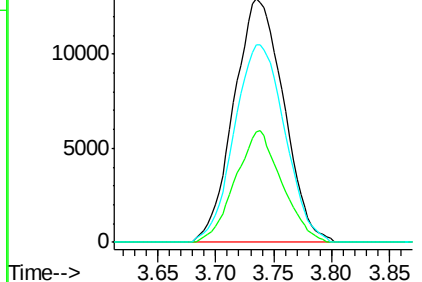
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1/29/2020 11:04:10 AM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.862 ug/l

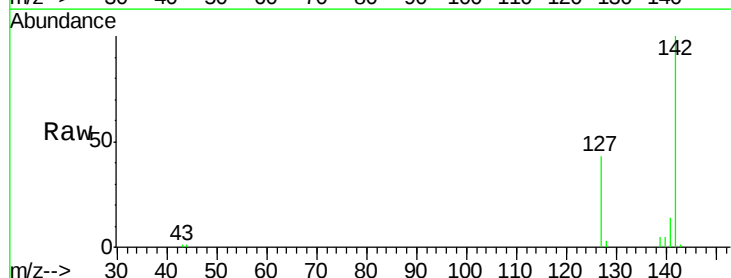
RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN059890.D

Acq: 28 Jan 2020 12:03

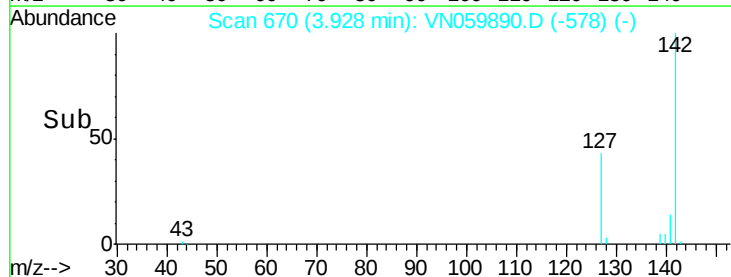
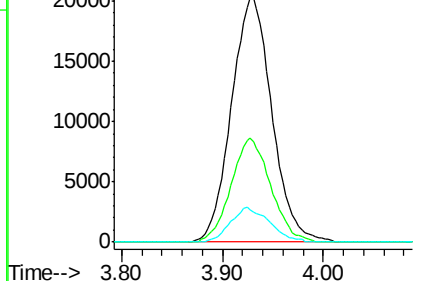
Tgt Ion:	142	Resp:	56330
Ion Ratio	Lower	Upper	
142	100		
127	41.6	36.7	55.1
141	13.8	11.7	17.5

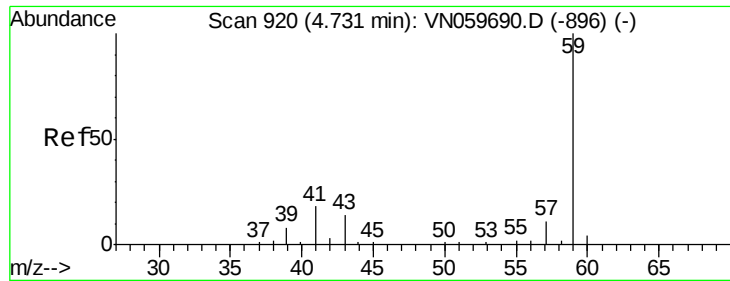


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





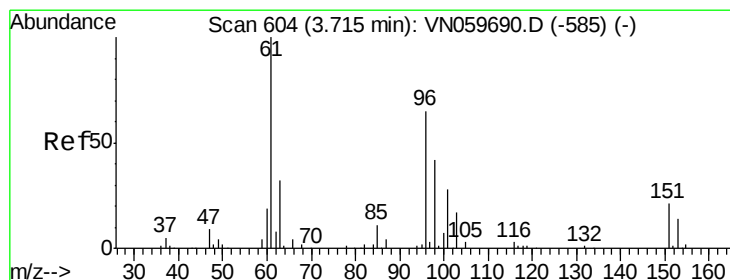
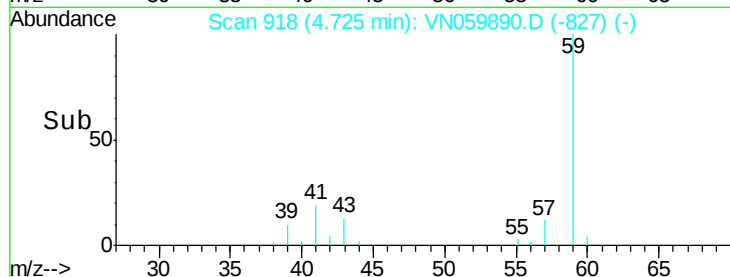
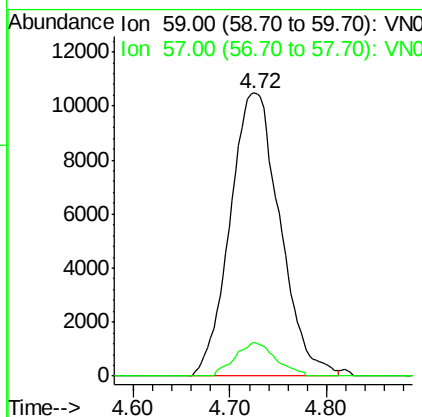
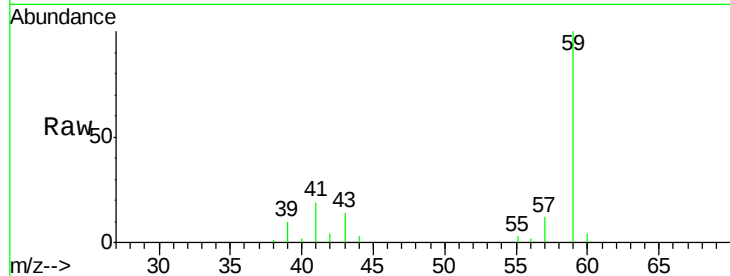
#11
Tert butyl alcohol
Concen: 95.376 ug/l
RT: 4.72 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0128MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.6	12.8

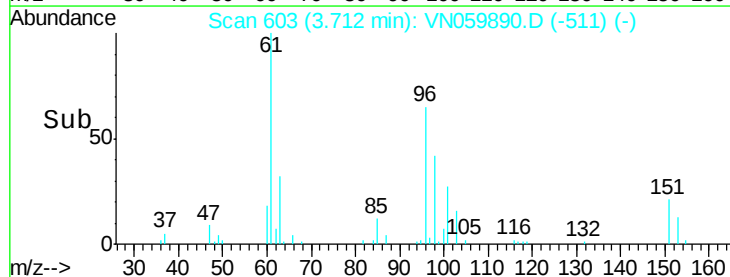
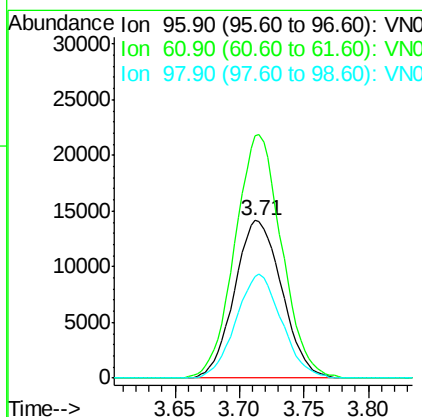
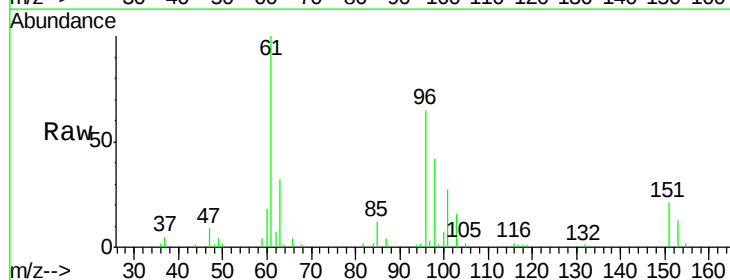
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#12
1,1-Dichloroethene
Concen: 18.798 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.5	137.5	206.3
98	64.2	50.2	75.4





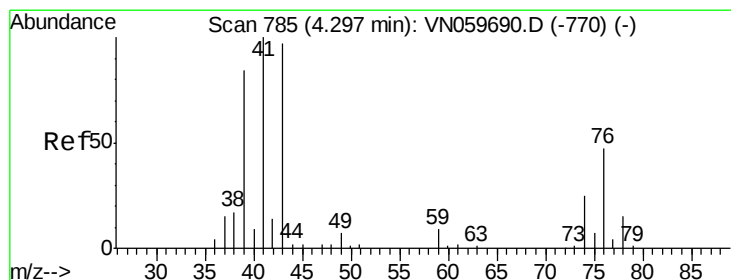
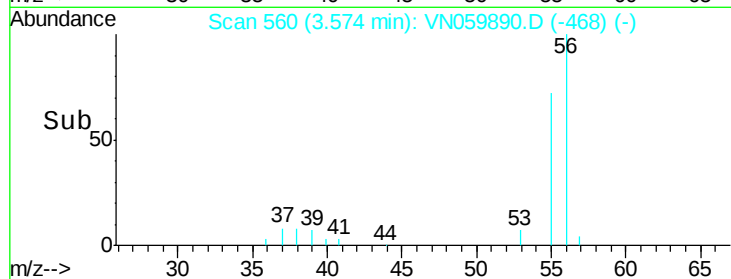
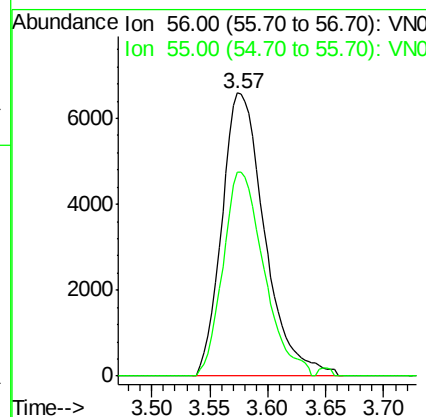
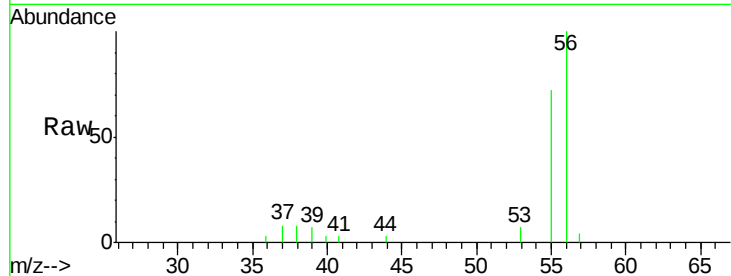
#13
Acrolein
Concen: 60.372 ug/l
RT: 3.57 min Scan# 560
Delta R.T. -0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0128MBS01

Tot Ion	56	Resp	16859
Ion	Ratio	Lower	Upper
56	100		
55	69.0	58.6	88.0

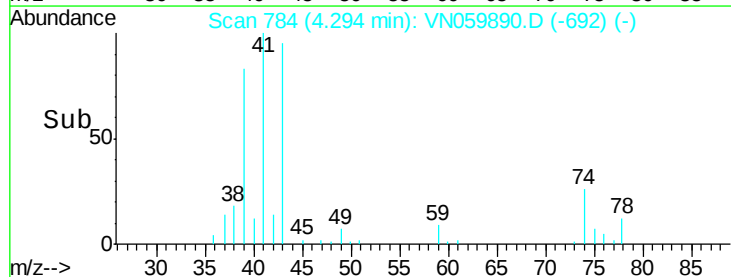
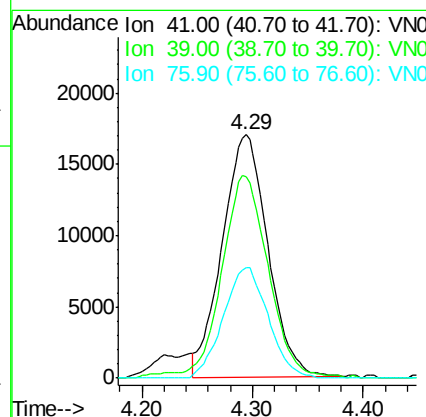
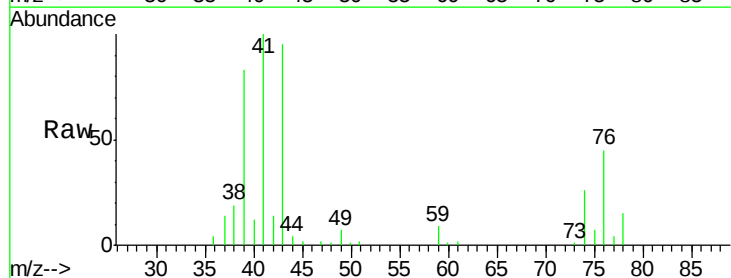
Manual Integrations
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#14
Allyl chloride
Concen: 18.678 ug/l
RT: 4.29 min Scan# 784
Delta R.T. -0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Tgt Ion	41	Resp	48604
Ion	Ratio	Lower	Upper
41	100		
39	82.6	57.8	86.8
76	45.0	25.4	38.0





#15

Acrylonitrile

Concen: 96.316 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN059890.D

Acq: 28 Jan 2020 12:03

Instrument :

MSVOA_N

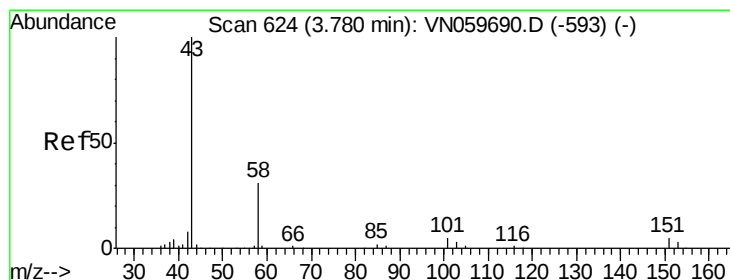
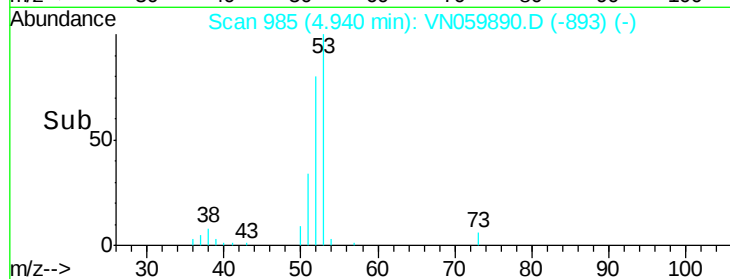
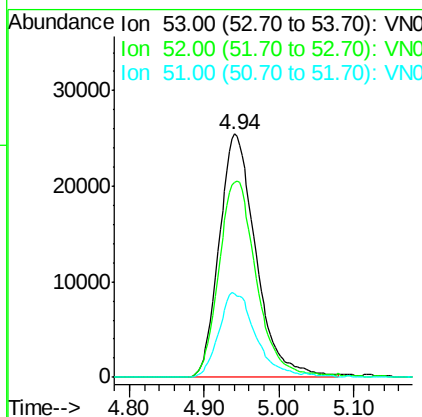
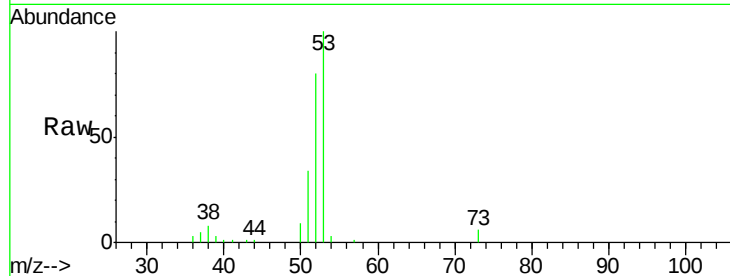
ClientSampleId :

VN0128MBS01

Tot Ion:	53	Resp:	86671
Ion Ratio	Lower	Upper	
53	100		
52	82.4	66.3	99.5
51	34.8	29.7	44.5

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#16

Acetone

Concen: 101.816 ug/l

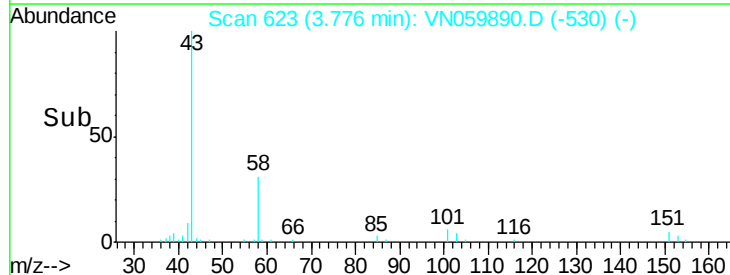
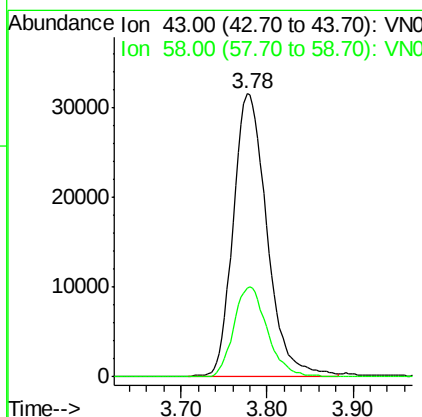
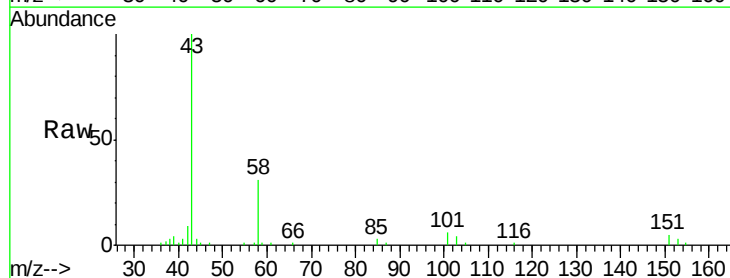
RT: 3.78 min Scan# 623

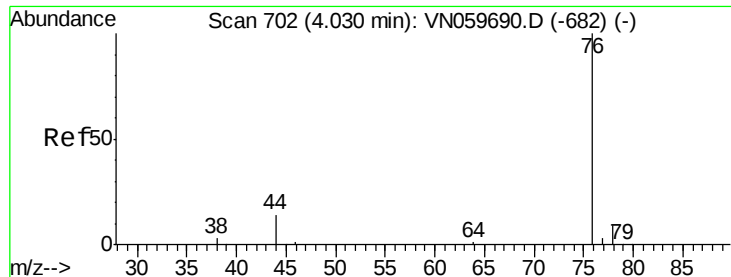
Delta R.T. -0.00 min

Lab File: VN059890.D

Acq: 28 Jan 2020 12:03

Tgt Ion:	43	Resp:	86119
Ion Ratio	Lower	Upper	
43	100		
58	31.3	23.6	35.4





#17

Carbon Disulfide

Concen: 16.766 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN059890.D

Acq: 28 Jan 2020 12:03

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.0

Instrument :

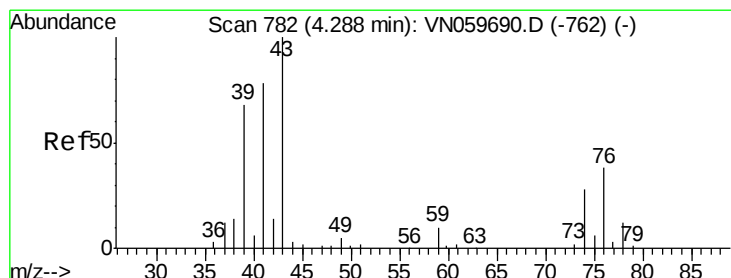
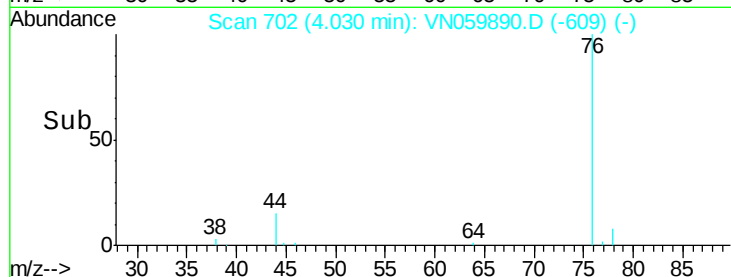
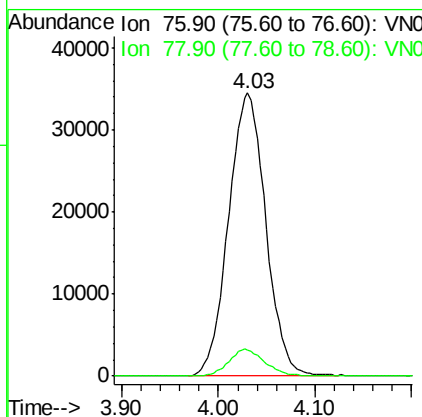
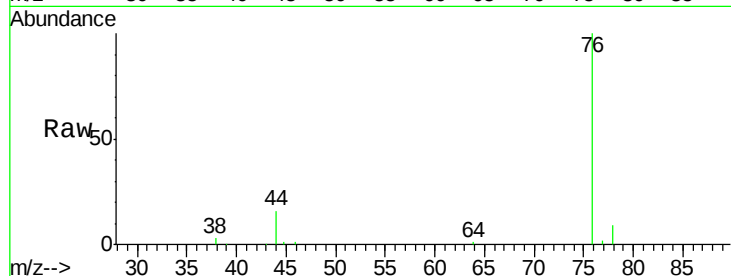
MSVOA_N

ClientSampleId :

VN0128MBS01

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#18

Methyl Acetate

Concen: 19.068 ug/l

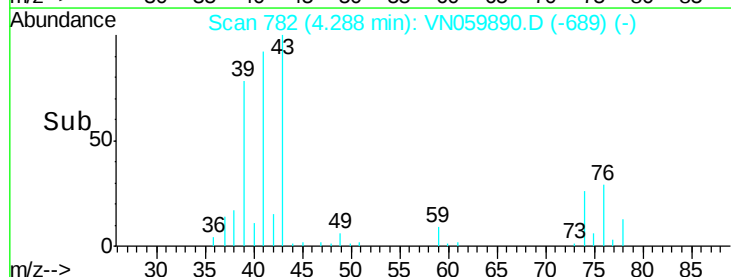
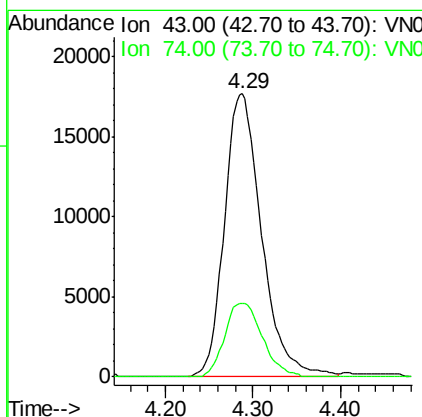
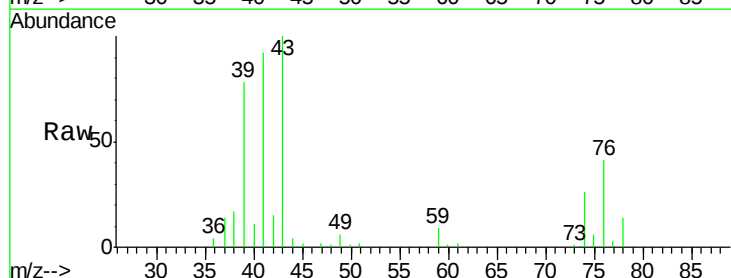
RT: 4.29 min Scan# 782

Delta R.T. 0.00 min

Lab File: VN059890.D

Acq: 28 Jan 2020 12:03

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





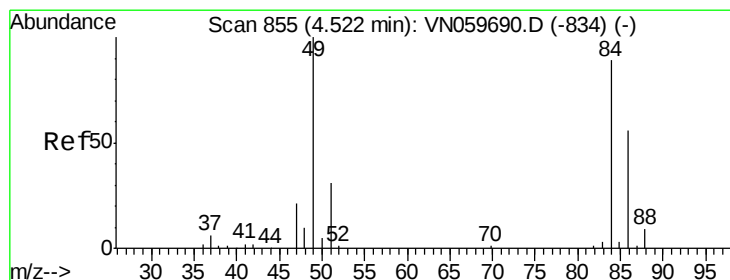
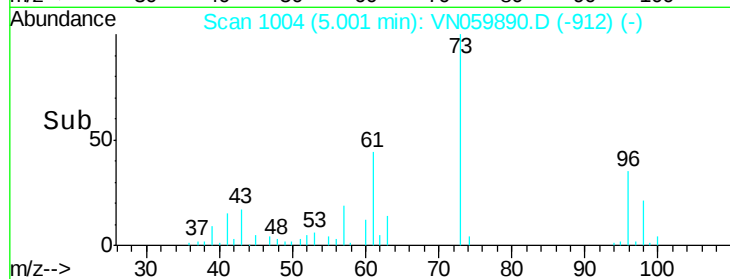
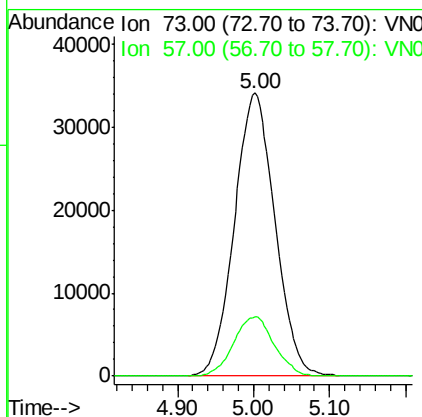
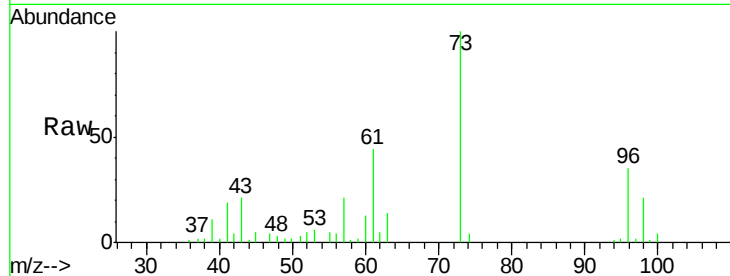
#19
Methvl tert-butvl Ether
Concen: 20.020 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0128MBS01

Tot Ion: 73 Resp: 126015
Ion Ratio Lower Upper
73 100
57 21.0 18.6 27.8

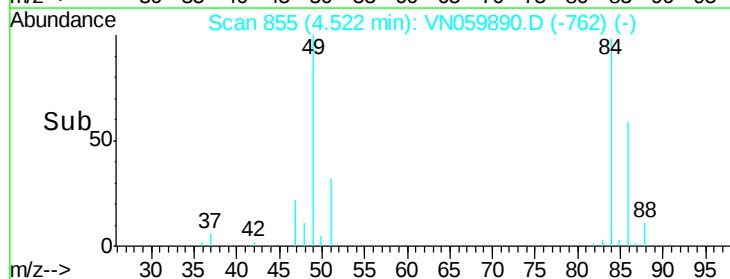
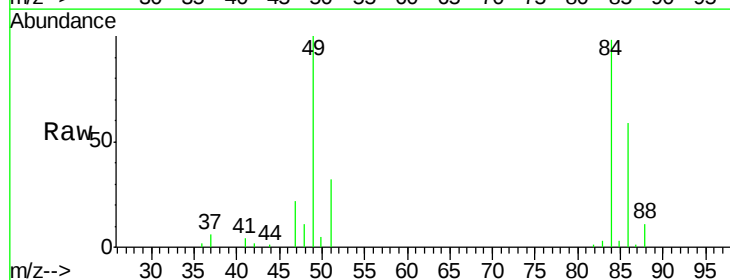
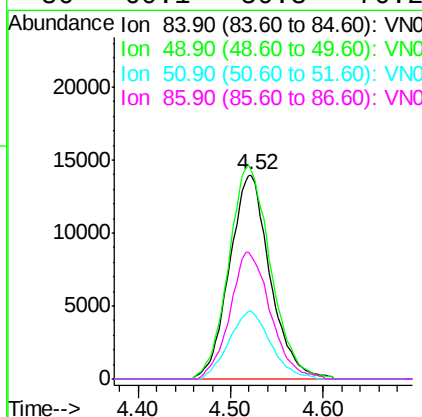
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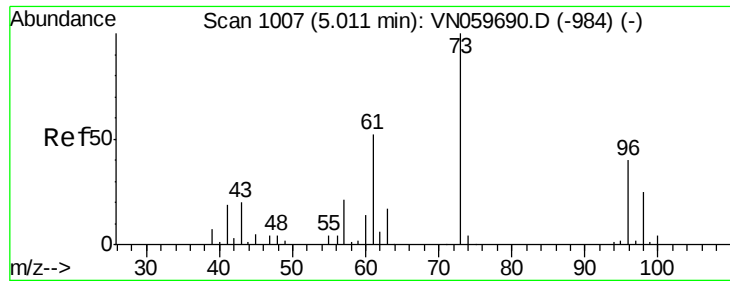
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#20
Methylene Chloride
Concen: 19.245 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Tgt Ion: 84 Resp: 42489
Ion Ratio Lower Upper
84 100
49 102.5 106.6 160.0#
51 33.3 31.9 47.9
86 60.1 50.8 76.2





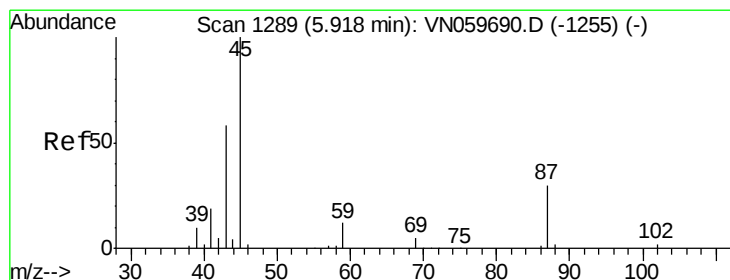
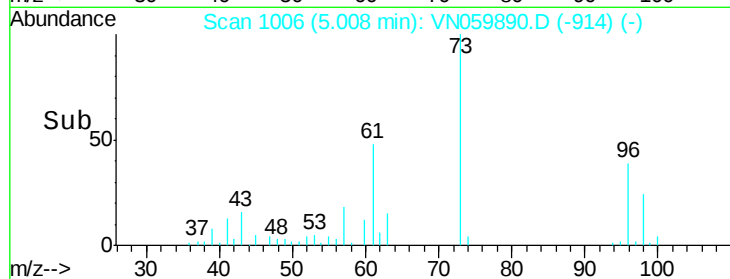
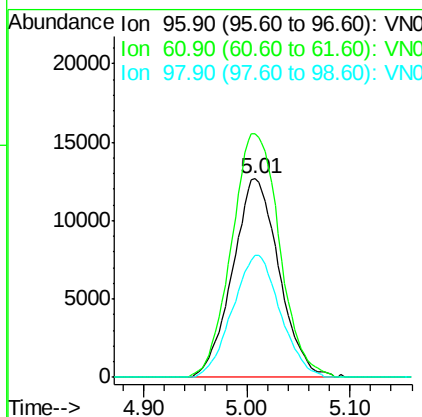
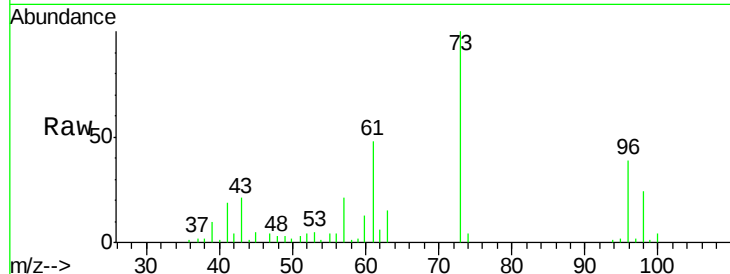
#21
trans-1,2-Dichloroethene
Concen: 19.358 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0128MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	122.4	120.4	180.6
98	61.3	50.6	75.8

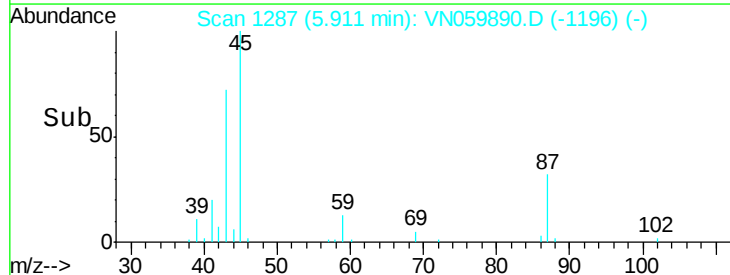
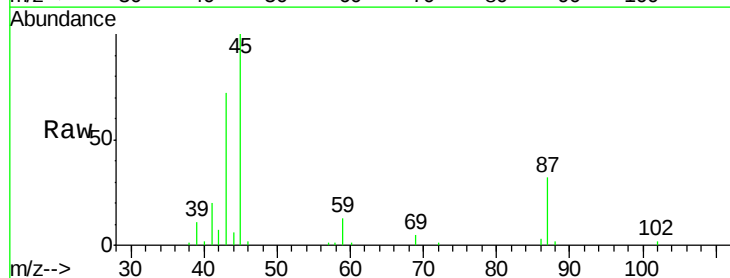
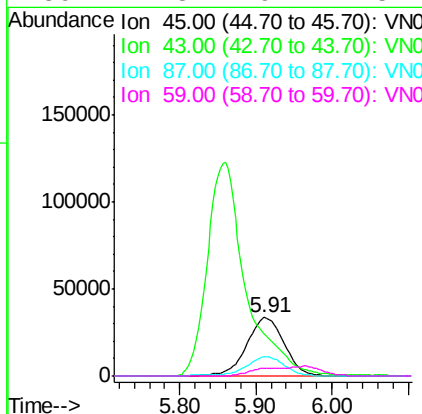
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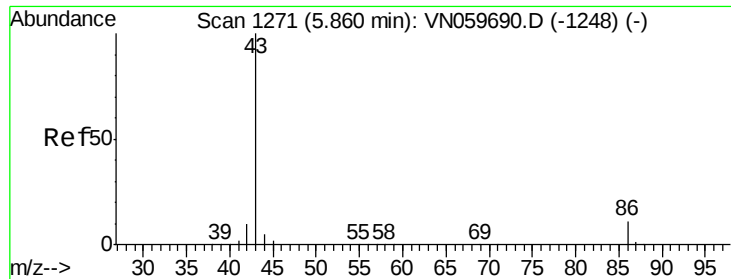
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#22
Diisopropyl ether
Concen: 19.444 ug/l
RT: 5.91 min Scan# 1287
Delta R.T. -0.01 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
45	100		
43	68.8	50.8	76.2
87	32.4	21.0	31.6
59	12.8	9.1	13.7





#23

Vinyl Acetate

Concen: 94.549 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VN059890.D

Acq: 28 Jan 2020 12:03

Instrument :

MSVOA_N

ClientSampled :

VN0128MBS01

Tot Ion: 43 Resp: 431682

Ion Ratio Lower Upper

43 100

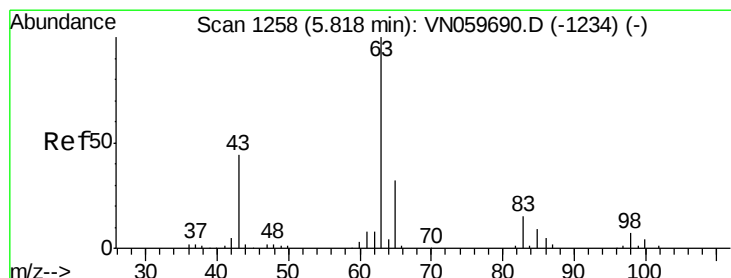
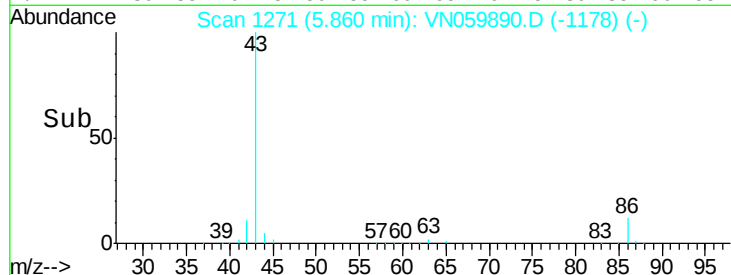
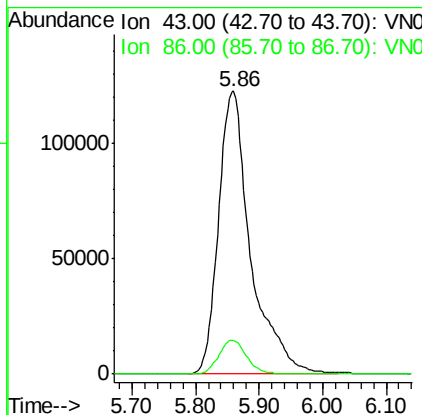
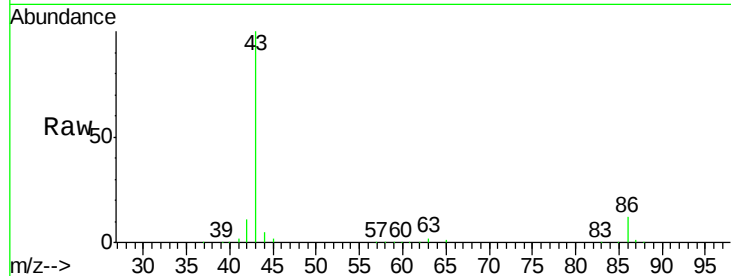
86 11.9 7.6 11.4#

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#24

1,1-Dichloroethane

Concen: 19.523 ug/l

RT: 5.81 min Scan# 1256

Delta R.T. -0.01 min

Lab File: VN059890.D

Acq: 28 Jan 2020 12:03

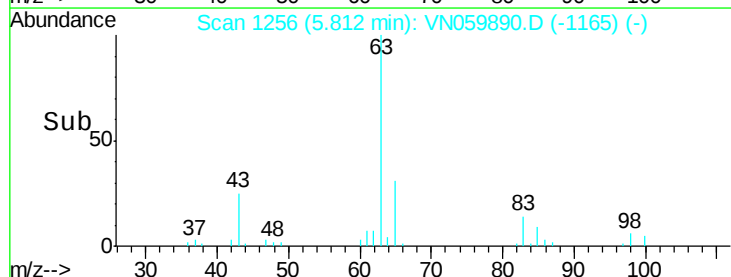
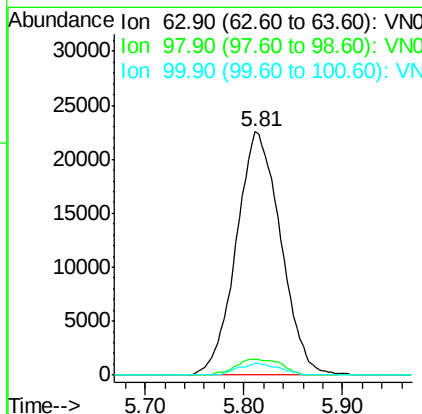
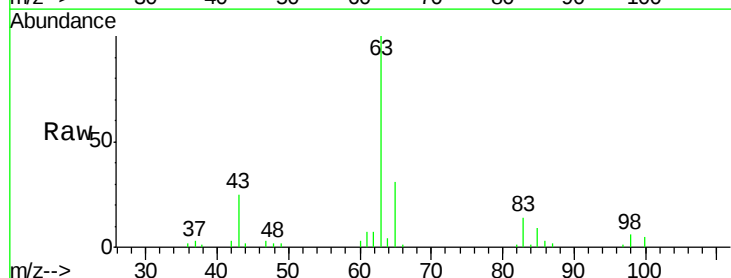
Tgt Ion: 63 Resp: 70344

Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.7

100 4.8 2.0 6.0





#25

2-Butanone

Concen: 87.326 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059890.D

Acq: 28 Jan 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0128MBS01

Tot Ion: 43 Resp: 115884

Ion Ratio Lower Upper

43 100

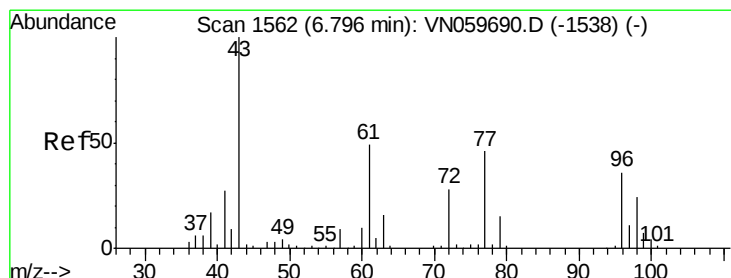
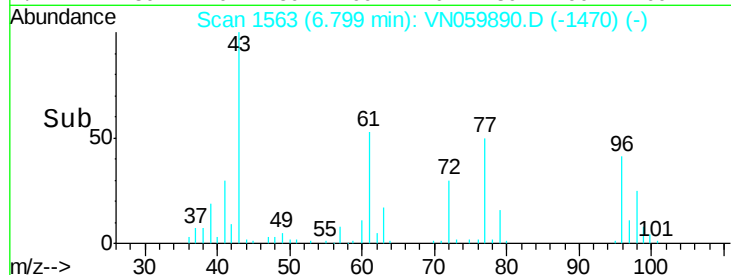
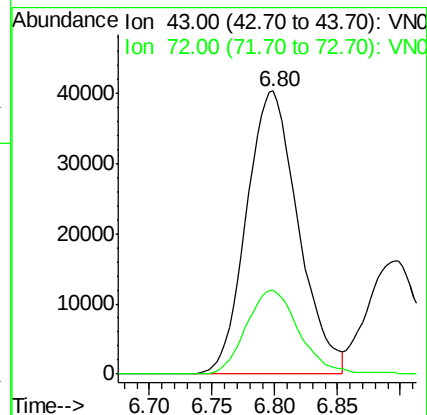
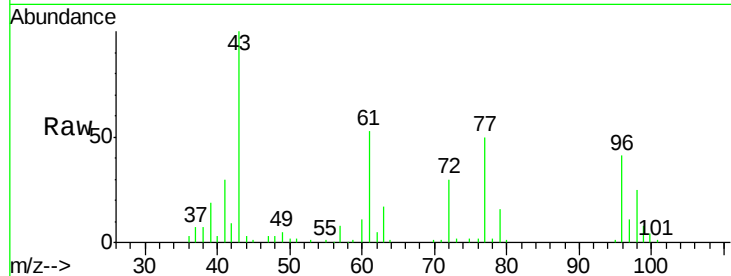
72 29.7 19.9 29.9

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 19.610 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN059890.D

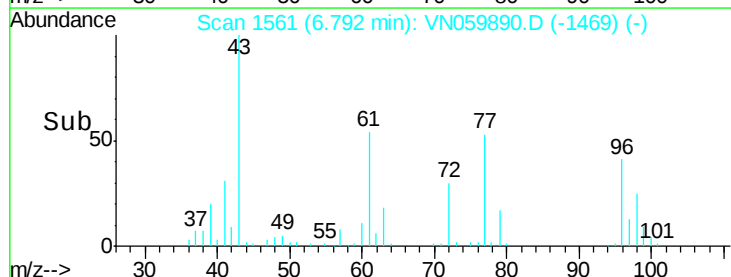
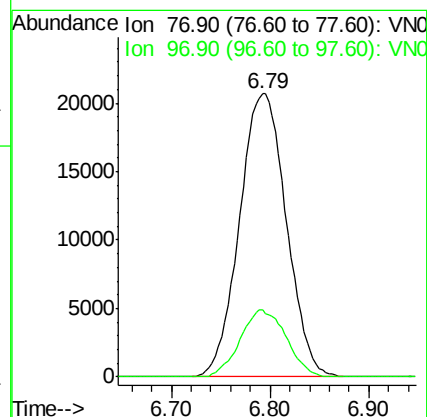
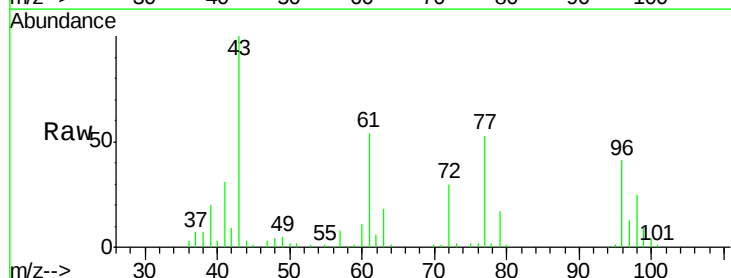
Acq: 28 Jan 2020 12:03

Tgt Ion: 77 Resp: 67928

Ion Ratio Lower Upper

77 100

97 23.3 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 19.813 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059890.D

Acq: 28 Jan 2020 12:03

Instrument :

MSVOA_N

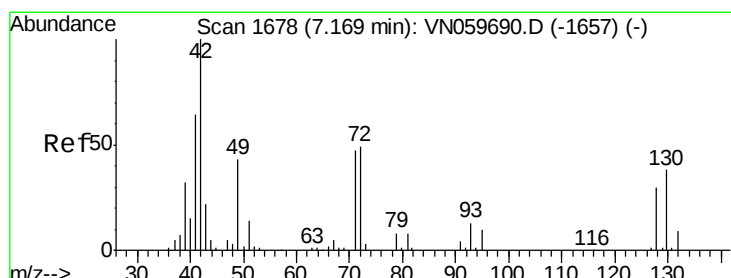
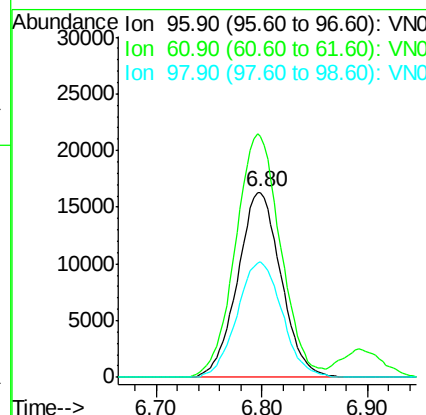
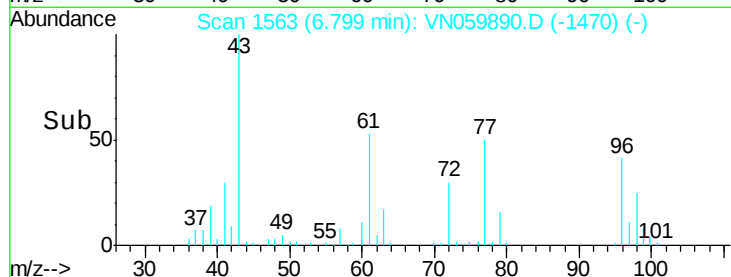
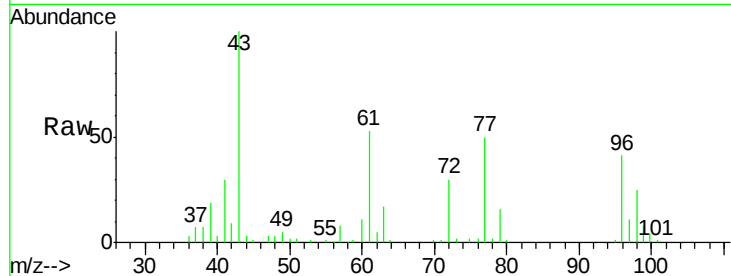
ClientSampleId :

VN0128MBS01

Tot Ion:	96	Resp:	46765
Ion	Ratio	Lower	Upper
96	100		
61	136.4	0.0	317.6
98	64.5	0.0	127.0

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#28

Bromochloromethane

Concen: 19.463 ug/l

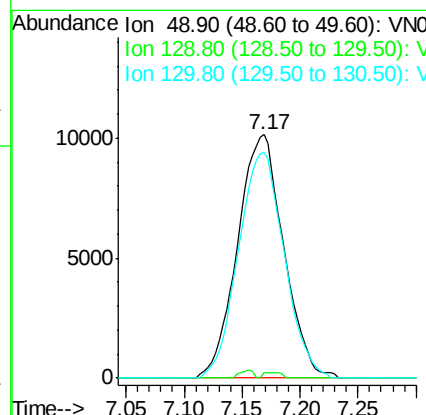
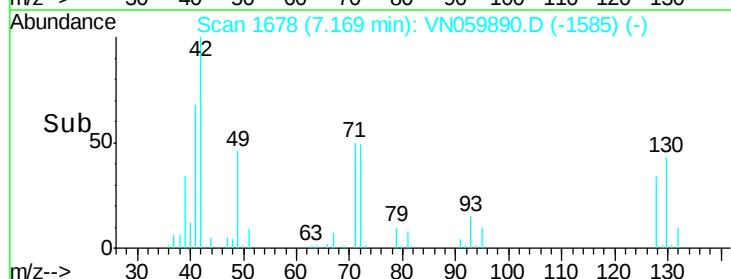
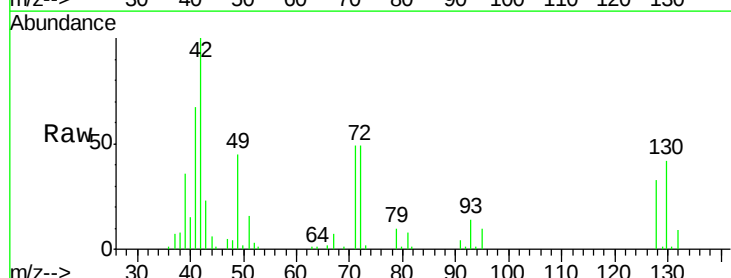
RT: 7.17 min Scan# 1678

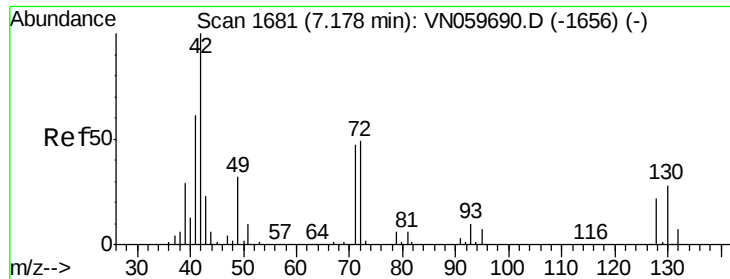
Delta R.T. 0.00 min

Lab File: VN059890.D

Acq: 28 Jan 2020 12:03

Tgt Ion:	49	Resp:	28029
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.4
130	92.4	54.7	82.1#





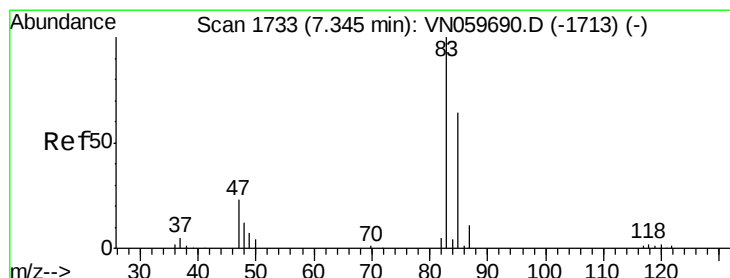
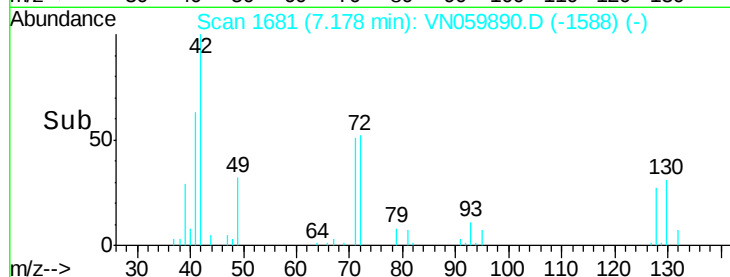
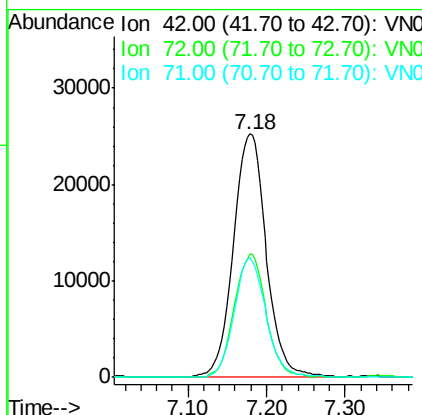
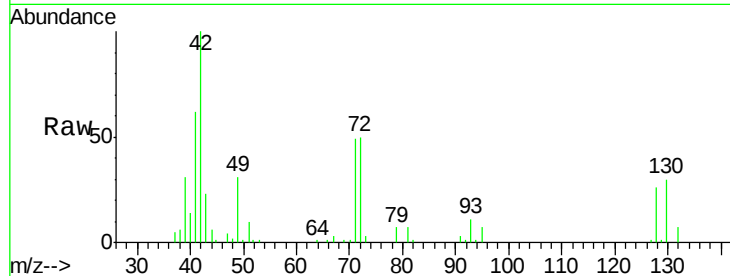
#29
Tetrahydrofuran
Concen: 89.988 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0128MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.0	33.1	49.7
71	47.4	31.4	47.0

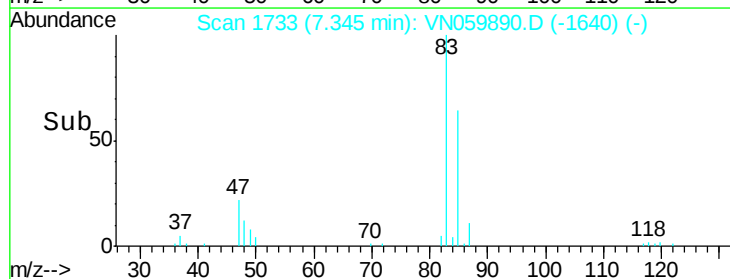
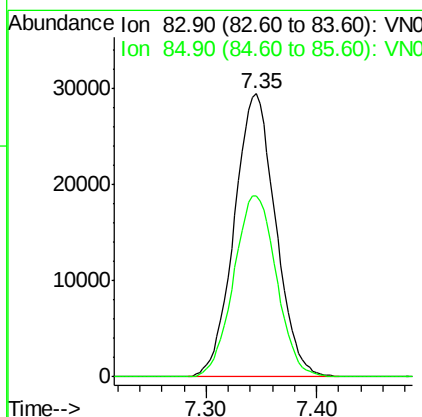
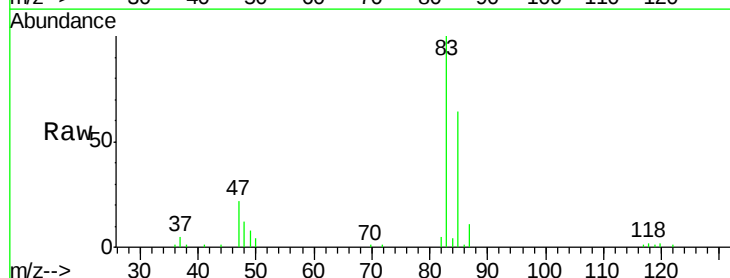
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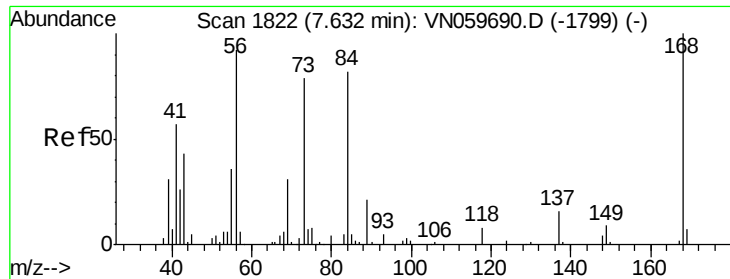
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#30
Chloroform
Concen: 20.448 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.4	78.6





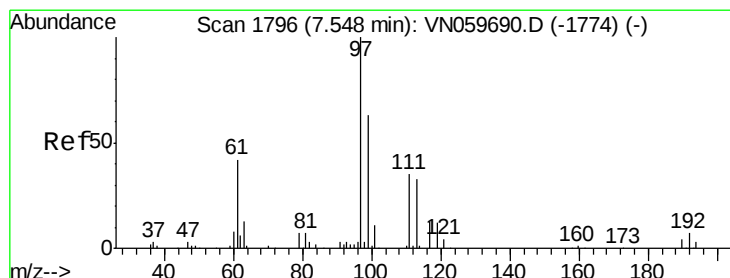
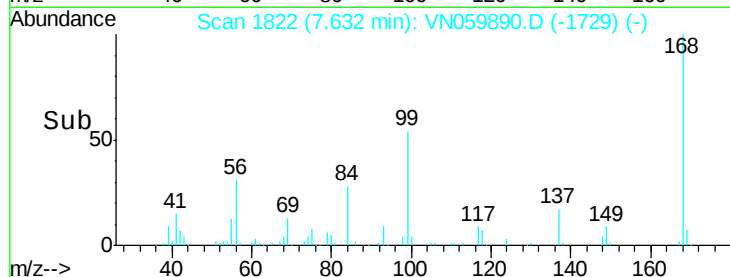
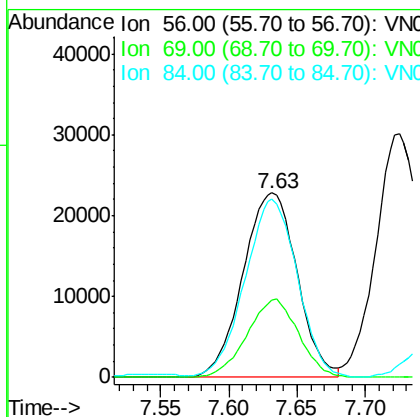
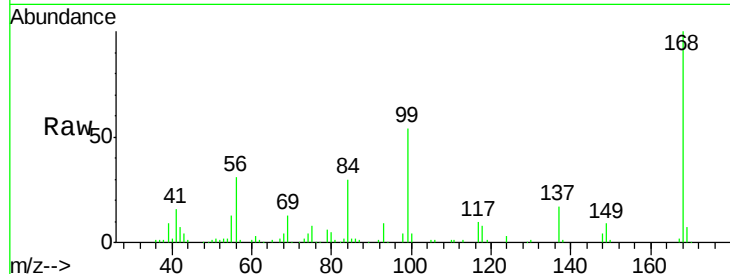
#31
Cyclohexane
Concen: 18.117 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0128MBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	42.2	26.5	39.7#
84	95.5	65.3	97.9

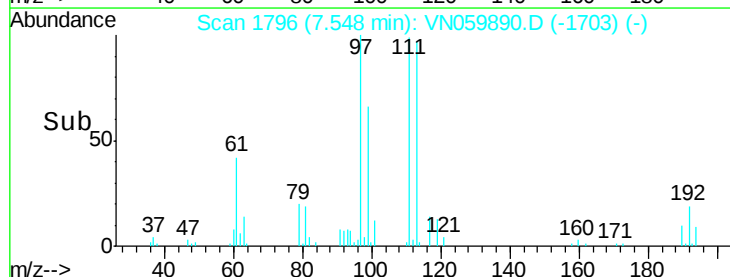
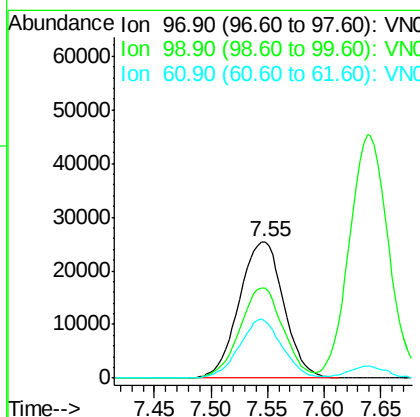
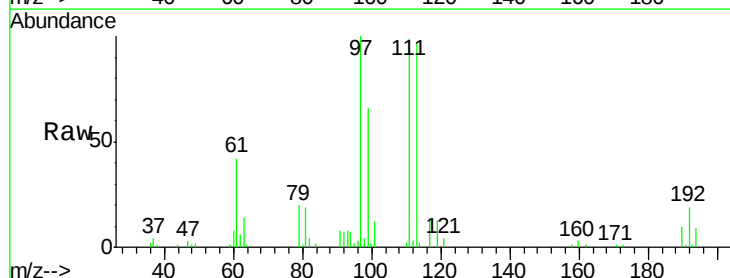
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#32
1,1,1-Trichloroethane
Concen: 20.168 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.0	76.4
61	41.2	38.5	57.7





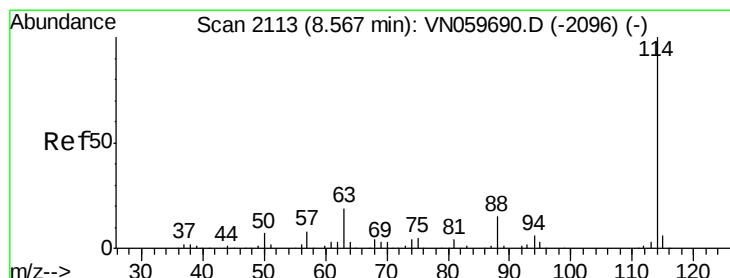
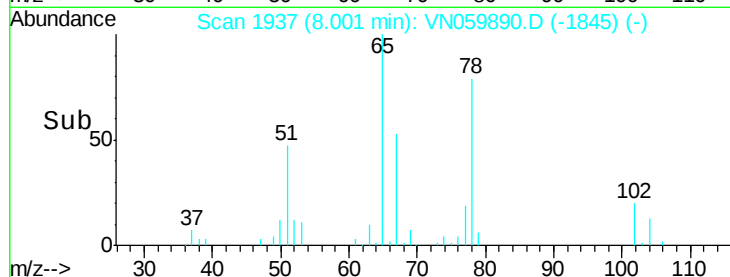
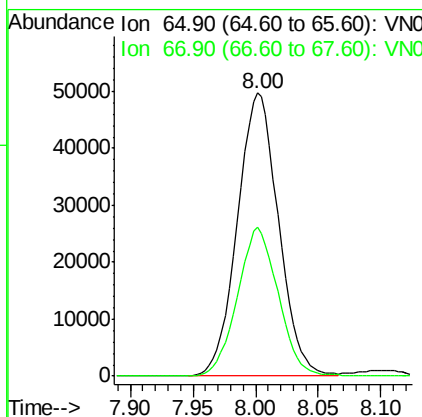
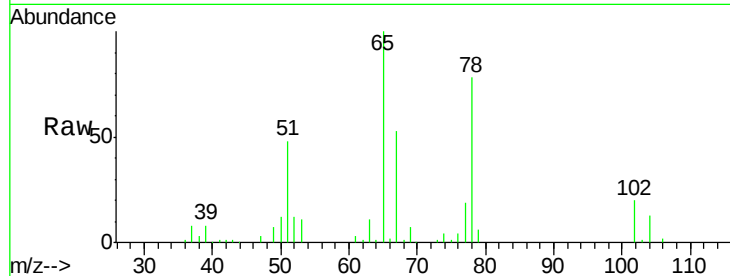
#33
 1,2-Dichloroethane-d4
 Concen: 48.433 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059890.D
 Acq: 28 Jan 2020 12:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128MBS01

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

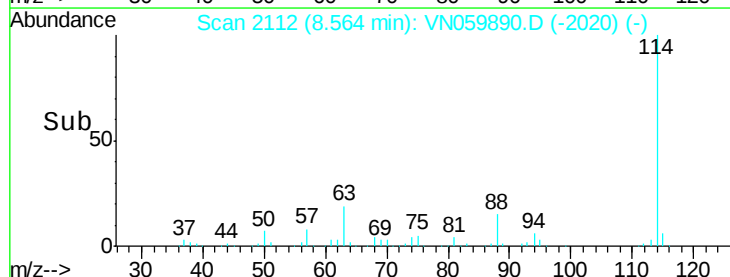
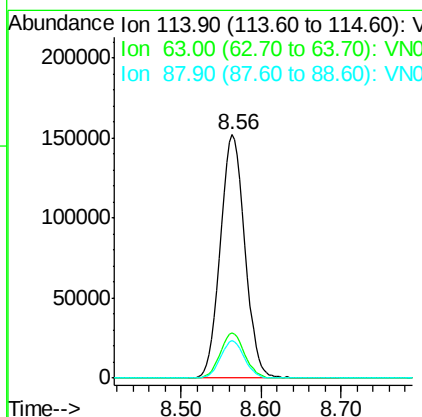
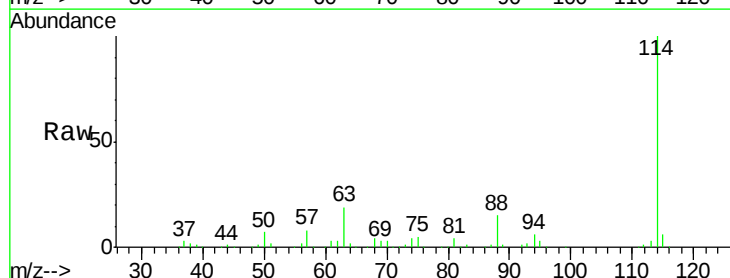
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059890.D
 Acq: 28 Jan 2020 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.5	0.0	43.6	
88	15.4	0.0	31.4	





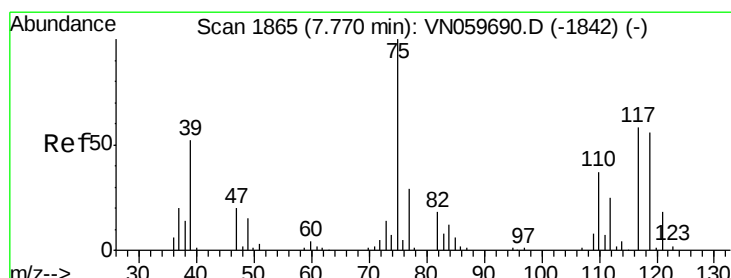
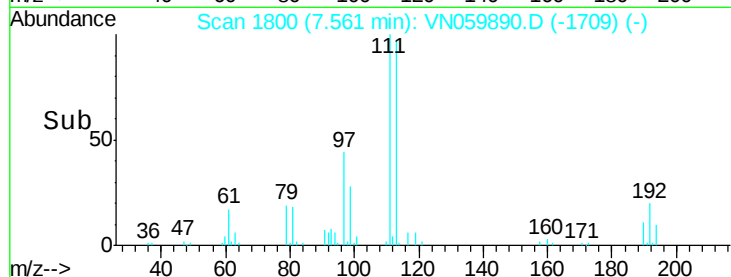
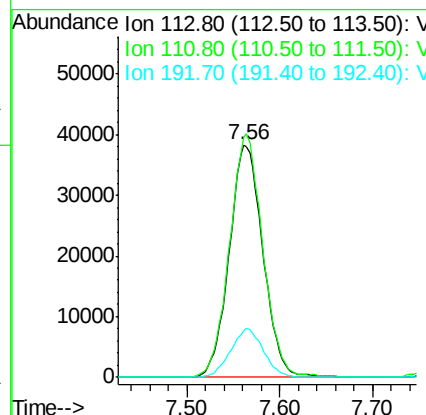
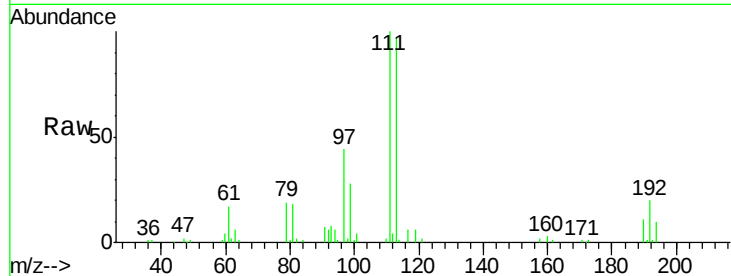
#35
 Dibromofluoromethane
 Concen: 50.380 ug/l
 RT: 7.56 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: VN059890.D
 Acq: 28 Jan 2020 12:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128MBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	96585		
111	102.6	83.5	125.3	
192	20.4	15.4	23.2	

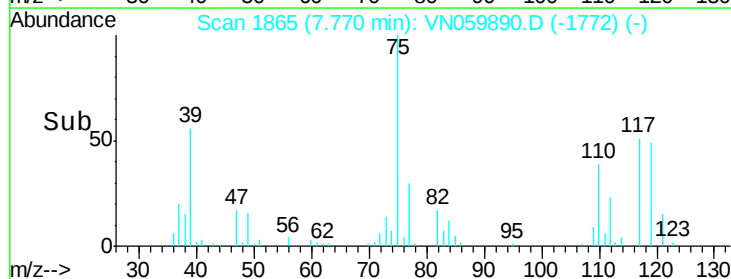
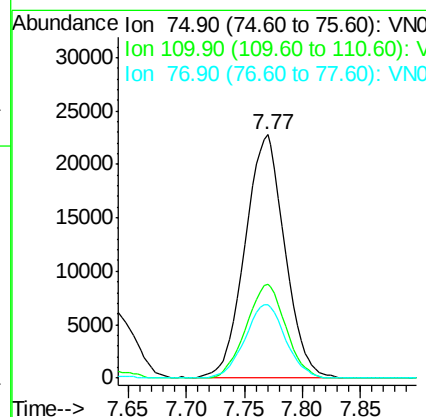
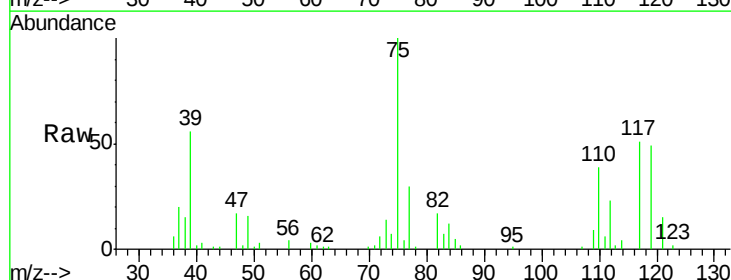
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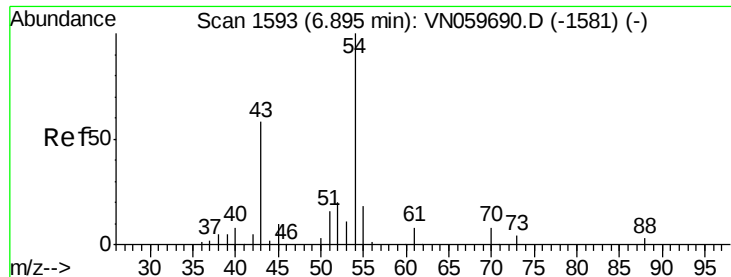
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#36
 1,1-Dichloropropene
 Concen: 19.409 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059890.D
 Acq: 28 Jan 2020 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	54338		
110	38.1	16.6	49.7	
77	30.8	25.1	37.7	





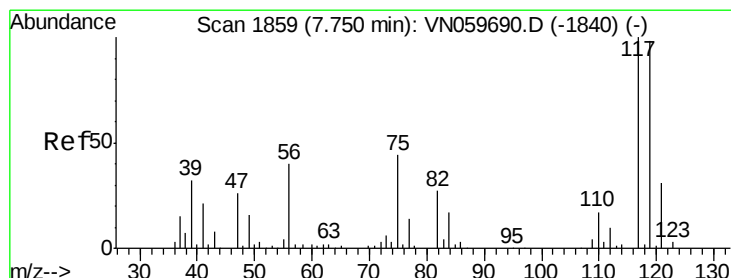
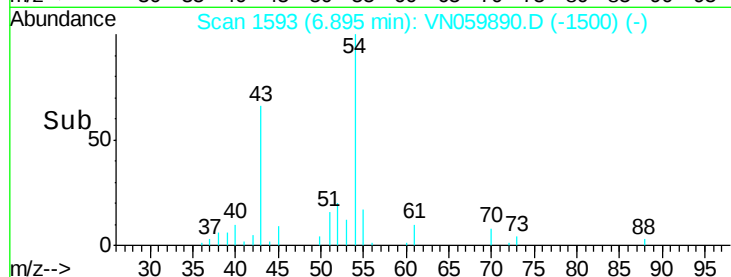
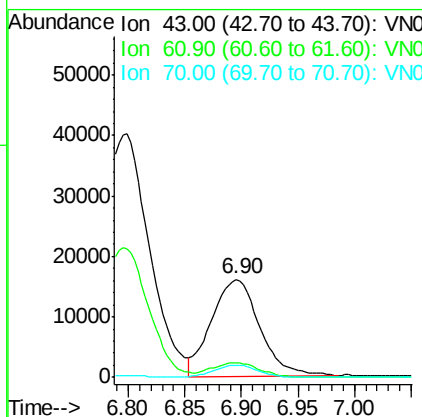
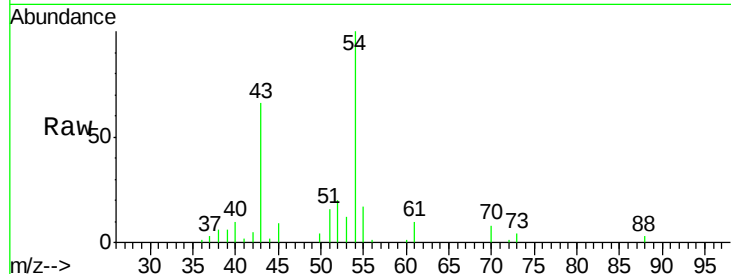
#37
Ethyl Acetate
Concen: 17.958 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampled :
VN0128MBS01

Tot Ion	43	61	70
Resp	47154		
Ratio	100	14.8	11.2
Lower		10.9	7.7
Upper		16.3	11.5

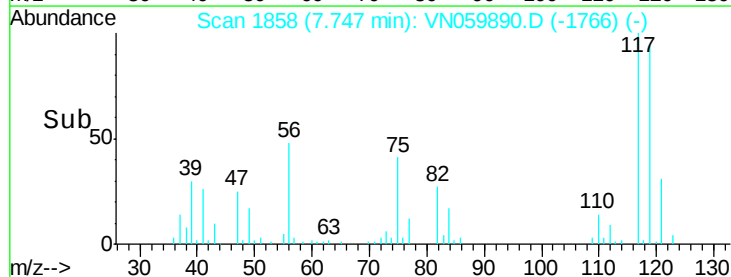
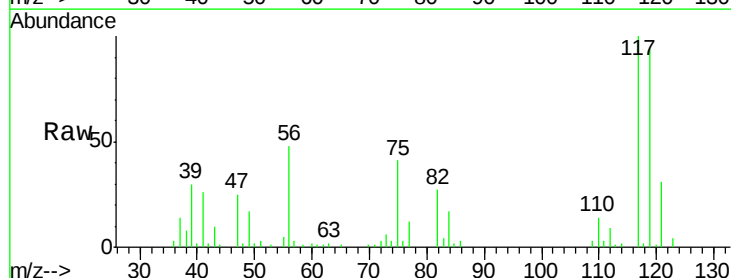
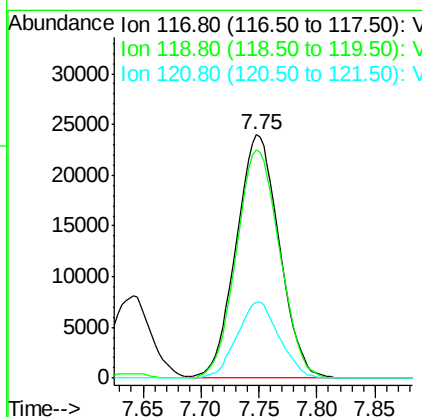
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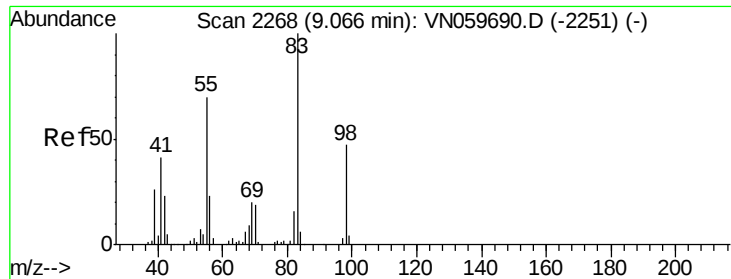
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#38
Carbon Tetrachloride
Concen: 20.397 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Tgt Ion	117	119	121
Resp	62117		
Ratio	100	94.0	31.1
Lower		76.5	25.1
Upper		114.7	37.7





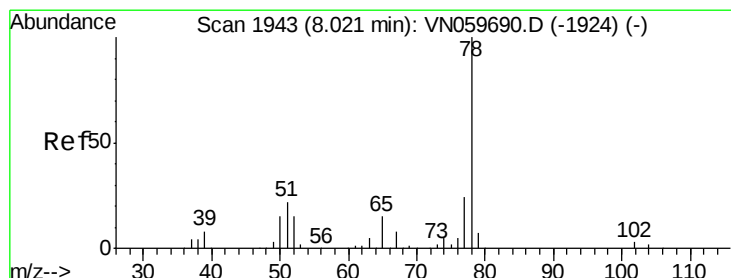
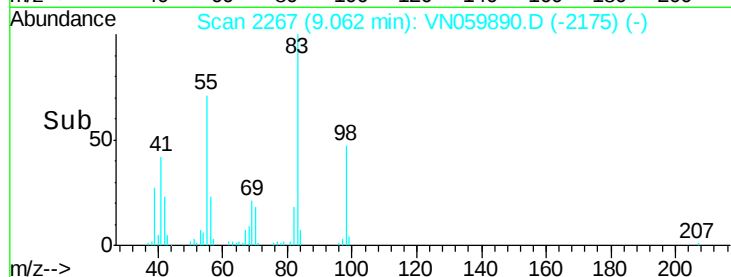
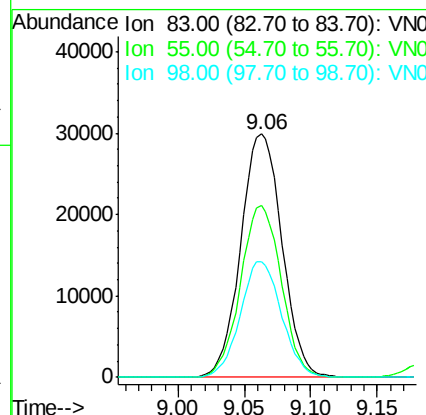
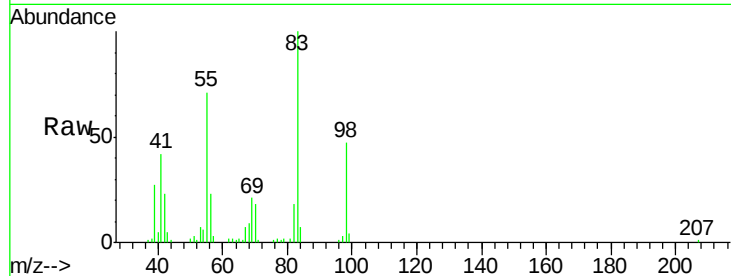
#39
Methvlcvclohexane
Concen: 18.746 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0128MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.6	64.2	96.2
98	47.4	35.9	53.9

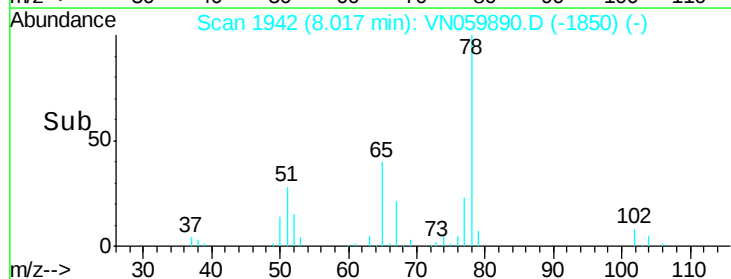
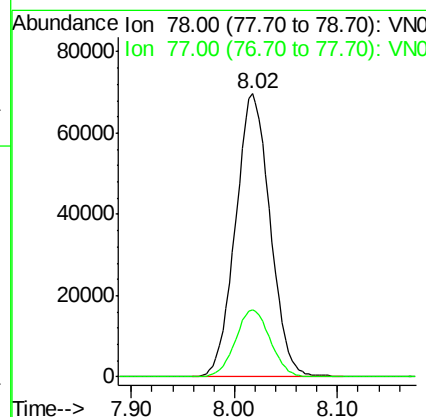
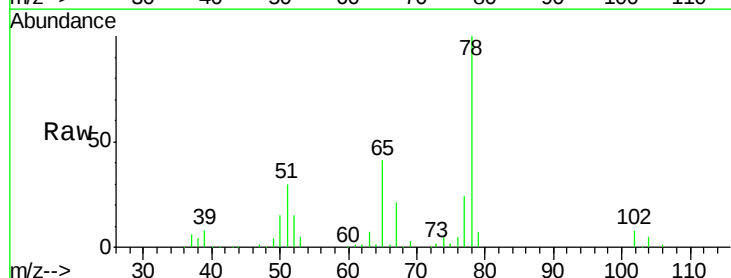
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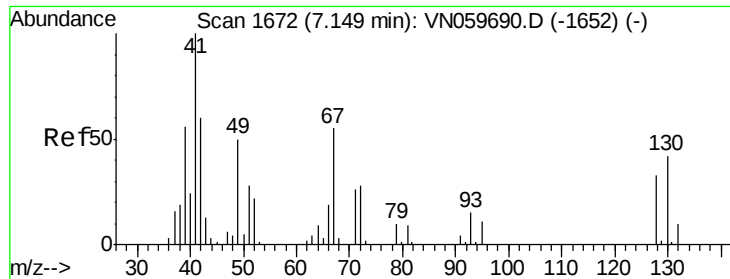
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#40
Benzene
Concen: 19.504 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3





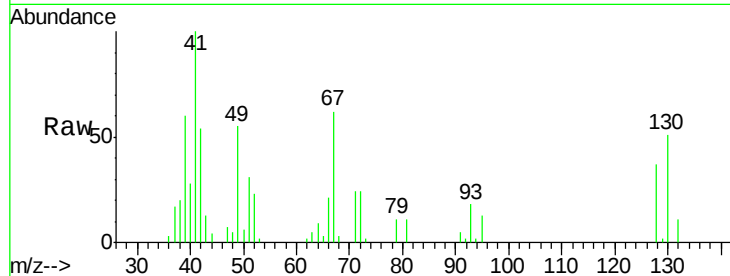
#41
Methacrylonitrile
Concen: 15.445 ug/l m
RT: 7.15 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0128MBS01

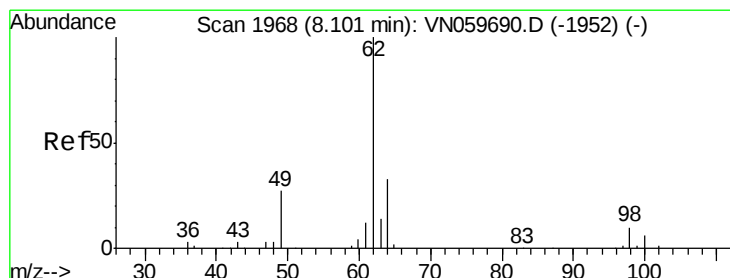
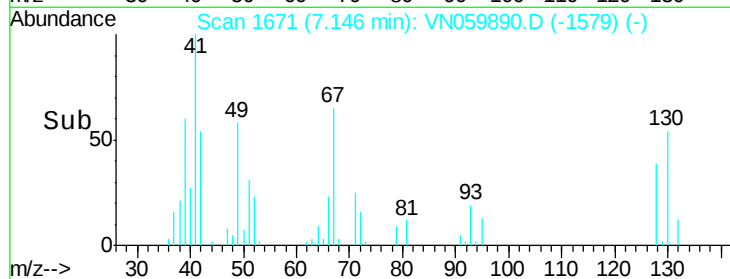
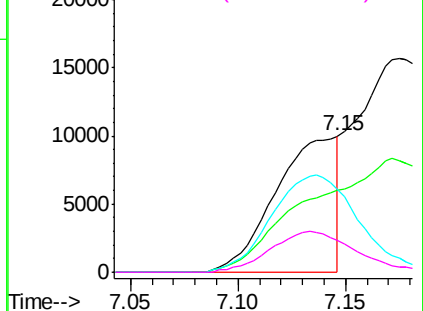
Tot Ion	Ratio	Lower	Upper
41	100		
39	187.7	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

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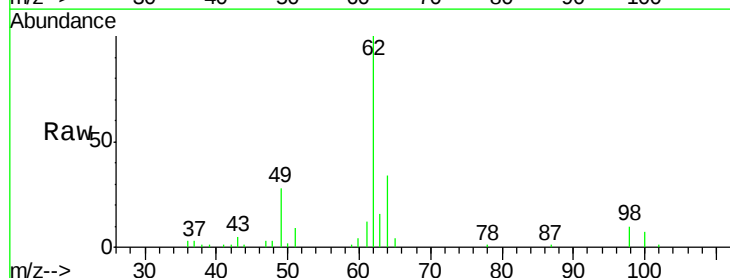


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

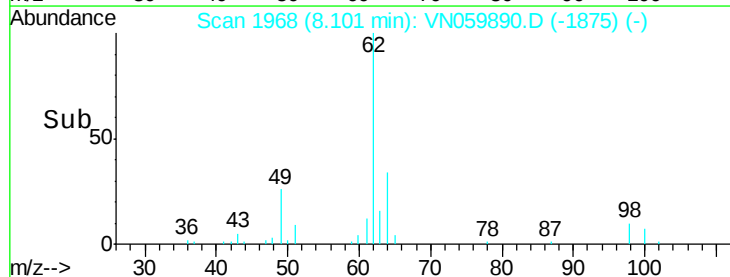
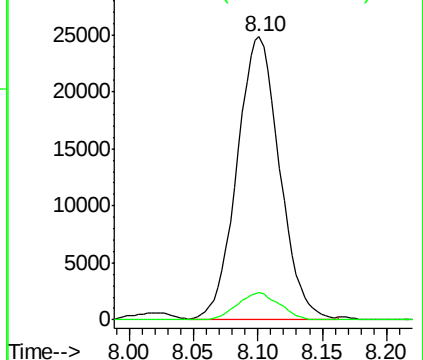


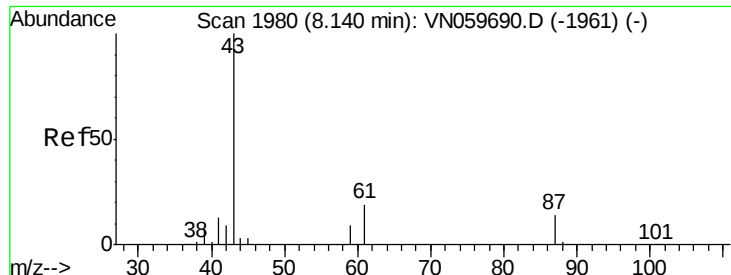
#42
1,2-Dichloroethane
Concen: 20.231 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	15.8



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





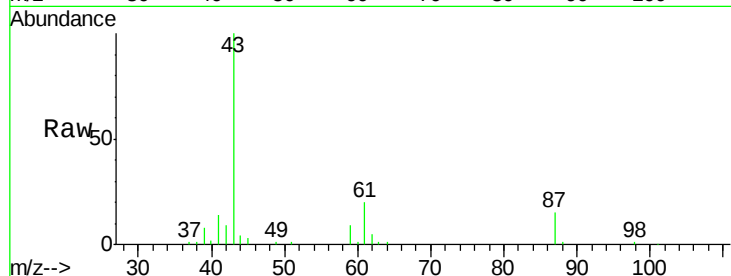
#43
Isopropyl Acetate
Concen: 18.427 ug/l
RT: 8.14 min Scan# 1979
Delta R.T. -0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0128MBS01

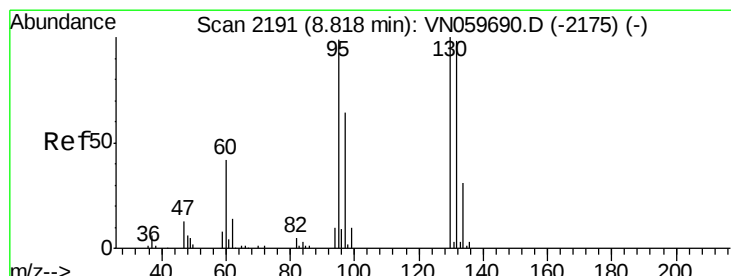
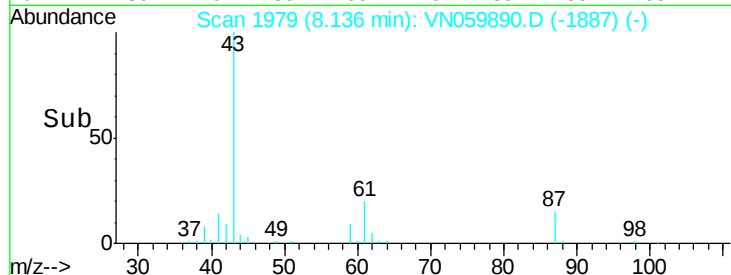
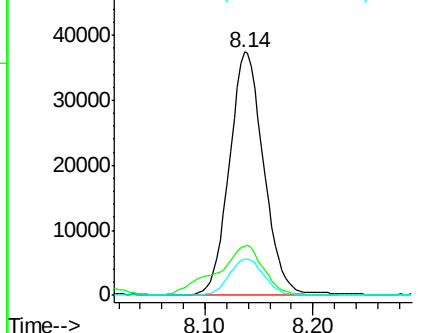
Tot Ion	Ratio	Lower	Upper
43	100		
61	27.7	20.2	30.2
87	14.9	9.5	14.3

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1/29/2020 11:04:10 AM

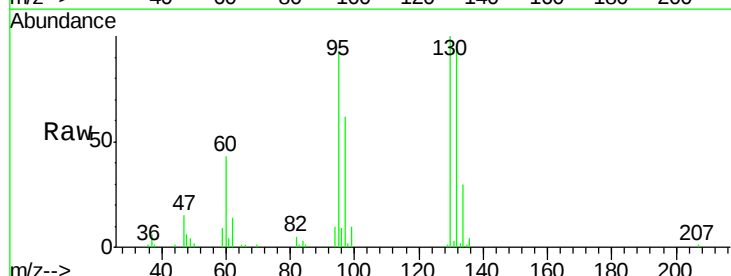


Abundance Ion 43.00 (42.70 to 43.70): VN059890.D (-1961) (-)

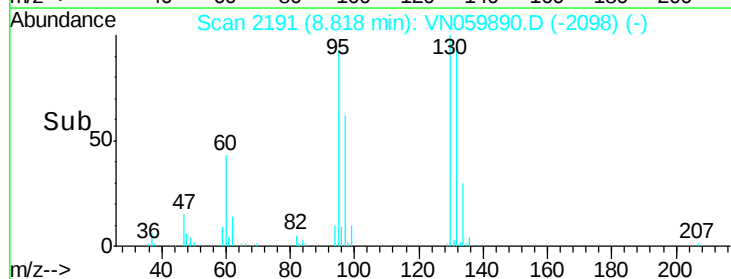
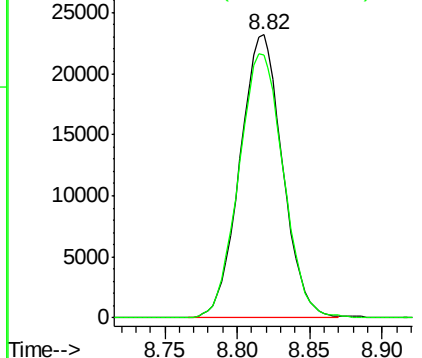


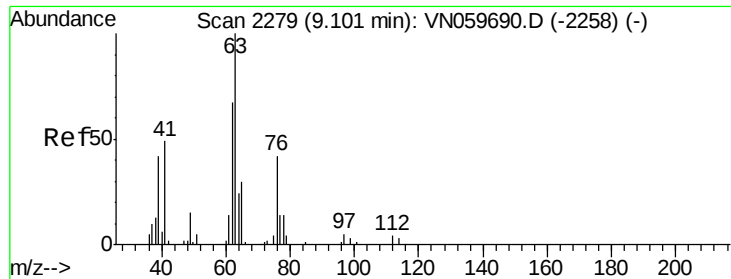
#44
Trichloroethene
Concen: 20.780 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. 0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059890.D (-2191) (-)





#45

1,2-Dichloropropane

Concen: 20.318 ug/l

RT: 9.10 min Scan# 2278

Delta R.T. -0.00 min

Lab File: VN059890.D

Acq: 28 Jan 2020 12:03

Instrument :

MSVOA_N

ClientSampled :

VN0128MBS01

Tot Ion: 63 Resp: 41979

Ion Ratio Lower Upper

63 100

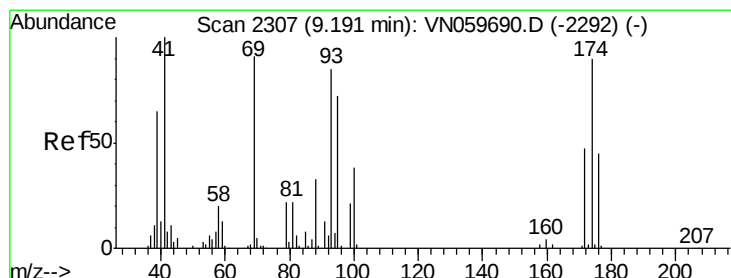
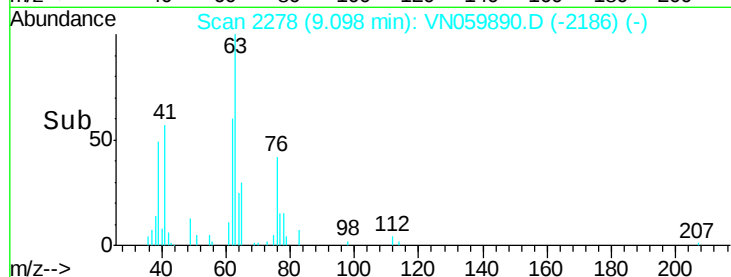
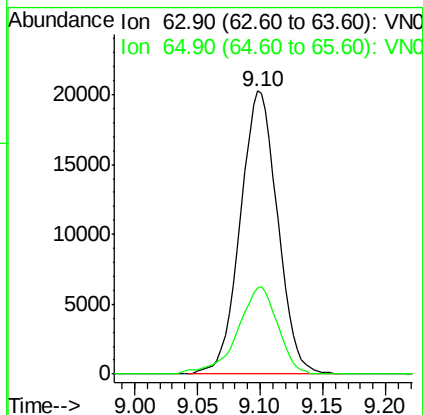
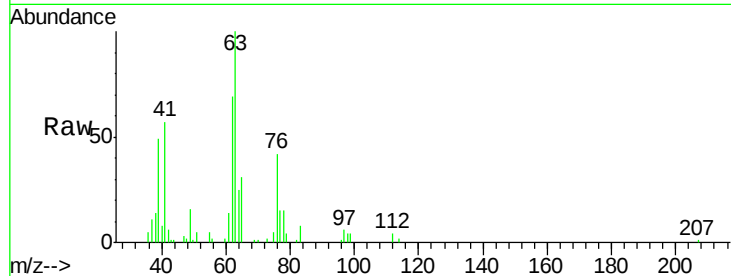
65 30.6 24.9 37.3

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#46

Dibromomethane

Concen: 20.232 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VN059890.D

Acq: 28 Jan 2020 12:03

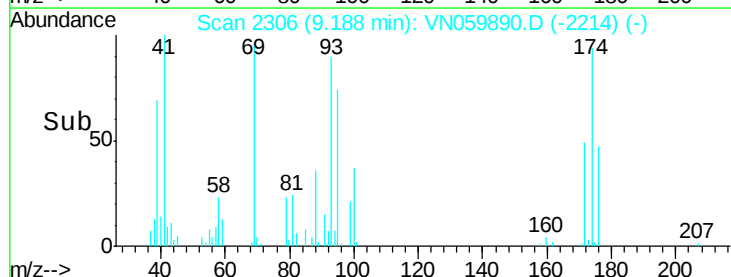
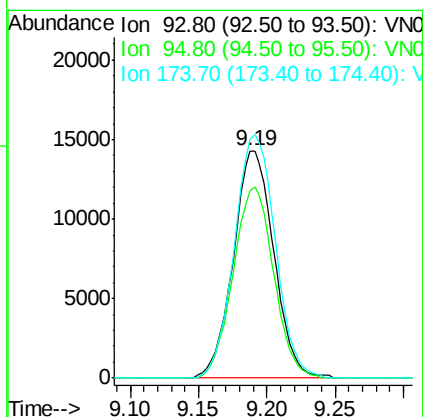
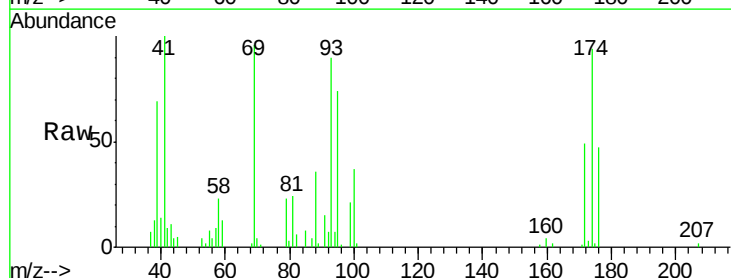
Tgt Ion: 93 Resp: 29486

Ion Ratio Lower Upper

93 100

95 84.0 67.0 100.6

174 108.2 73.4 110.2





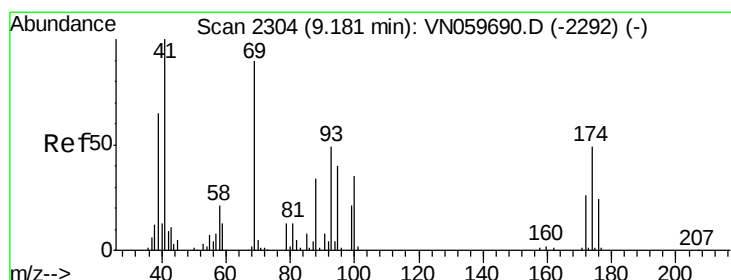
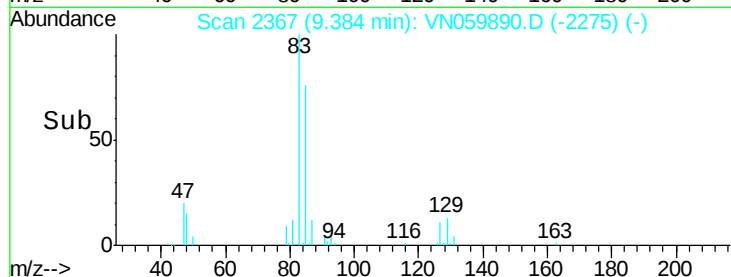
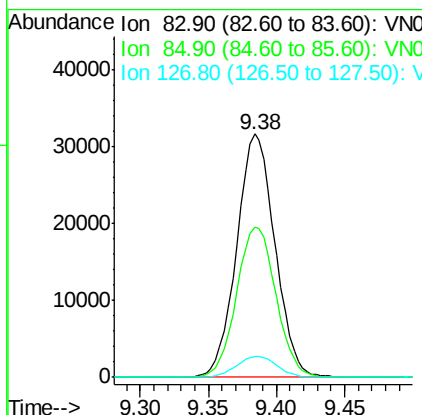
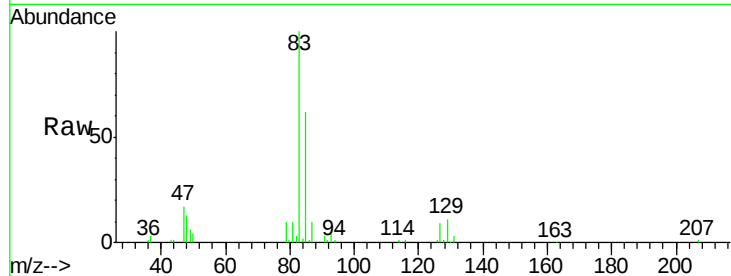
#47
Bromodichloromethane
Concen: 20.933 ug/l
RT: 9.38 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0128MBS01

Tot Ion	83	Resp	61479
Ion Ratio	100		
85	61.6	51.1	76.7
127	8.7	6.6	9.8

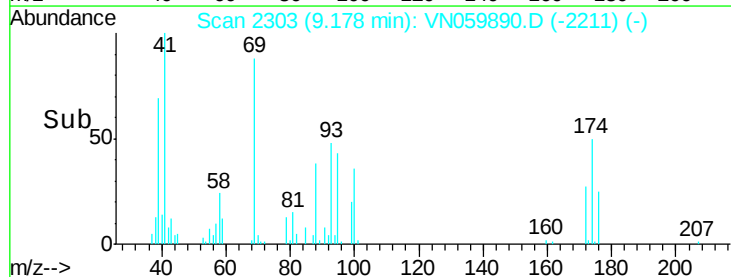
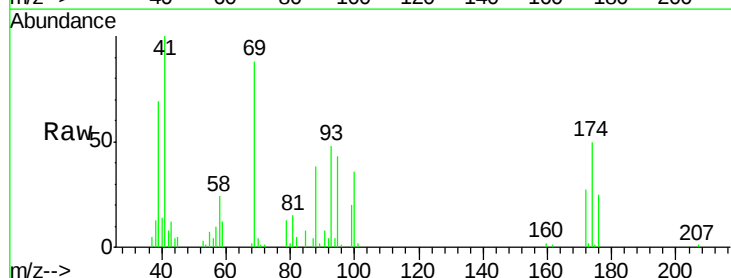
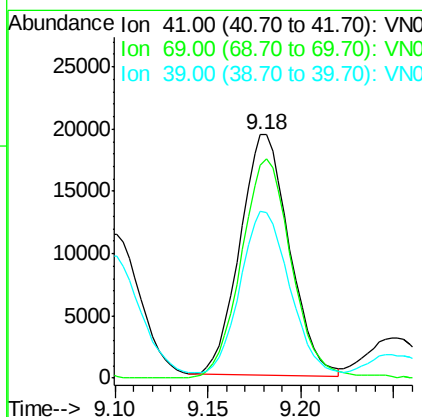
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#48
Methyl methacrylate
Concen: 17.836 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Tgt Ion	41	Resp	36031
Ion Ratio	100		
69	93.0	64.4	96.6
39	71.1	51.3	76.9





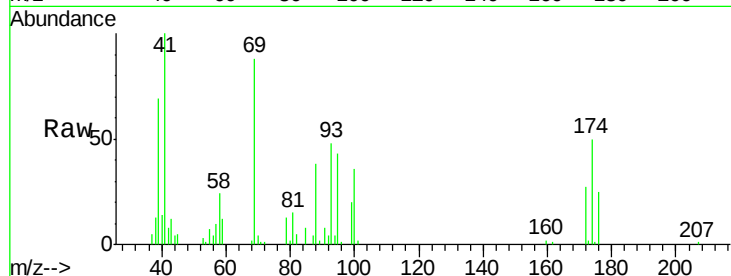
#49
1,4-Dioxane
Concen: 407.142 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0128MBS01

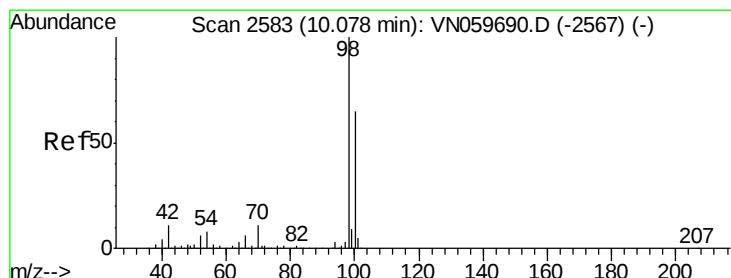
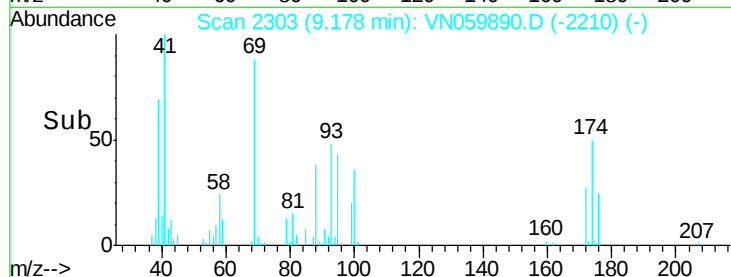
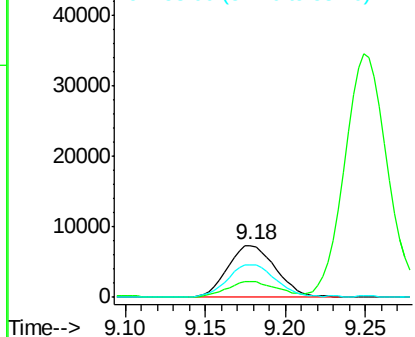
Tot Ion	Ratio	Lower	Upper
88	100		
43	32.2	29.7	44.5
58	63.5	56.6	85.0

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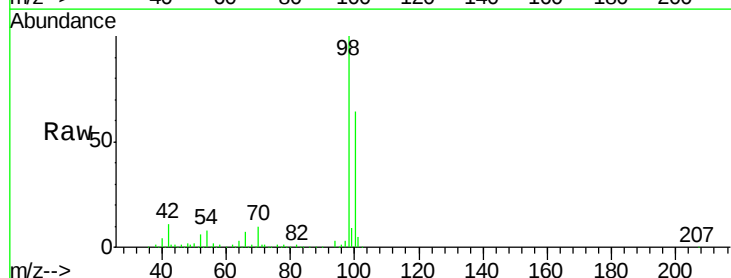


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

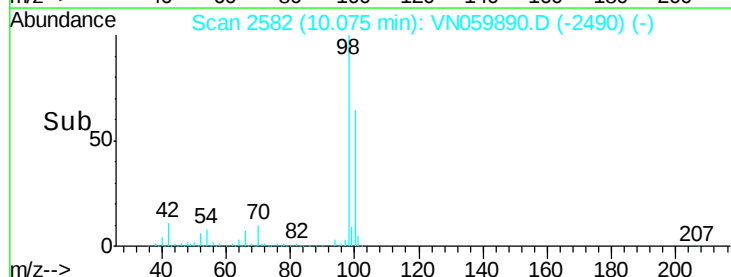
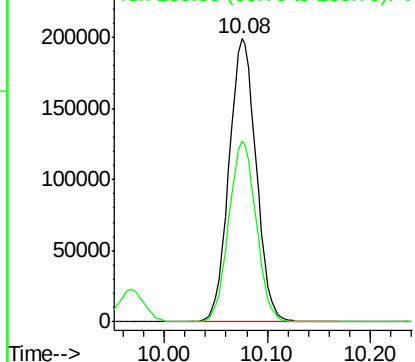


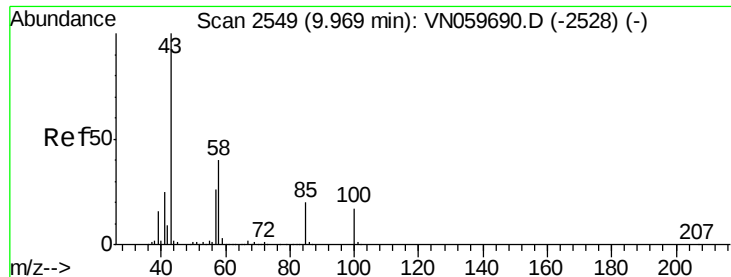
#50
Toluene-d8
Concen: 49.036 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.2	76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 90.885 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN059890.D

Acq: 28 Jan 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0128MBS01

Tot Ion: 43 Resp: 237281

Ion Ratio Lower Upper

43 100

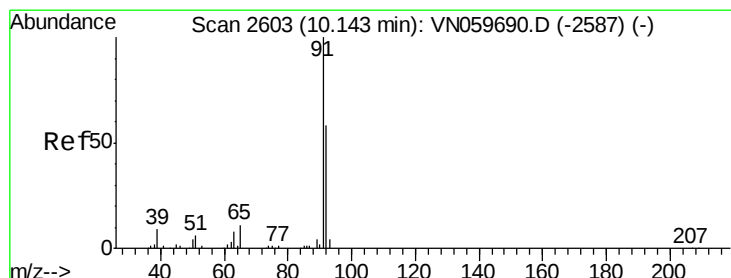
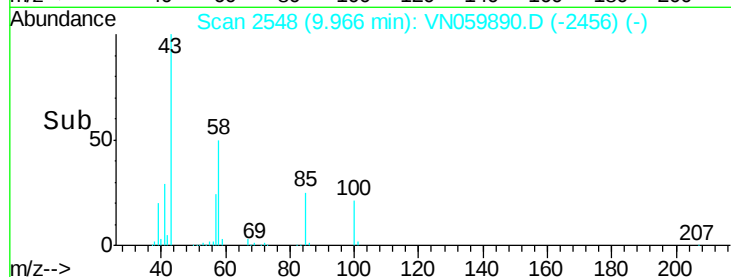
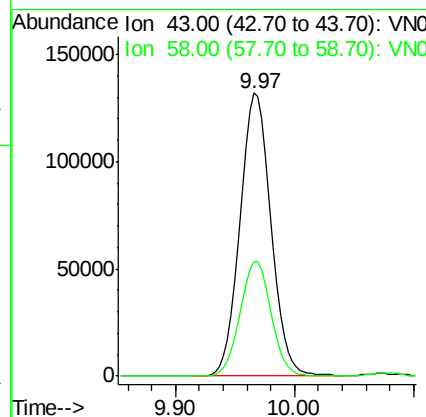
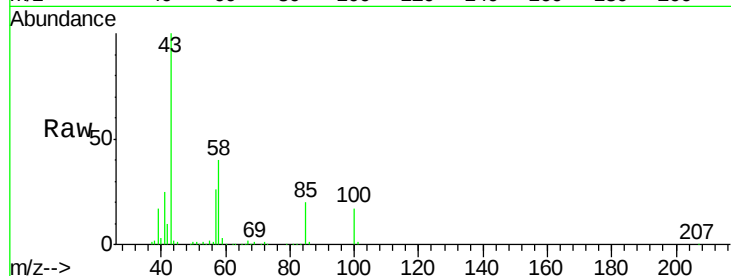
58 40.8 29.8 44.8

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#52

Toluene

Concen: 20.029 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN059890.D

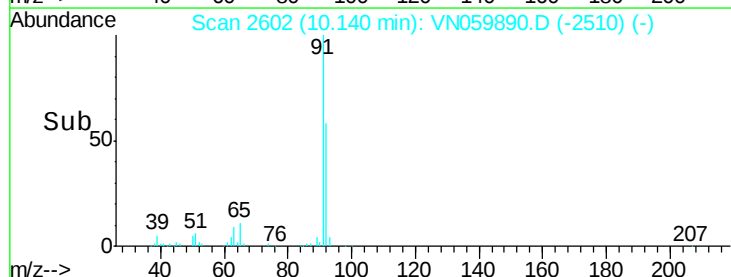
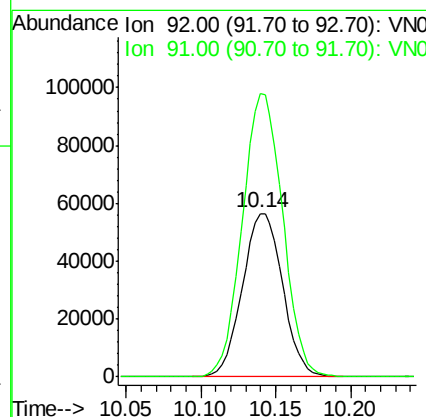
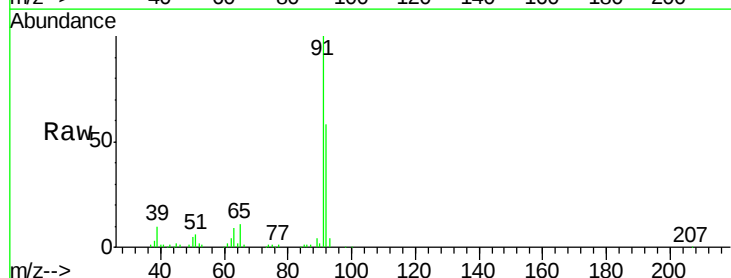
Acq: 28 Jan 2020 12:03

Tgt Ion: 92 Resp: 105627

Ion Ratio Lower Upper

92 100

91 174.2 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 20.041 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN059890.D

Acq: 28 Jan 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0128MBS01

Tot Ion: 75 Resp: 65721

Ion Ratio Lower Upper

75 100

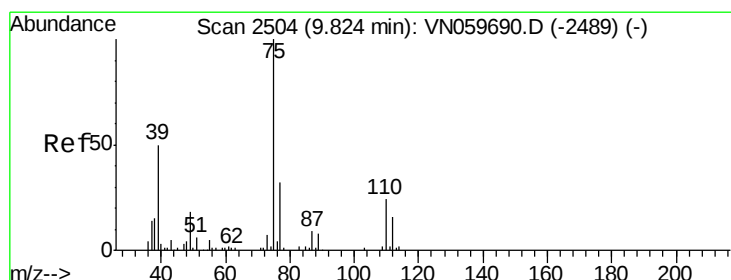
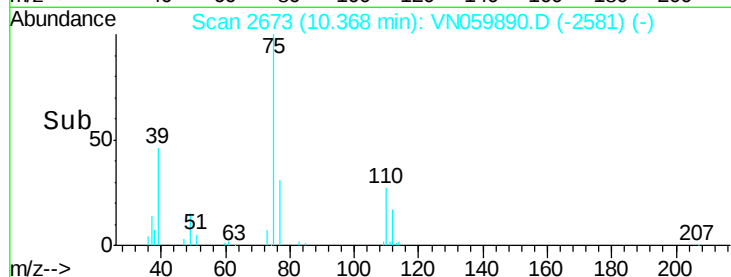
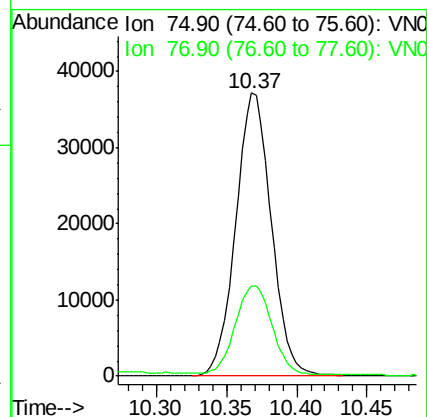
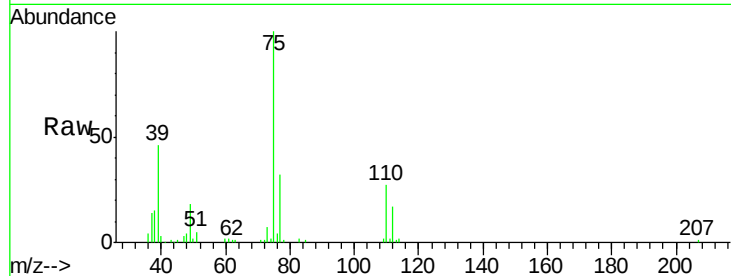
77 31.2 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 20.268 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059890.D

Acq: 28 Jan 2020 12:03

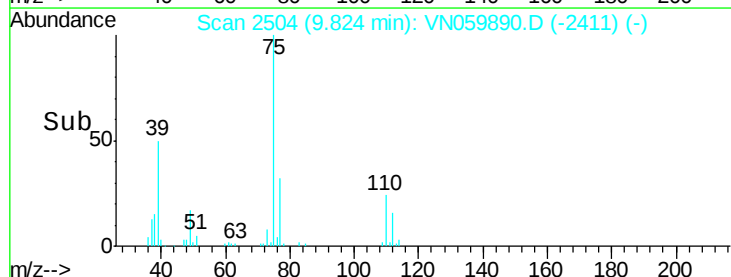
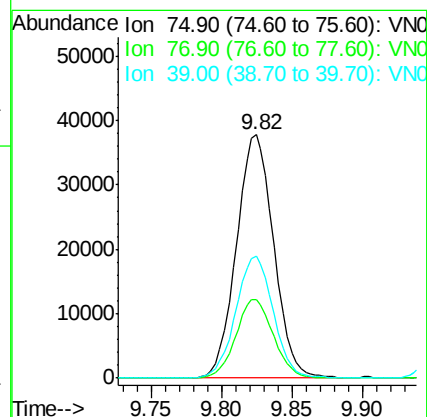
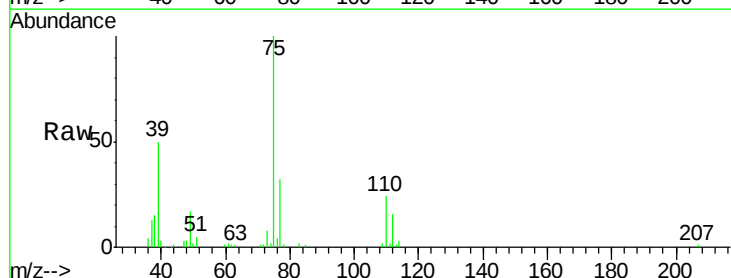
Tgt Ion: 75 Resp: 69935

Ion Ratio Lower Upper

75 100

77 32.1 25.1 37.7

39 49.9 46.1 69.1





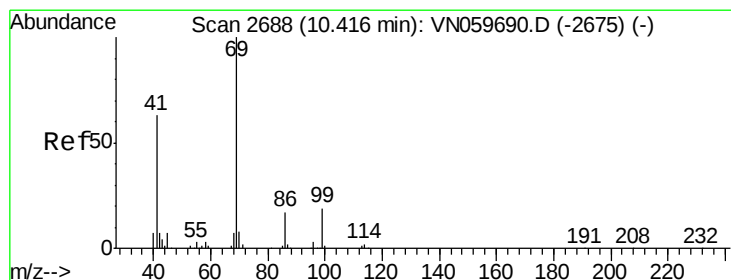
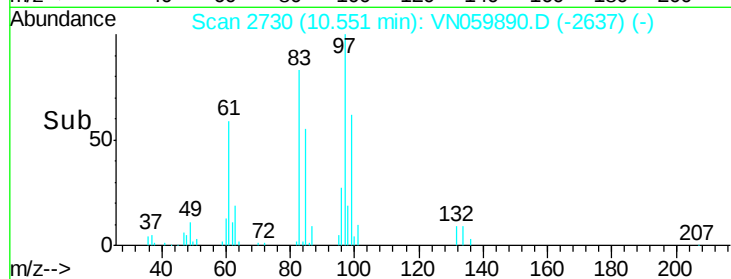
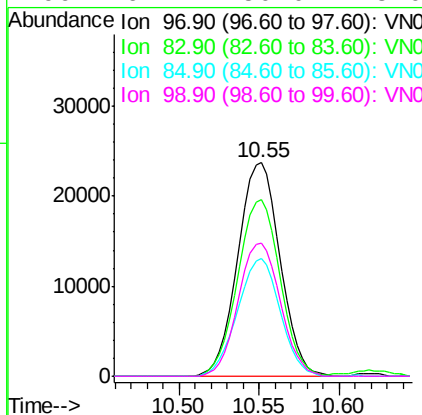
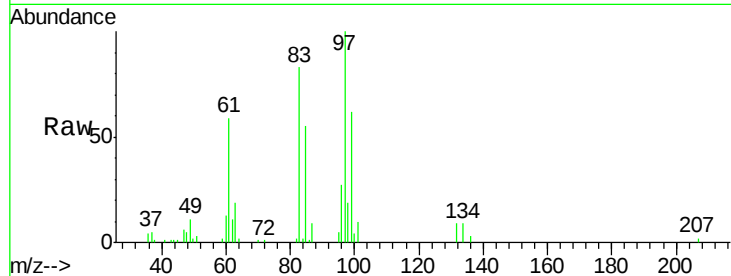
#55
 1,1,2-Trichloroethane
 Concen: 20.464 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059890.D
 Acq: 28 Jan 2020 12:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128MBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	82.9	71.3	106.9
85	55.2	45.8	68.8
99	62.1	50.0	75.0

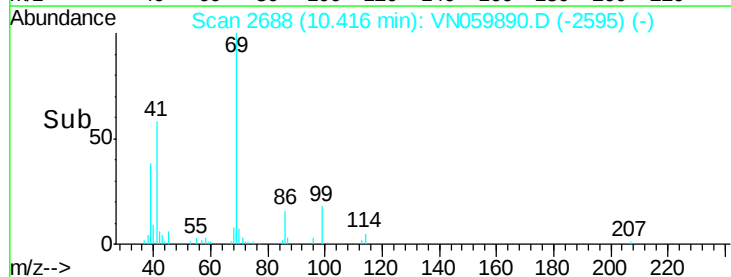
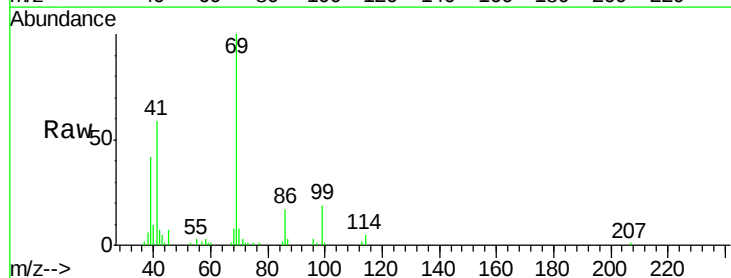
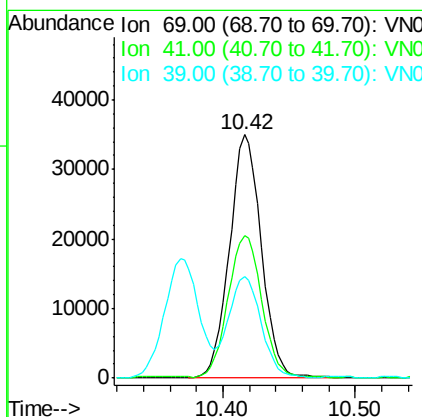
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#56
 Ethyl methacrylate
 Concen: 18.356 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN059890.D
 Acq: 28 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.4	57.1	85.7
39	43.0	34.7	52.1





#57

1,3-Dichloropropane

Concen: 20.936 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059890.D

Acq: 28 Jan 2020 12:03

Instrument :

MSVOA_N

ClientSampled :

VN0128MBS01

Tot Ion: 76 Resp: 69427

Ion Ratio Lower Upper

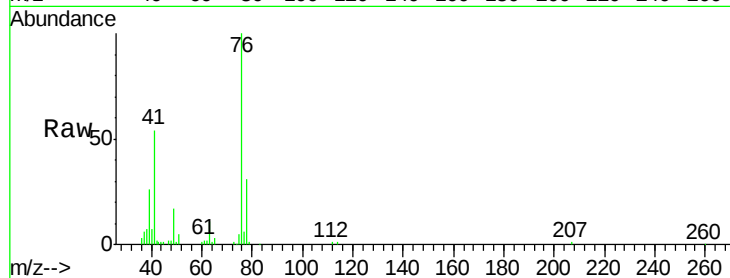
76 100

78 32.1 25.8 38.8

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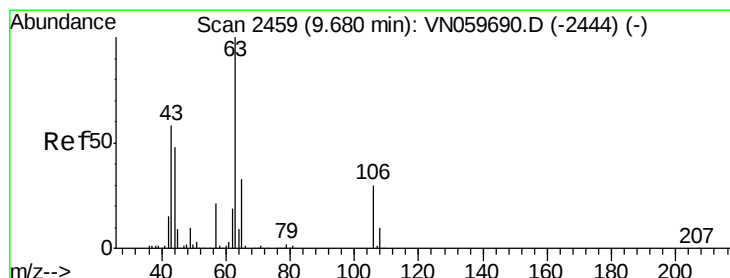
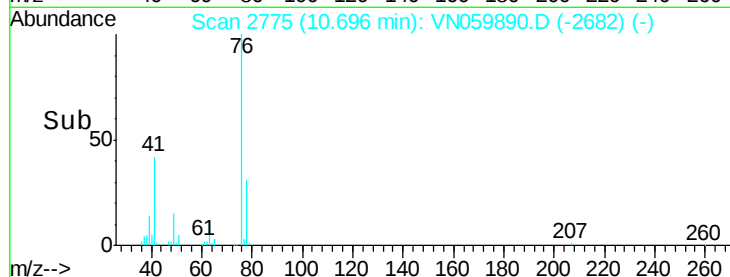
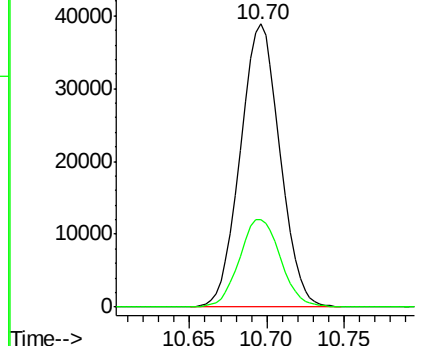
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 100.311 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059890.D

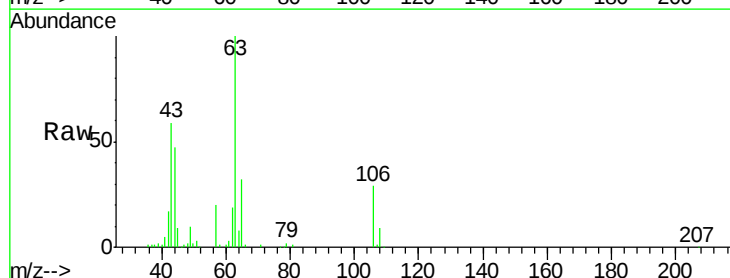
Acq: 28 Jan 2020 12:03

Tgt Ion: 63 Resp: 96431

Ion Ratio Lower Upper

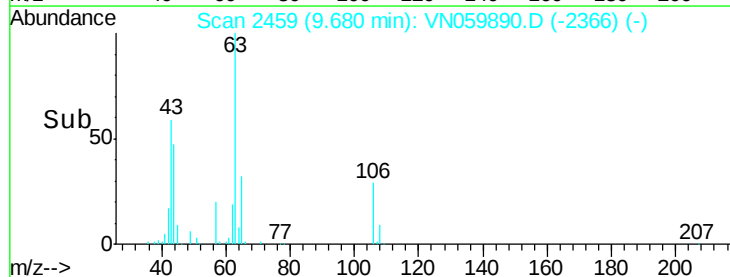
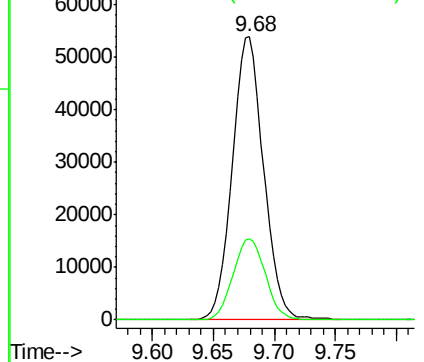
63 100

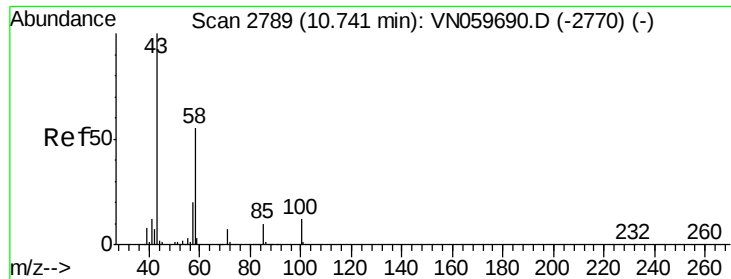
106 29.4 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





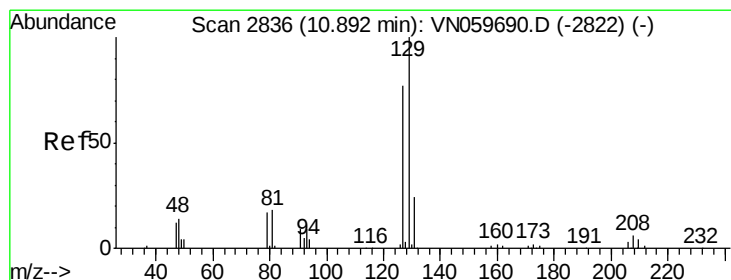
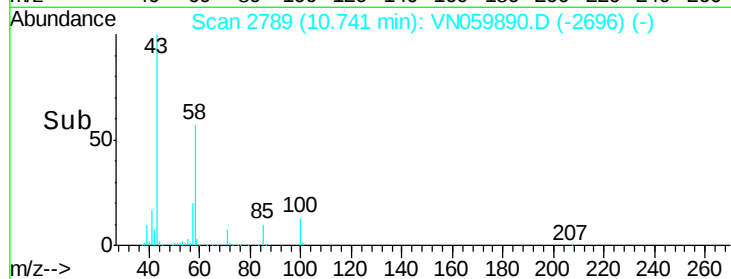
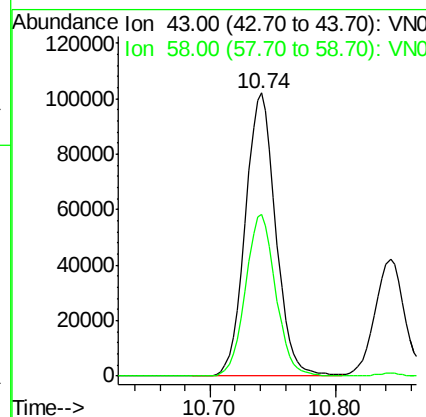
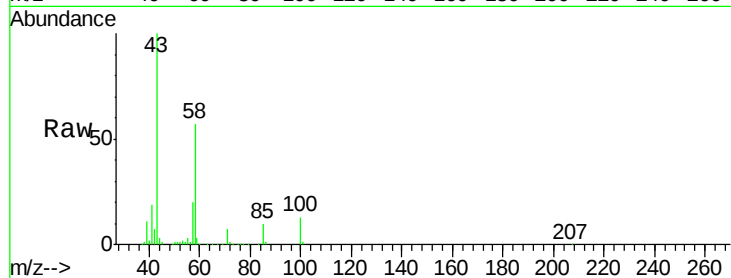
#59
2-Hexanone
Concen: 88.744 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0128MBS01

Tot Ion: 43 Resp: 170688
Ion Ratio Lower Upper
43 100
58 57.2 25.8 77.3

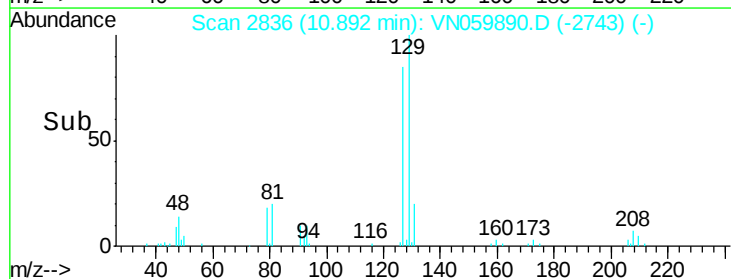
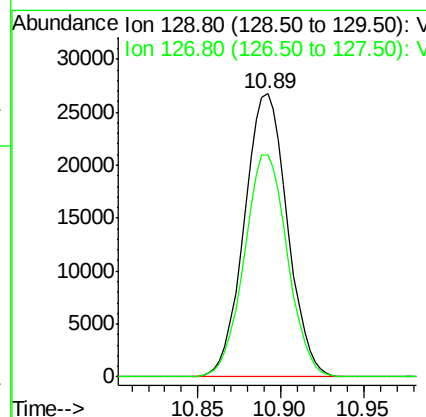
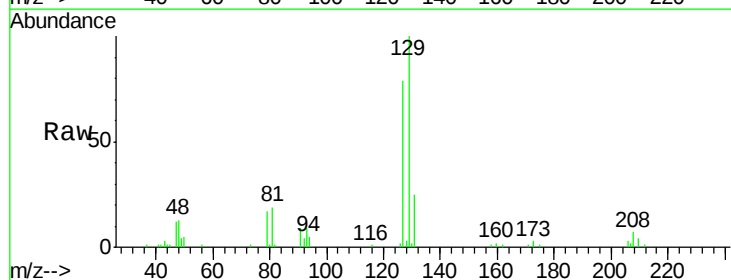
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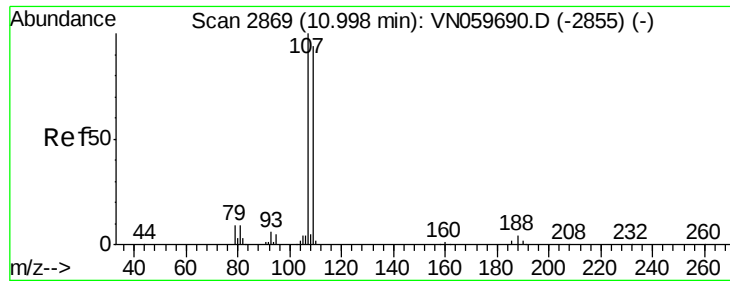
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#60
Dibromochloromethane
Concen: 20.311 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Tgt Ion: 129 Resp: 48311
Ion Ratio Lower Upper
129 100
127 78.6 38.5 115.5





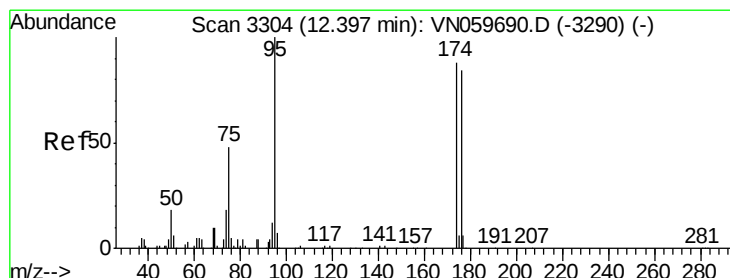
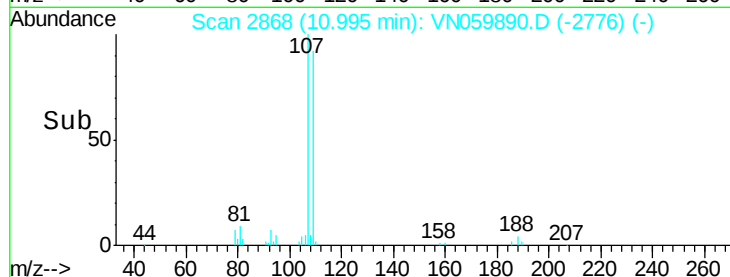
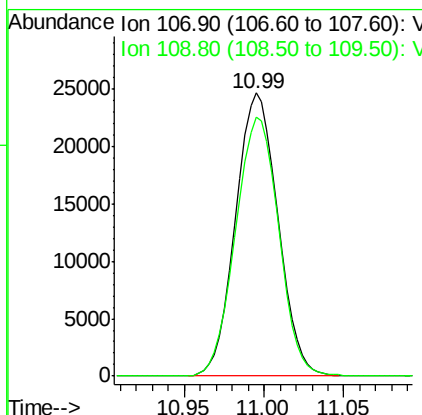
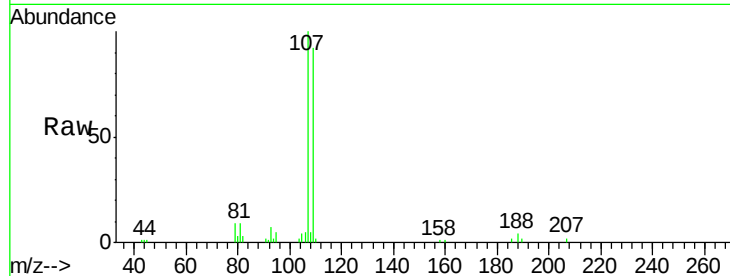
#61
 1,2-Dibromoethane
 Concen: 20.340 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059890.D
 Acq: 28 Jan 2020 12:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128MBS01

Tot Ion:107 Resp: 44530
 Ion Ratio Lower Upper
 107 100
 109 93.6 76.6 115.0

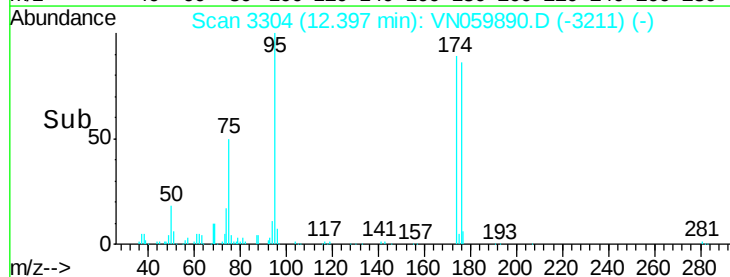
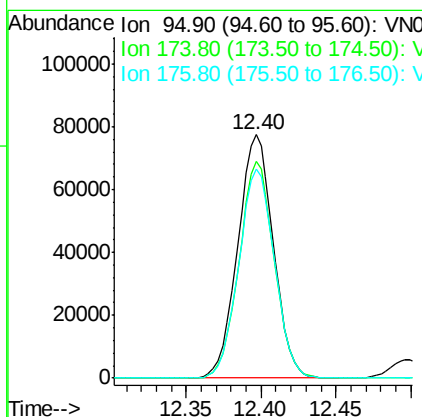
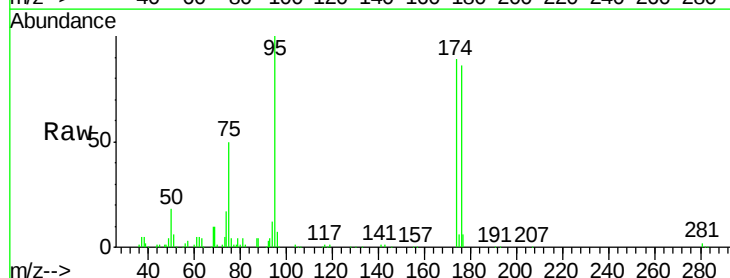
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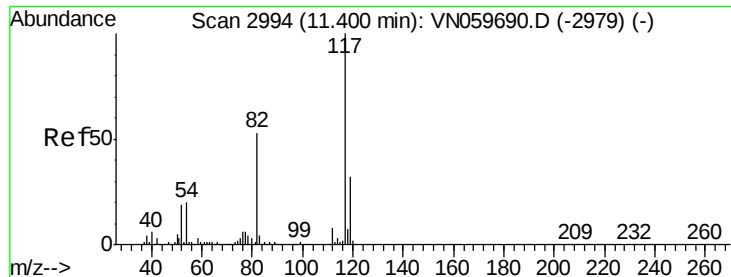
MMDadoda
 1/29/2020 11:04:10 AM



#62
 4-Bromofluorobenzene
 Concen: 47.684 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059890.D
 Acq: 28 Jan 2020 12:03

Tgt Ion: 95 Resp: 127687
 Ion Ratio Lower Upper
 95 100
 174 88.1 0.0 151.4
 176 86.7 0.0 146.0





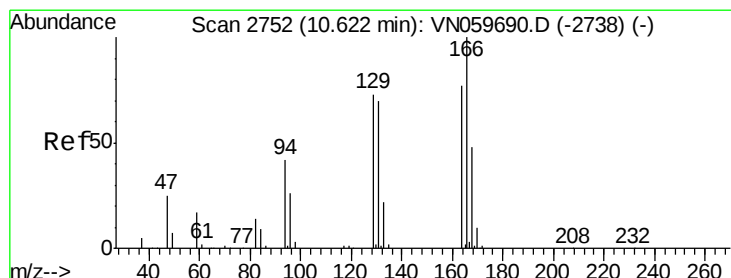
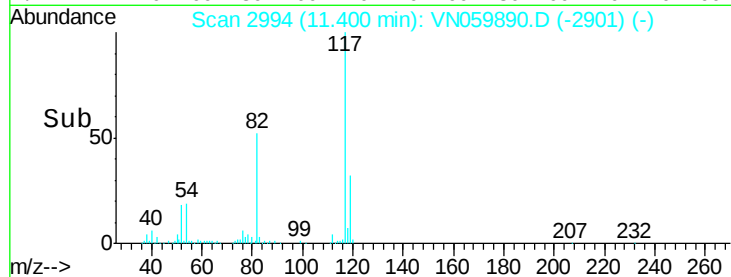
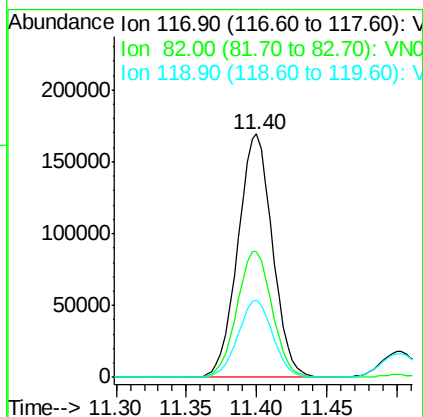
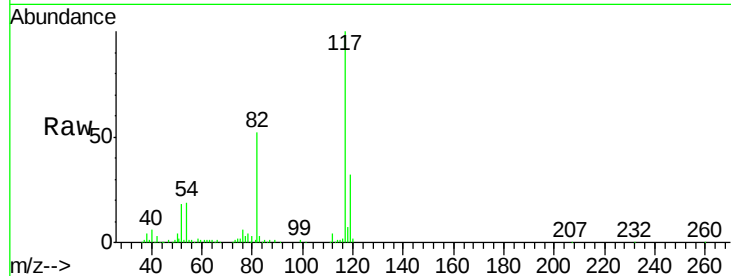
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0128MBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	291206		
82	51.8	45.9	68.9	
119	31.5	25.5	38.3	

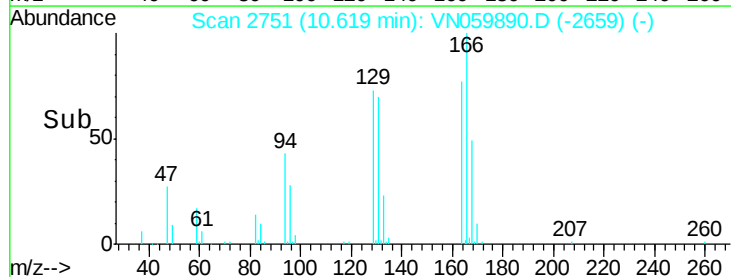
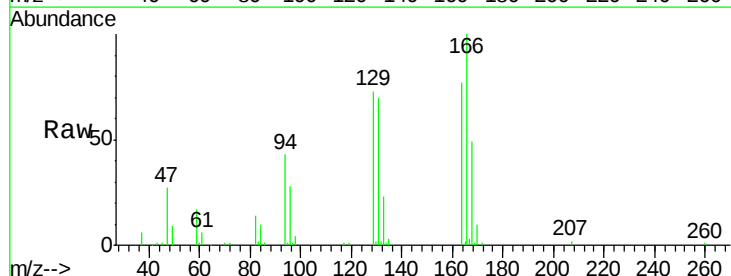
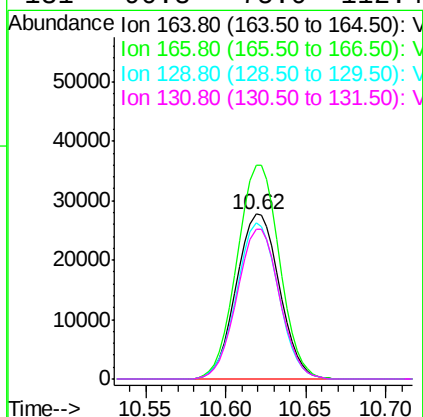
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#64
Tetrachloroethene
Concen: 21.510 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	51052		
166	129.7	101.4	152.0	
129	94.8	80.2	120.4	
131	90.8	75.0	112.4	





#65

Chlorobenzene

Concen: 20.277 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. 0.00 min

Lab File: VN059890.D

Acq: 28 Jan 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0128MBS01

Tot Ion:112 Resp: 116063

Ion Ratio Lower Upper

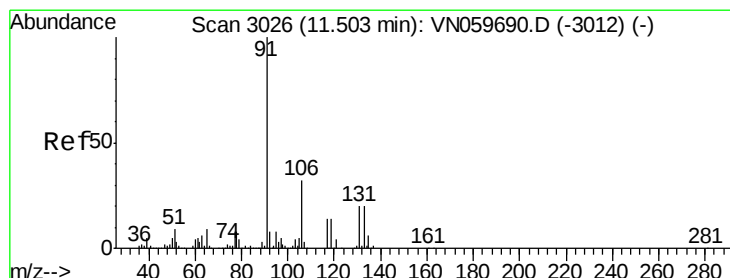
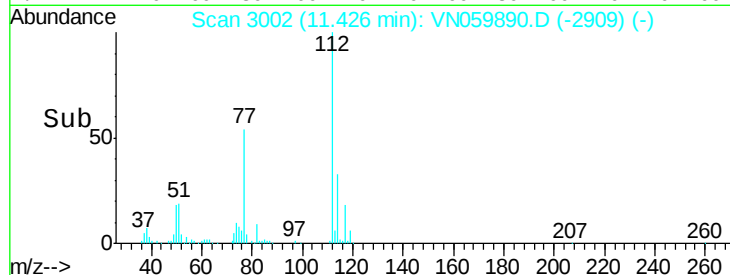
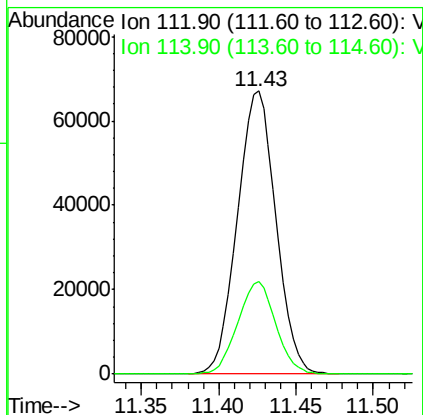
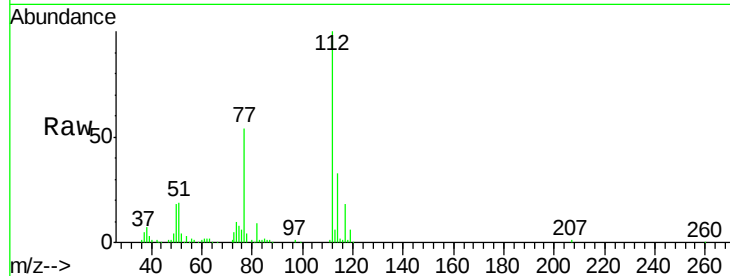
112 100

114 32.7 25.8 38.8

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.770 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. -0.00 min

Lab File: VN059890.D

Acq: 28 Jan 2020 12:03

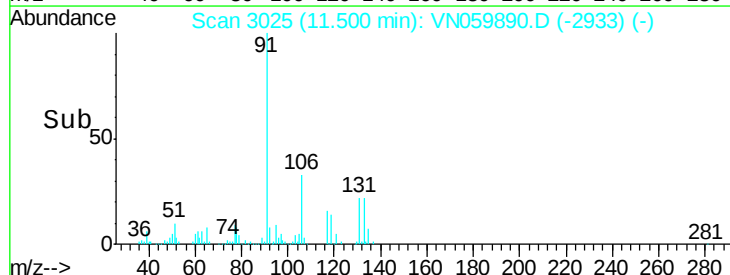
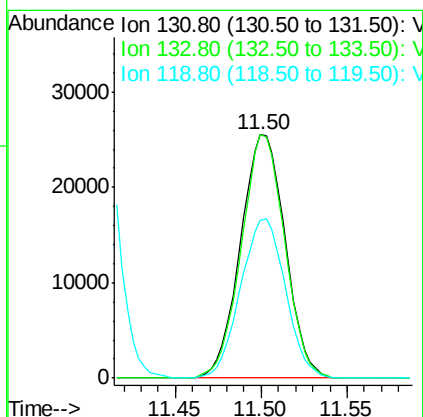
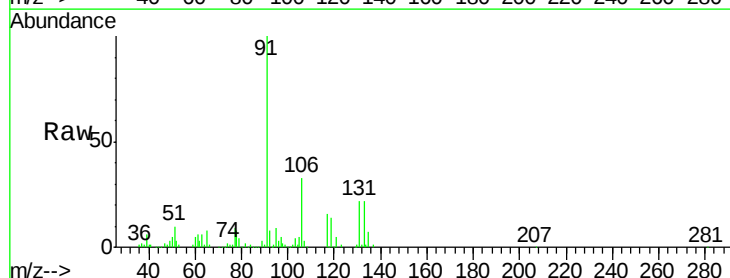
Tgt Ion:131 Resp: 45937

Ion Ratio Lower Upper

131 100

133 96.8 47.4 142.2

119 65.8 33.1 99.3





#67

Ethyl Benzene

Concen: 19.665 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059890.D

Acq: 28 Jan 2020 12:03

Instrument :

MSVOA_N

ClientSampled :

VN0128MBS01

Tot Ion: 91 Resp: 204323

Ion Ratio Lower Upper

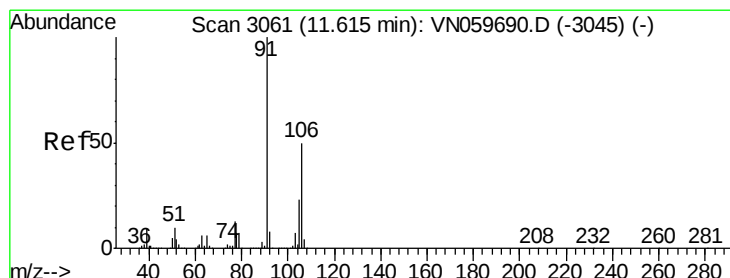
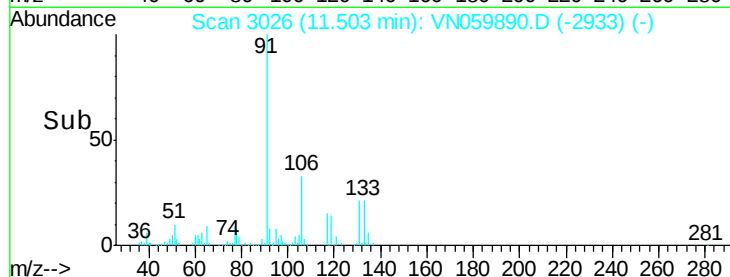
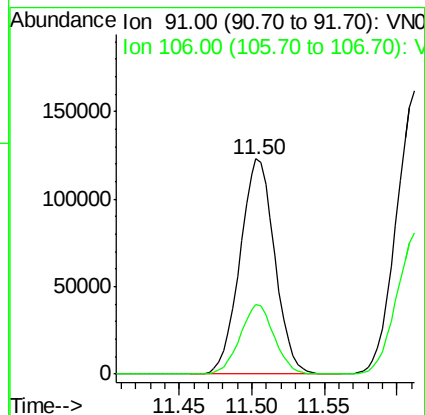
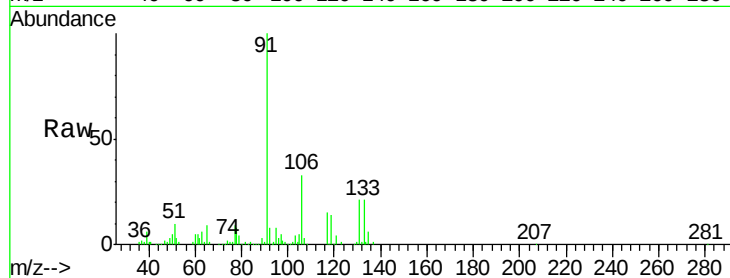
91 100

106 32.5 24.1 36.1

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#68

m/p-Xylenes

Concen: 39.633 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN059890.D

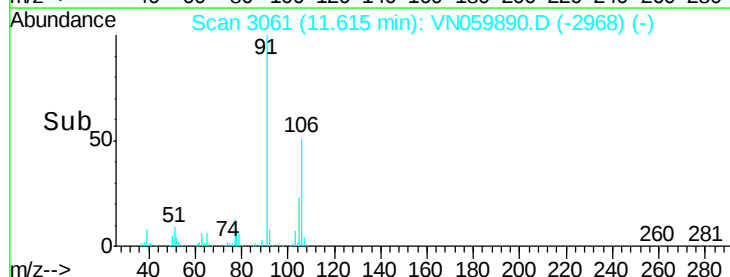
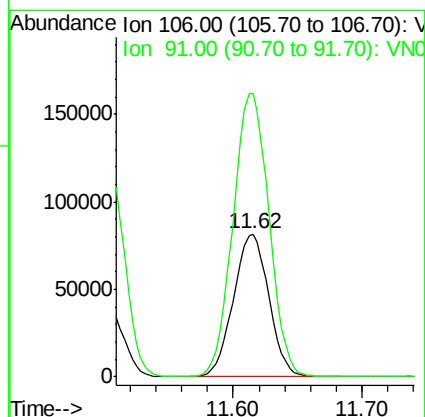
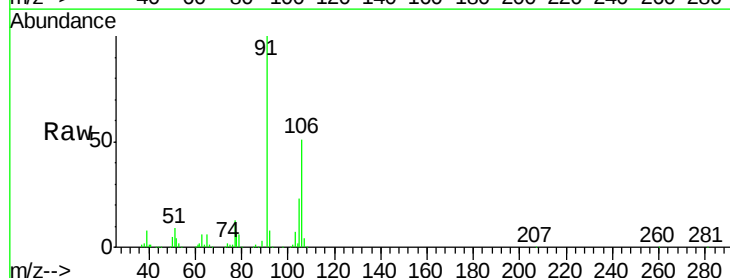
Acq: 28 Jan 2020 12:03

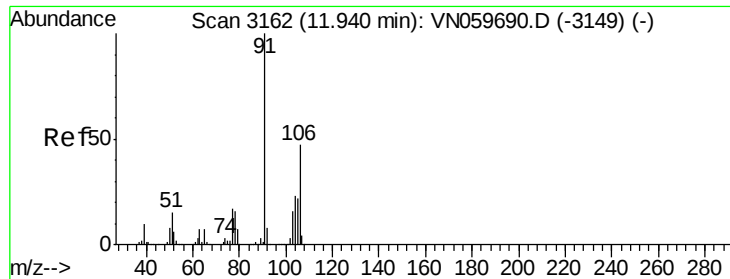
Tgt Ion: 106 Resp: 155556

Ion Ratio Lower Upper

106 100

91 201.3 167.9 251.9





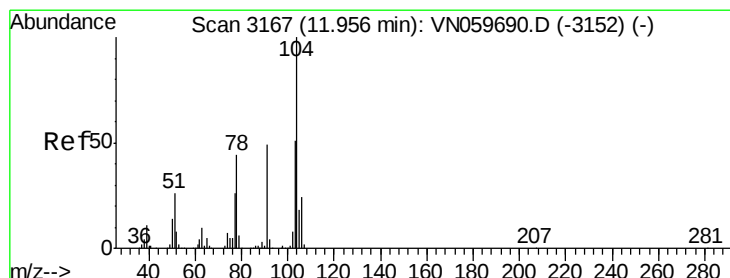
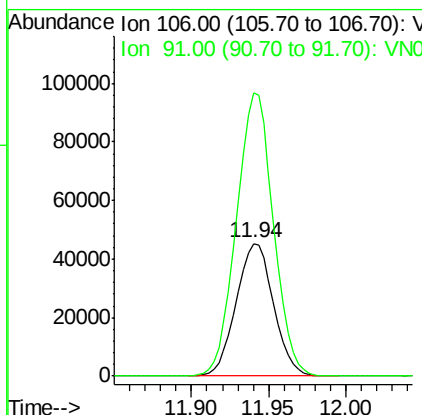
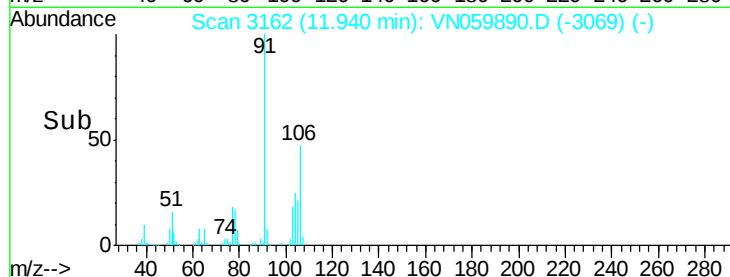
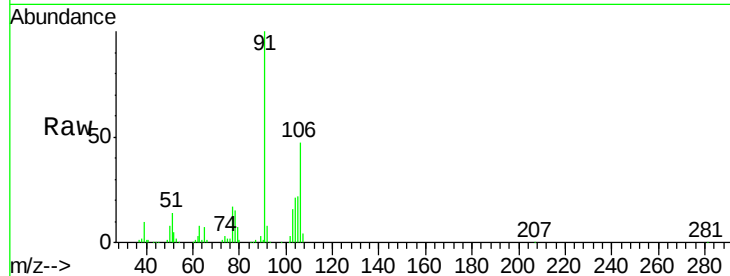
#69
o-Xylene
Concen: 19.765 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampled :
VN0128MBS01

Tot Ion:106 Resp: 75948
Ion Ratio Lower Upper
106 100
91 211.2 110.3 330.9

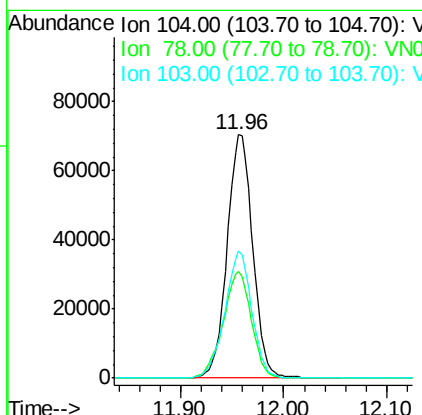
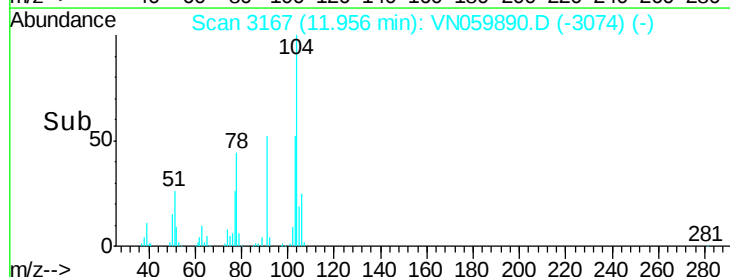
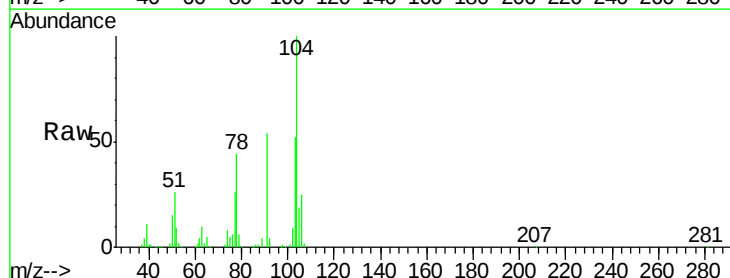
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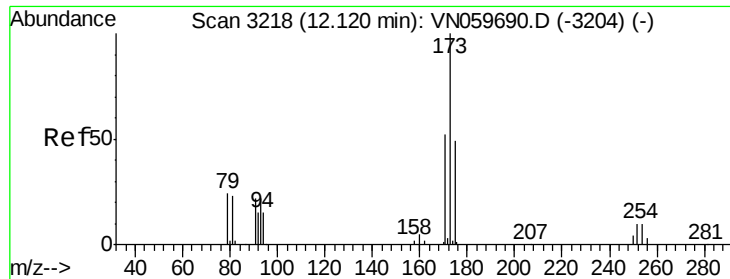
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#70
Styrene
Concen: 18.999 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Tgt Ion:104 Resp: 122162
Ion Ratio Lower Upper
104 100
78 48.3 42.4 63.6
103 54.8 43.9 65.9





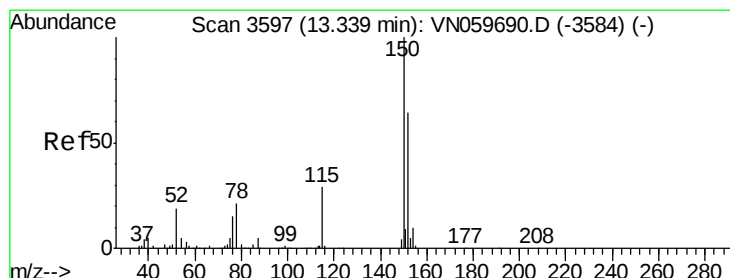
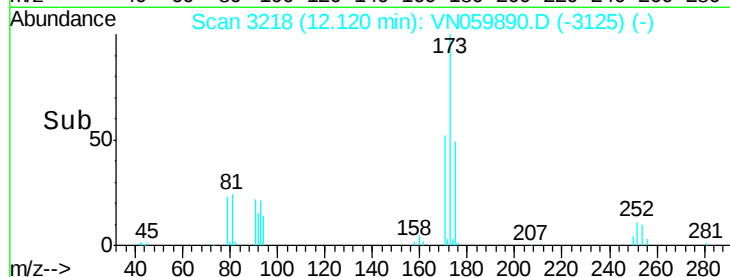
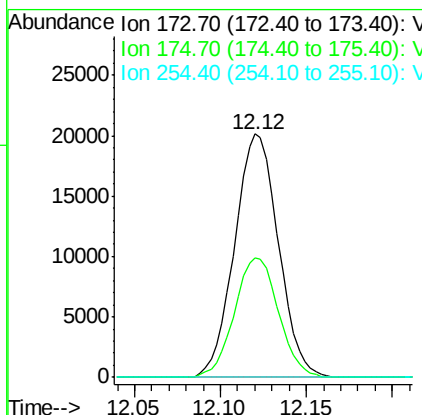
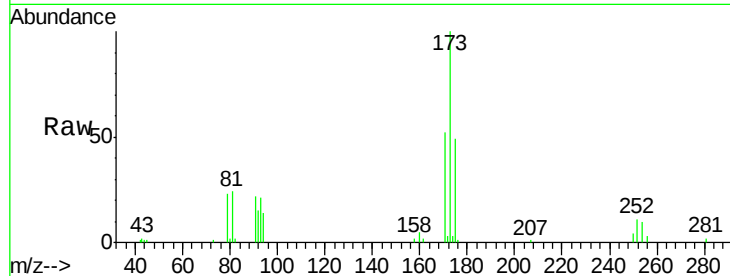
#71
Bromoform
Concen: 20.069 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0128MBS01

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

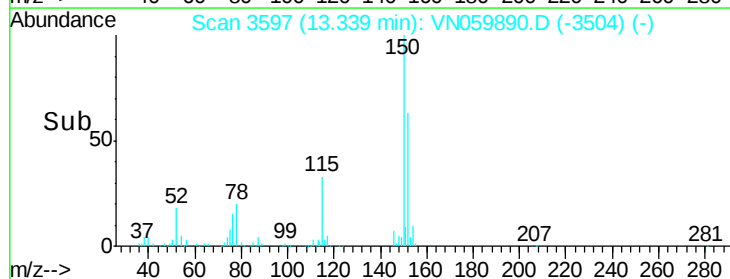
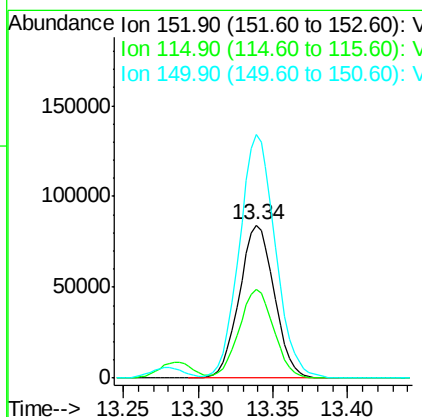
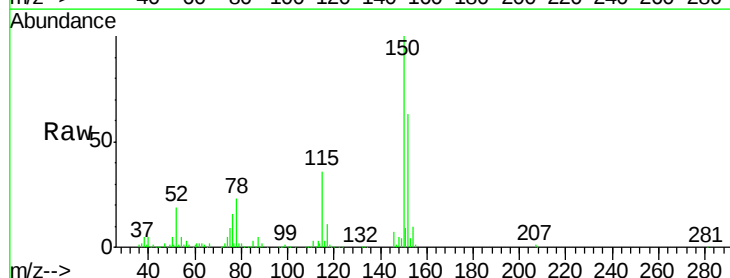
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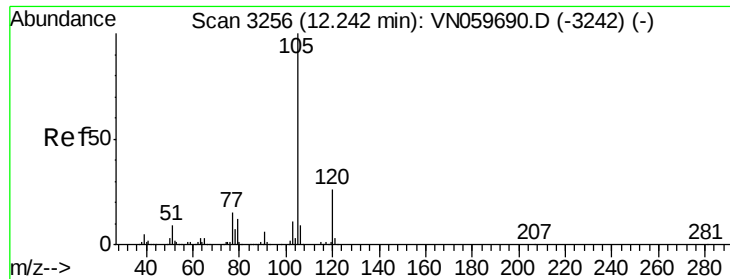
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.3	30.3	90.9
150	164.5	0.0	345.2





#73

Isopropylbenzene

Concen: 20.634 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN059890.D

Acq: 28 Jan 2020 12:03

Instrument :

MSVOA_N

ClientSampled :

VN0128MBS01

Tot Ion: 105 Resp: 206866

Ion Ratio Lower Upper

105 100

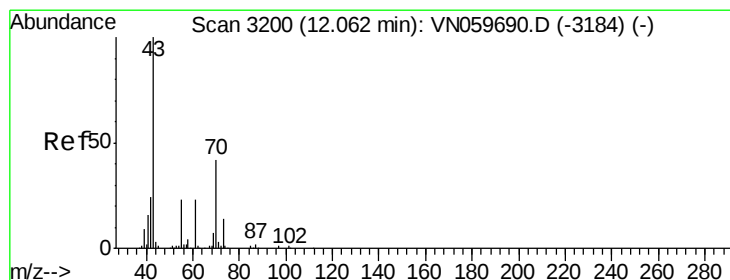
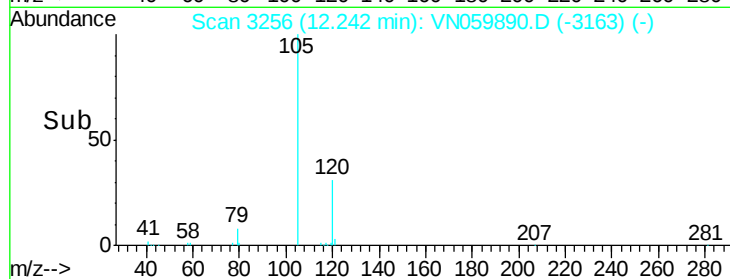
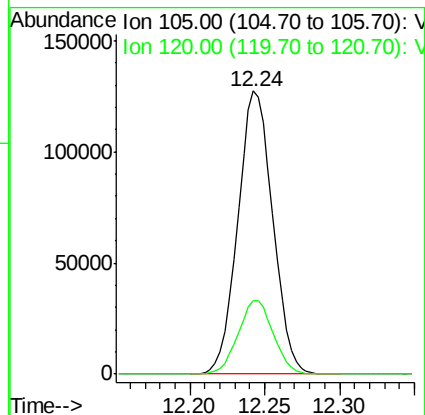
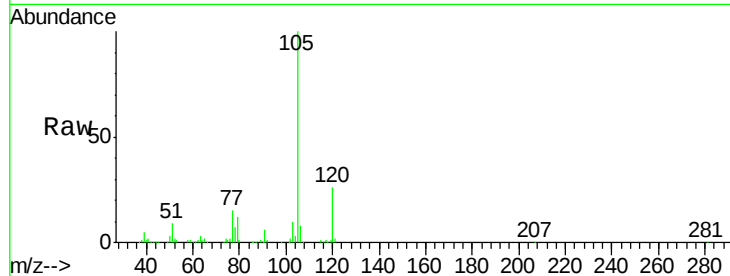
120 26.2 13.2 39.5

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#74

N-ethyl acetate

Concen: 17.681 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN059890.D

Acq: 28 Jan 2020 12:03

Tgt Ion: 43 Resp: 68784

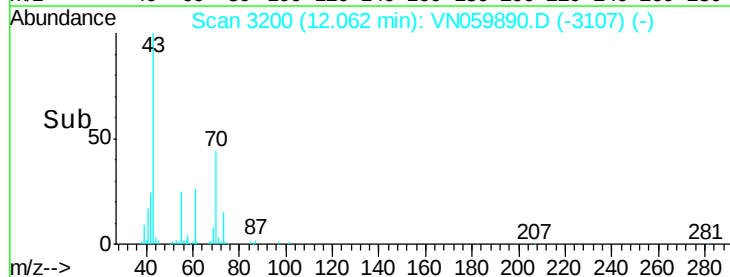
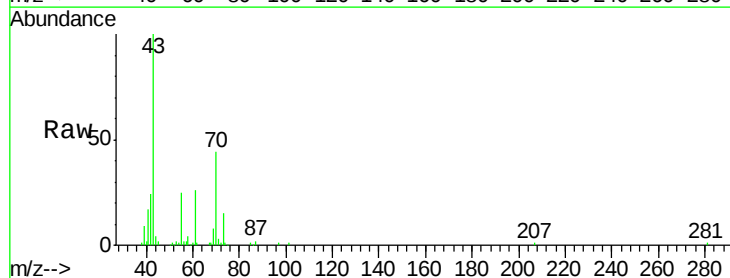
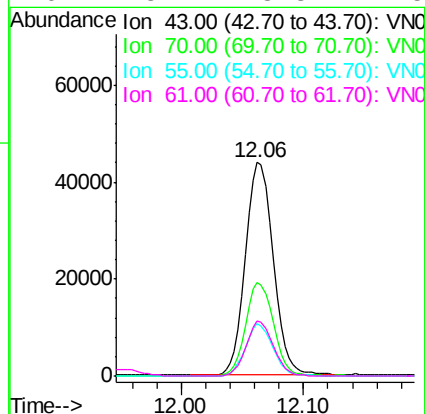
Ion Ratio Lower Upper

43 100

70 44.0 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: 19.541 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059890.D

Acq: 28 Jan 2020 12:03

Instrument :

MSVOA_N

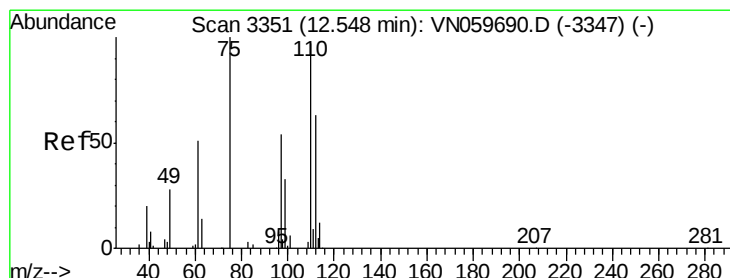
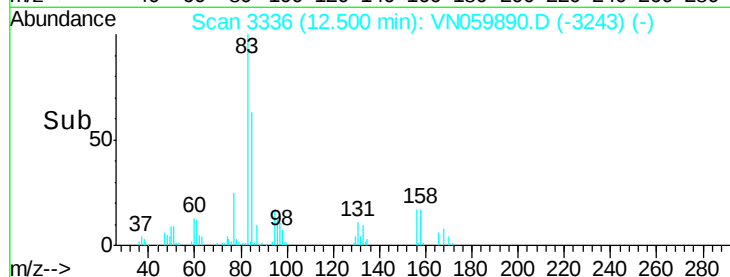
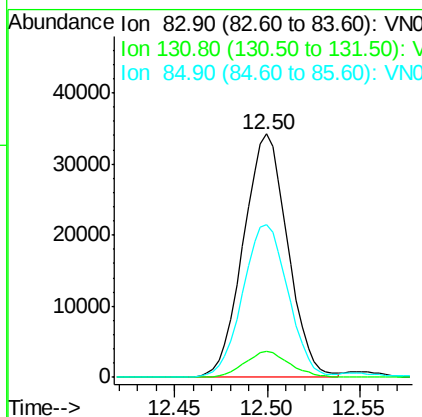
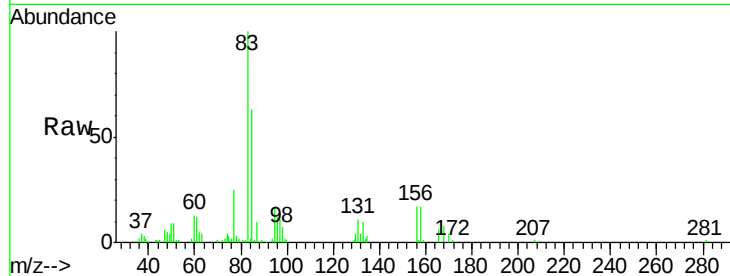
ClientSampleId :

VN0128MBS01

Tot Ion:	83	Resp:	56794
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.0	14.9
85	64.0	31.9	95.5

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#76

1,2,3-Trichloropropane

Concen: 22.655 ug/l m

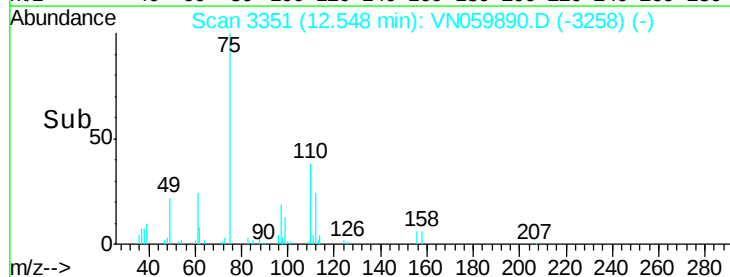
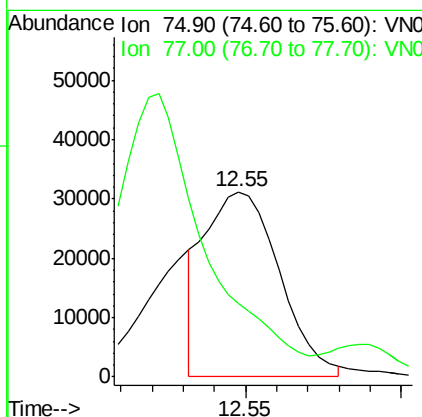
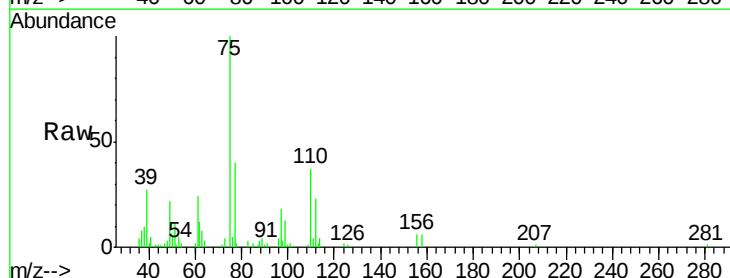
RT: 12.55 min Scan# 3351

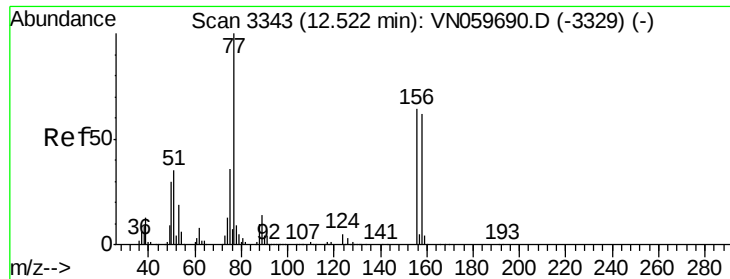
Delta R.T. 0.00 min

Lab File: VN059890.D

Acq: 28 Jan 2020 12:03

Tgt Ion:	75	Resp:	52117
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.754 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059890.D

Acq: 28 Jan 2020 12:03

Instrument :

MSVOA_N

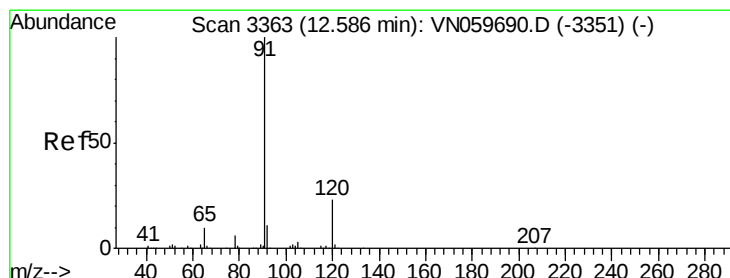
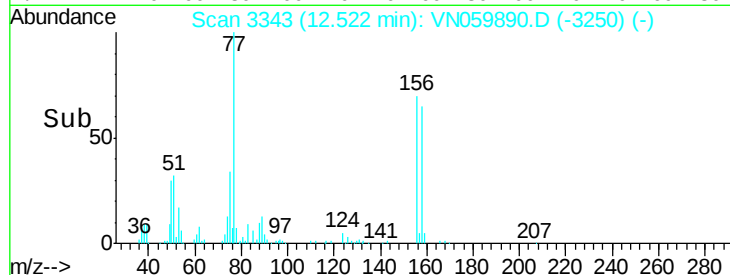
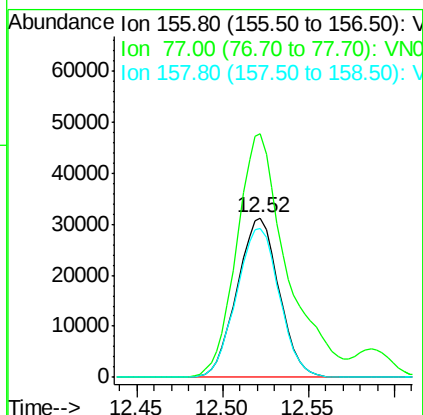
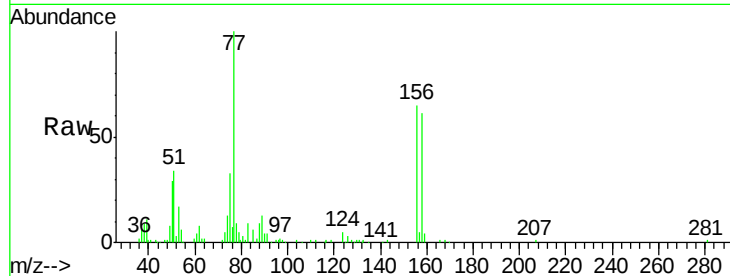
ClientSampleId :

VN0128MBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	183.7	115.8	347.4	
158	95.9	49.2	147.6	

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#78

n-propylbenzene

Concen: 20.224 ug/l

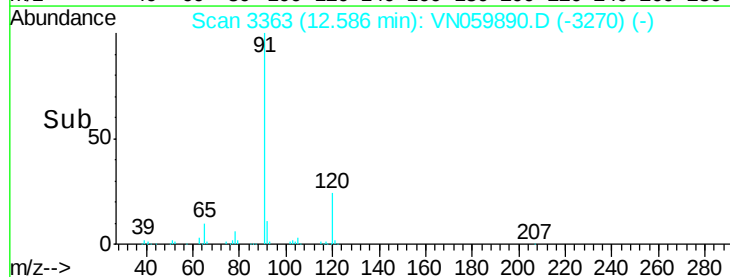
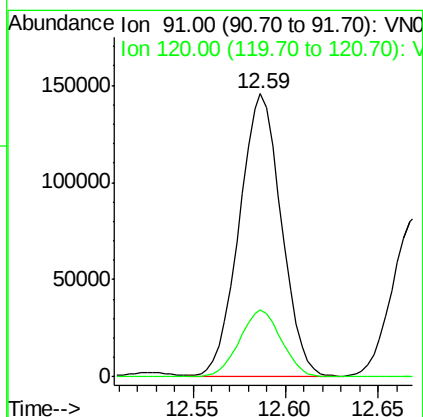
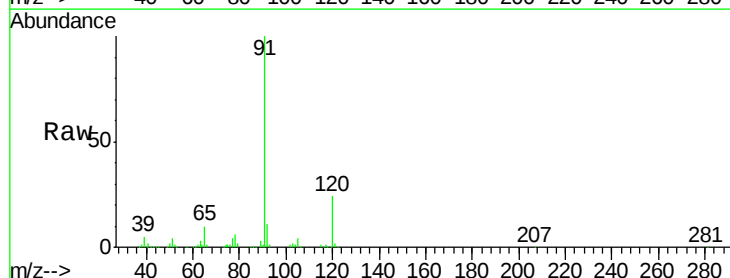
RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059890.D

Acq: 28 Jan 2020 12:03

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.6	11.1	33.3	





#79

2-Chlorotoluene

Concen: 20.201 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059890.D

Acq: 28 Jan 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

VN0128MBS01

Tot Ion: 91 Resp: 135228

Ion Ratio Lower Upper

91 100

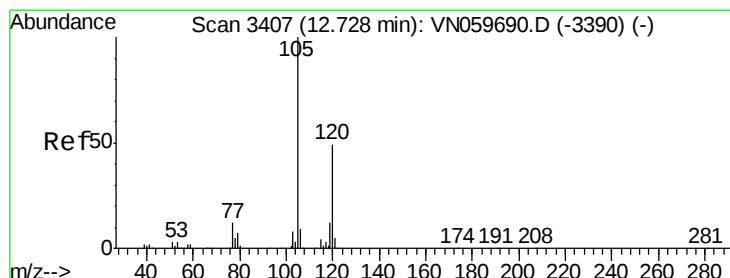
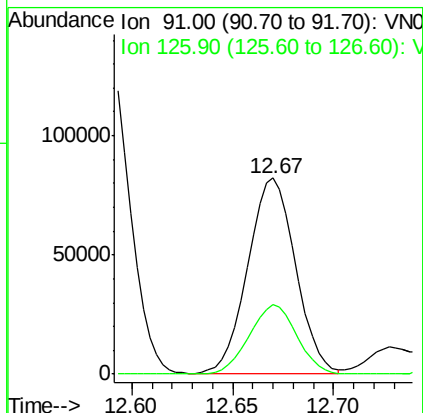
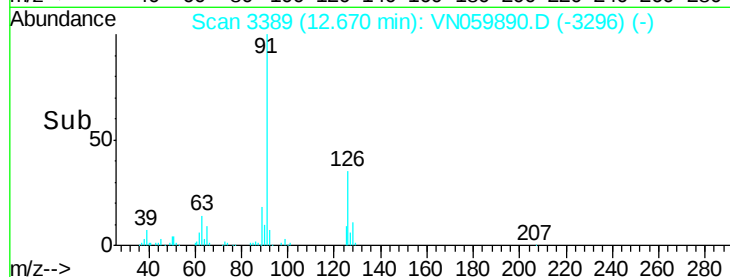
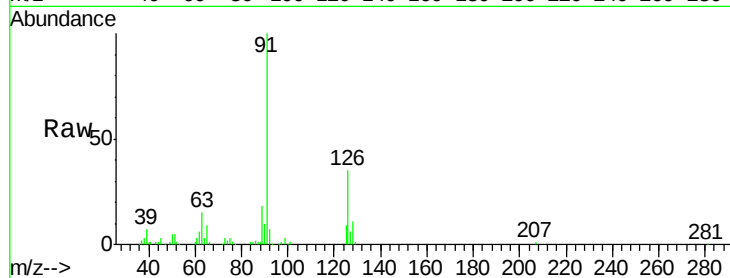
126 35.7 16.3 48.9

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#80

1,3,5-Trimethylbenzene

Concen: 20.174 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059890.D

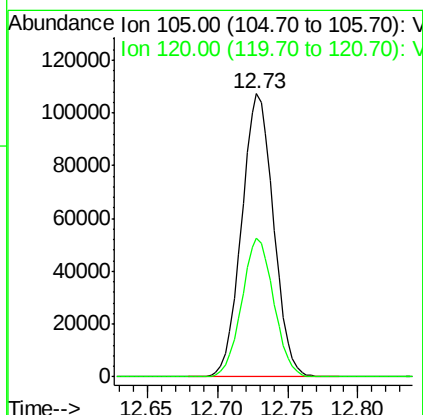
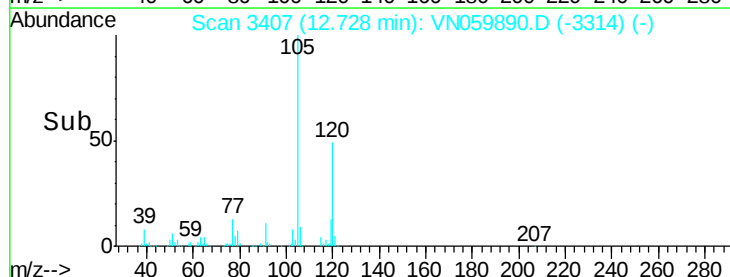
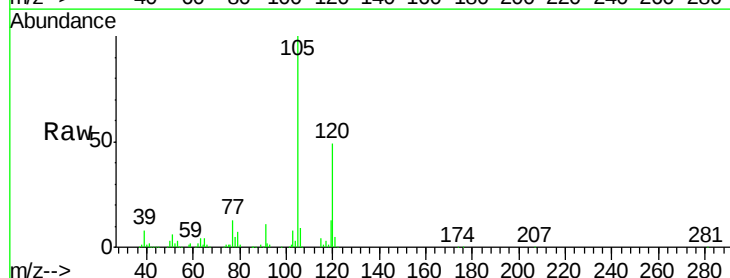
Acq: 28 Jan 2020 12:03

Tgt Ion: 105 Resp: 170096

Ion Ratio Lower Upper

105 100

120 49.0 24.1 72.4





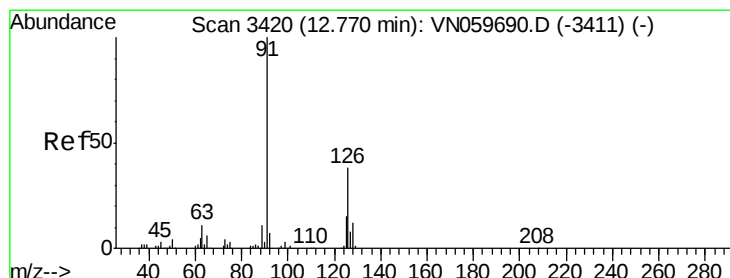
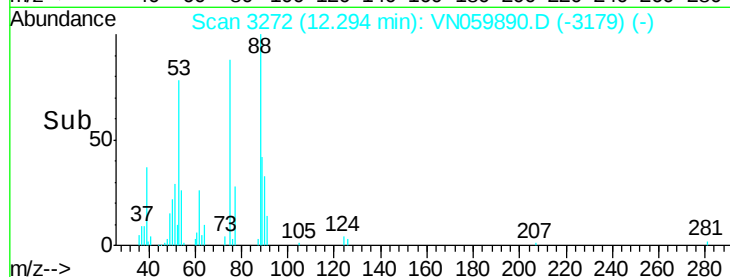
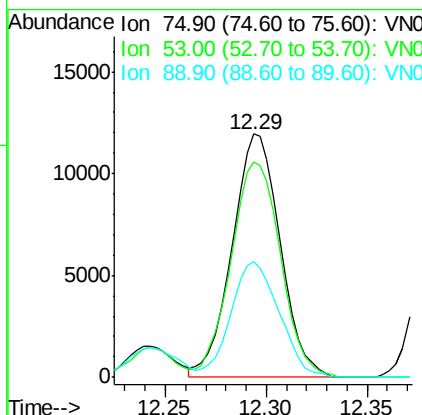
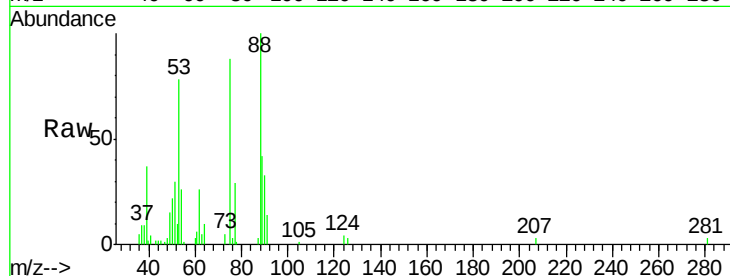
#81
trans-1,4-Dichloro-2-butene
Concen: 18.594 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0128MBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.6	78.1	117.1
89	47.9	35.4	53.2

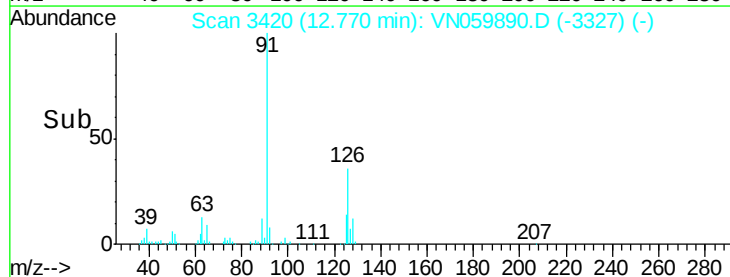
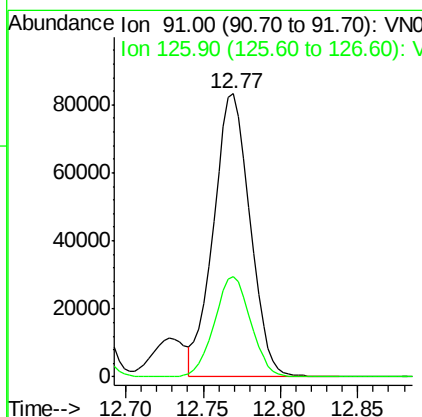
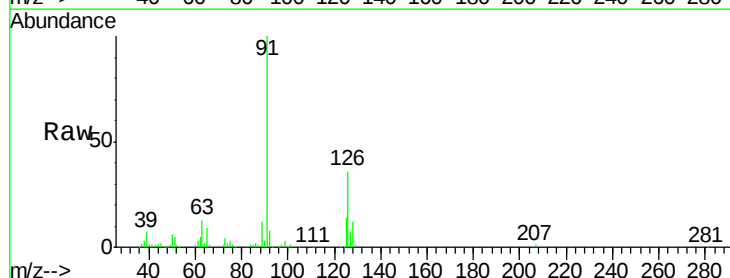
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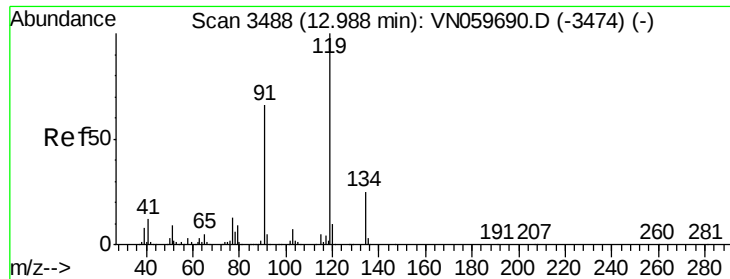
MMDadoda
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#82
4-Chlorotoluene
Concen: 20.362 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.2	16.3	48.8





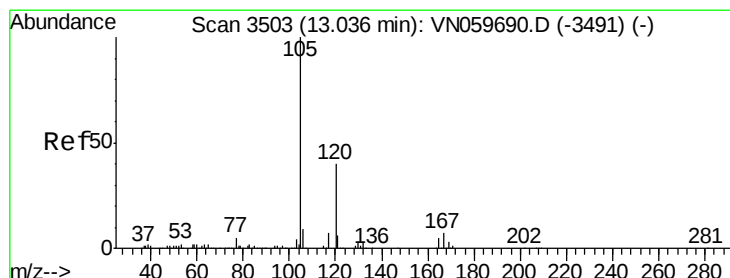
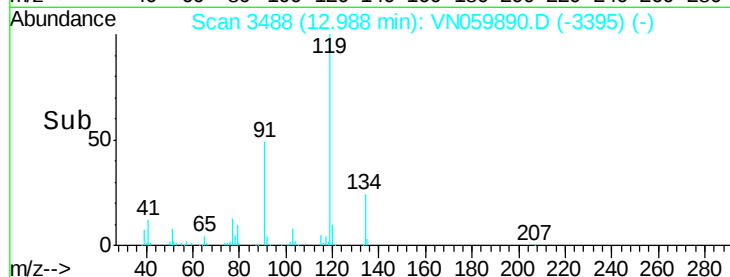
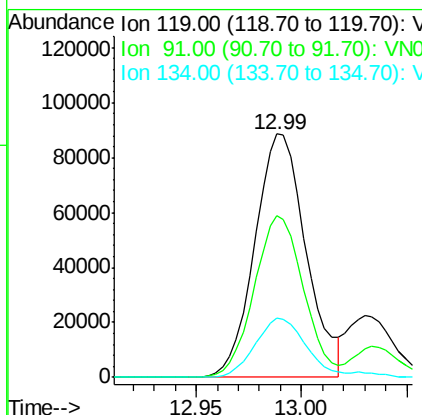
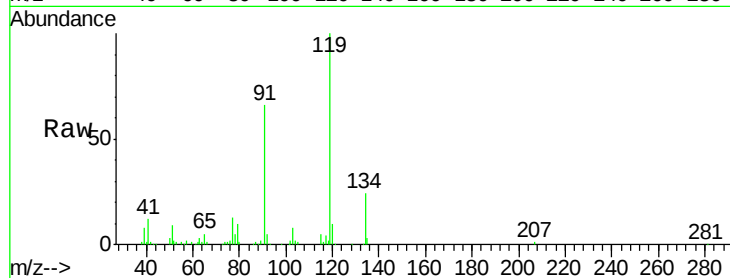
#83
tert-Butylbenzene
Concen: 20.531 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. 0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0128MBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.0	34.8	104.4
134	23.9	12.3	36.9

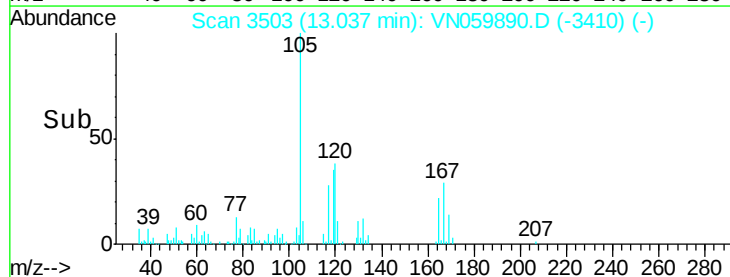
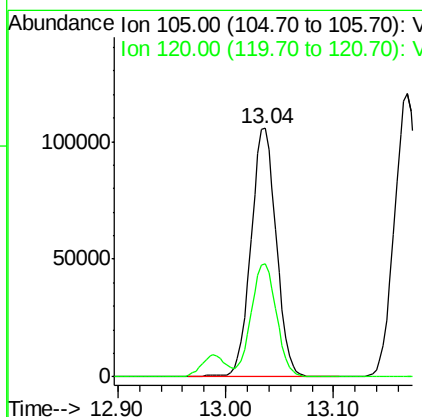
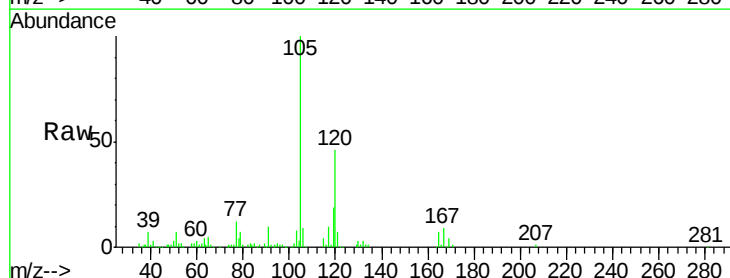
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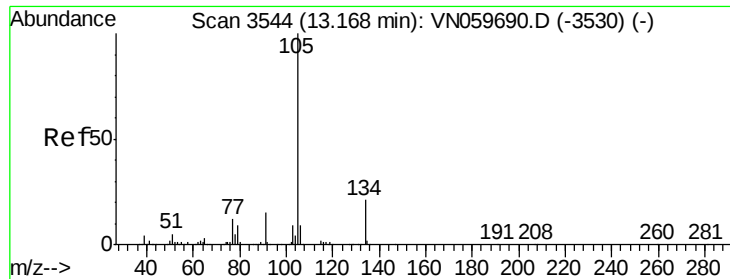
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#84
1,2,4-Trimethylbenzene
Concen: 20.564 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.3	66.9





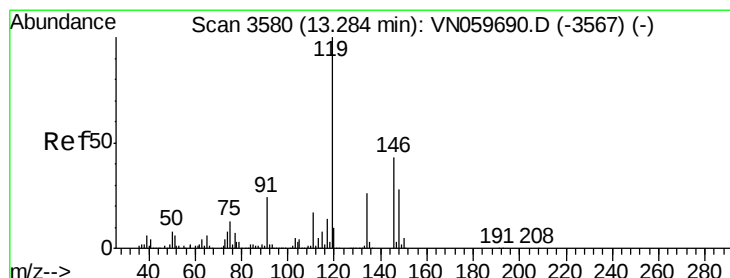
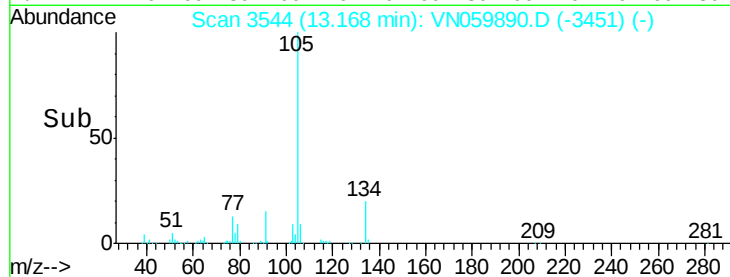
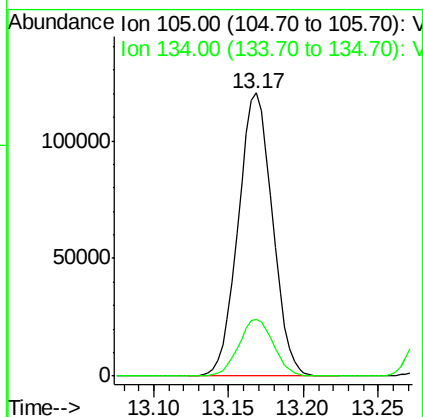
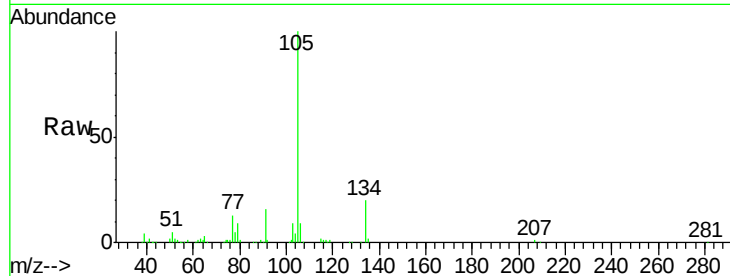
#85
 sec-Butylbenzene
 Concen: 20.046 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059890.D
 Acq: 28 Jan 2020 12:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128MBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	192050		
134	20.3	9.8	29.5	

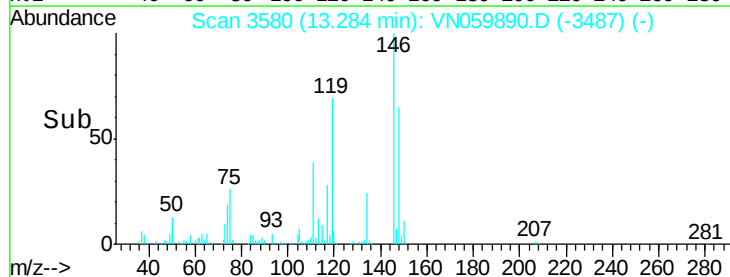
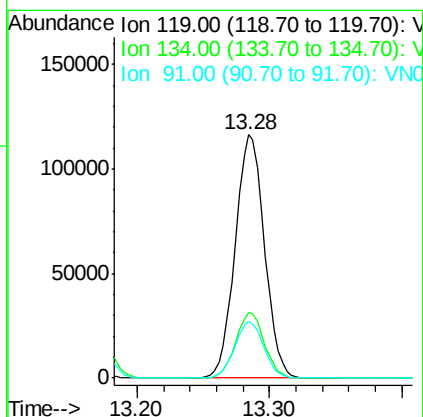
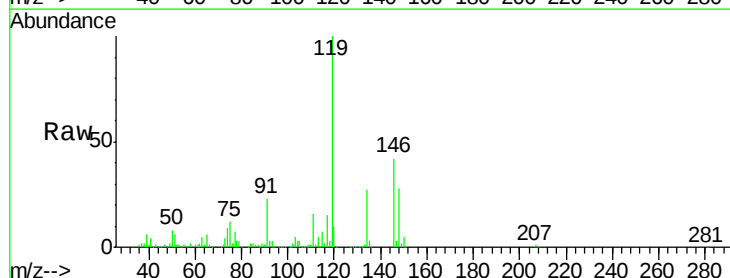
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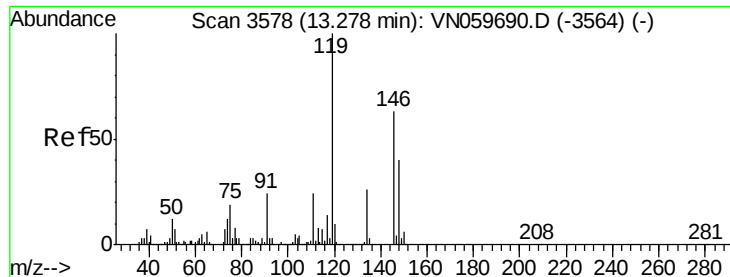
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#86
 p-Isopropyltoluene
 Concen: 19.992 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059890.D
 Acq: 28 Jan 2020 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	177230		
134	26.5	12.9	38.7	
91	23.1	12.4	37.4	





#87

1,3-Dichlorobenzene

Concen: 20.489 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN059890.D

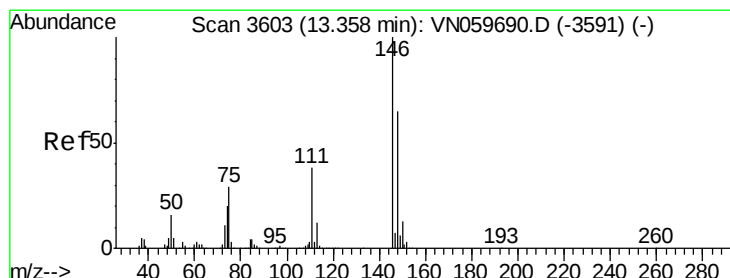
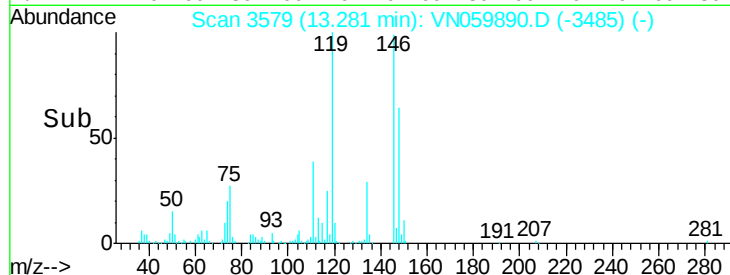
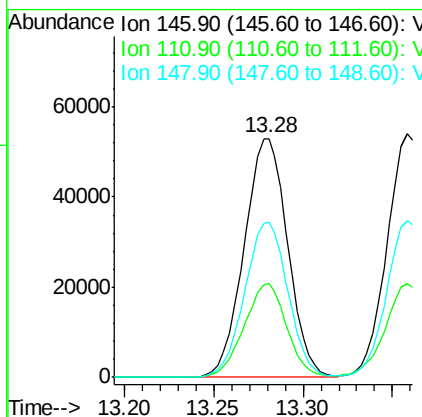
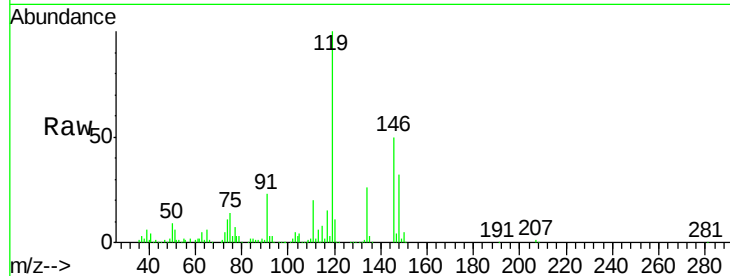
Acq: 28 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0128MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	20.8	62.2
148	64.4	32.0	96.0

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#88

1,4-Dichlorobenzene

Concen: 20.305 ug/l

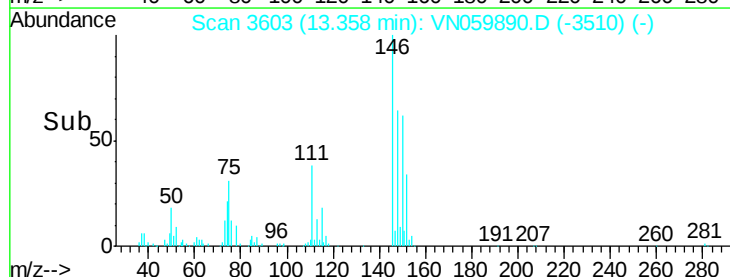
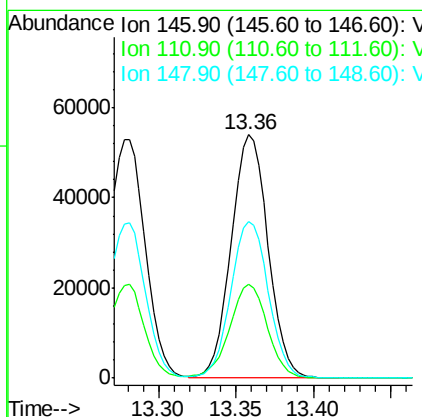
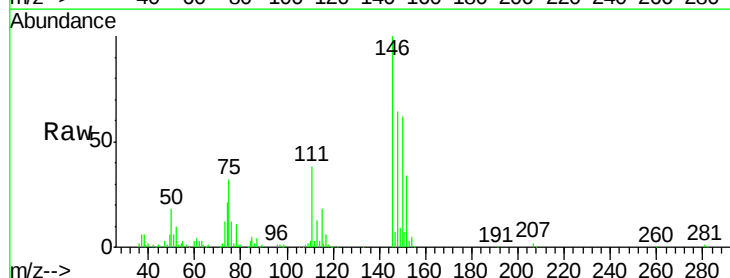
RT: 13.36 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN059890.D

Acq: 28 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.8	62.2
148	65.6	31.8	95.4





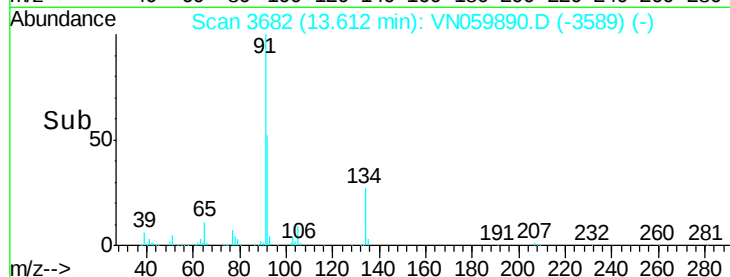
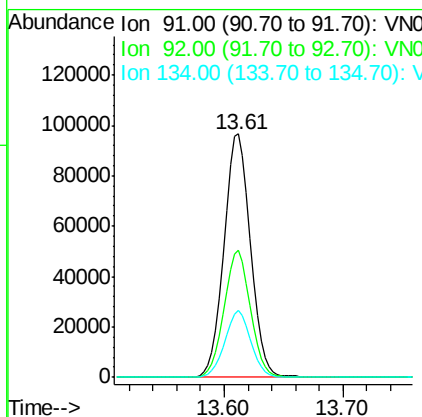
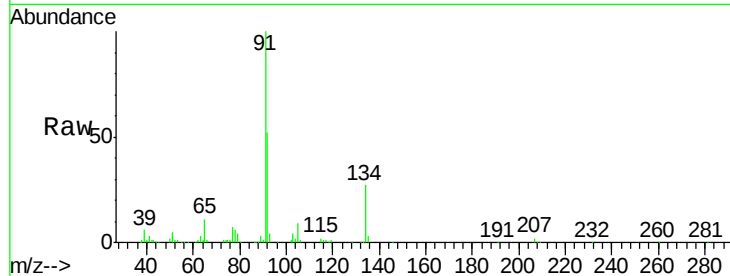
#89
n-Butylbenzene
Concen: 19.673 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0128MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	25.9	77.7
134	26.8	12.3	36.8

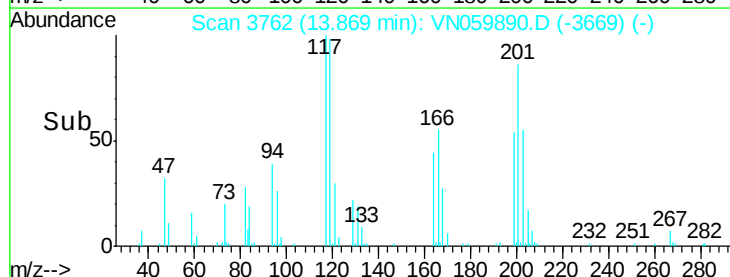
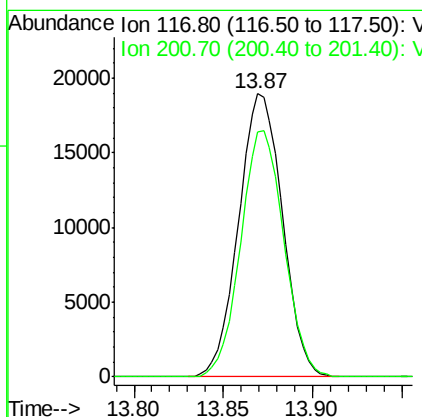
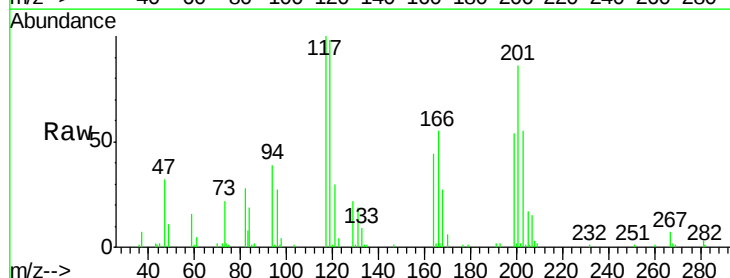
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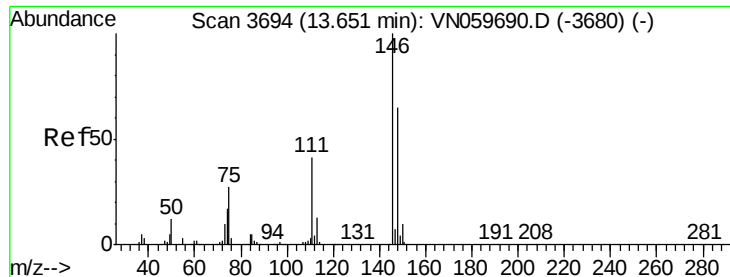
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#90
Hexachloroethane
Concen: 19.576 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN059890.D
Acq: 28 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.8	37.8	113.4





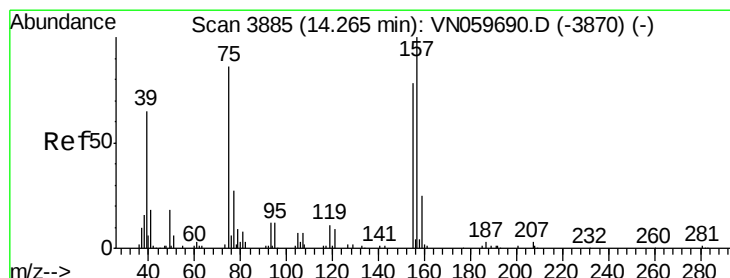
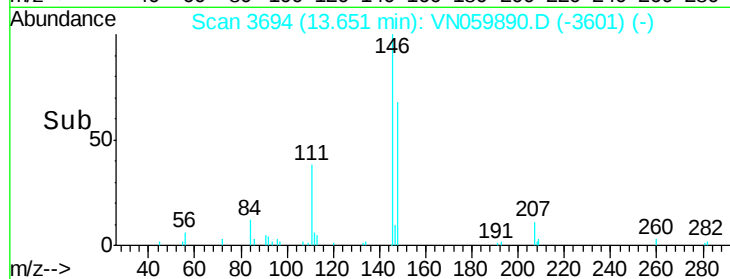
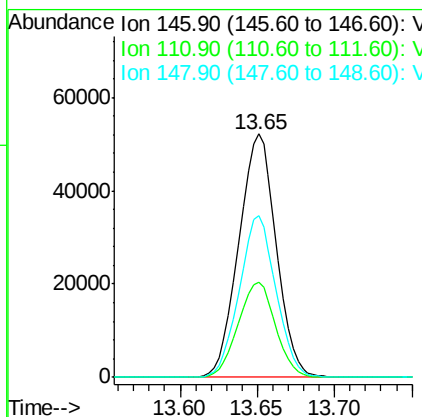
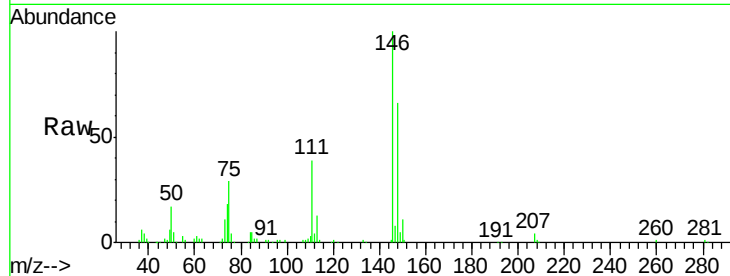
#91
 1,2-Dichlorobenzene
 Concen: 20.092 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059890.D
 Acq: 28 Jan 2020 12:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	21.6	64.8
148	65.2	31.6	95.0

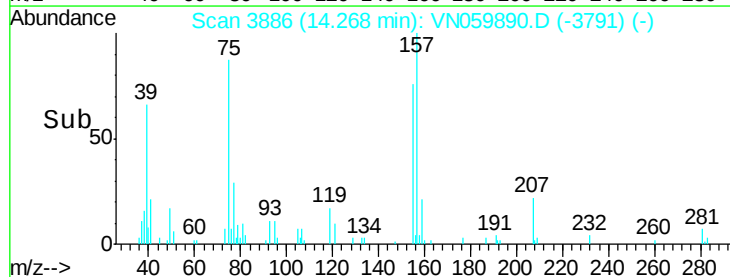
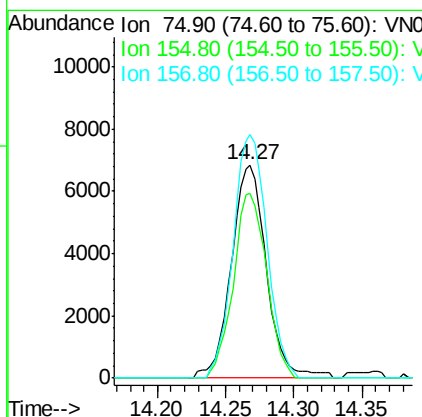
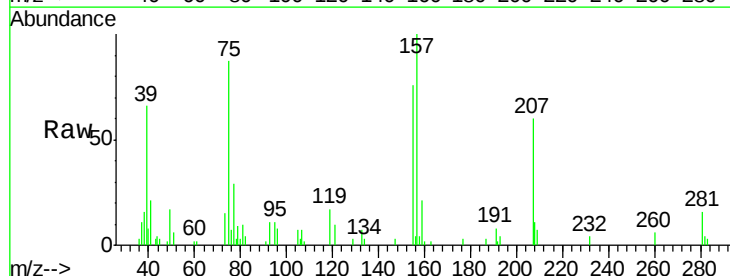
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.300 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN059890.D
 Acq: 28 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.8	37.0	110.9
157	109.9	48.4	145.2





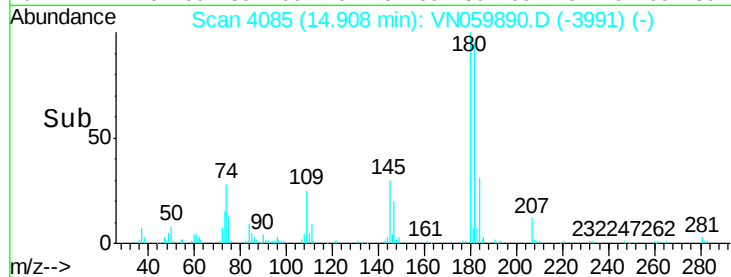
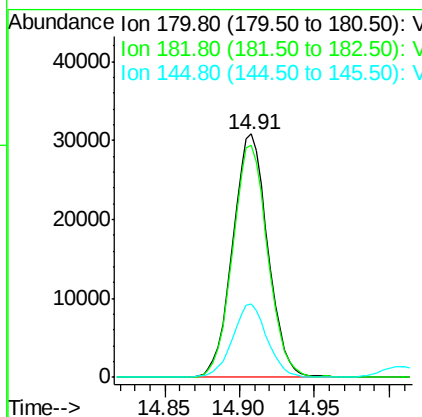
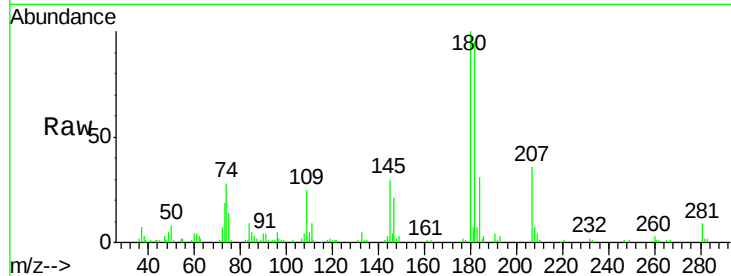
#93
 1,2,4-Trichlorobenzene
 Concen: 19.208 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN059890.D
 Acq: 28 Jan 2020 12:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128MBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	46.9	140.7
145	29.8	15.0	45.1

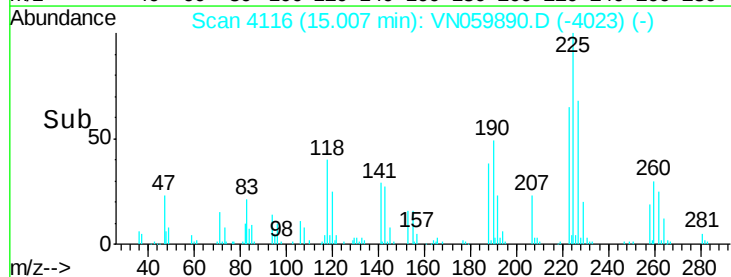
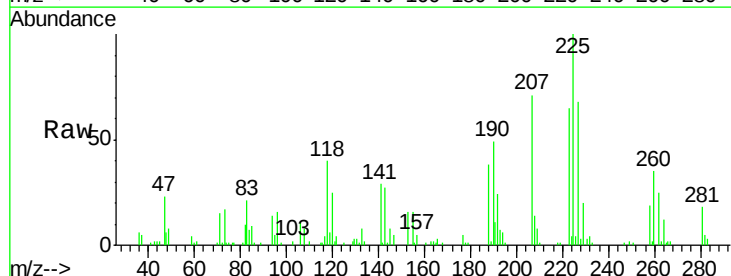
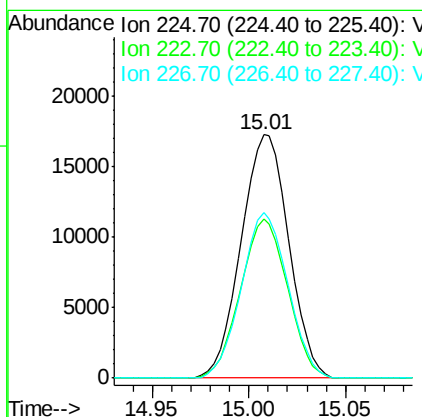
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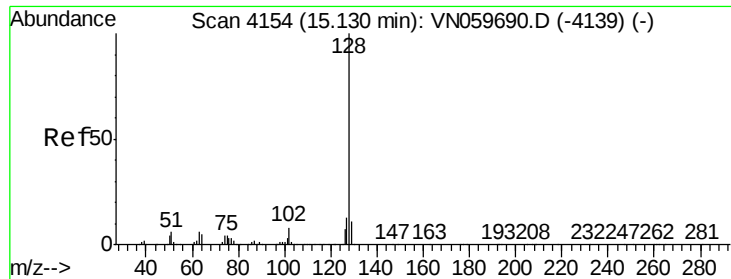
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#94
 Hexachlorobutadiene
 Concen: 20.492 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059890.D
 Acq: 28 Jan 2020 12:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	31.8	95.3
227	66.3	32.1	96.5





#95

Naphthalene

Concen: 17.251 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059890.D

Acq: 28 Jan 2020 12:03

Instrument :

MSVOA_N

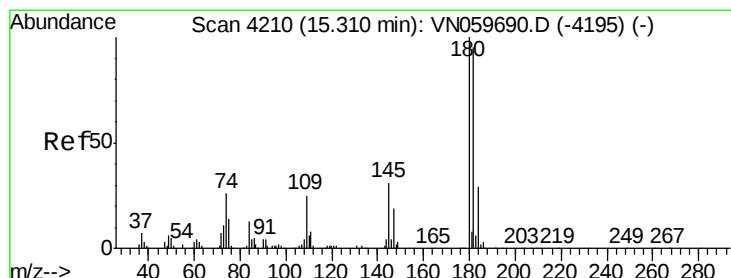
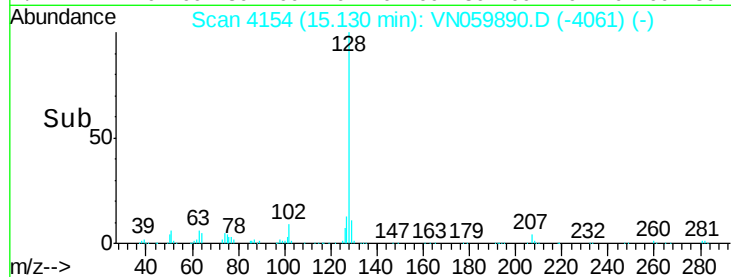
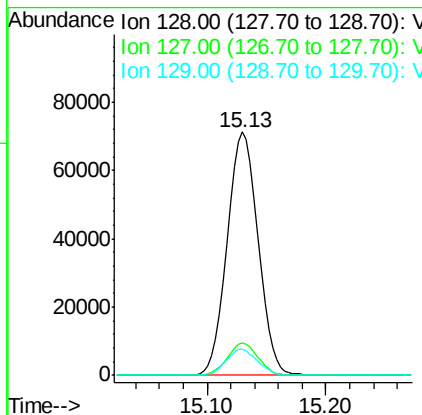
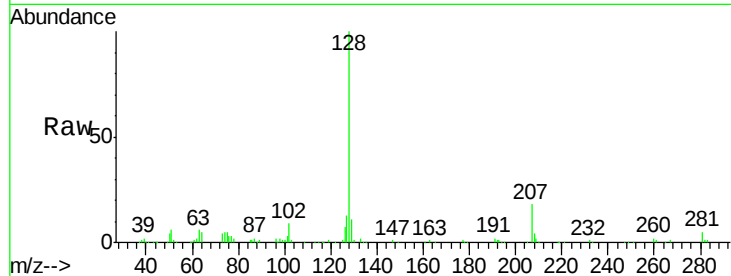
ClientSampleId :

VN0128MBS01

Tot Ion:	128	Resp:	128548
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.8	8.6	12.8

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#96

1,2,3-Trichlorobenzene

Concen: 18.870 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN059890.D

Acq: 28 Jan 2020 12:03

Tgt Ion:	180	Resp:	48117
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.4	142.3
145	32.0	16.3	48.9

