

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012820\
 Data File : VN059895.D
 Acq On : 28 Jan 2020 14:19
 Operator : JC/MD
 Sample : VN0128WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/29/2020 11:04:18 AM

Quant Time: Jan 28 22:40:00 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	241248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	377933	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	337394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	162076	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	127387	47.55	ug/l	0.00
Spiked Amount						
			Recovery	=	95.10%	
35) Dibromofluoromethane	7.56	113	110715	49.12	ug/l	0.00
Spiked Amount						
			Recovery	=	98.24%	
50) Toluene-d8	10.08	98	411119	47.08	ug/l	0.00
Spiked Amount						
			Recovery	=	94.16%	
62) 4-Bromofluorobenzene	12.40	95	145786	46.31	ug/l	0.00
Spiked Amount						
			Recovery	=	92.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	47746	16.435	ug/l	97
3) Chloromethane	2.04	50	43849	15.876	ug/l	99
4) Vinyl Chloride	2.17	62	57217	18.106	ug/l	97
5) Bromomethane	2.54	94	35548	18.432	ug/l	96
6) Chloroethane	2.68	64	26127	17.475	ug/l	95
7) Trichlorofluoromethane	3.00	101	69455	18.301	ug/l	100
8) Diethyl Ether	3.38	74	23963	17.992	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.74	101	40243	19.052	ug/l	92
10) Methyl Iodide	3.93	142	60058	17.590	ug/l	95
11) Tert butyl alcohol	4.73	59	40693	90.225	ug/l	99
12) 1,1-Dichloroethene	3.72	96	38739	17.552	ug/l	86
13) Acrolein	3.58	56	19547	61.225	ug/l	97
14) Allyl chloride	4.30	41	52537	17.660	ug/l #	86
15) Acrylonitrile	4.94	53	95066	92.405	ug/l	99
16) Acetone	3.78	43	90068	92.251	ug/l	96
17) Carbon Disulfide	4.03	76	95459	15.182	ug/l	99
18) Methyl Acetate	4.28	43	57181	18.272	ug/l	91
19) Methyl tert-butyl Ether	5.00	73	134021	18.624	ug/l	96
20) Methylene Chloride	4.53	84	44137	17.365	ug/l	87
21) trans-1,2-Dichloroethene	5.00	96	41241	17.578	ug/l	84
22) Diisopropyl ether	5.91	45	120880	17.930	ug/l #	93
23) Vinyl Acetate	5.86	43	469284	89.903	ug/l #	92
24) 1,1-Dichloroethane	5.82	63	73653	17.879	ug/l	96
25) 2-Butanone	6.80	43	126154	83.151	ug/l #	88
26) 2,2-Dichloropropane	6.80	77	71548	18.066	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	49554	18.363	ug/l	88
28) Bromochloromethane	7.17	49	30236	18.364	ug/l #	69
29) Tetrahydrofuran	7.18	42	81252	86.558	ug/l #	86
30) Chloroform	7.35	83	79604	18.650	ug/l	100
31) Cyclohexane	7.63	56	65183	16.444	ug/l #	84
32) 1,1,1-Trichloroethane	7.54	97	72227	18.302	ug/l	96
36) 1,1-Dichloropropene	7.77	75	56709	17.231	ug/l	96
37) Ethyl Acetate	6.89	43	53401	17.300	ug/l	97
38) Carbon Tetrachloride	7.75	117	65626	18.331	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	67549	16.645	ug/l	91
40) Benzene	8.02	78	170362	17.356	ug/l	99
41) Methacrylonitrile	7.15	41	26025m	17.117	ug/l	
42) 1,2-Dichloroethane	8.10	62	61207	18.392	ug/l	97
43) Isopropyl Acetate	8.14	43	91041	17.147	ug/l #	93
44) Trichloroethene	8.82	130	50569	18.872	ug/l	91
45) 1,2-Dichloropropane	9.10	63	43698	17.991	ug/l	99
46) Dibromomethane	9.19	93	31914	18.627	ug/l	92
47) Bromodichloromethane	9.39	83	61711	17.874	ug/l	99
48) Methyl methacrylate	9.18	41	38959	16.404	ug/l	88
49) 1,4-Dioxane	9.18	88	16607	381.979	ug/l	87
51) 4-Methyl-2-Pentanone	9.97	43	266793	86.924	ug/l	95
52) Toluene	10.14	92	110486	17.821	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	68587	17.791	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	73567	18.136	ug/l	92
55) 1,1,2-Trichloroethane	10.55	97	44804	18.246	ug/l	98
56) Ethyl methacrylate	10.42	69	64771	17.263	ug/l	89
57) 1,3-Dichloropropane	10.70	76	72916	18.704	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	96658	85.528	ug/l #	89
59) 2-Hexanone	10.74	43	193999	85.797	ug/l	94
60) Dibromochloromethane	10.89	129	52144	18.648	ug/l	99
61) 1,2-Dibromoethane	10.99	107	47376	18.408	ug/l	99
64) Tetrachloroethene	10.62	164	51380	18.685	ug/l	95
65) Chlorobenzene	11.43	112	122379	18.454	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	48084	18.765	ug/l	98
67) Ethyl Benzene	11.50	91	216342	17.971	ug/l	96
68) m/p-Xylenes	11.61	106	163293	35.909	ug/l	95
69) o-Xylene	11.94	106	80534	18.090	ug/l	94
70) Styrene	11.96	104	129226	17.347	ug/l	96
71) Bromoform	12.12	173	38333	18.676	ug/l #	98
73) Isopropylbenzene	12.24	105	214648	18.058	ug/l	98
74) N-amyl acetate	12.06	43	75418	16.351	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	61109	17.734	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	57087m	20.930	ug/l	
77) Bromobenzene	12.52	156	74226	24.659	ug/l	54
78) n-propylbenzene	12.59	91	239066	17.919	ug/l	98
79) 2-Chlorotoluene	12.67	91	143141	18.035	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	180193	18.025	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	22116	17.413	ug/l	96
82) 4-Chlorotoluene	12.77	91	142182	17.860	ug/l	95
83) tert-Butylbenzene	12.99	119	157103	18.171	ug/l	94
84) 1,2,4-Trimethylbenzene	13.03	105	178858	18.085	ug/l	99
85) sec-Butylbenzene	13.17	105	202054	17.788	ug/l	98
86) p-Isopropyltoluene	13.28	119	185028	17.604	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	96090	18.377	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	93108	17.850	ug/l	97
89) n-Butylbenzene	13.61	91	158718	17.710	ug/l	98
90) Hexachloroethane	13.87	117	34638	17.614	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	94509	18.283	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.26	75	12918	16.047	ug/l	79

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	57009	18.354	ug/l	98
94) Hexachlorobutadiene	15.01	225	31462	18.381	ug/l	99
95) Naphthalene	15.13	128	189548	21.455	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	55470	18.347	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: VN059895.D

Acq: 28 Jan 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0128WBSD01

Tot Ion:168 Resp: 241248

Ion Ratio Lower Upper

168 100

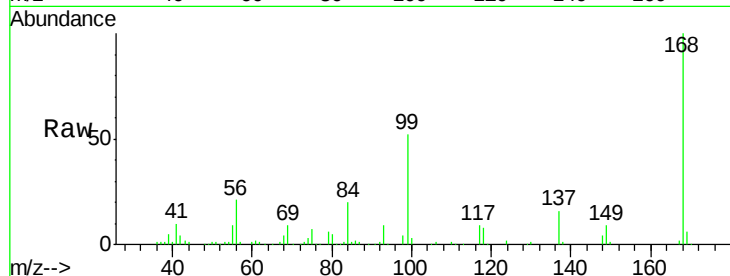
99 52.2 48.2 72.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

120000

100000

80000

60000

40000

20000

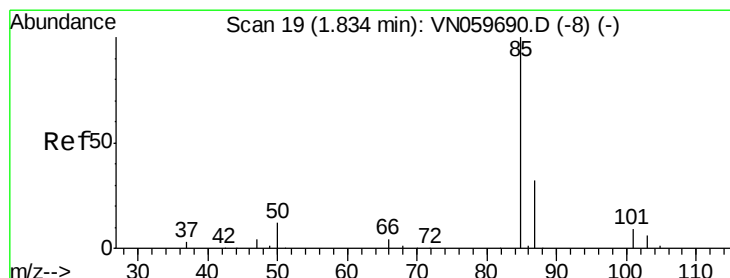
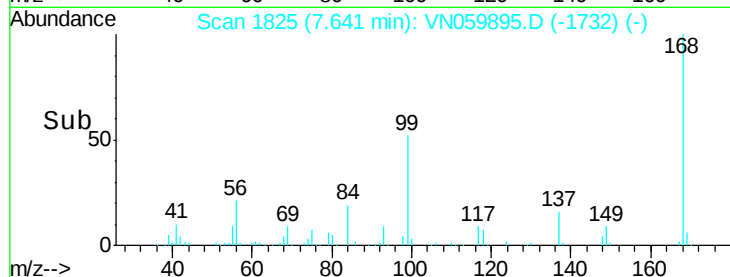
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 16.435 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059895.D

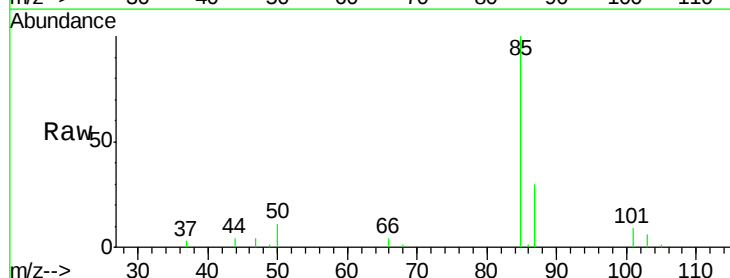
Acq: 28 Jan 2020 14:19

Tgt Ion: 85 Resp: 47746

Ion Ratio Lower Upper

85 100

87 30.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

40000

30000

20000

10000

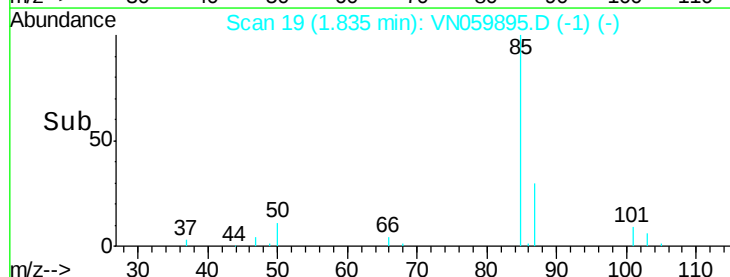
0

1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 15.876 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0128WBSD01

Tot Ion: 50 Resp: 43849

Ion Ratio Lower Upper

50 100

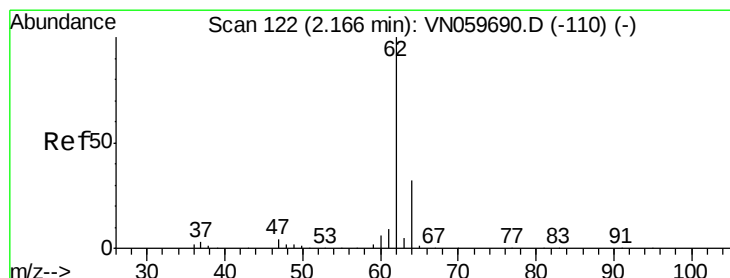
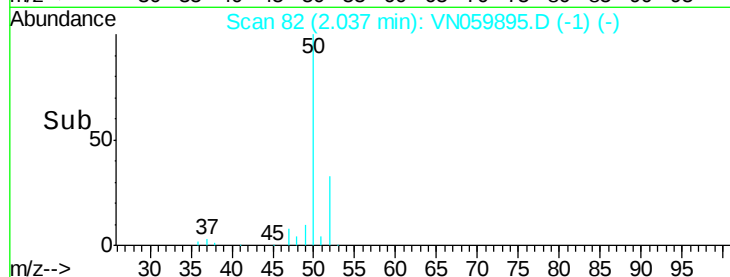
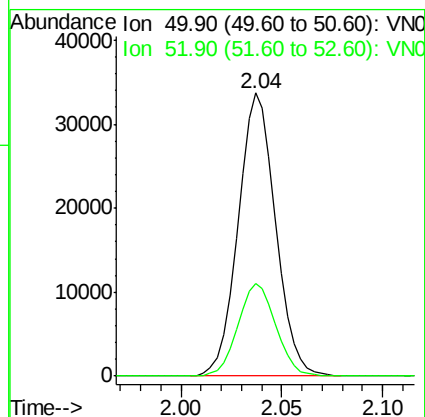
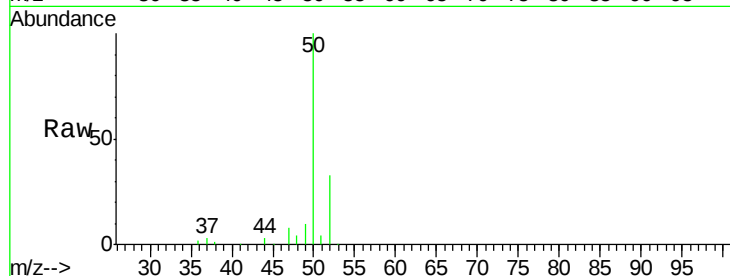
52 32.7 25.9 38.9

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#4

Vinyl Chloride

Concen: 18.106 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059895.D

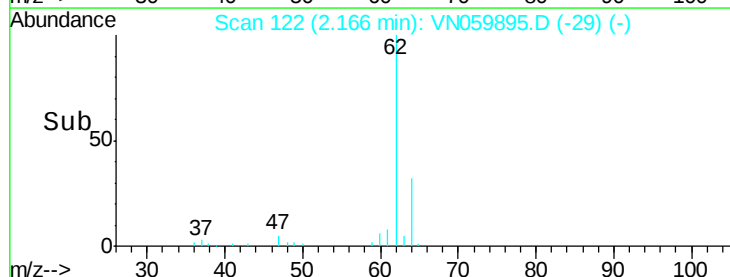
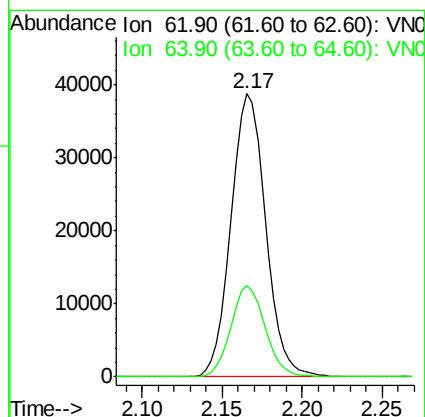
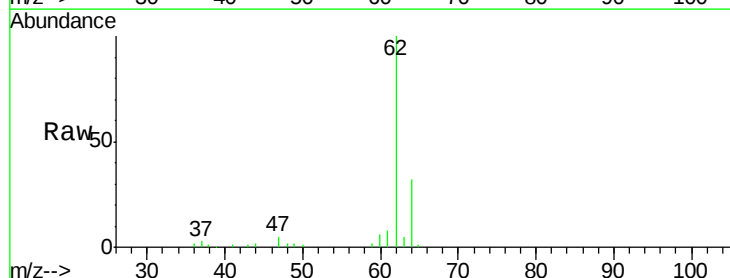
Acq: 28 Jan 2020 14:19

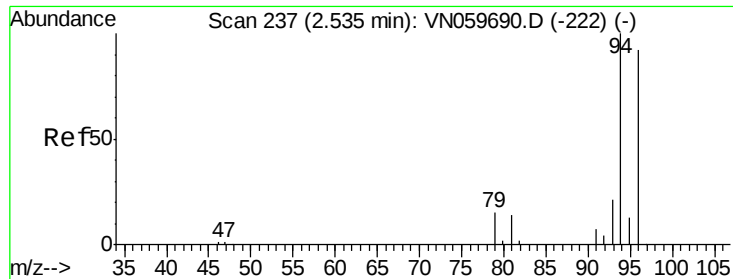
Tgt Ion: 62 Resp: 57217

Ion Ratio Lower Upper

62 100

64 32.2 24.6 37.0





#5

Bromomethane

Concen: 18.432 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.01 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

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ClientSampleId :

VN0128WBSD01

Tot Ion: 94 Resp: 35548

Ion Ratio Lower Upper

94 100

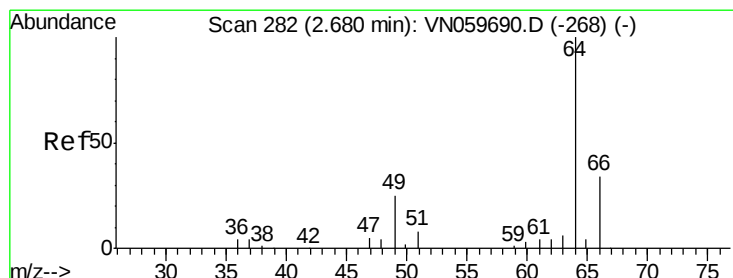
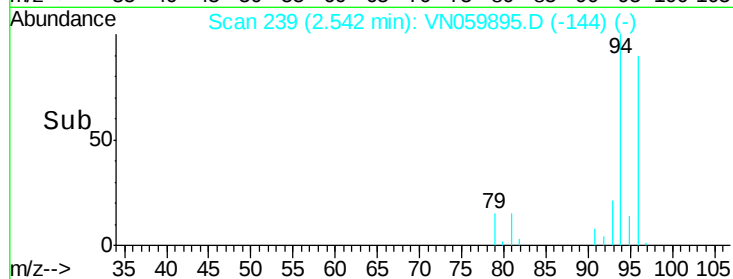
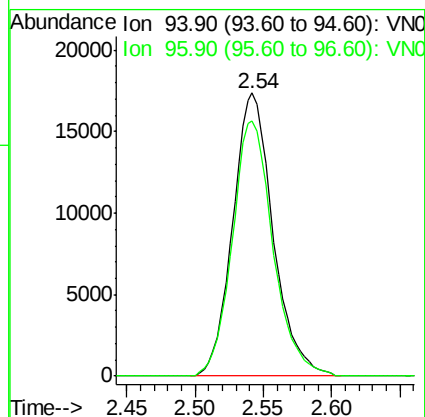
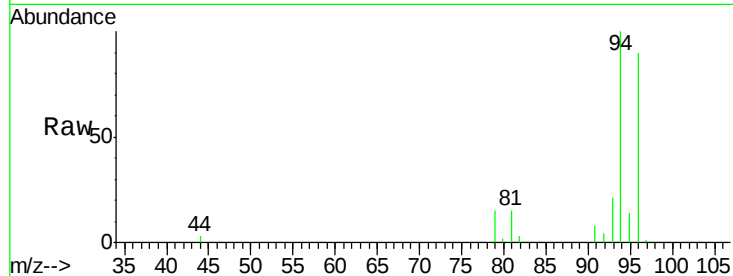
96 90.0 74.7 112.1

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#6

Chloroethane

Concen: 17.475 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059895.D

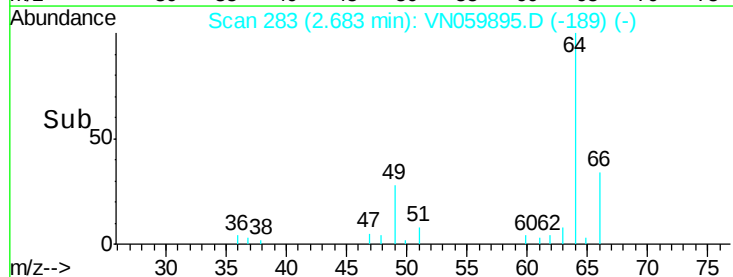
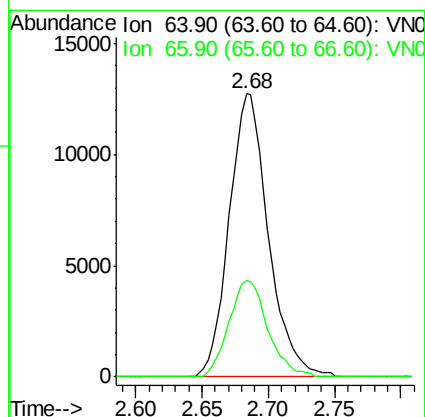
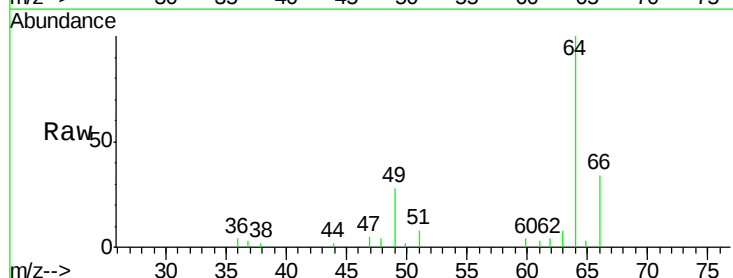
Acq: 28 Jan 2020 14:19

Tgt Ion: 64 Resp: 26127

Ion Ratio Lower Upper

64 100

66 34.1 25.1 37.7





#7

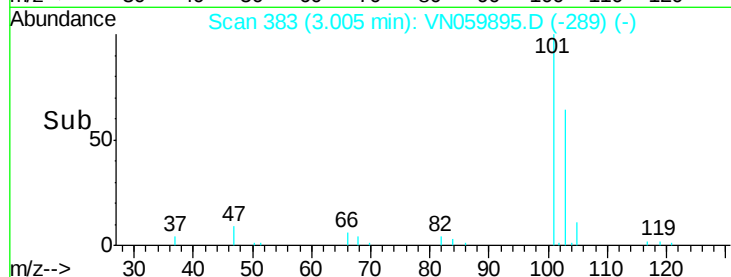
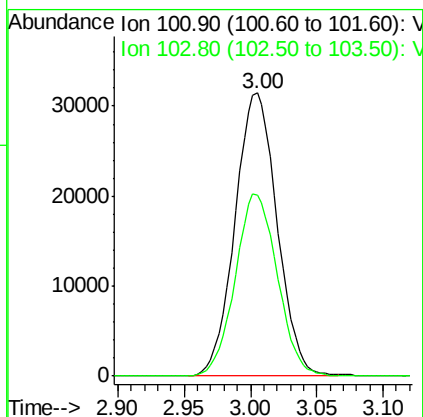
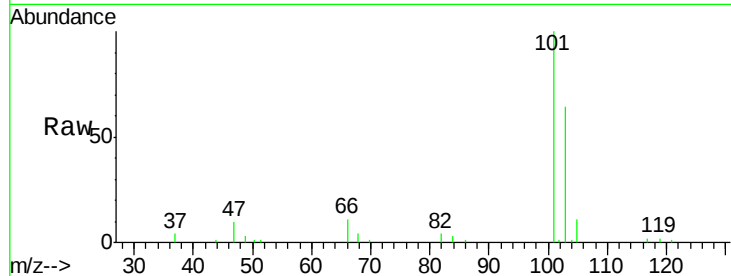
Trichlorofluoromethane
Concen: 18.301 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Instrument :
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ClientSampleId :
VN0128WBSD01

Tot Ion:101 Resp: 69455
Ion Ratio Lower Upper
101 100
103 64.1 51.0 76.6

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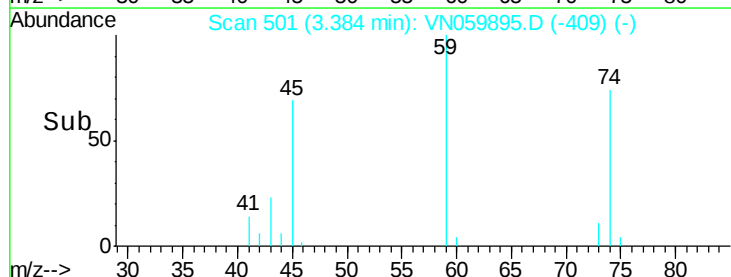
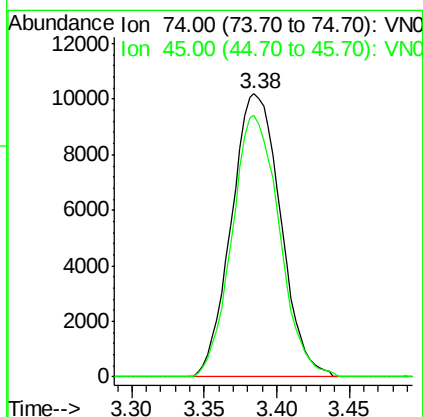
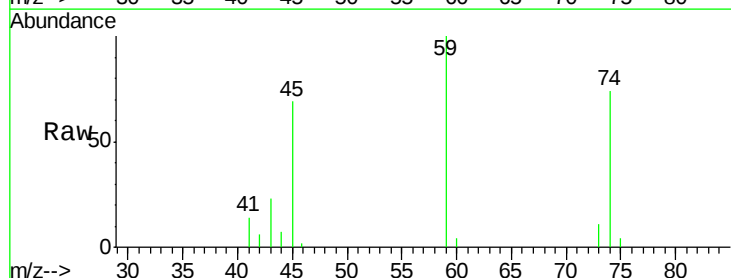
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#8

Diethyl Ether
Concen: 17.992 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion: 74 Resp: 23963
Ion Ratio Lower Upper
74 100
45 89.2 51.9 155.8





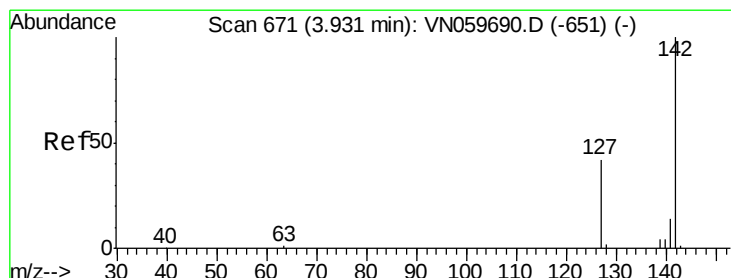
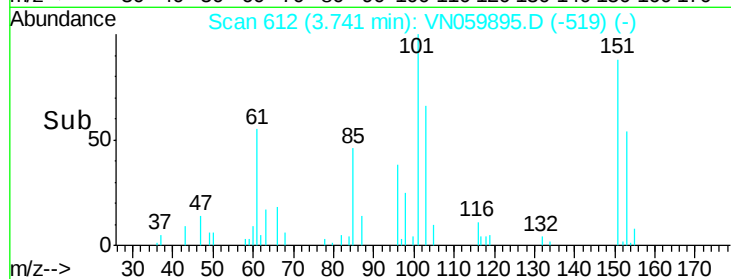
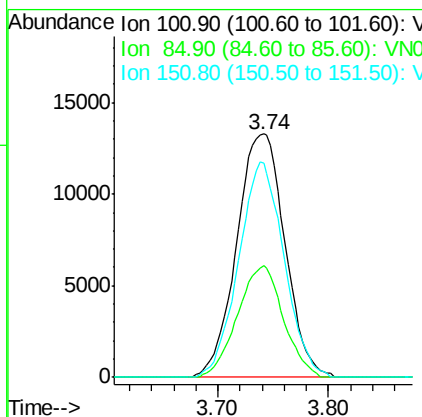
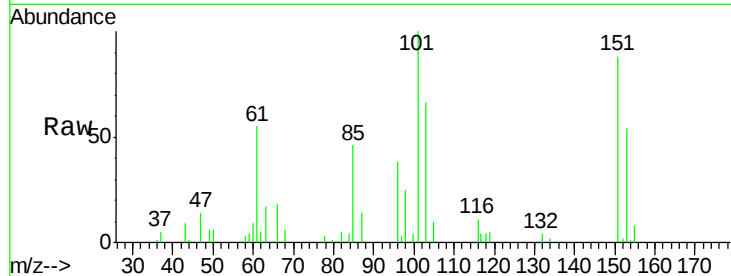
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.052 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN059895.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	40243		
85	43.6		36.6	54.8
151	83.3		59.7	89.5

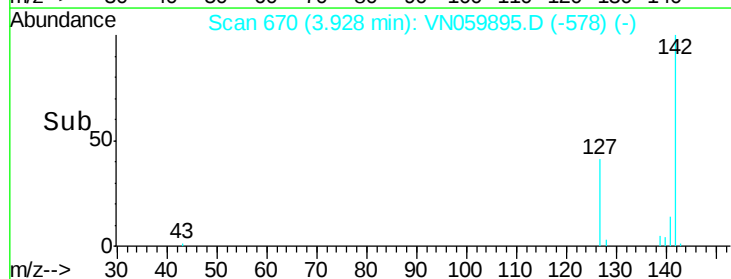
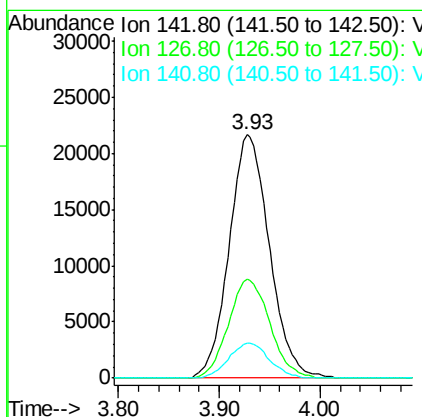
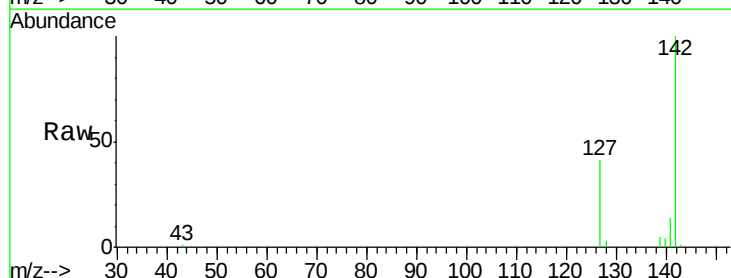
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#10
Methyl Iodide
Concen: 17.590 ug/l
RT: 3.93 min Scan# 670
Delta R.T. -0.00 min
Lab File: VN059895.D
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Tgt Ion	Ratio	Resp	Lower	Upper
142	100	60058		
127	41.7		36.7	55.1
141	14.4		11.7	17.5





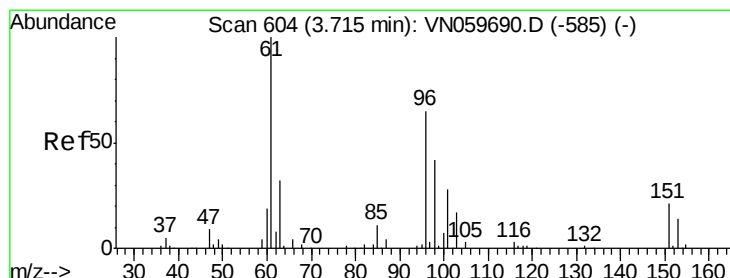
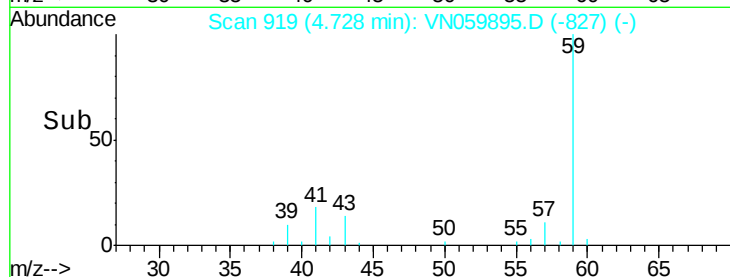
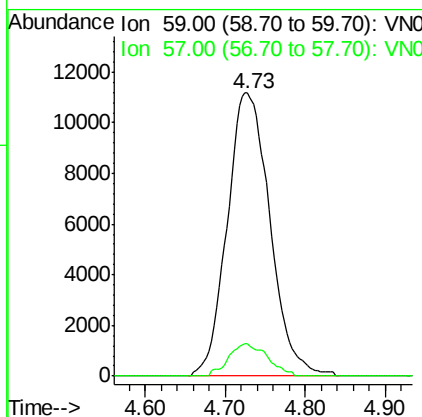
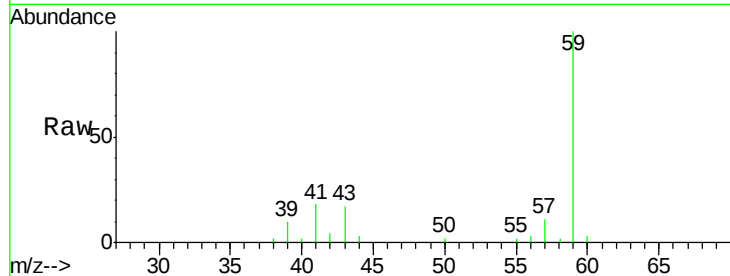
#11
Tert butyl alcohol
Concen: 90.225 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.6	12.8

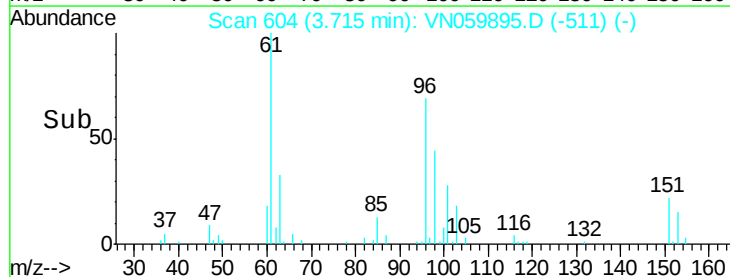
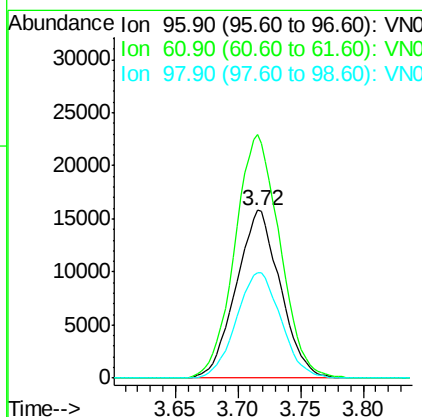
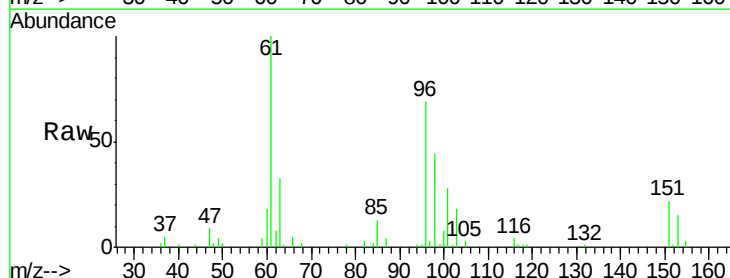
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#12
1,1-Dichloroethene
Concen: 17.552 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.9	137.5	206.3
98	63.1	50.2	75.4





#13

Acrolein

Concen: 61.225 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0128WBSD01

Tot Ion: 56 Resp: 19547

Ion Ratio Lower Upper

56 100

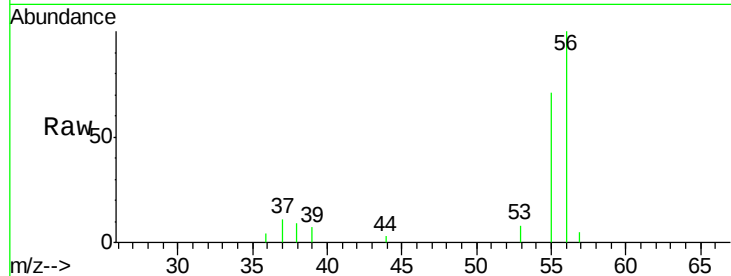
55 71.0 58.6 88.0

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

8000

6000

4000

2000

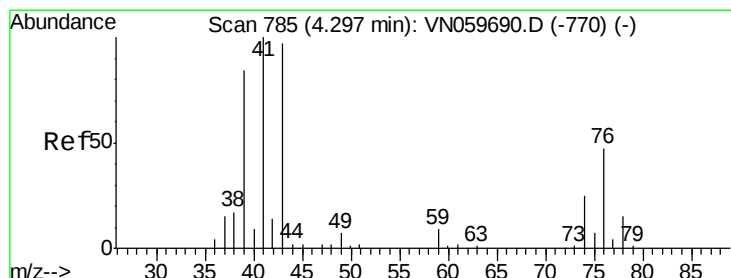
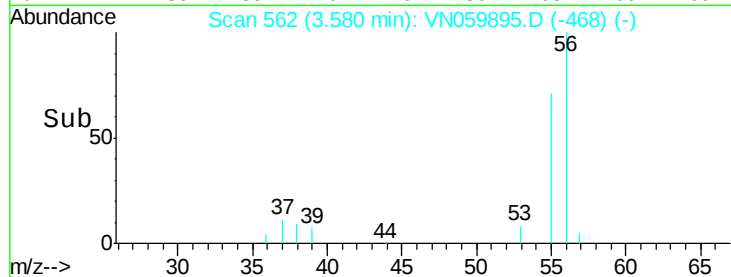
0

3.50

3.60

3.70

Time-->



#14

Allyl chloride

Concen: 17.660 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

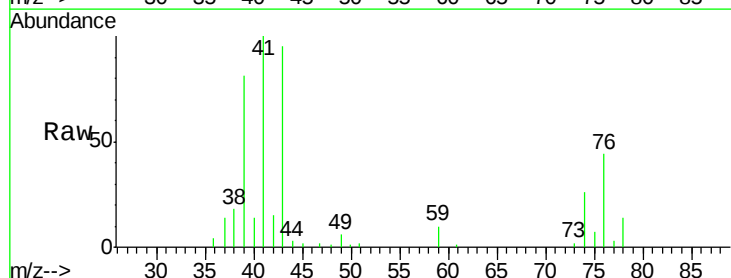
Tgt Ion: 41 Resp: 52537

Ion Ratio Lower Upper

41 100

39 81.8 57.8 86.8

76 43.4 25.4 38.0#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

25000

20000

15000

10000

5000

0

4.20

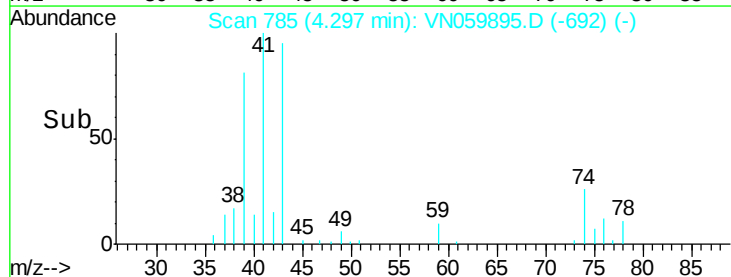
4.25

4.30

4.35

4.40

Time-->





#15

Acrylonitrile

Concen: 92.405 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Instrument :

MSVOA_N

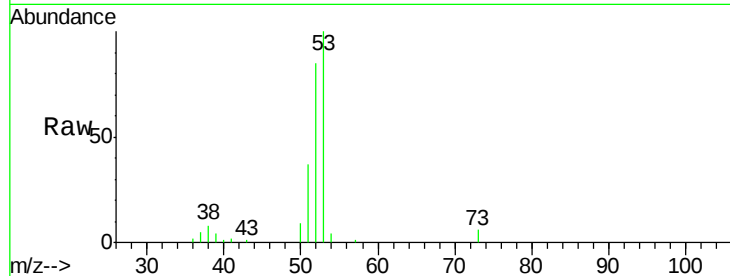
ClientSampleId :

VN0128WBSD01

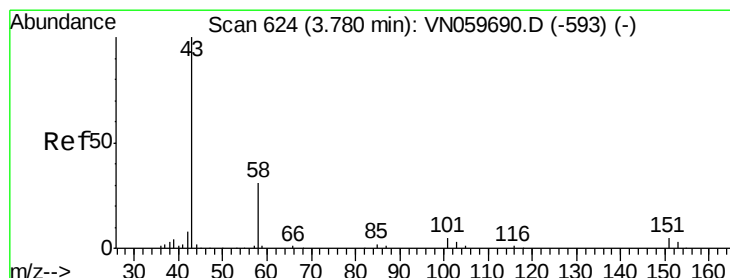
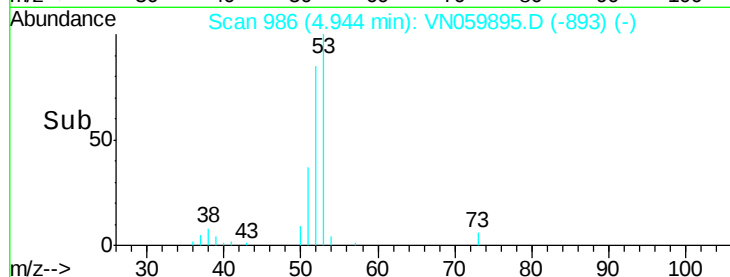
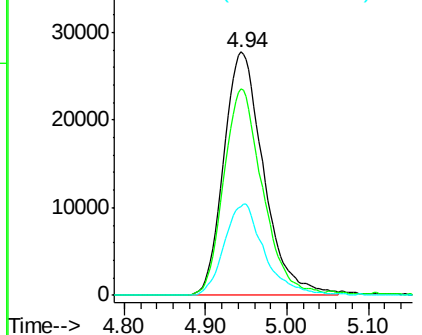
Tot Ion:	53	Resp:	95066
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.3	99.5
51	37.6	29.7	44.5

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Abundance Ion 53.00 (52.70 to 53.70): VN059895.D (-964) (-)



#16

Acetone

Concen: 92.251 ug/l

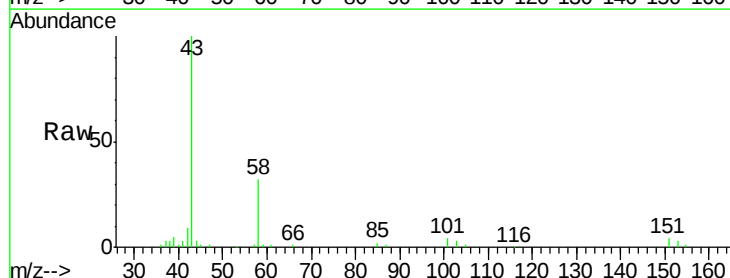
RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

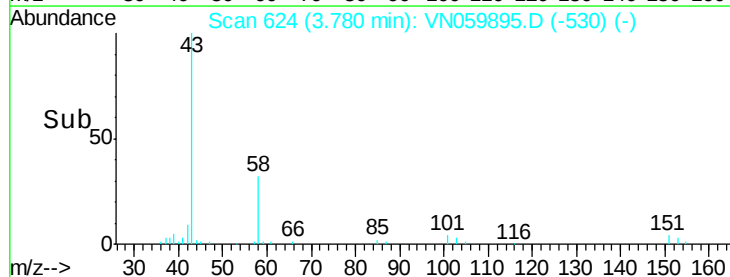
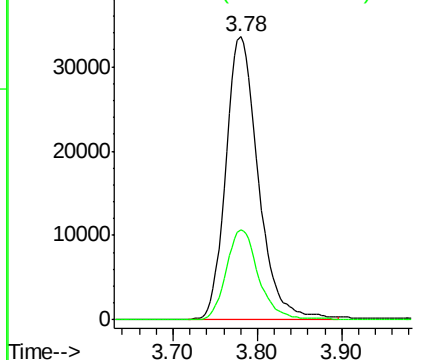
Lab File: VN059895.D

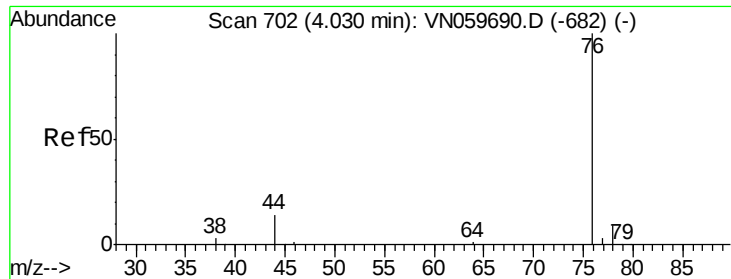
Acq: 28 Jan 2020 14:19

Tgt Ion:	43	Resp:	90068
Ion	Ratio	Lower	Upper
43	100		
58	31.8	23.6	35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059895.D (-530) (-)





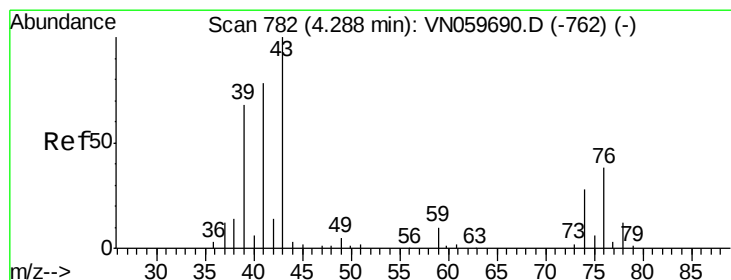
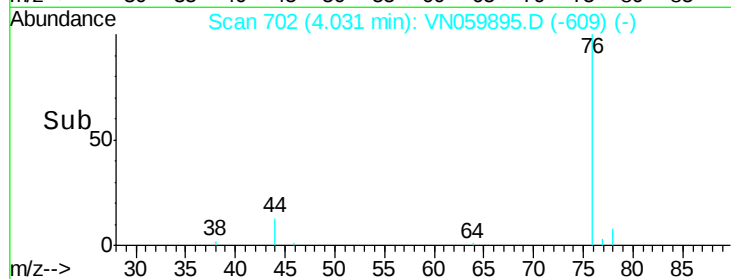
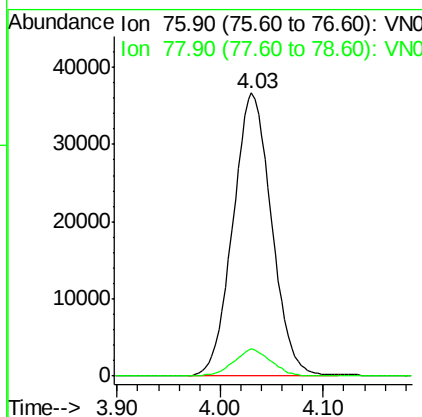
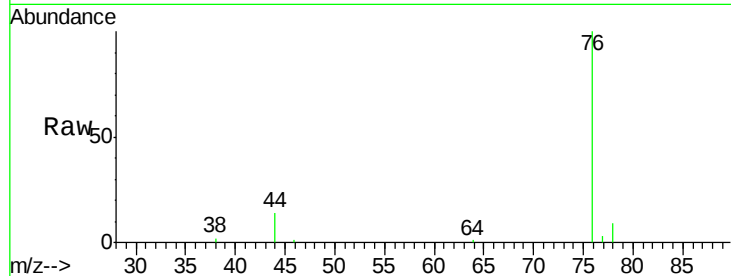
#17
Carbon Disulfide
Concen: 15.182 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBSD01

Tot Ion: 76 Resp: 95459
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

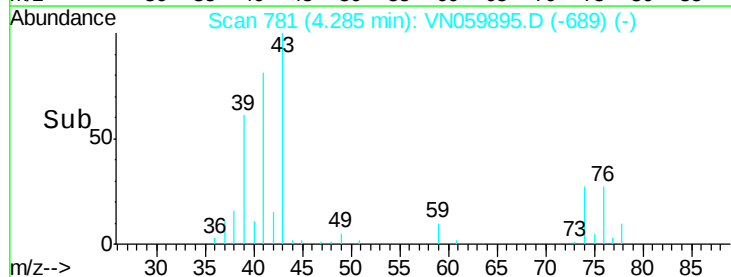
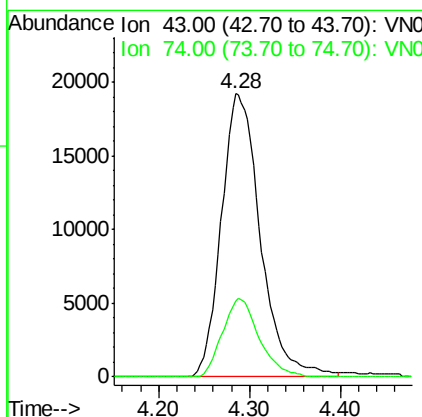
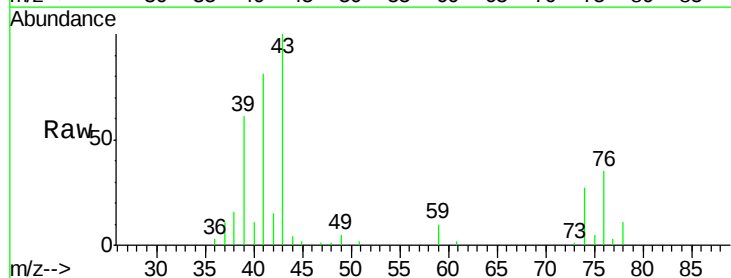
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#18
Methyl Acetate
Concen: 18.272 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion: 43 Resp: 57181
Ion Ratio Lower Upper
43 100
74 26.1 17.5 26.3





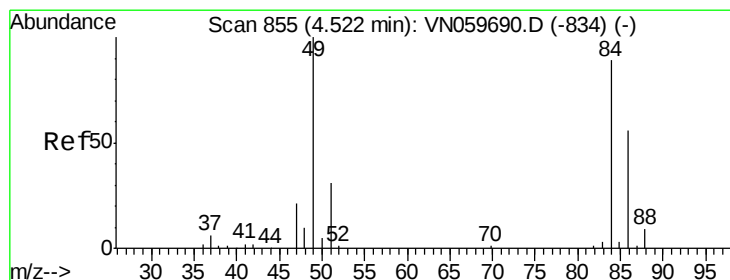
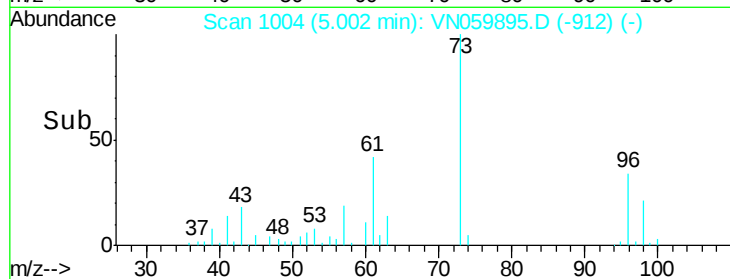
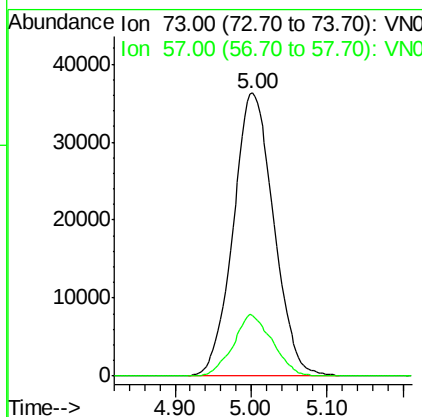
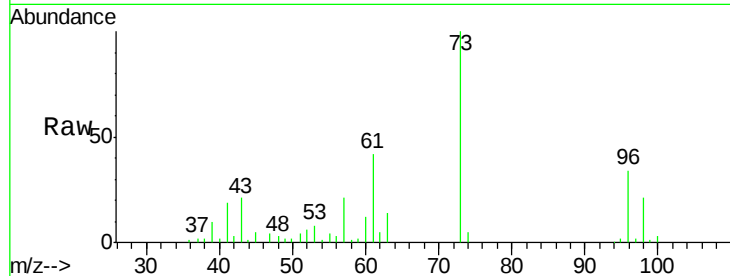
#19
Methyl tert-butyl Ether
Concen: 18.624 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Instrument :
MSVOA_N
ClientSampled :
VN0128WBSD01

Tot Ion: 73 Resp: 134021
Ion Ratio Lower Upper
73 100
57 21.5 18.6 27.8

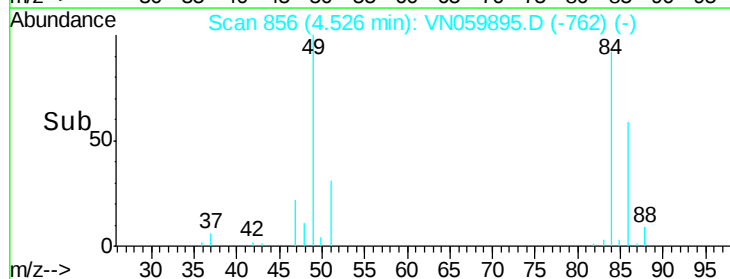
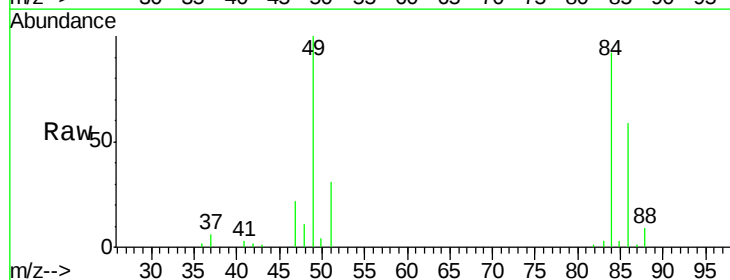
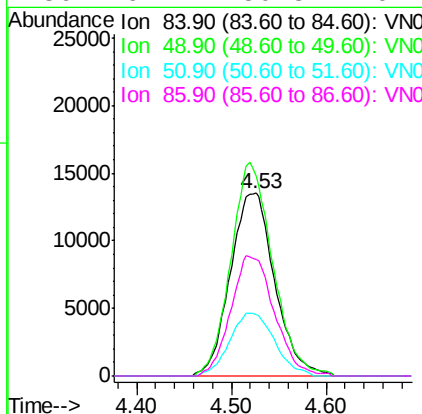
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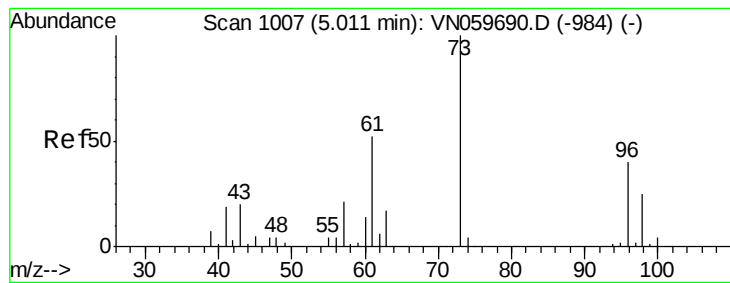
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#20
Methylene Chloride
Concen: 17.365 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion: 84 Resp: 44137
Ion Ratio Lower Upper
84 100
49 109.2 106.6 160.0
51 34.0 31.9 47.9
86 64.1 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 17.578 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0128WBSD01

Tot Ion: 96 Resp: 41241

Ion Ratio Lower Upper

96 100

61 123.0 120.4 180.6

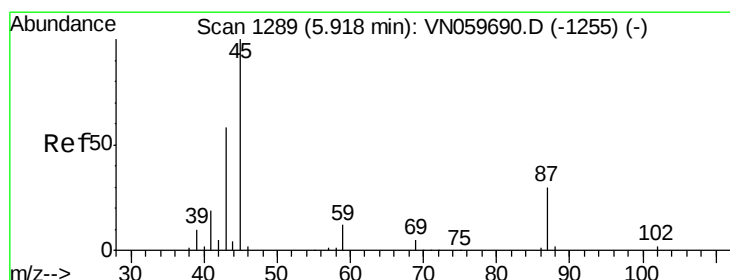
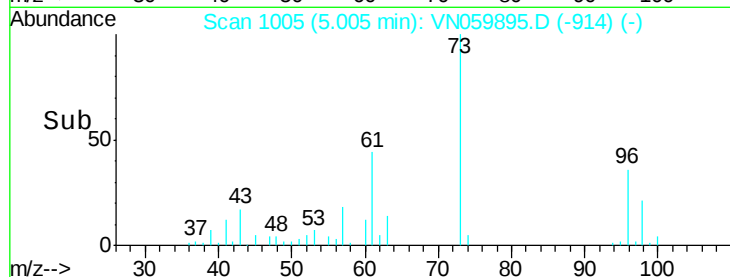
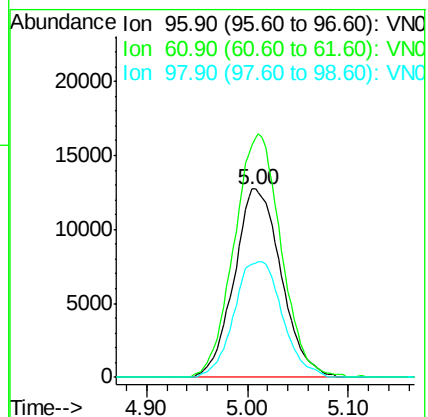
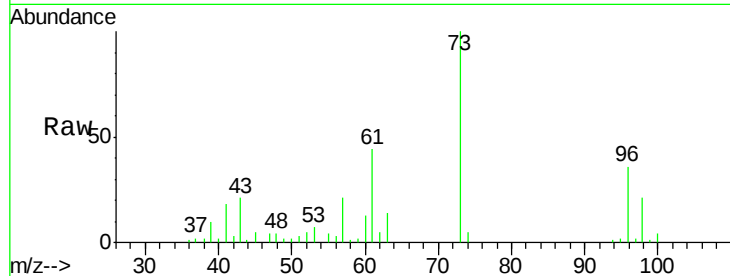
98 59.9 50.6 75.8

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#22

Diisopropyl ether

Concen: 17.930 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Tgt Ion: 45 Resp: 120880

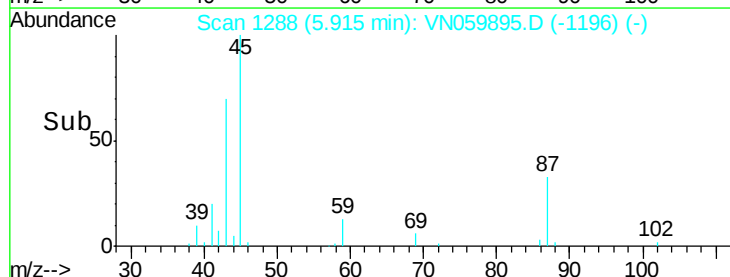
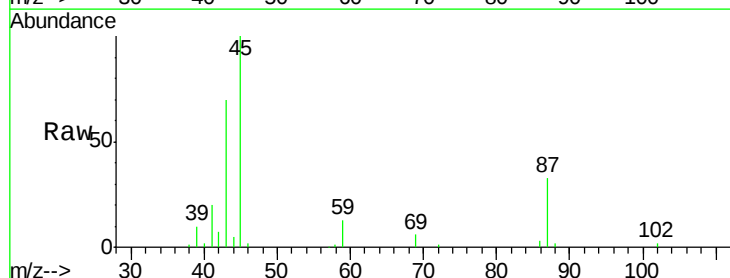
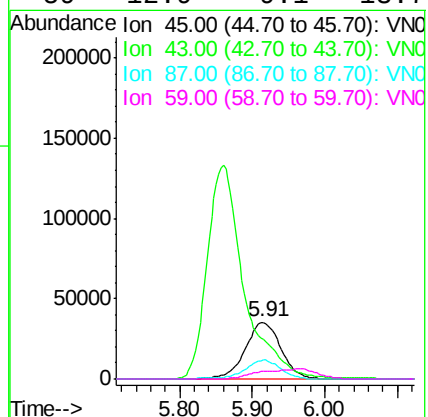
Ion Ratio Lower Upper

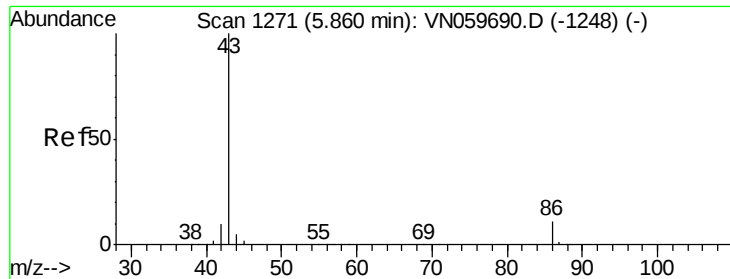
45 100

43 67.8 50.8 76.2

87 33.1 21.0 31.6#

59 12.9 9.1 13.7





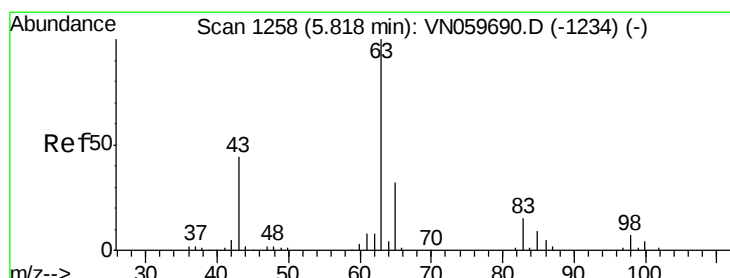
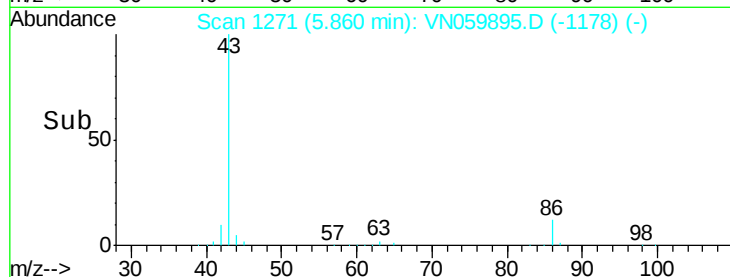
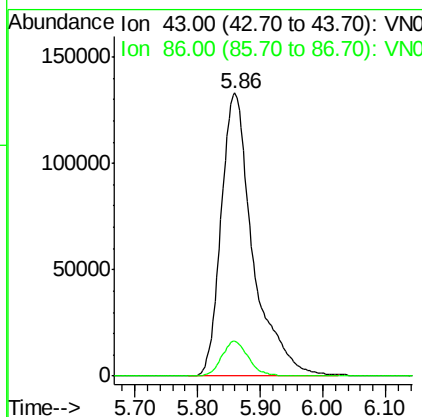
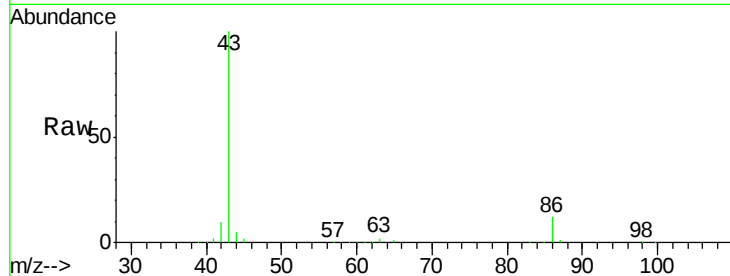
#23
 Vinyl Acetate
 Concen: 89.903 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
86	12.3	7.6	11.4#

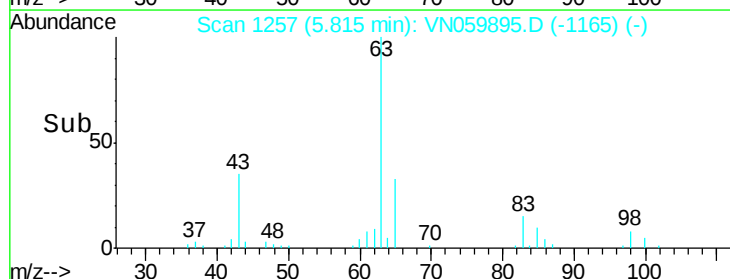
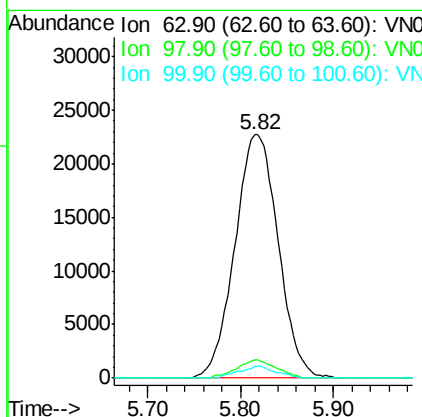
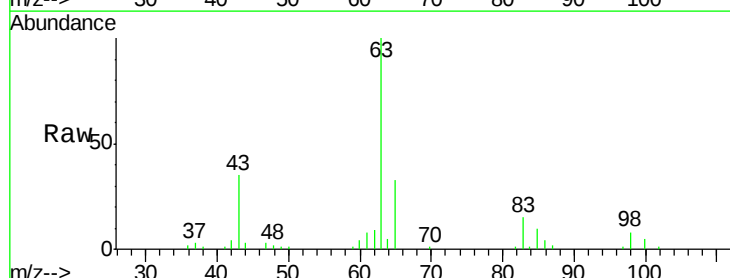
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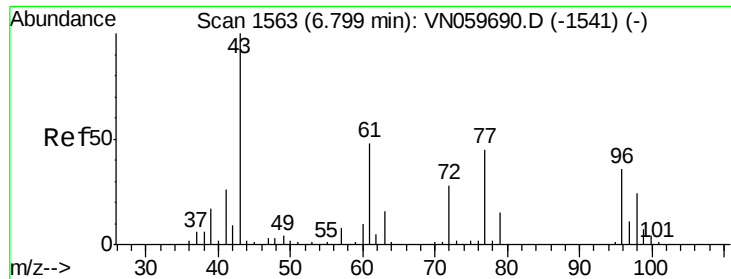
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#24
 1,1-Dichloroethane
 Concen: 17.879 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.7	2.9	8.7
100	4.8	2.0	6.0





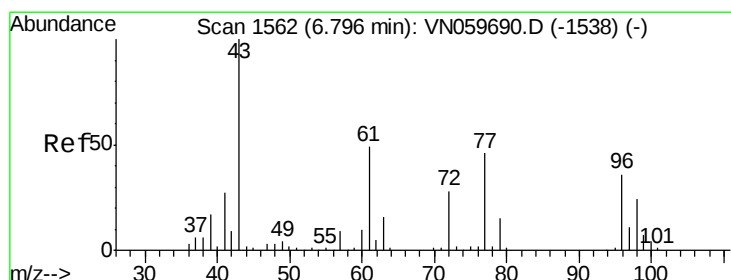
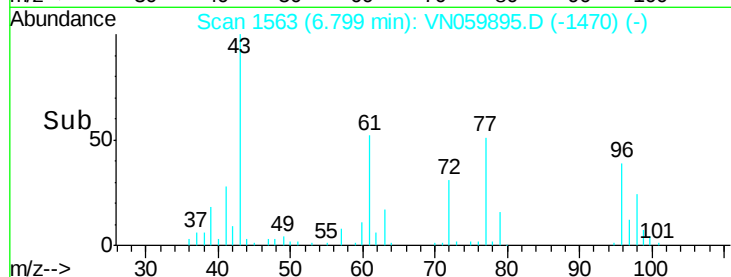
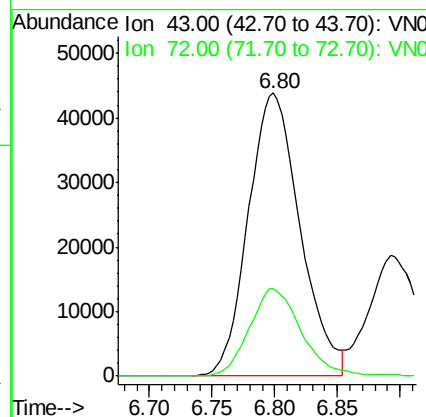
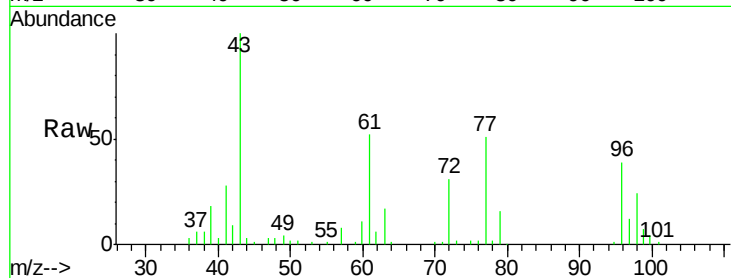
#25
2-Butanone
Concen: 83.151 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBSD01

Tot Ion: 43 Resp: 126154
Ion Ratio Lower Upper
43 100
72 31.0 19.9 29.9#

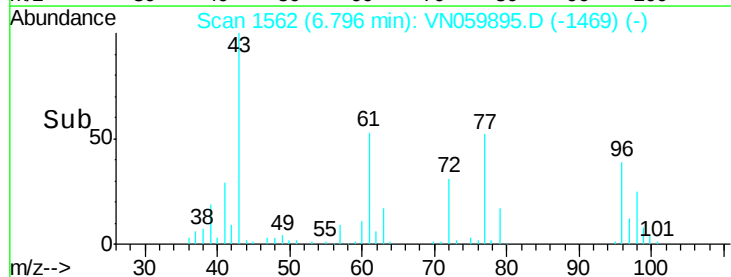
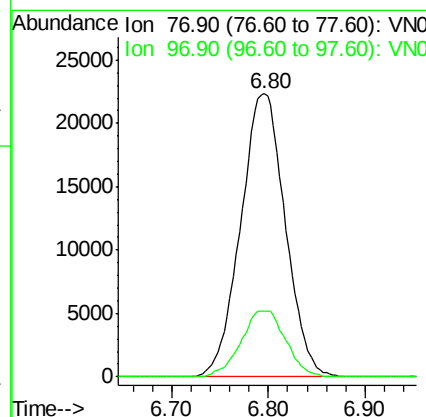
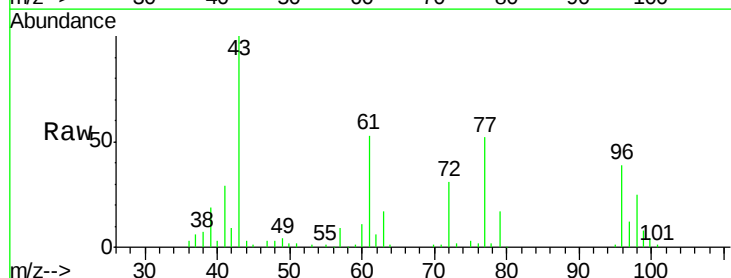
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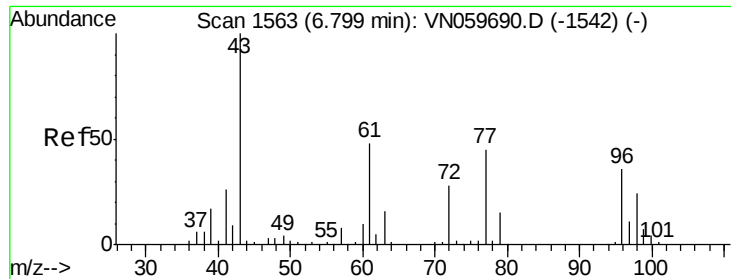
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#26
2,2-Dichloropropane
Concen: 18.066 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion: 77 Resp: 71548
Ion Ratio Lower Upper
77 100
97 23.4 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 18.363 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Instrument :

MSVOA_N

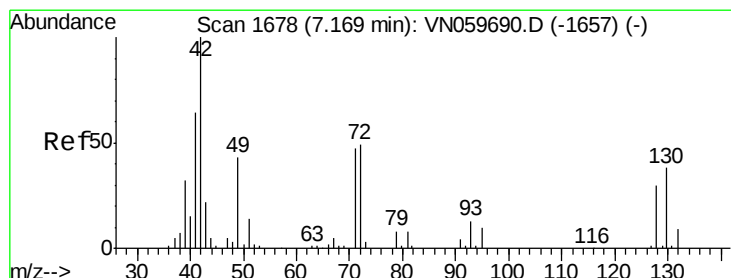
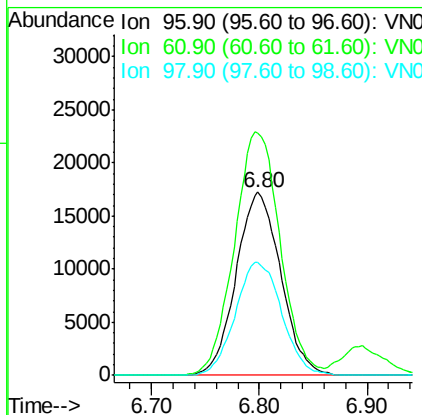
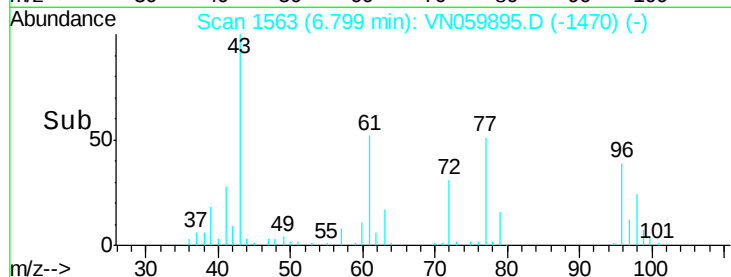
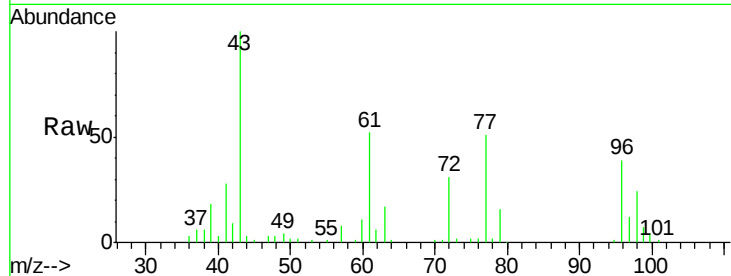
ClientSampleId :

VN0128WBSD01

Tot Ion:	96	Resp:	49554
Ion	Ratio	Lower	Upper
96	100		
61	136.7	0.0	317.6
98	64.3	0.0	127.0

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#28

Bromochloromethane

Concen: 18.364 ug/l

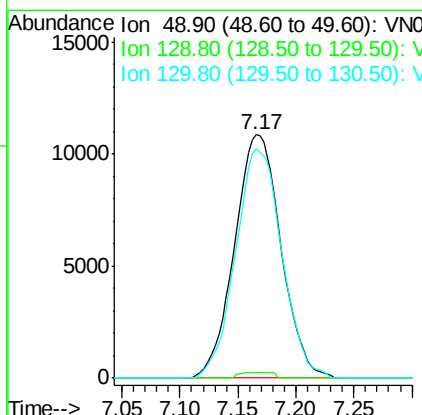
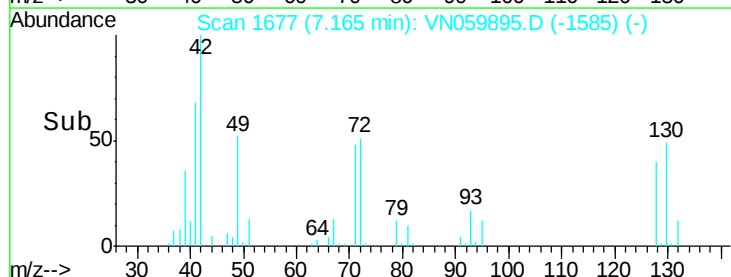
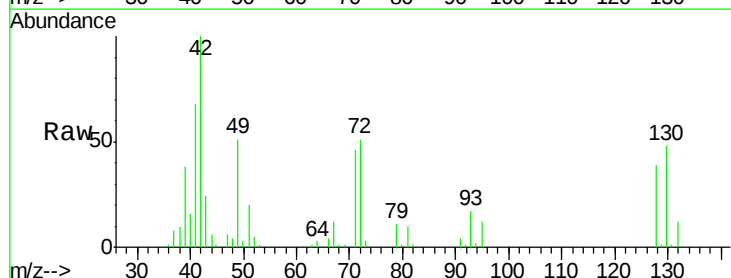
RT: 7.17 min Scan# 1677

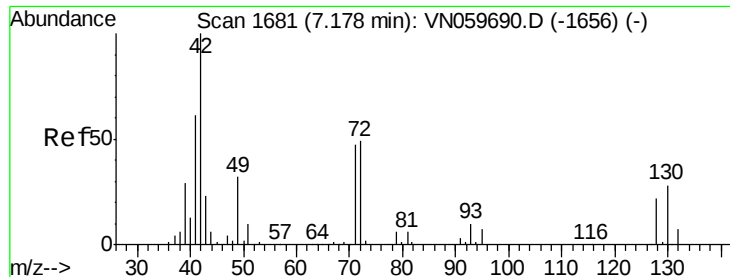
Delta R.T. -0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Tgt Ion:	49	Resp:	30236
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	94.0	54.7	82.1#





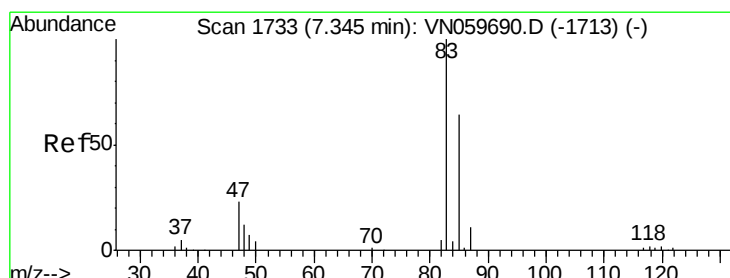
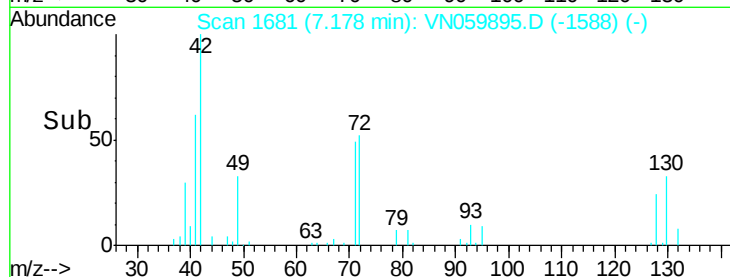
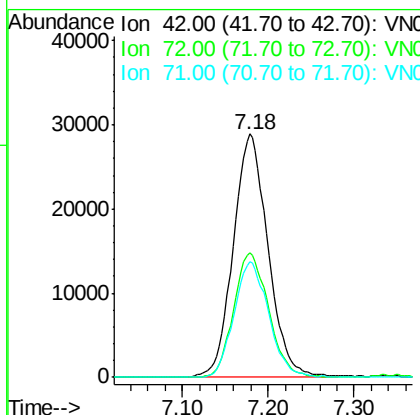
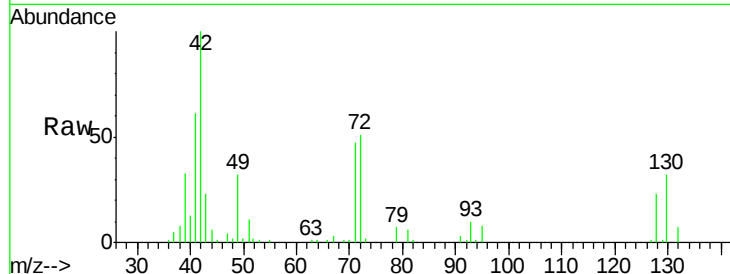
#29
Tetrahydrofuran
Concen: 86.558 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.1	33.1	49.7#
71	47.1	31.4	47.0#

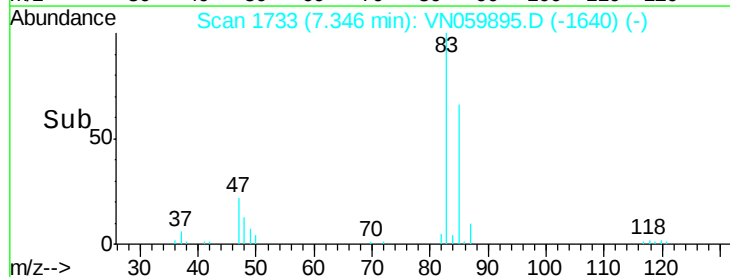
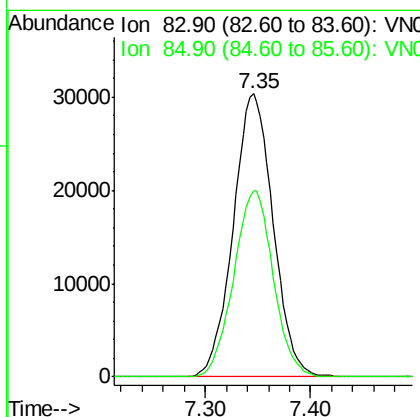
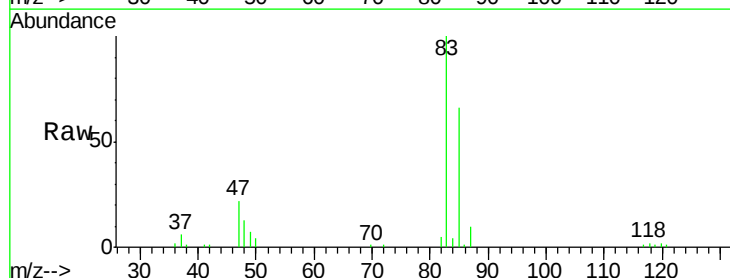
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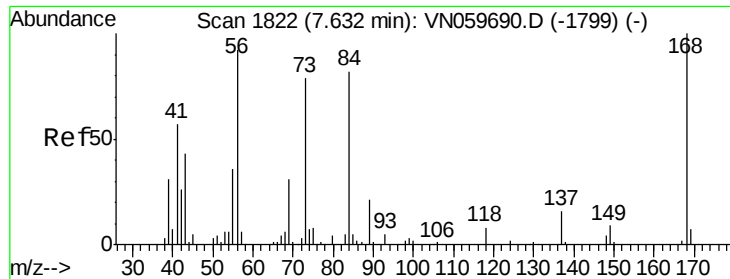
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#30
Chloroform
Concen: 18.650 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.4	78.6





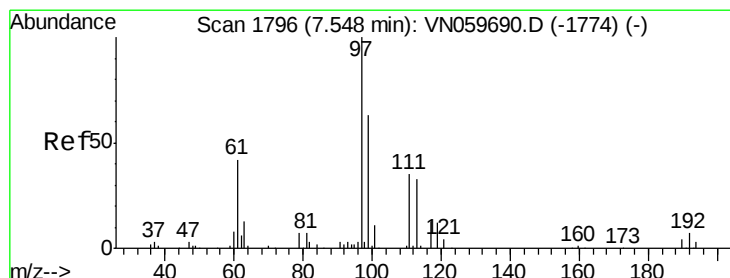
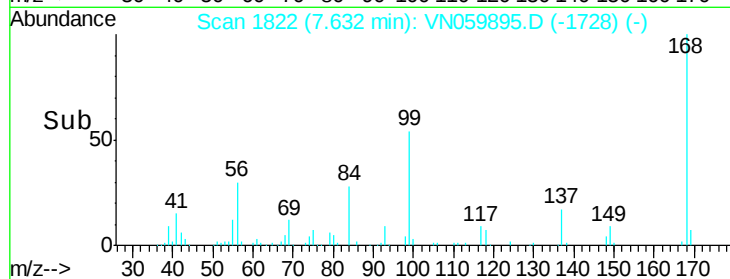
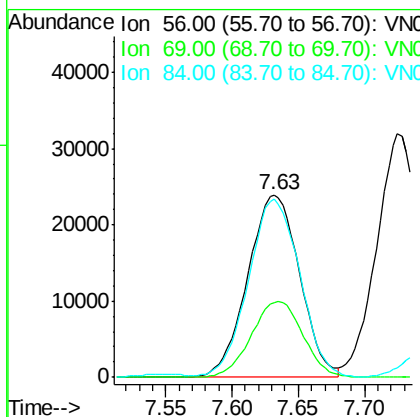
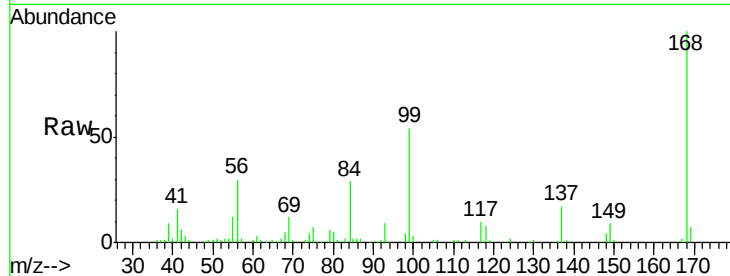
#31
Cyclohexane
Concen: 16.444 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	41.2	26.5	39.7#
84	96.1	65.3	97.9

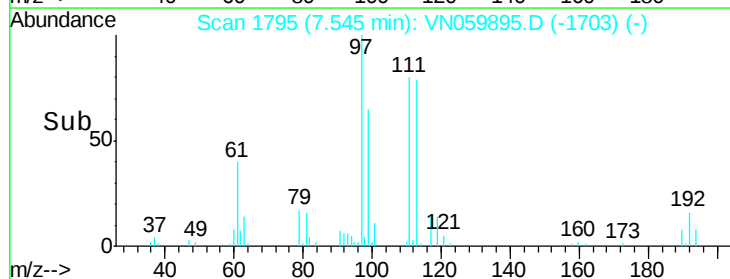
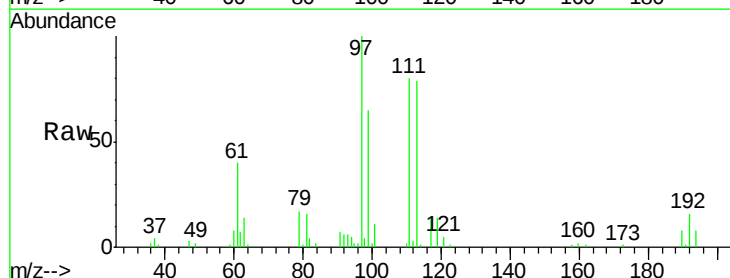
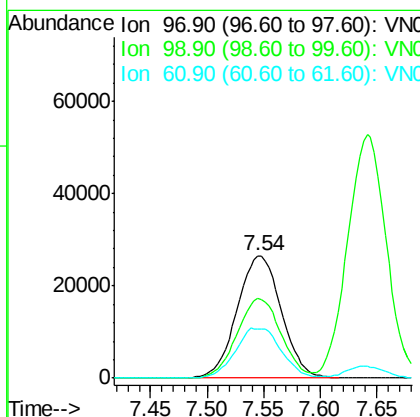
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#32
1,1,1-Trichloroethane
Concen: 18.302 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.0	76.4
61	42.3	38.5	57.7





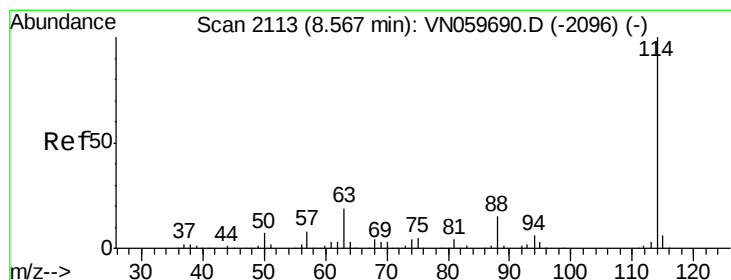
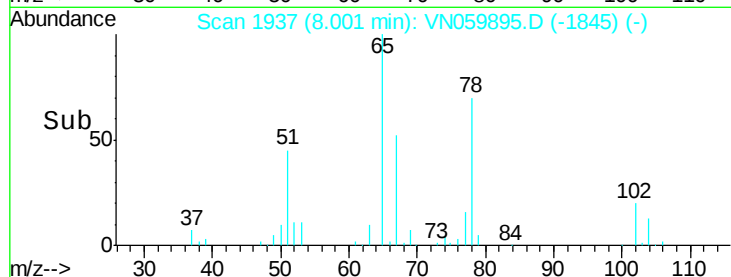
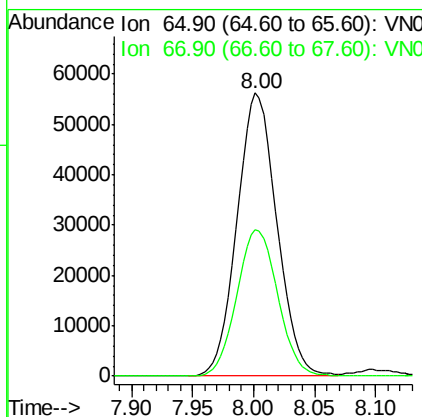
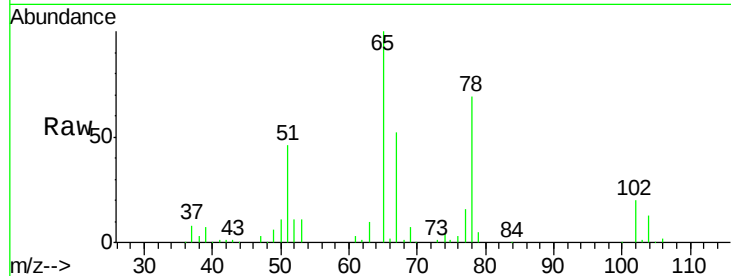
#33
 1,2-Dichloroethane-d4
 Concen: 47.548 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	127387		
67	53.0	0.0	103.0	

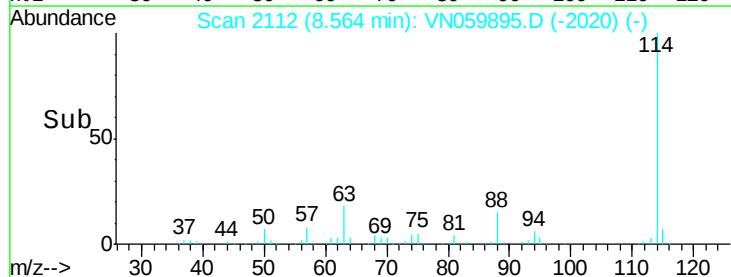
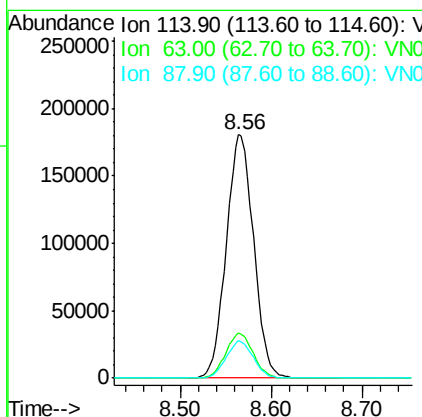
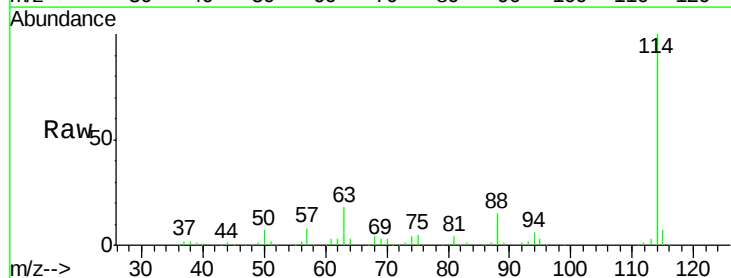
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	377933		
63	18.4	0.0	43.6	
88	15.2	0.0	31.4	





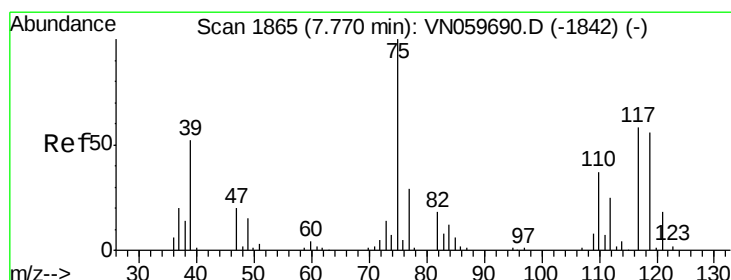
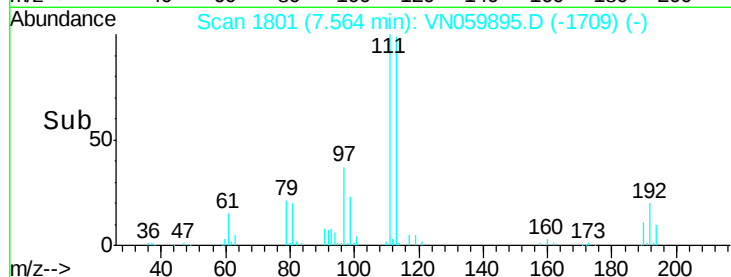
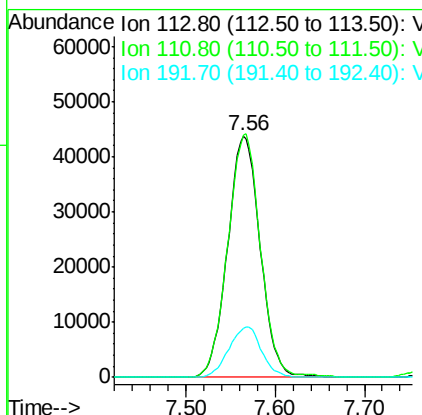
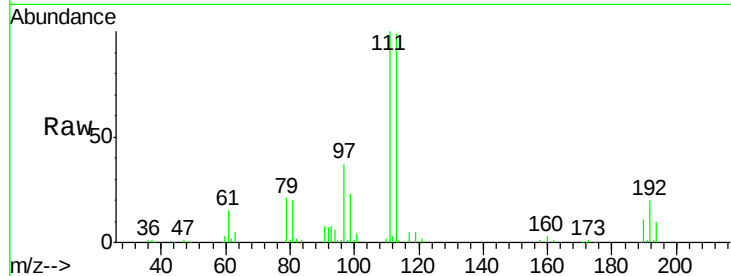
#35
Dibromofluoromethane
Concen: 49.124 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	110715		
111	100.4	83.5	125.3	
192	20.8	15.4	23.2	

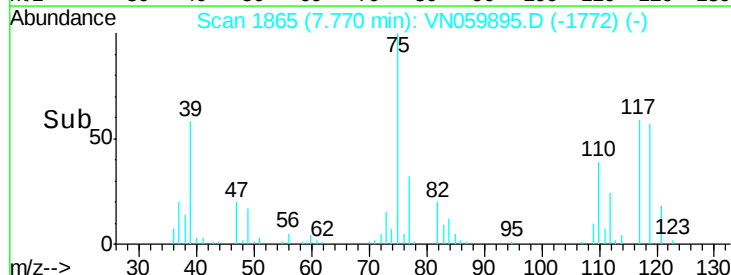
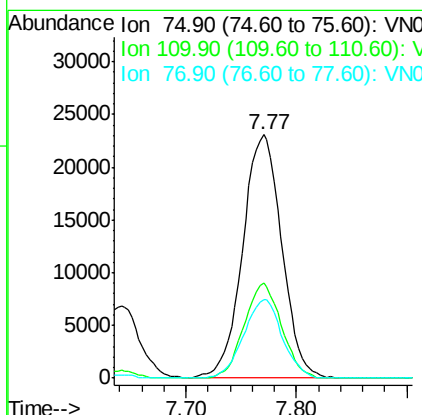
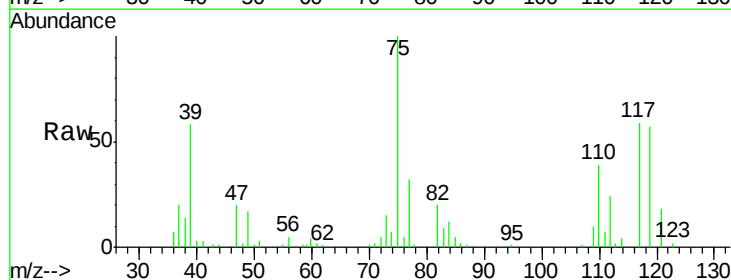
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#36
1,1-Dichloropropene
Concen: 17.231 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	56709		
110	37.3	16.6	49.7	
77	31.9	25.1	37.7	





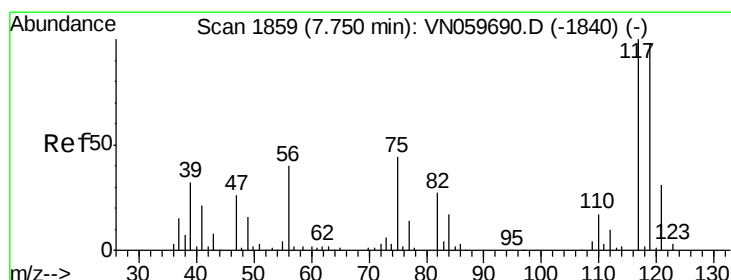
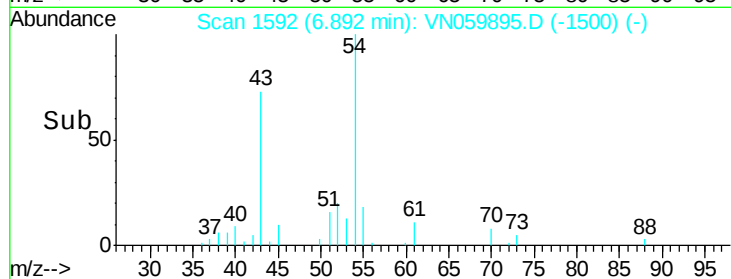
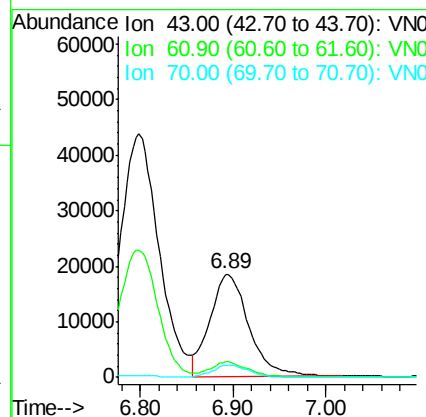
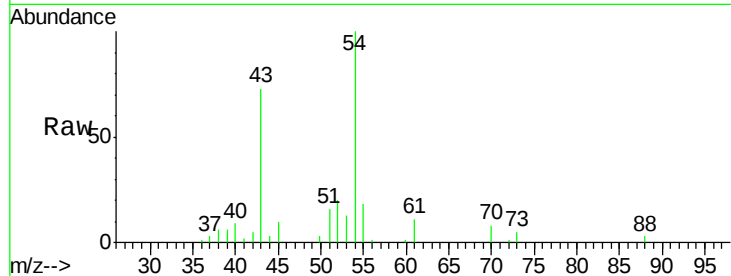
#37
Ethyl Acetate
Concen: 17.300 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Instrument :
MSVOA_N
ClientSampled :
VN0128WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.9	16.3
70	10.9	7.7	11.5

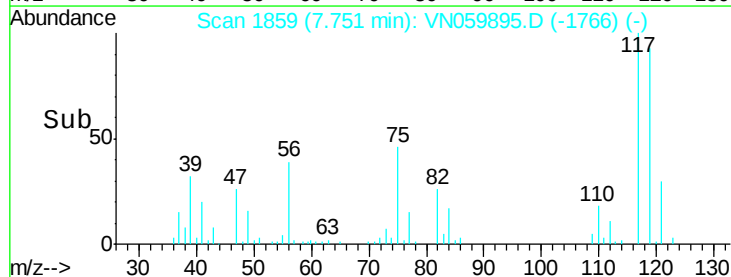
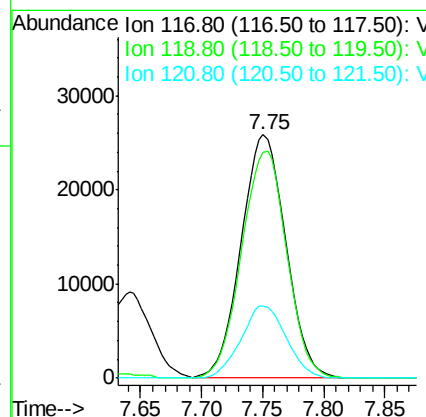
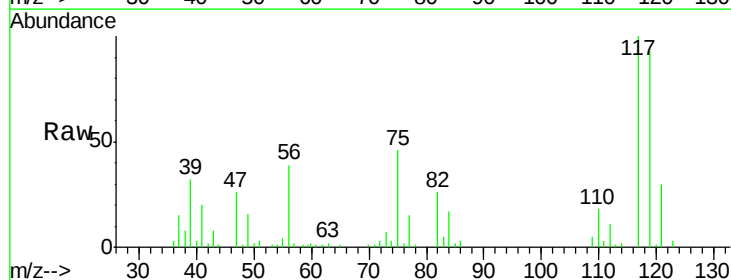
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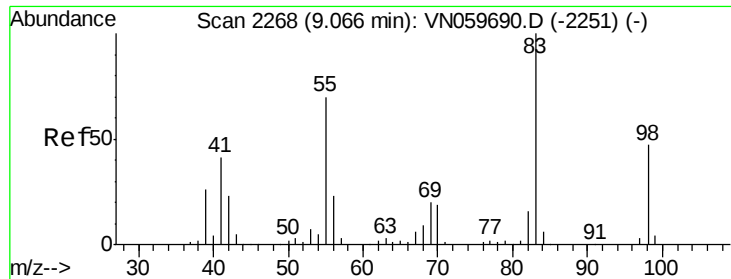
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#38
Carbon Tetrachloride
Concen: 18.331 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	76.5	114.7
121	29.8	25.1	37.7





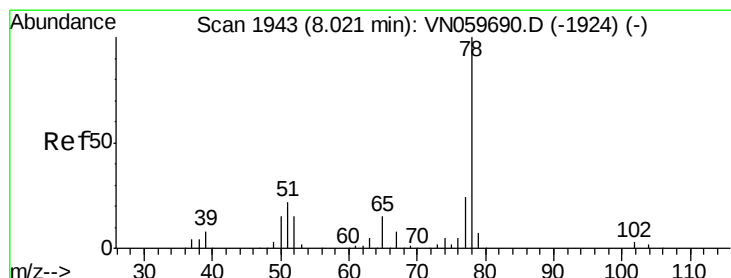
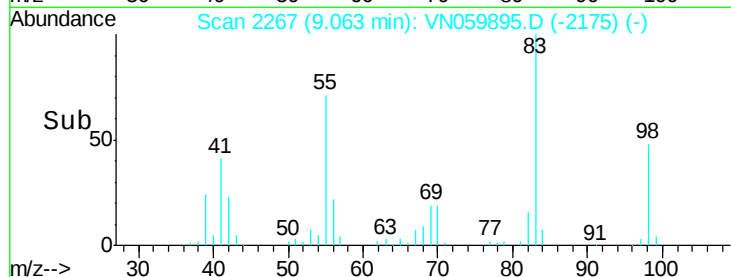
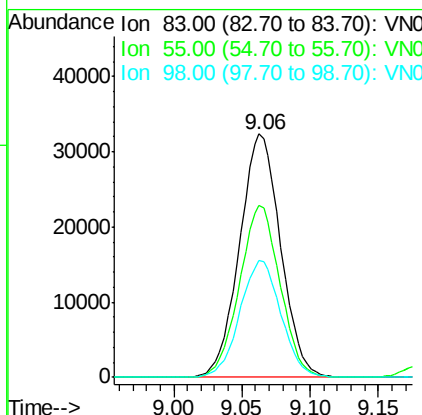
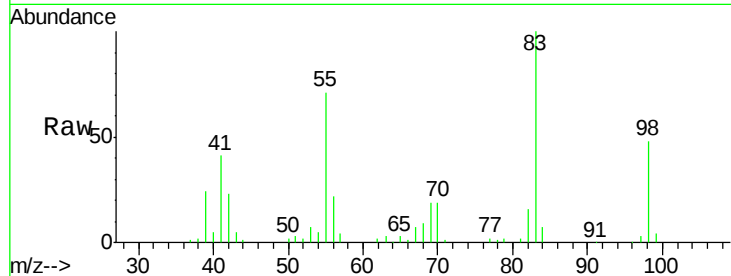
#39
Methvlcvclohexane
Concen: 16.645 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.7	64.2	96.2
98	47.9	35.9	53.9

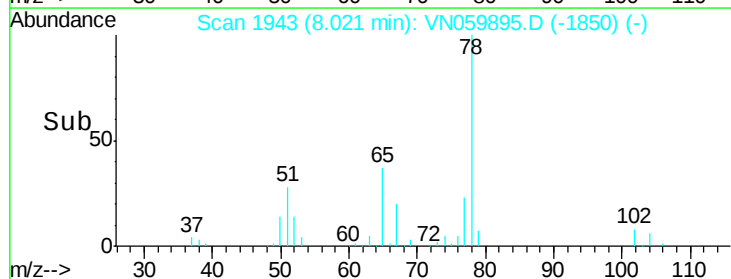
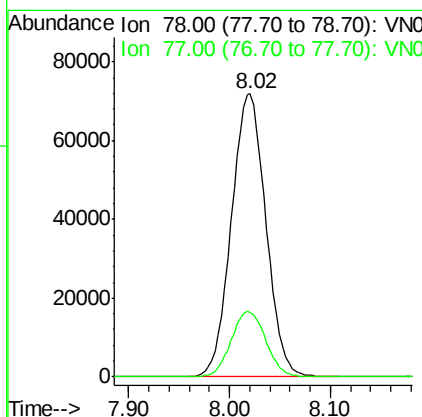
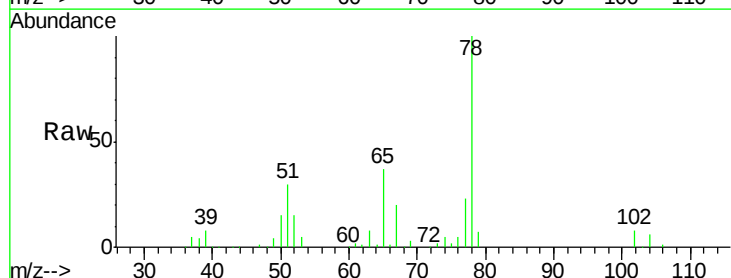
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#40
Benzene
Concen: 17.356 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.9	28.3





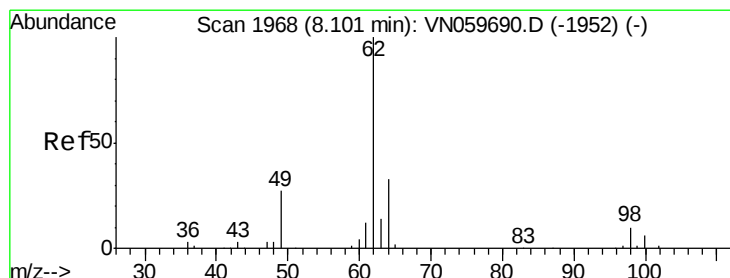
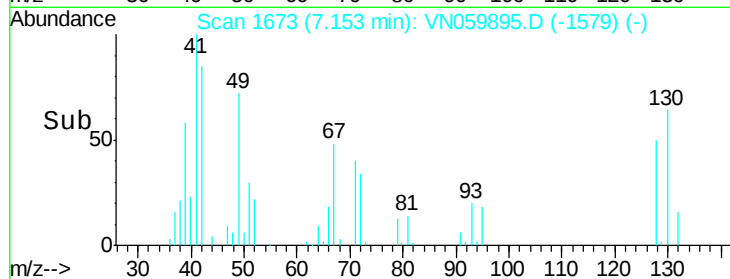
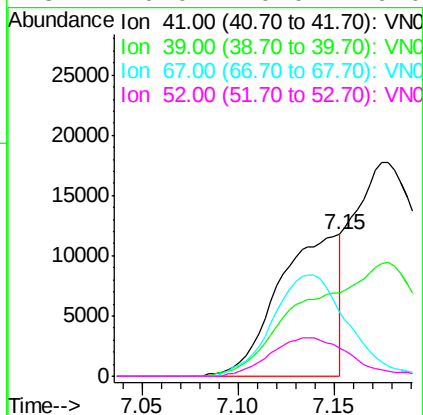
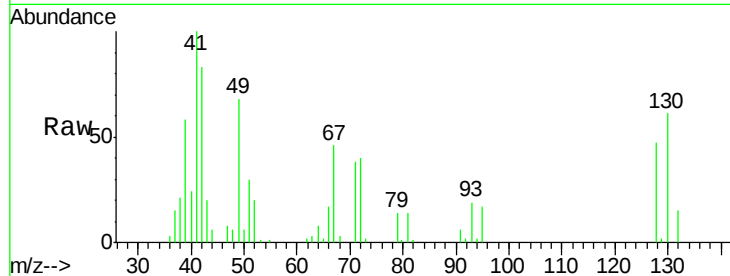
#41
Methacrylonitrile
Concen: 17.117 ug/l m
RT: 7.15 min Scan# 1673
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBSD01

Tot Ion	41	Resp:	26025
Ion	Ratio	Lower	Upper
41	100		
39	158.6	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

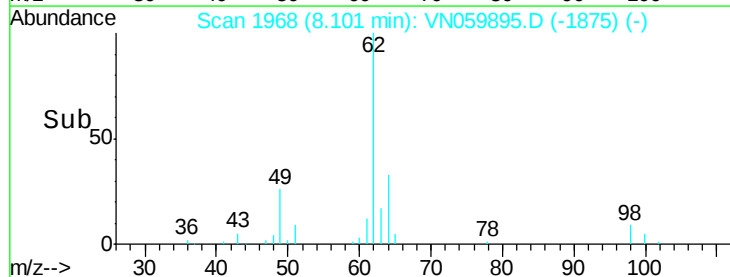
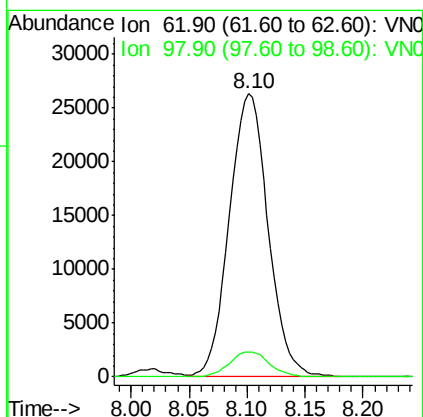
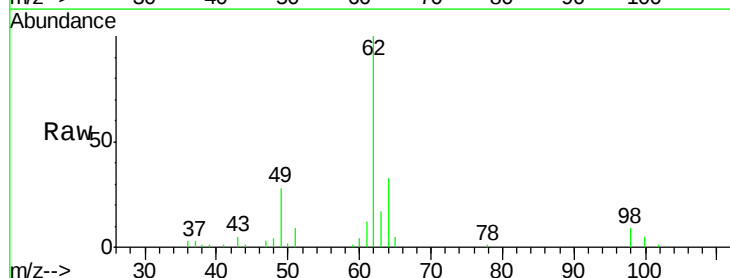
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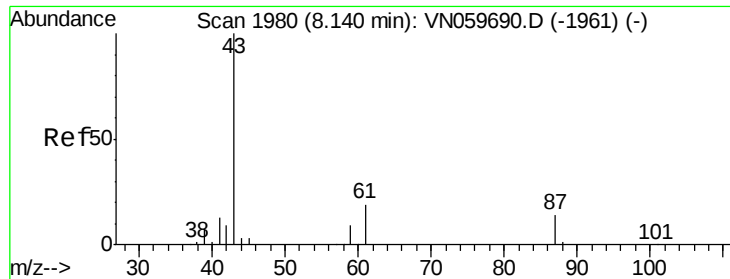
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#42
1,2-Dichloroethane
Concen: 18.392 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion	62	Resp:	61207
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	15.8





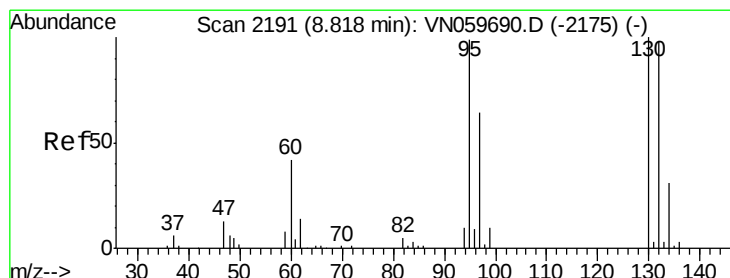
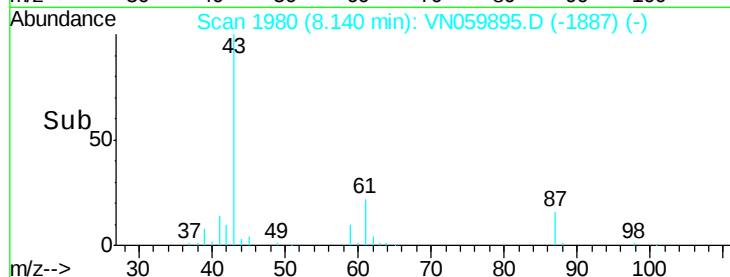
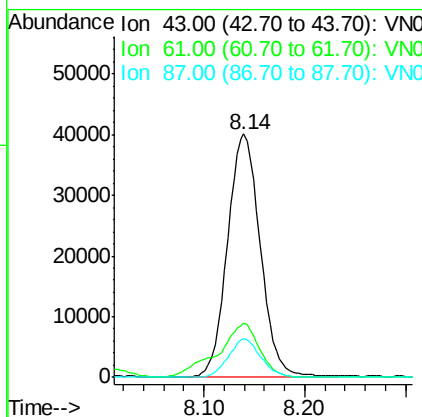
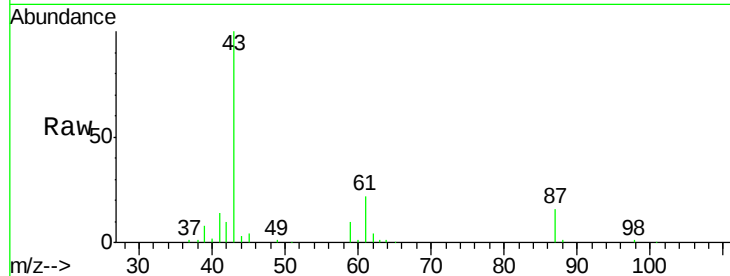
#43
Isopropyl Acetate
Concen: 17.147 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.1	20.2	30.2
87	15.3	9.5	14.3

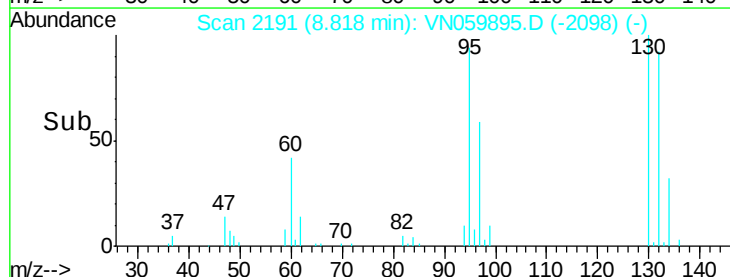
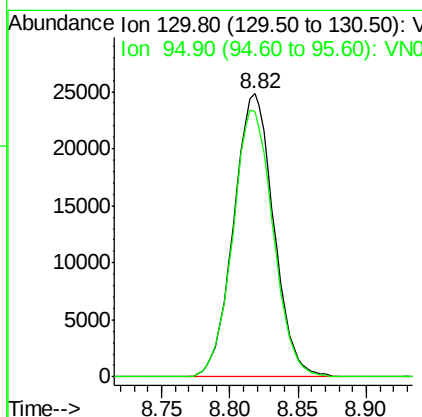
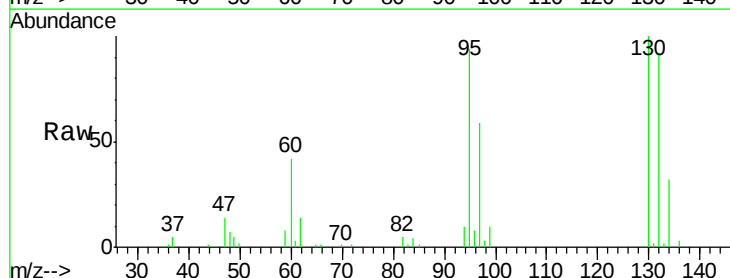
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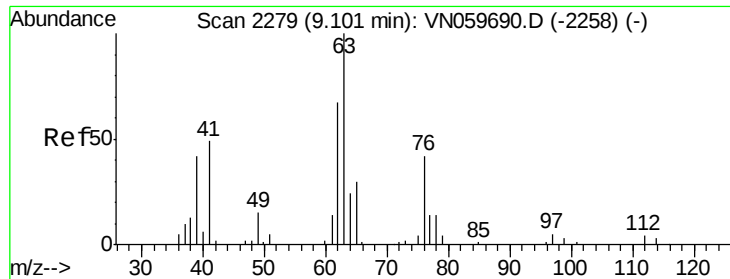
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#44
Trichloroethene
Concen: 18.872 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.9	0.0	207.0





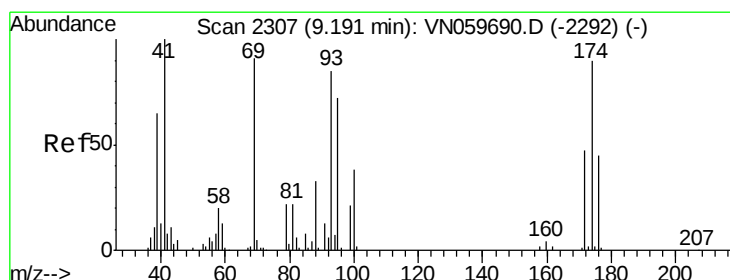
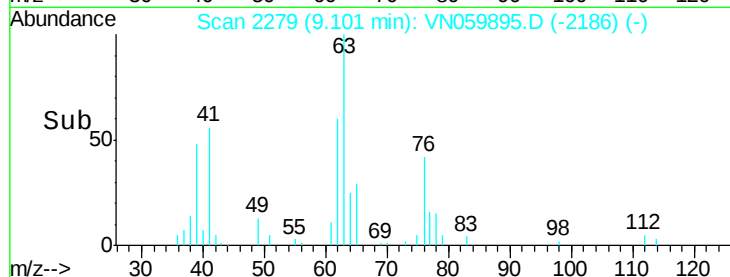
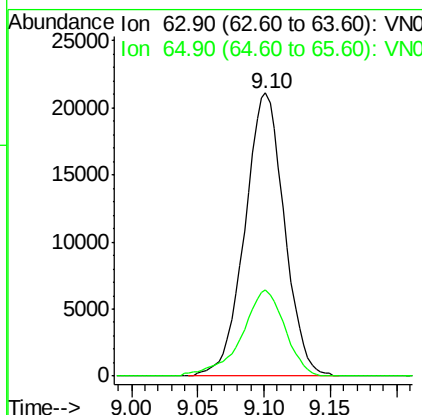
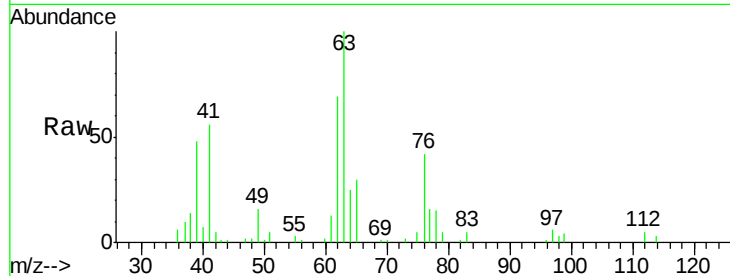
#45
 1,2-Dichloropropane
 Concen: 17.991 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128WBSD01

Tot Ion: 63 Resp: 43698
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.9 37.3

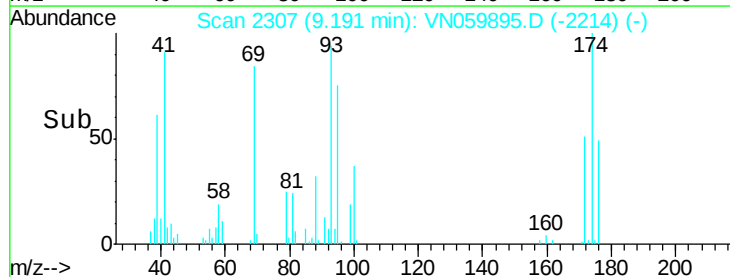
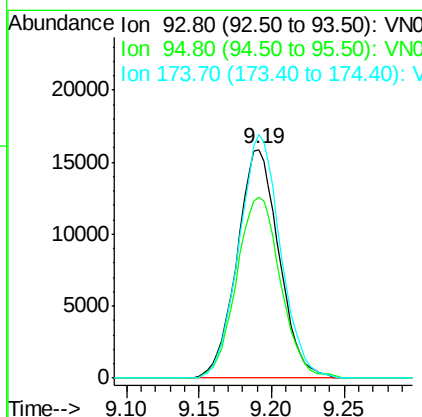
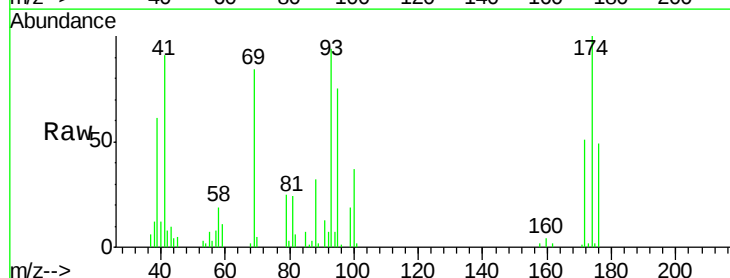
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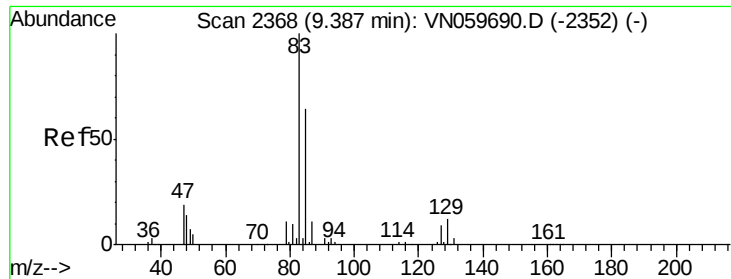
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#46
 Dibromomethane
 Concen: 18.627 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

Tgt Ion: 93 Resp: 31914
 Ion Ratio Lower Upper
 93 100
 95 82.9 67.0 100.6
 174 105.7 73.4 110.2





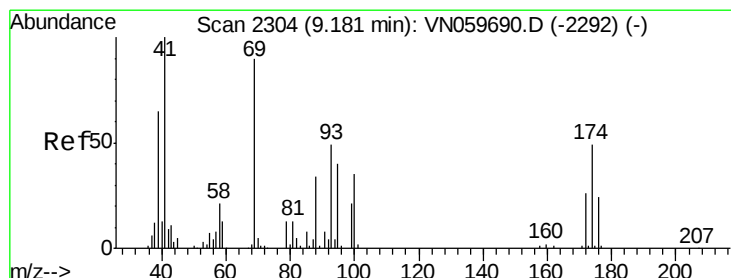
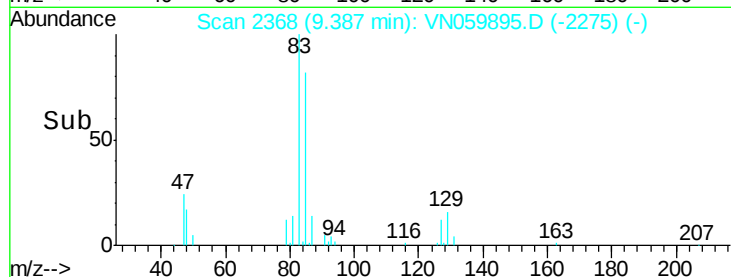
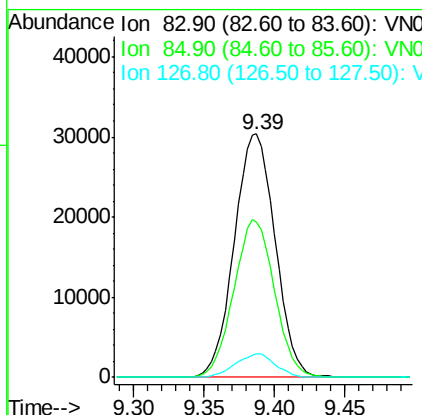
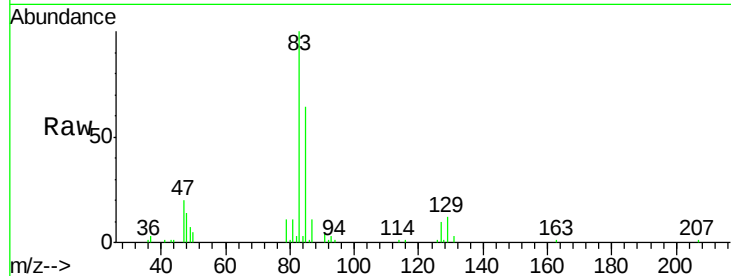
#47
Bromodichloromethane
Concen: 17.874 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBSD01

Tot Ion	83	Resp	61711
Ion Ratio	100	Lower	Upper
83	100		
85	64.0	51.1	76.7
127	9.6	6.6	9.8

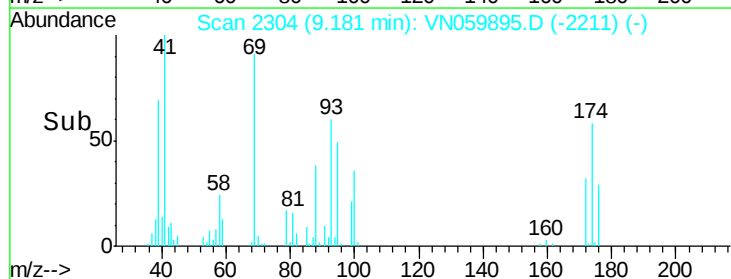
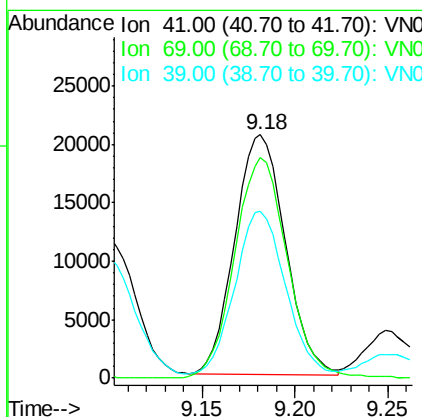
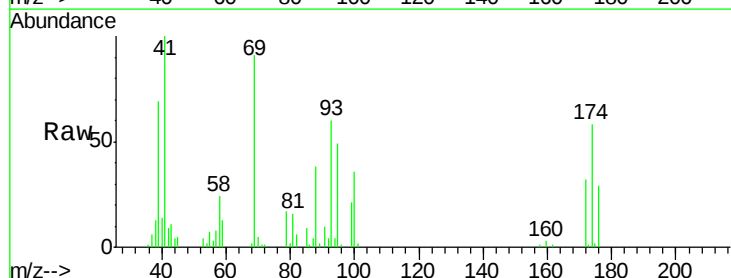
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#48
Methyl methacrylate
Concen: 16.404 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion	41	Resp	38959
Ion Ratio	100	Lower	Upper
41	100		
69	95.8	64.4	96.6
39	67.8	51.3	76.9





#49

1,4-Dioxane

Concen: 381.979 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Instrument :

MSVOA_N

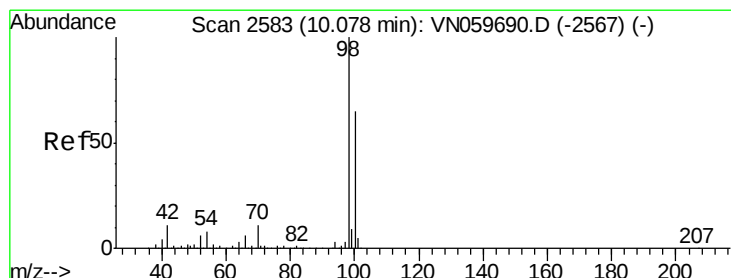
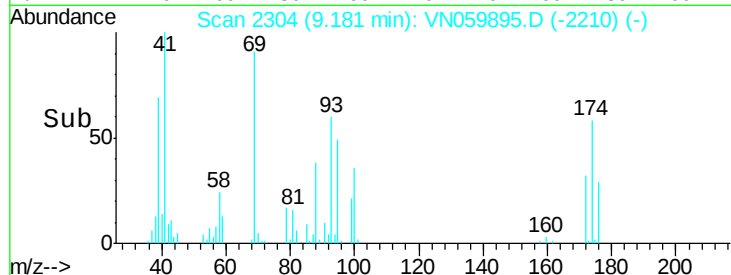
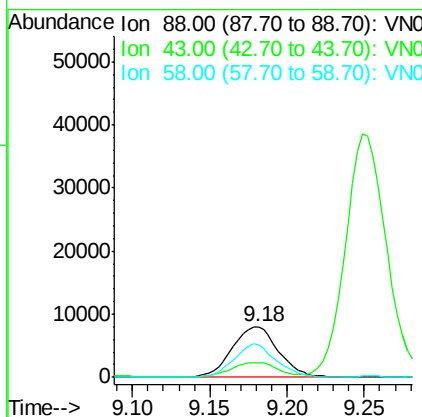
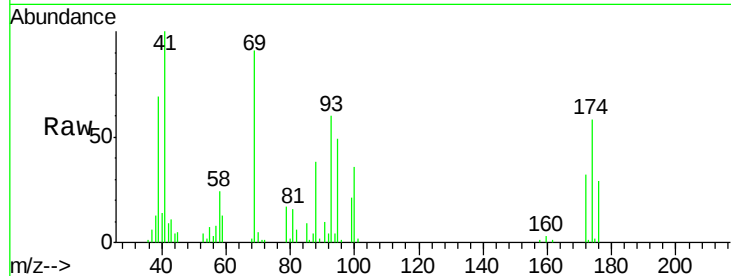
ClientSampleId :

VN0128WBSD01

Tot Ion:	88	Resp:	16607
Ion Ratio	Lower	Upper	
88	100		
43	30.4	29.7	44.5
58	59.7	56.6	85.0

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#50

Toluene-d8

Concen: 47.080 ug/l

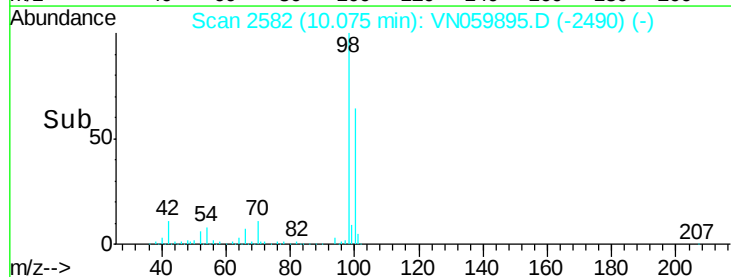
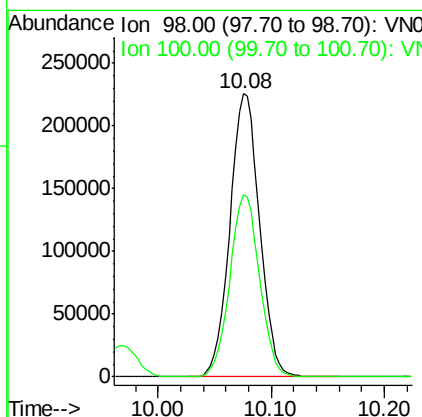
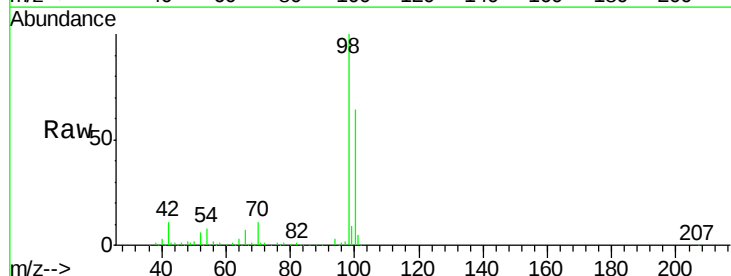
RT: 10.08 min Scan# 2582

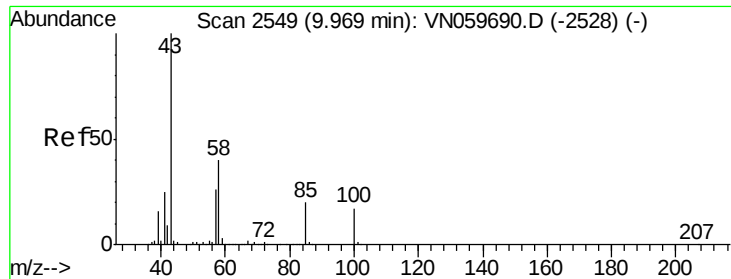
Delta R.T. -0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Tgt Ion:	98	Resp:	411119
Ion Ratio	Lower	Upper	
98	100		
100	64.6	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 86.924 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0128WBSD01

Tot Ion: 43 Resp: 266793

Ion Ratio Lower Upper

43 100

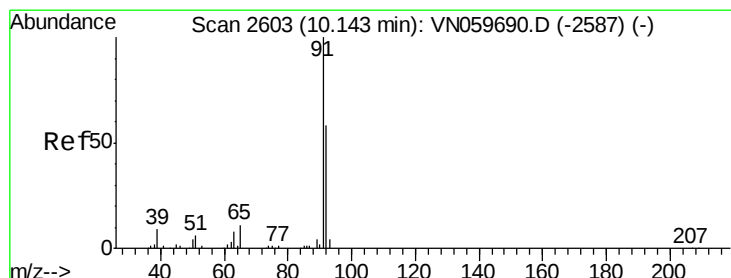
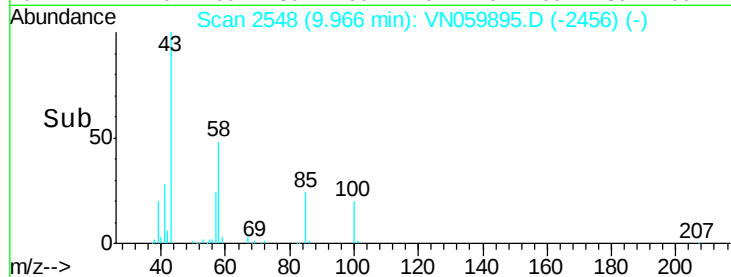
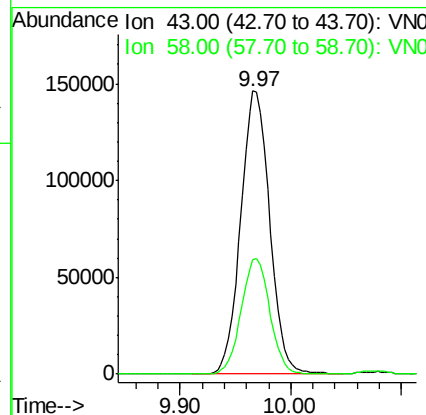
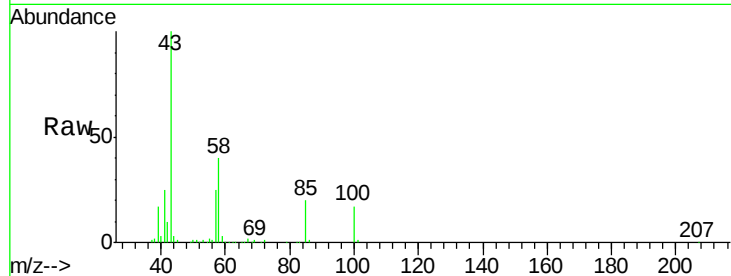
58 40.3 29.8 44.8

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#52

Toluene

Concen: 17.821 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN059895.D

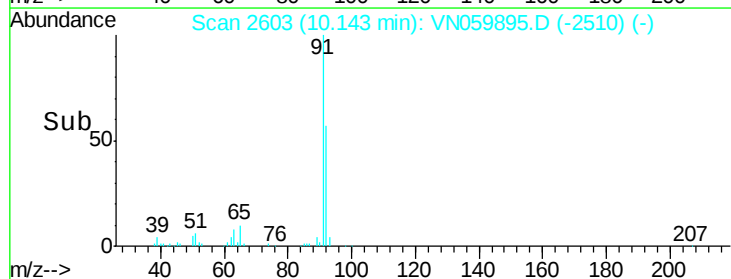
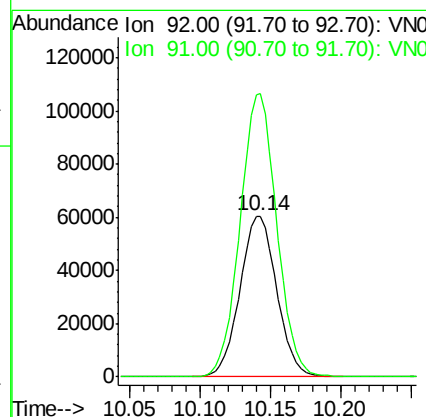
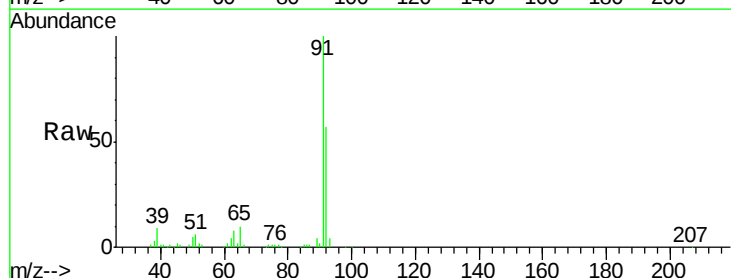
Acq: 28 Jan 2020 14:19

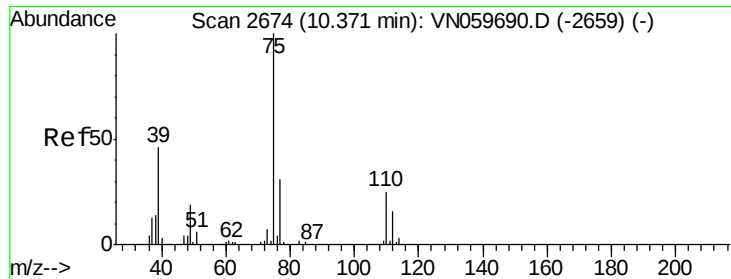
Tgt Ion: 92 Resp: 110486

Ion Ratio Lower Upper

92 100

91 175.5 140.4 210.6





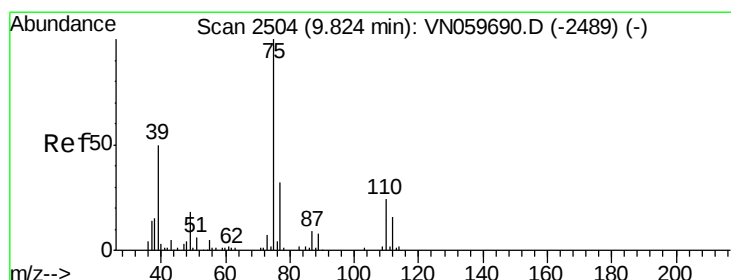
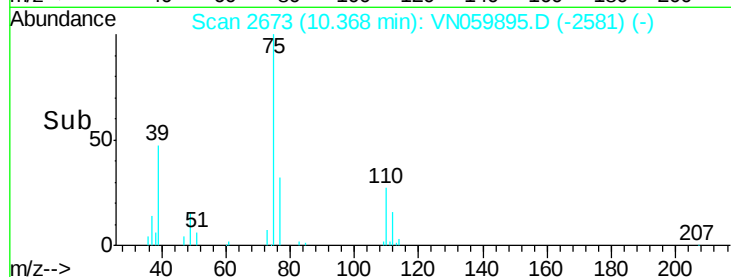
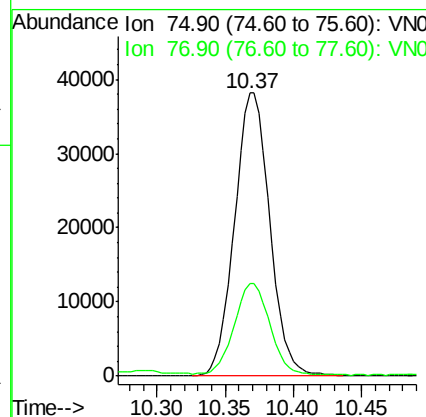
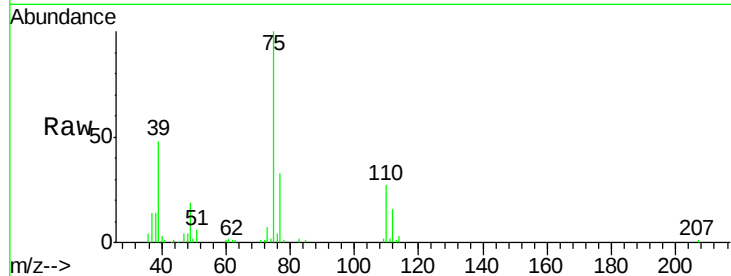
#53
 t-1,3-Dichloropropene
 Concen: 17.791 ug/l
 RT: 10.37 min Scan# 2673
 Delta R.T. -0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128WBSD01

Tot Ion: 75 Resp: 68587
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.2

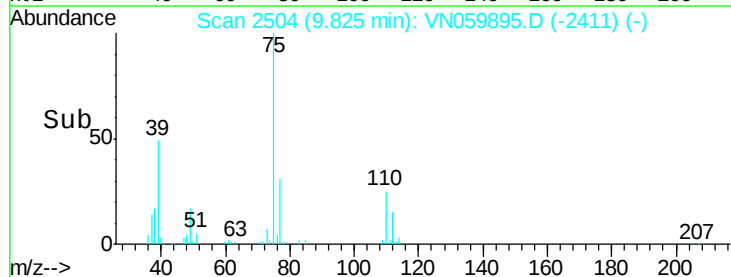
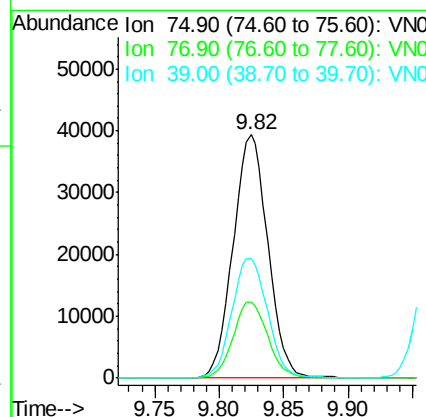
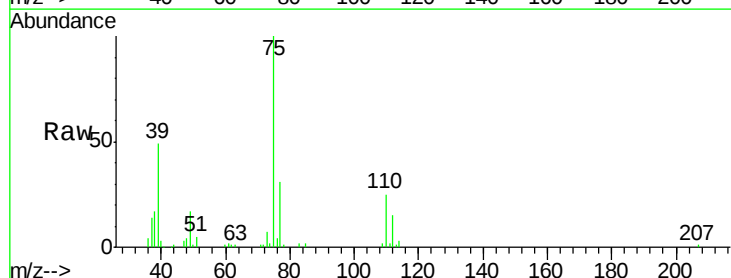
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#54
 cis-1,3-Dichloropropene
 Concen: 18.136 ug/l
 RT: 9.82 min Scan# 2504
 Delta R.T. 0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

Tgt Ion: 75 Resp: 73567
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.1 37.7
 39 48.9 46.1 69.1





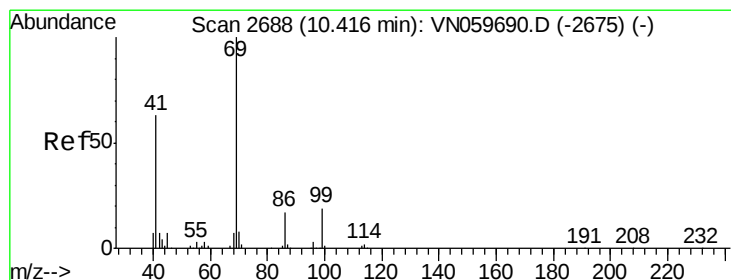
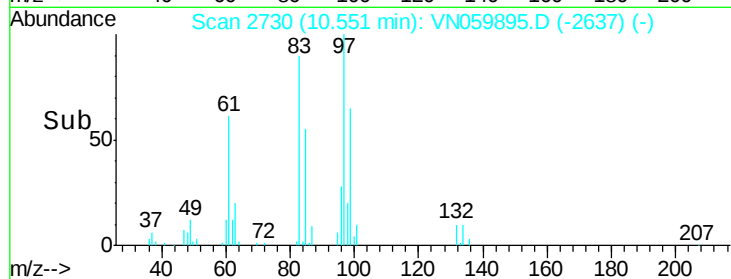
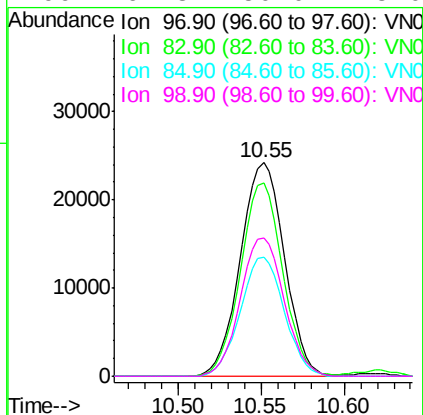
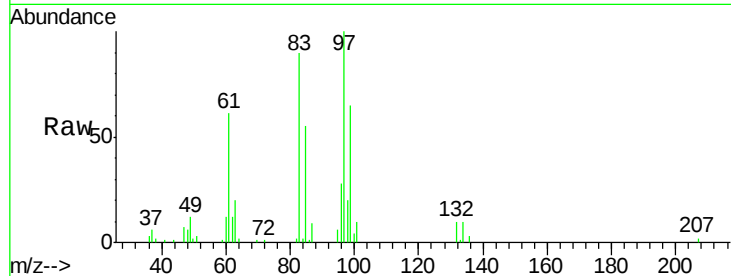
#55
 1,1,2-Trichloroethane
 Concen: 18.246 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128WBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	90.3	71.3	106.9
85	55.5	45.8	68.8
99	64.8	50.0	75.0

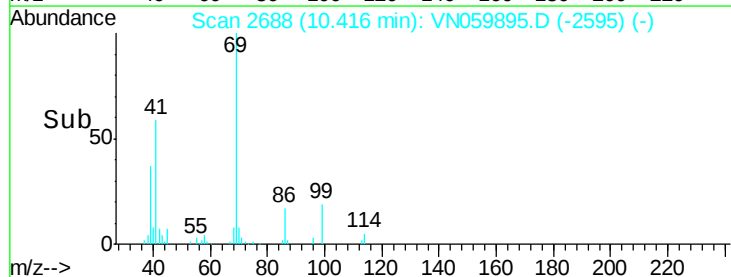
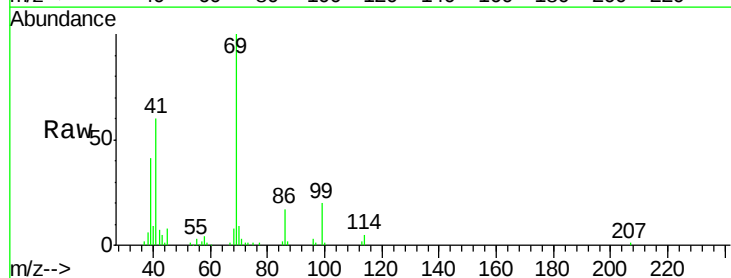
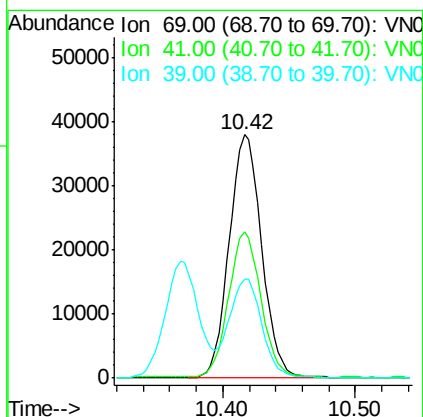
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#56
 Ethyl methacrylate
 Concen: 17.263 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.9	57.1	85.7
39	41.4	34.7	52.1





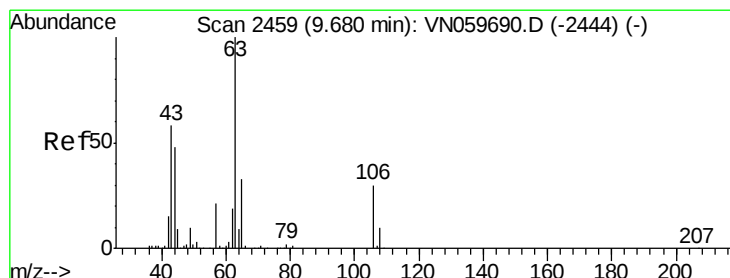
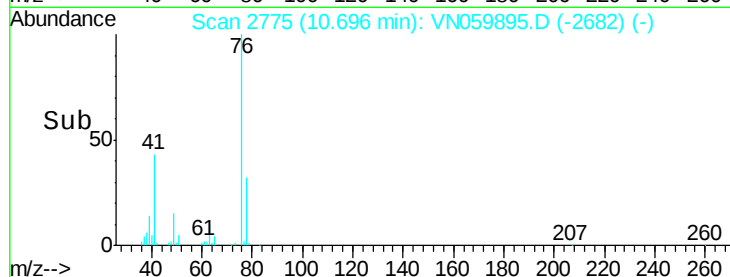
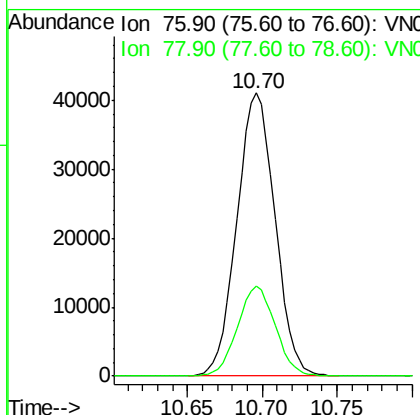
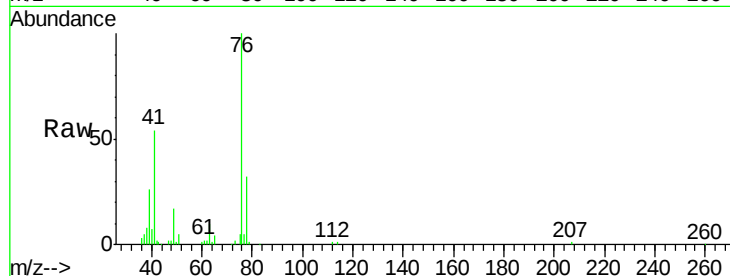
#57
 1,3-Dichloropropane
 Concen: 18.704 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. 0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128WBSD01

Tot Ion: 76 Resp: 72916
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.8 38.8

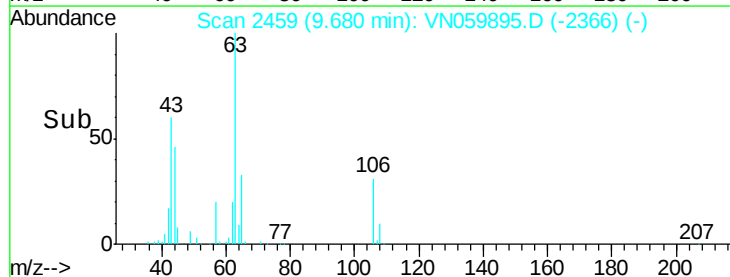
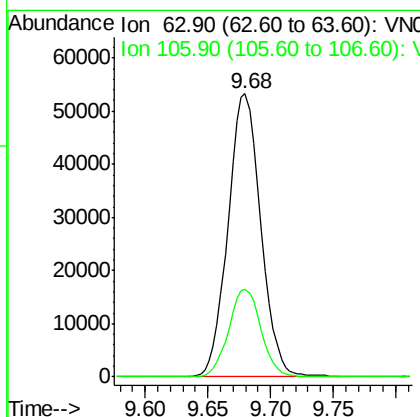
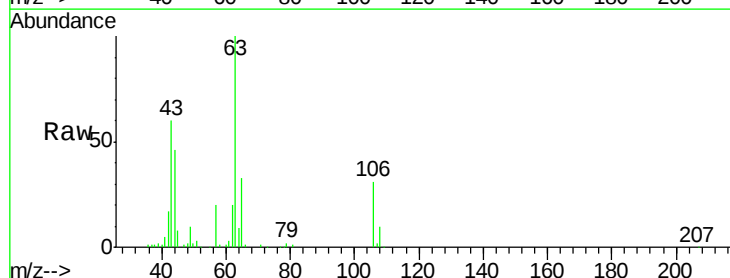
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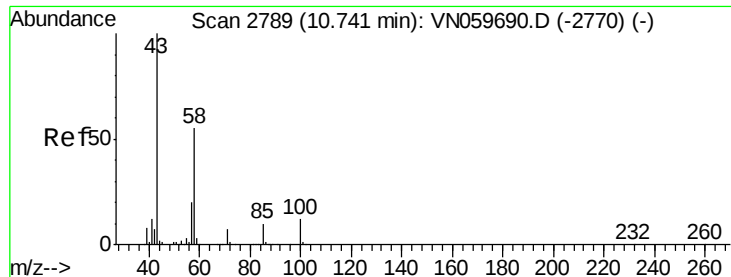
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#58
 2-Chloroethyl Vinyl ether
 Concen: 85.528 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. 0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

Tgt Ion: 63 Resp: 96658
 Ion Ratio Lower Upper
 63 100
 106 30.5 20.2 30.2#





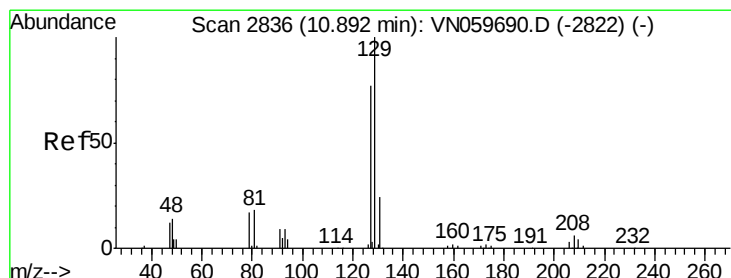
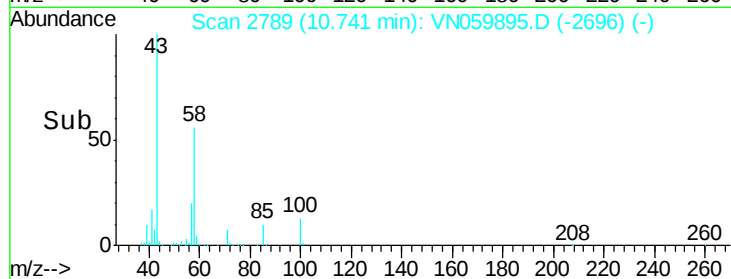
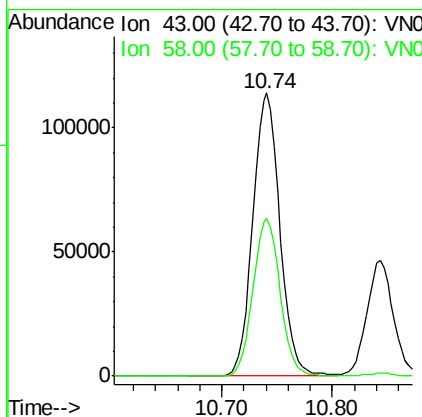
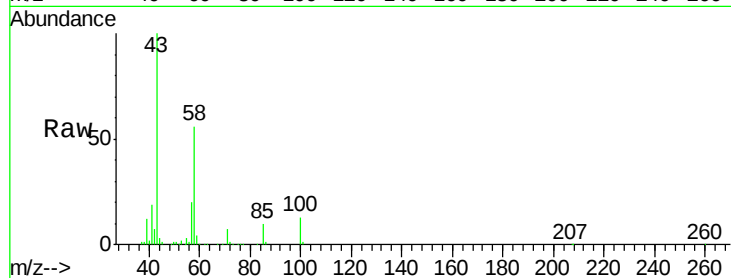
#59
2-Hexanone
Concen: 85.797 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBSD01

Tot Ion	43	Resp	193999
Ion Ratio	Lower	Upper	
43	100		
58	55.7	25.8	77.3

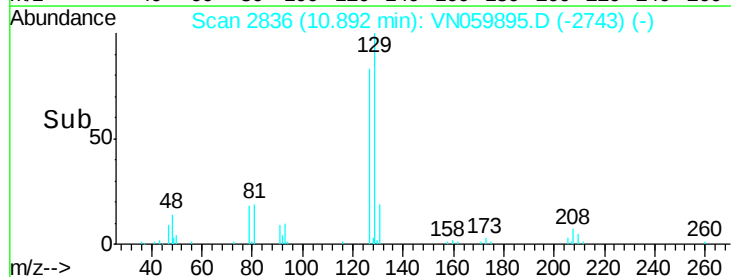
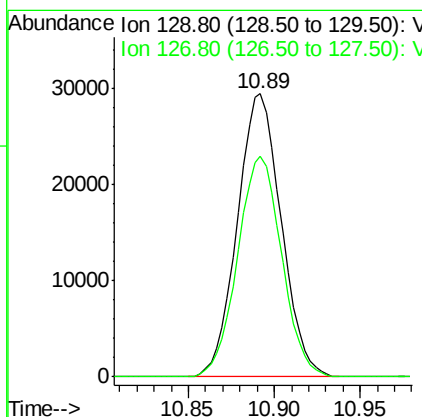
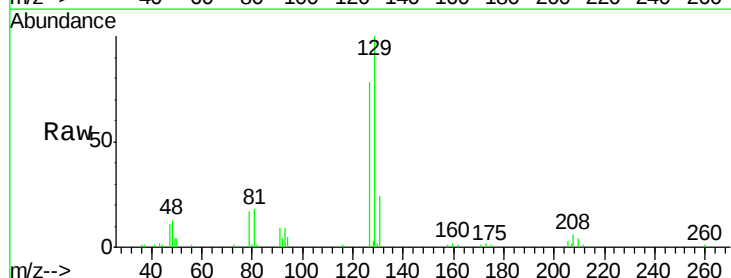
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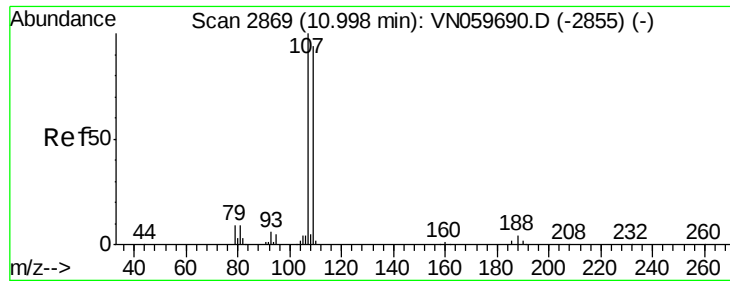
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#60
Dibromochloromethane
Concen: 18.648 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion	129	Resp	52144
Ion Ratio	Lower	Upper	
129	100		
127	78.1	38.5	115.5





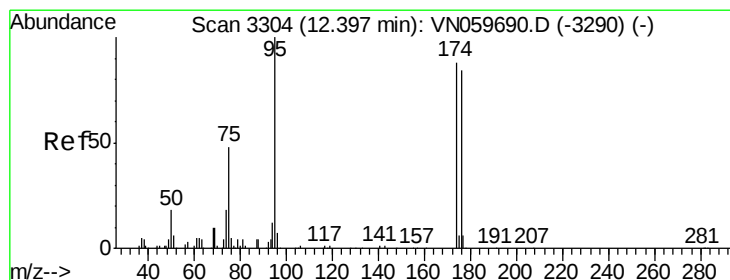
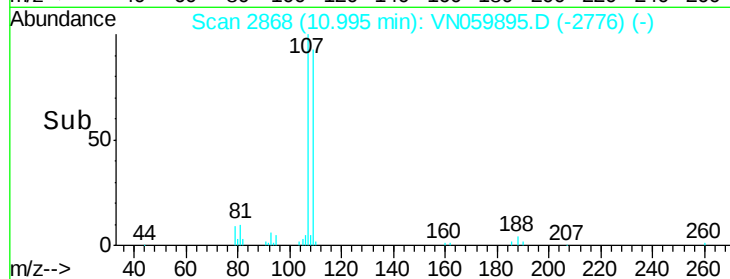
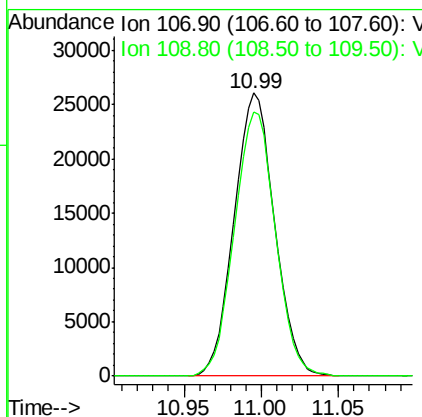
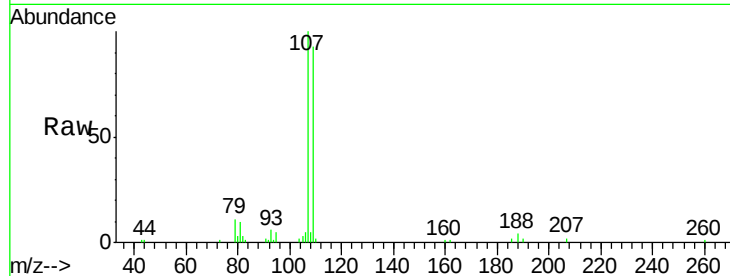
#61
 1,2-Dibromoethane
 Concen: 18.408 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128WBSD01

Tot Ion: 107 Resp: 47376
 Ion Ratio Lower Upper
 107 100
 109 94.5 76.6 115.0

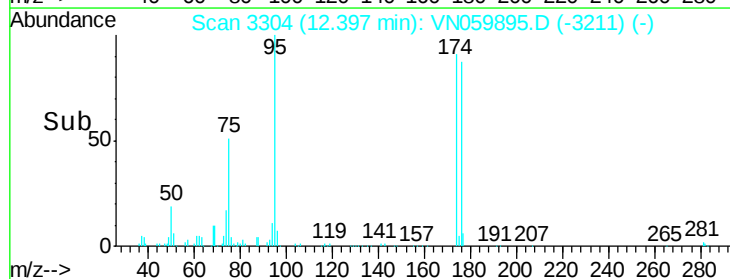
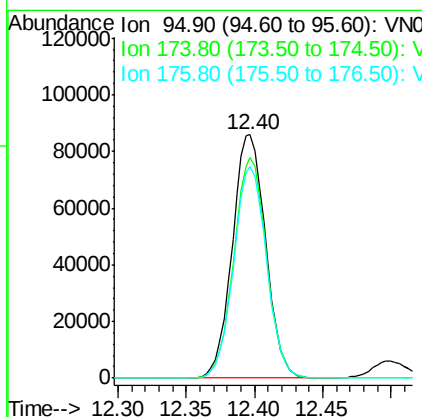
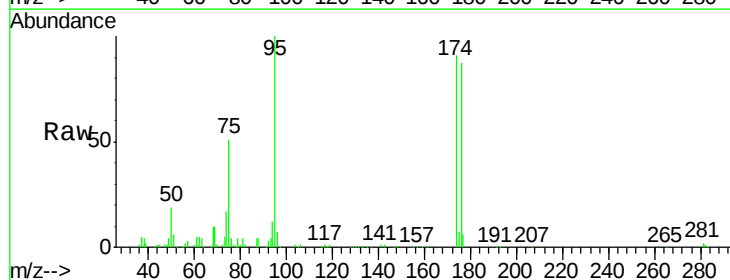
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#62
 4-Bromofluorobenzene
 Concen: 46.311 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

Tgt Ion: 95 Resp: 145786
 Ion Ratio Lower Upper
 95 100
 174 88.9 0.0 151.4
 176 85.6 0.0 146.0





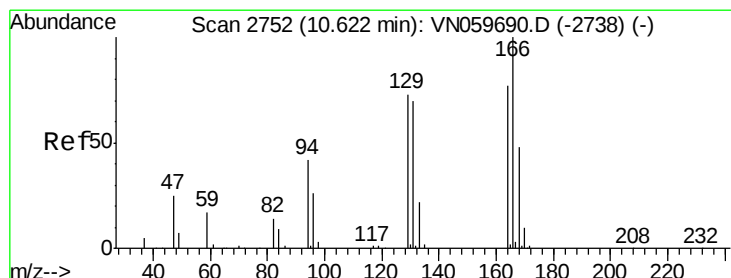
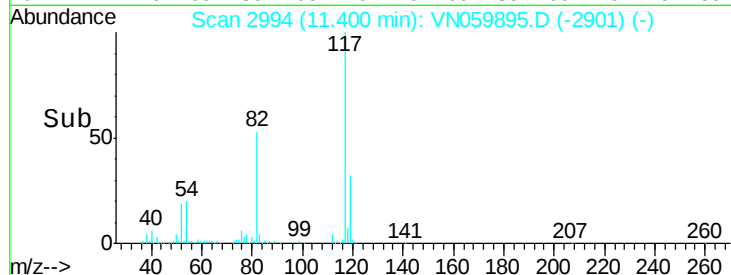
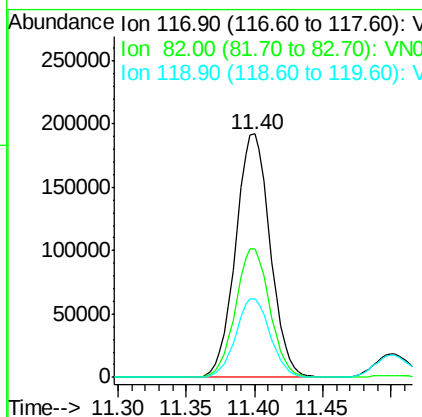
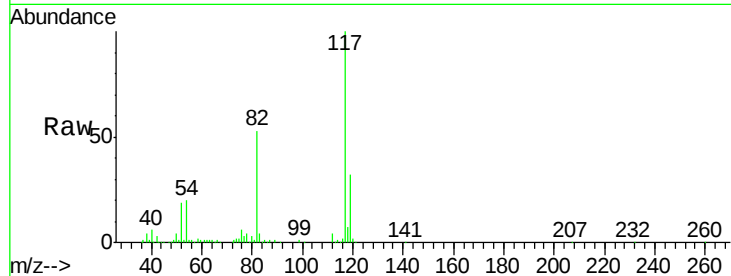
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	45.9	68.9
119	32.3	25.5	38.3

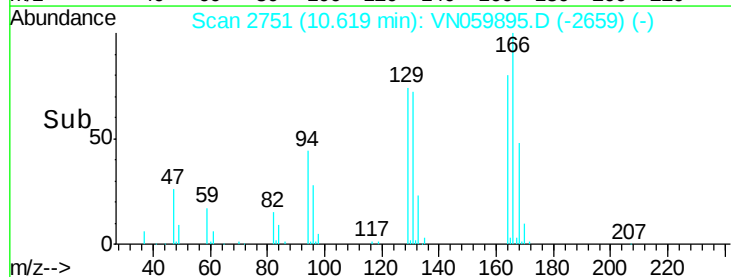
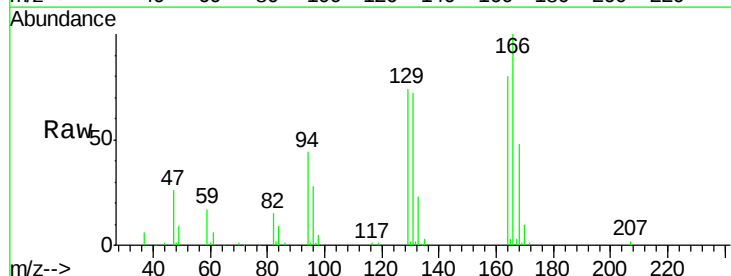
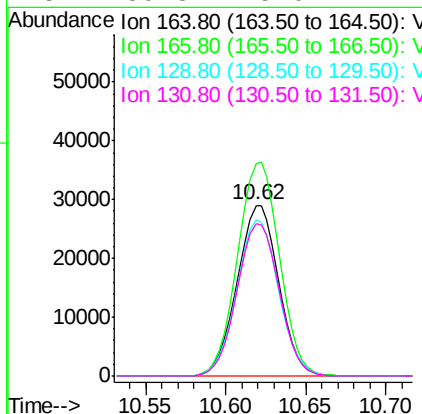
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#64
Tetrachloroethene
Concen: 18.685 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.5	101.4	152.0
129	91.6	80.2	120.4
131	89.3	75.0	112.4





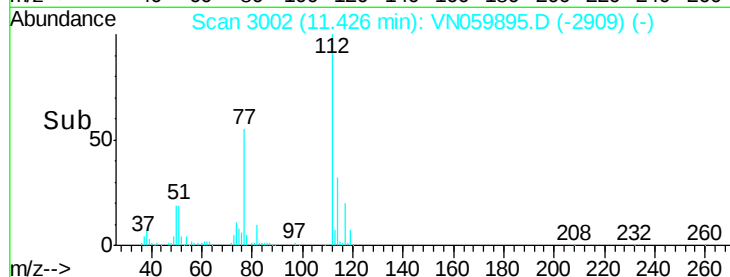
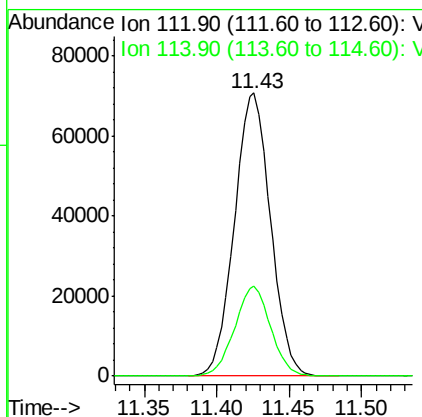
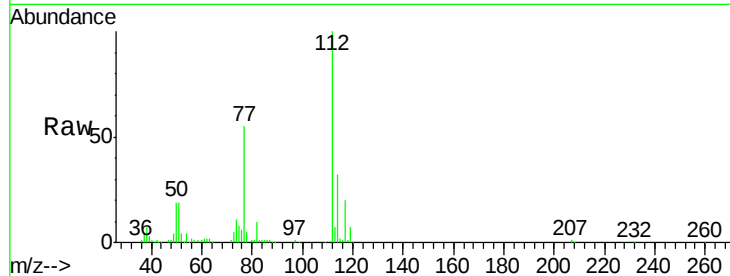
#65
Chlorobenzene
Concen: 18.454 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBSD01

Tot Ion:112 Resp: 122379
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8

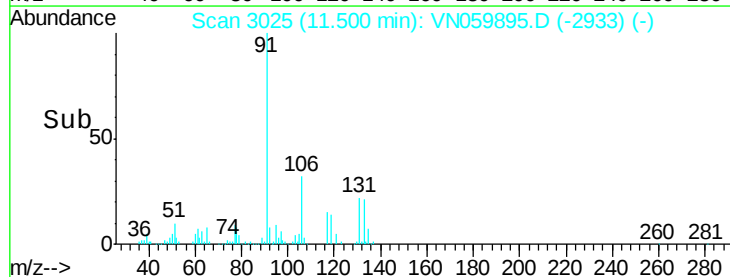
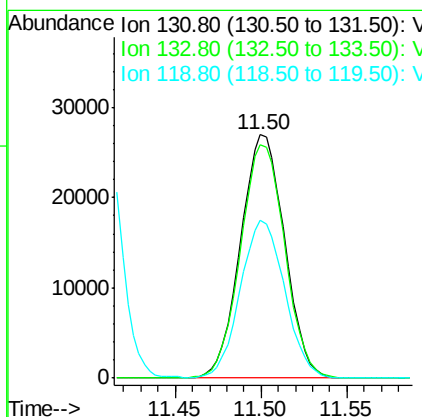
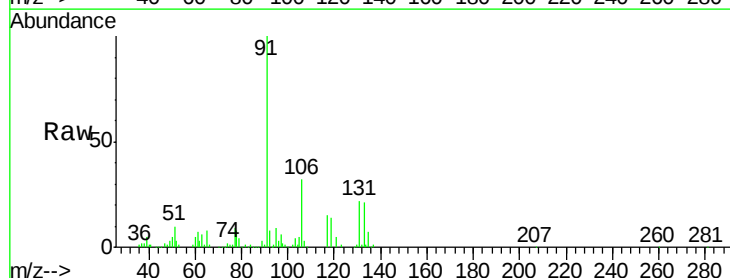
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.765 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion:131 Resp: 48084
Ion Ratio Lower Upper
131 100
133 96.6 47.4 142.2
119 65.2 33.1 99.3





#67

Ethyl Benzene

Concen: 17.971 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0128WBSD01

Tot Ion: 91 Resp: 216342

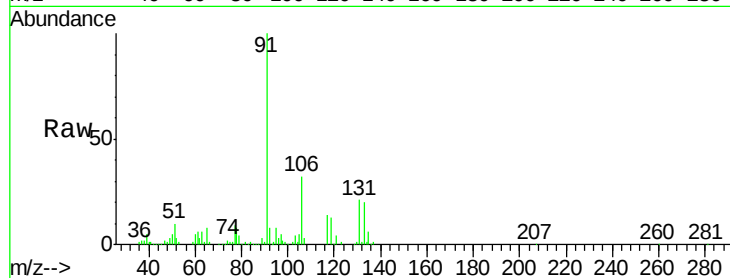
Ion Ratio Lower Upper

91 100

106 32.3 24.1 36.1

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Abundance Ion 91.00 (90.70 to 91.70): VN059690.D (-3011) (-)

Ion 106.00 (105.70 to 106.70): VN059690.D (-3011) (-)

150000

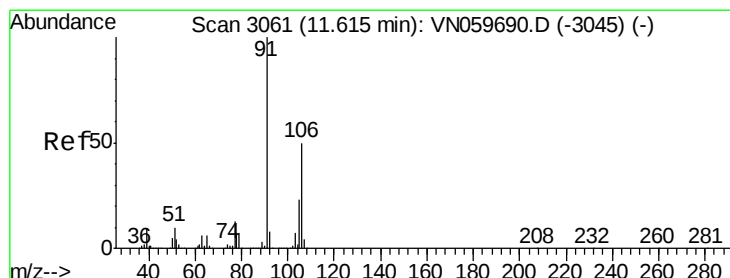
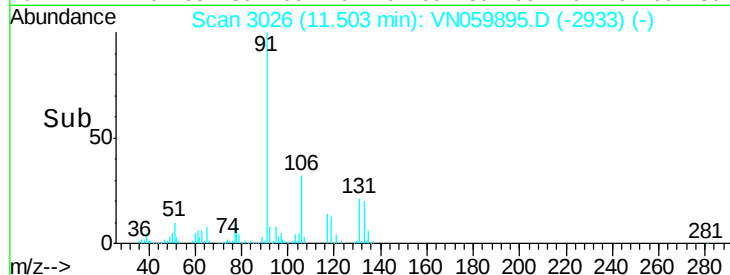
100000

50000

0

11.45 11.50 11.55

Time-->



#68

m/p-Xylenes

Concen: 35.909 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN059895.D

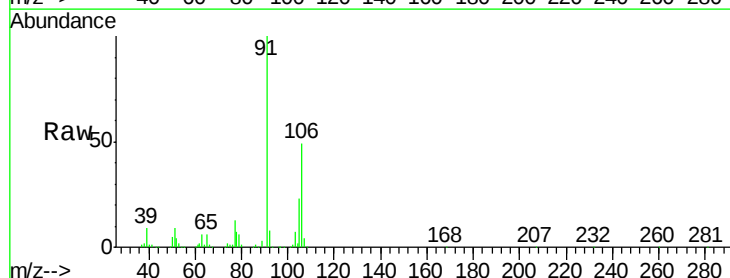
Acq: 28 Jan 2020 14:19

Tgt Ion: 106 Resp: 163293

Ion Ratio Lower Upper

106 100

91 201.5 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): VN059690.D (-3045) (-)

Ion 91.00 (90.70 to 91.70): VN059690.D (-3045) (-)

200000

150000

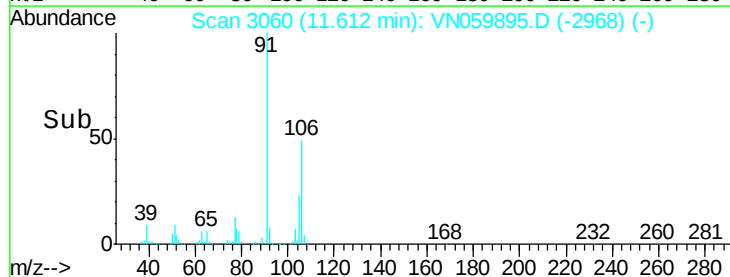
100000

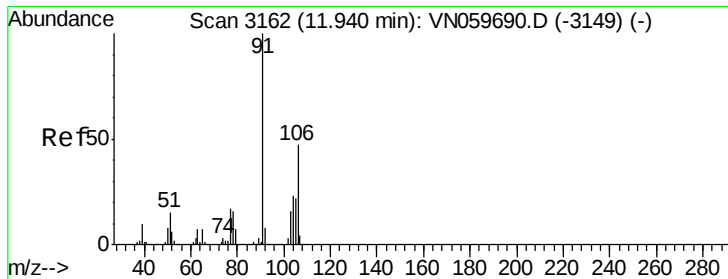
50000

0

11.60 11.61 11.70

Time-->





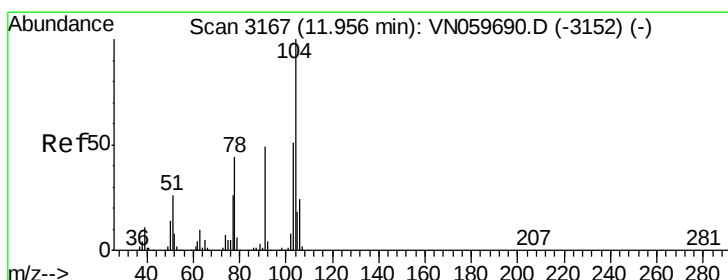
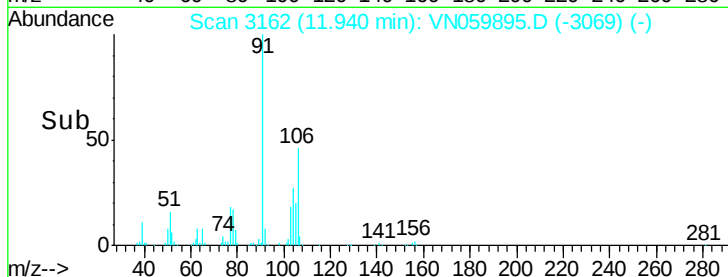
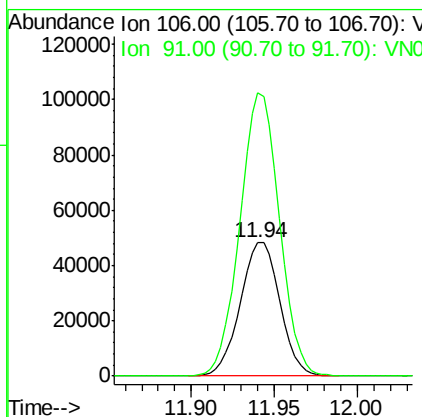
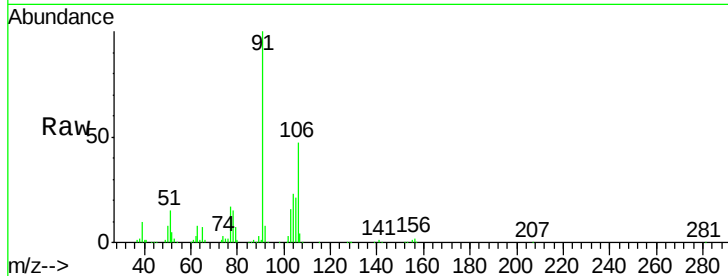
#69
o-Xylene
Concen: 18.090 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBSD01

Tot Ion:106 Resp: 80534
Ion Ratio Lower Upper
106 100
91 211.4 110.3 330.9

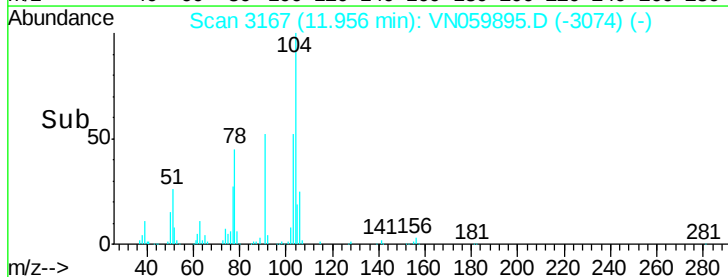
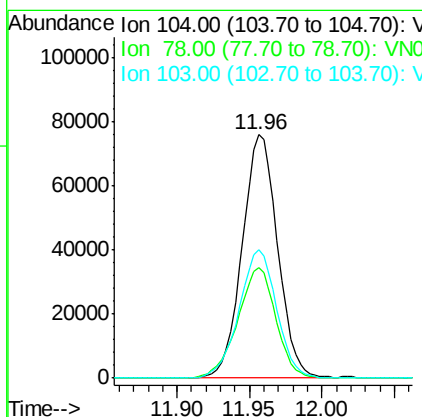
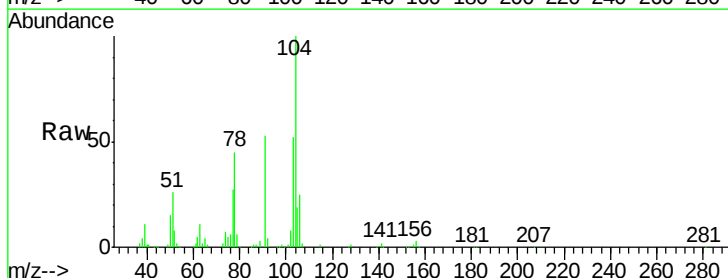
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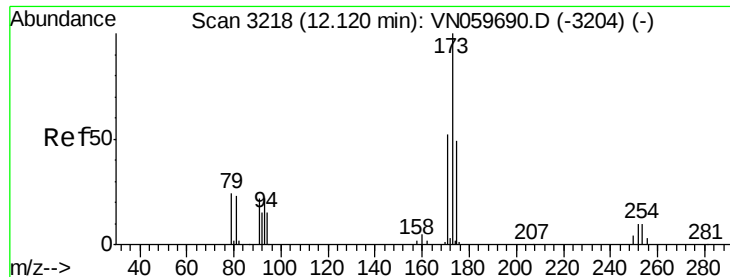
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#70
Styrene
Concen: 17.347 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion:104 Resp: 129226
Ion Ratio Lower Upper
104 100
78 48.8 42.4 63.6
103 55.9 43.9 65.9





#71

Bromoform

Concen: 18.676 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0128WBSD01

Tot Ion:173 Resp: 38333

Ion Ratio Lower Upper

173 100

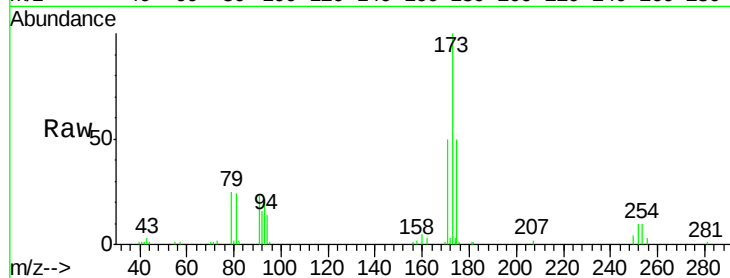
175 49.2 23.8 71.4

254 0.0 0.0 0.0

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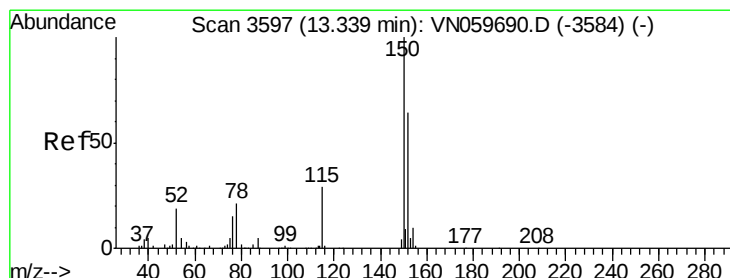
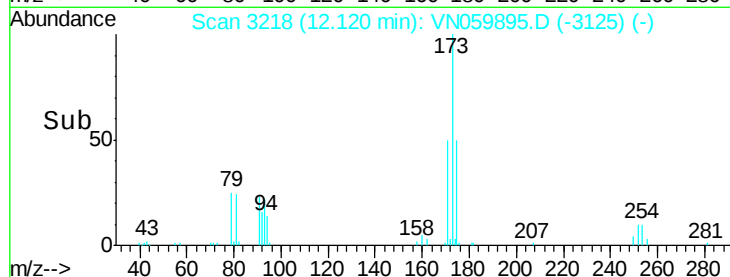
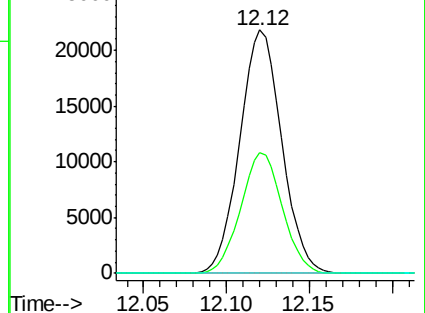
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

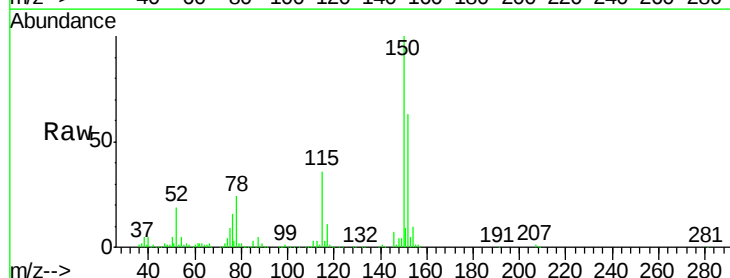
Tgt Ion:152 Resp: 162076

Ion Ratio Lower Upper

152 100

115 57.7 30.3 90.9

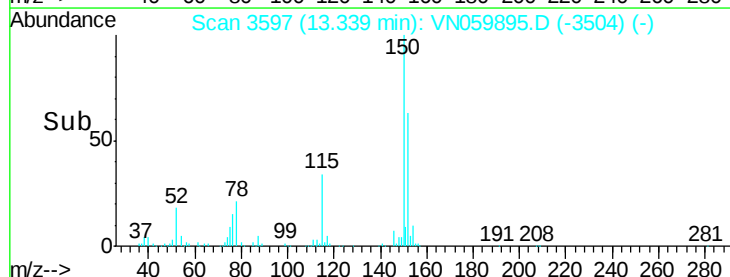
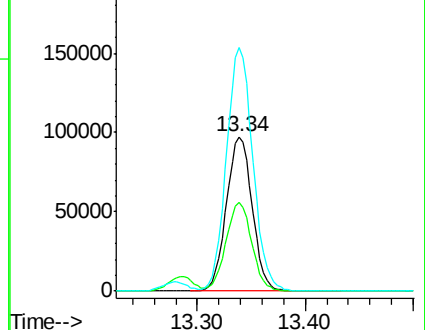
150 161.4 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.058 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

VN0128WBSD01

Tot Ion: 105 Resp: 214648

Ion Ratio Lower Upper

105 100

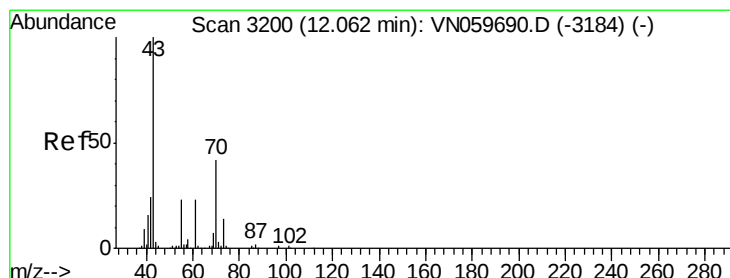
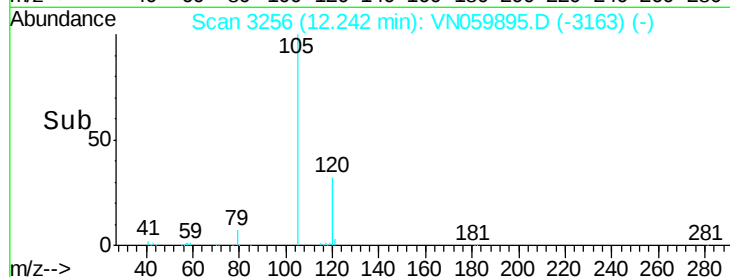
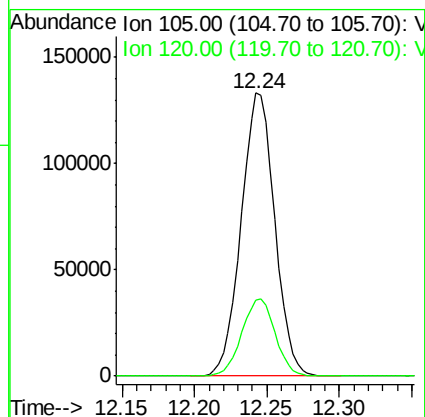
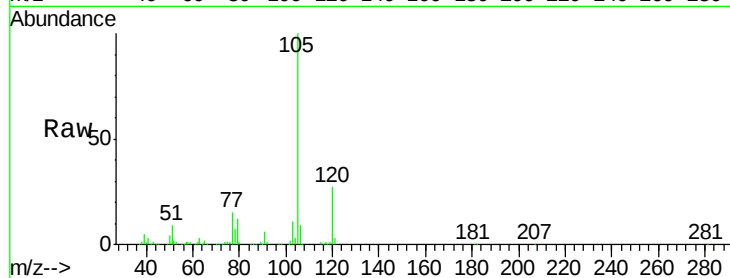
120 27.1 13.2 39.5

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#74

N-ethyl acetate

Concen: 16.351 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Tgt Ion: 43 Resp: 75418

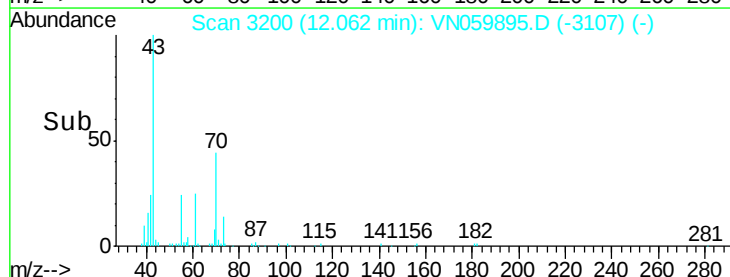
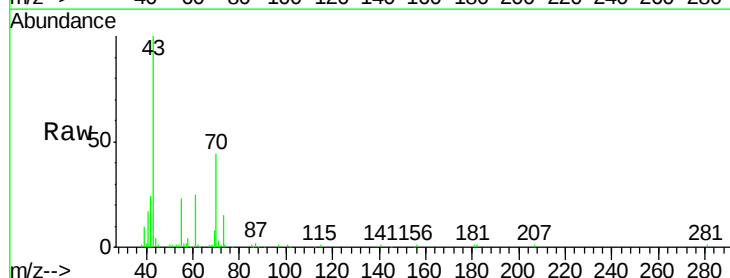
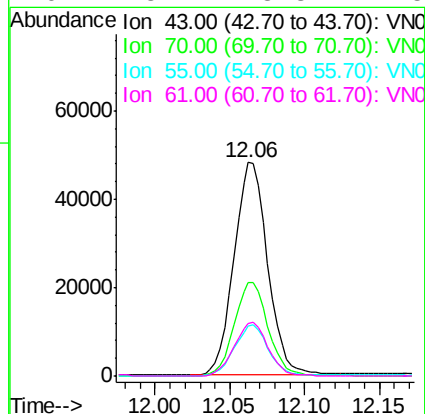
Ion Ratio Lower Upper

43 100

70 44.0 31.3 46.9

55 24.7 19.8 29.6

61 25.2 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 17.734 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Instrument :

MSVOA_N

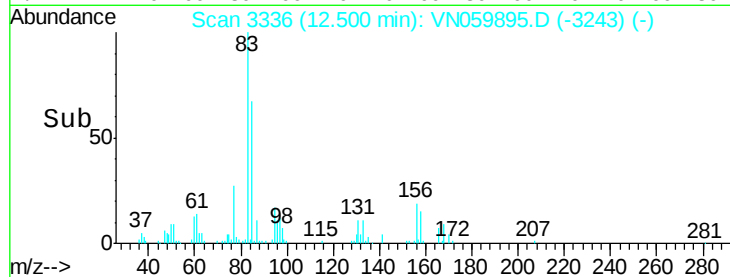
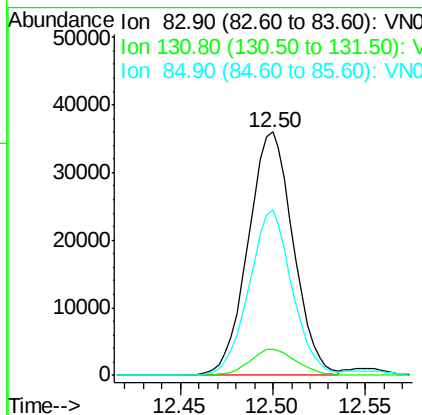
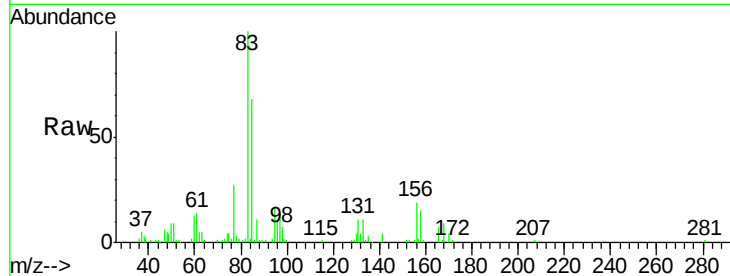
ClientSampleId :

VN0128WBSD01

Tot Ion:	83	Resp:	61109
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.0	14.9
85	65.2	31.9	95.5

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#76

1,2,3-Trichloropropane

Concen: 20.930 ug/l m

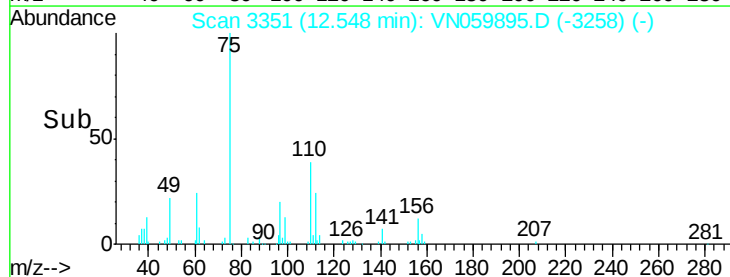
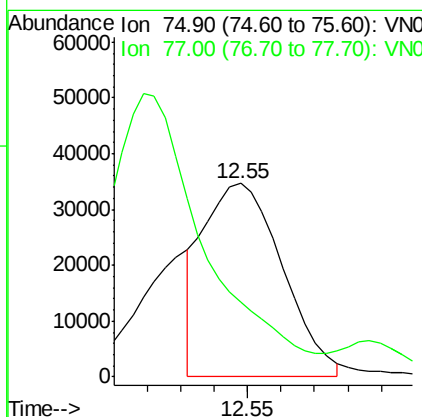
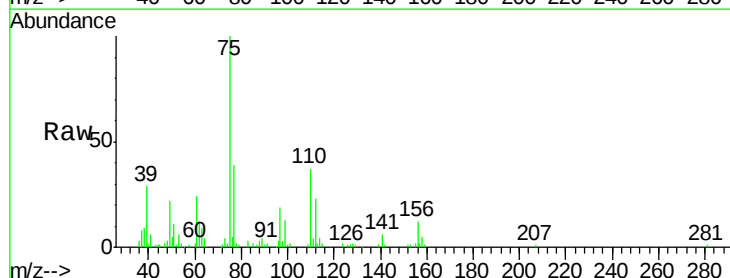
RT: 12.55 min Scan# 3351

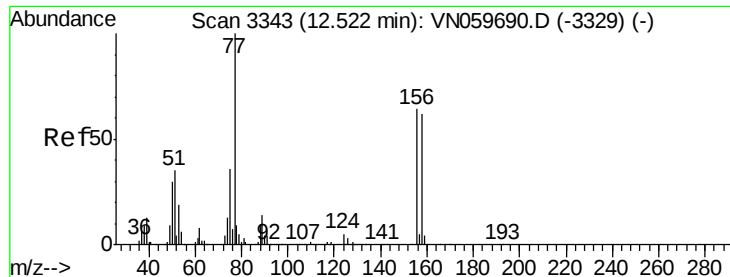
Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Tgt Ion:	75	Resp:	57087
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 24.659 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Instrument :

MSVOA_N

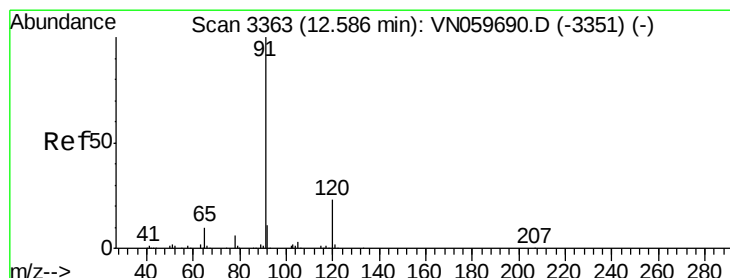
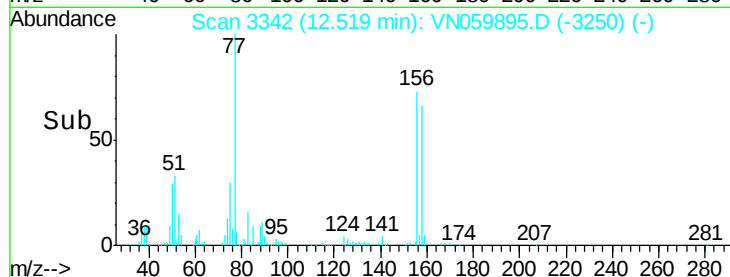
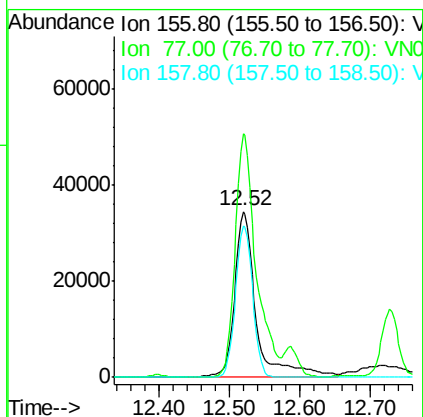
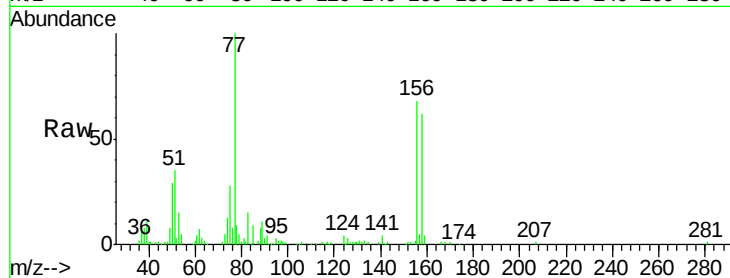
ClientSampleId :

VN0128WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	141.5	115.8	347.4
158	72.5	49.2	147.6

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#78

n-propylbenzene

Concen: 17.919 ug/l

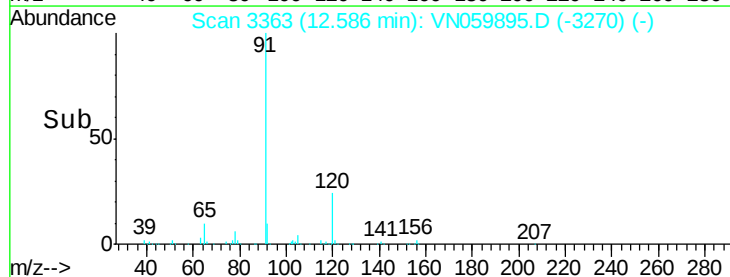
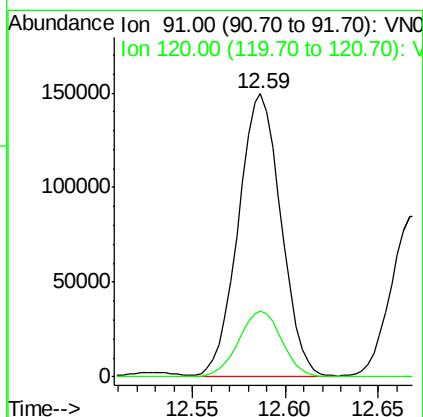
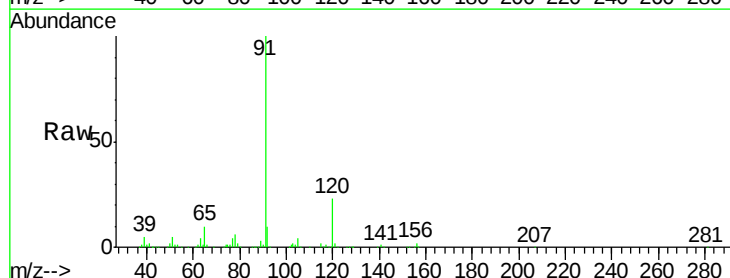
RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.1	33.3





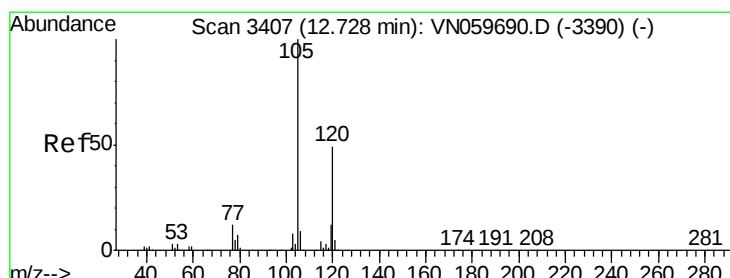
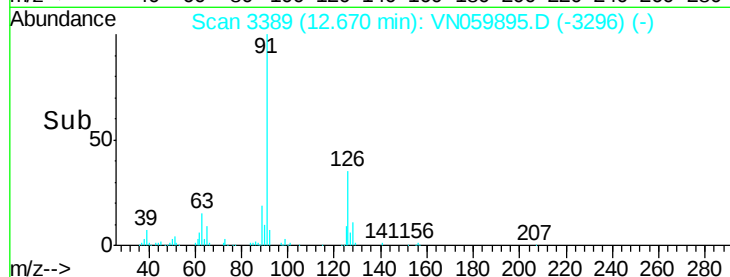
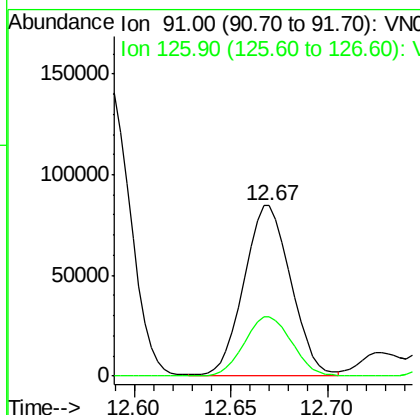
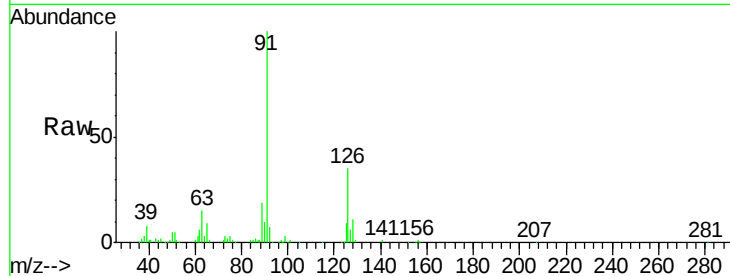
#79
 2-Chlorotoluene
 Concen: 18.035 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128WBSD01

Tot Ion: 91 Resp: 143141
 Ion Ratio Lower Upper
 91 100
 126 35.6 16.3 48.9

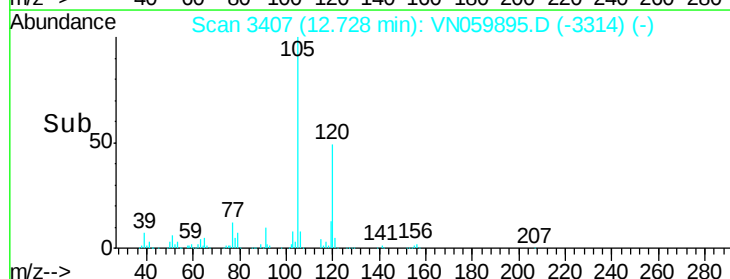
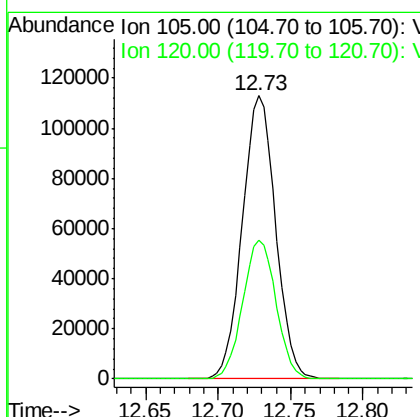
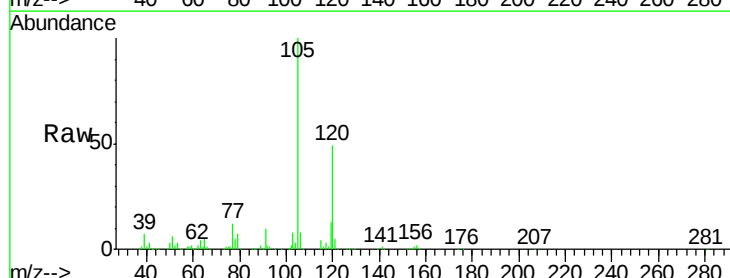
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#80
 1,3,5-Trimethylbenzene
 Concen: 18.025 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

Tgt Ion: 105 Resp: 180193
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 17.413 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Instrument :

MSVOA_N

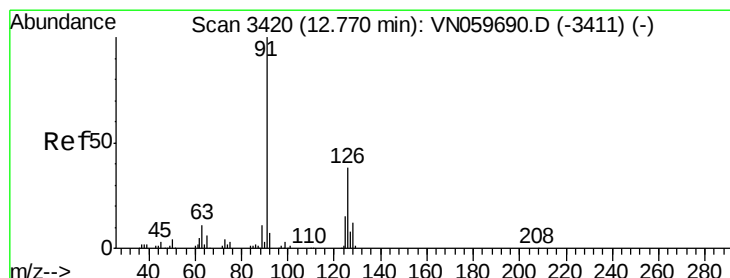
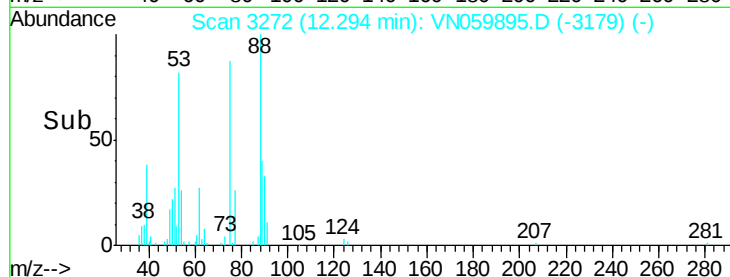
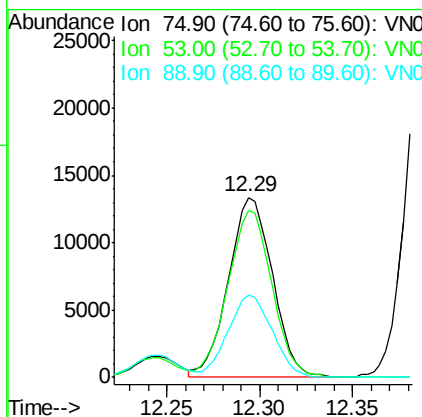
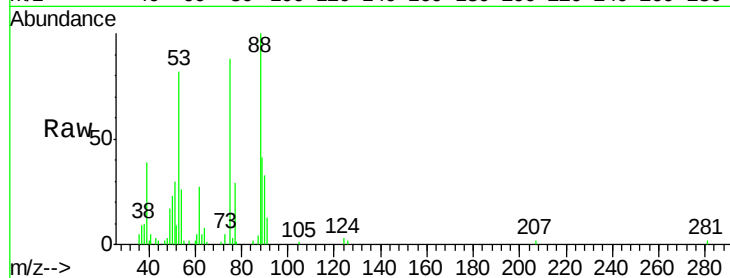
ClientSampleId :

VN0128WBSD01

Tot Ion:	75	Resp:	22116
Ion	Ratio	Lower	Upper
75	100		
53	92.9	78.1	117.1
89	46.0	35.4	53.2

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#82

4-Chlorotoluene

Concen: 17.860 ug/l

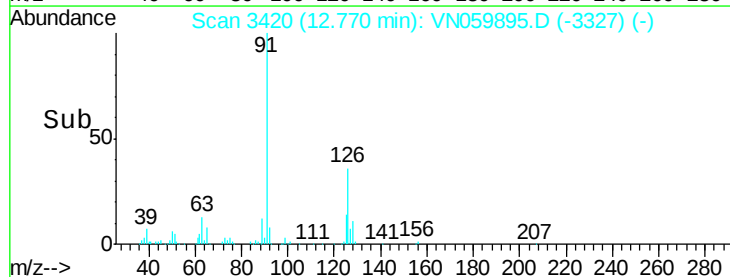
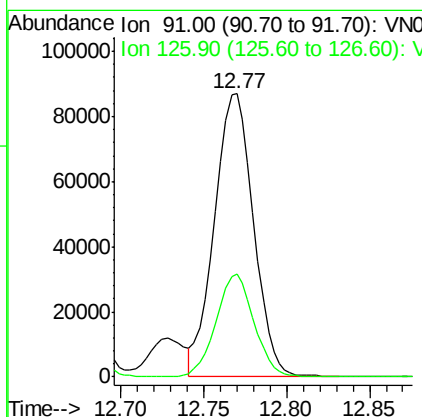
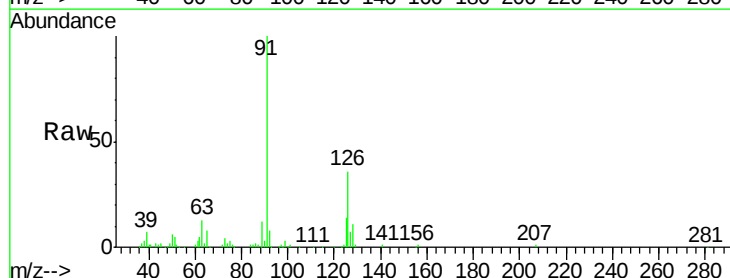
RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Tgt Ion:	91	Resp:	142182
Ion	Ratio	Lower	Upper
91	100		
126	35.4	16.3	48.8





#83

tert-Butylbenzene

Concen: 18.171 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Instrument :

MSVOA_N

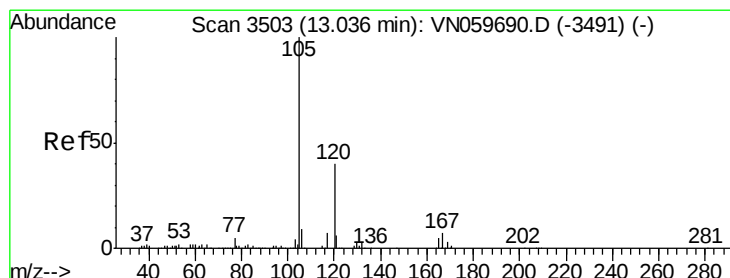
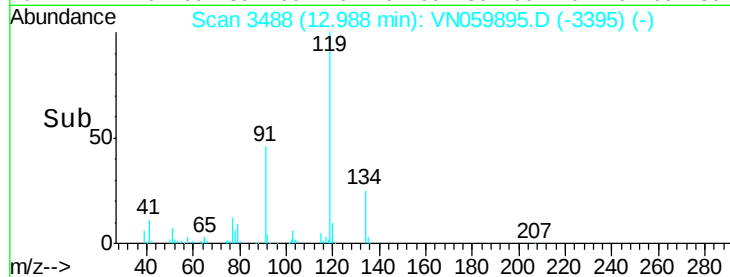
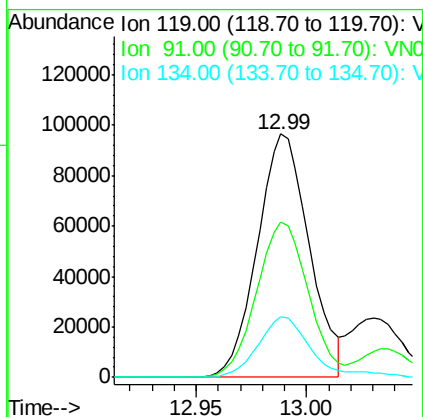
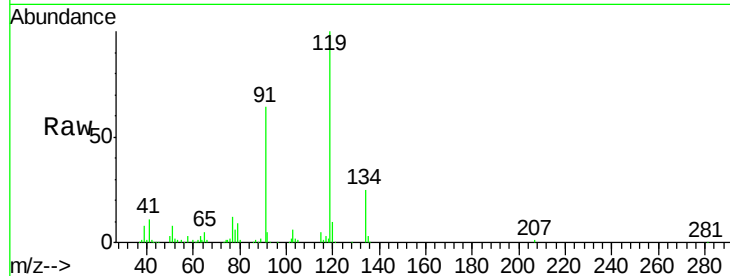
ClientSampleId :

VN0128WBSD01

Tot Ion:	119	Resp:	157103
Ion Ratio	Lower	Upper	
119	100		
91	64.0	34.8	104.4
134	25.6	12.3	36.9

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#84

1,2,4-Trimethylbenzene

Concen: 18.085 ug/l

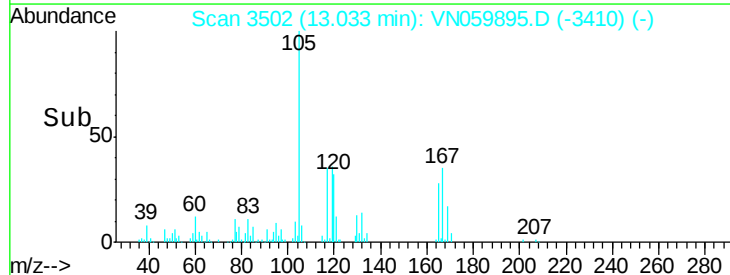
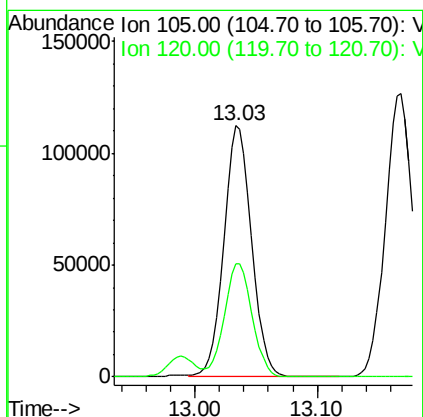
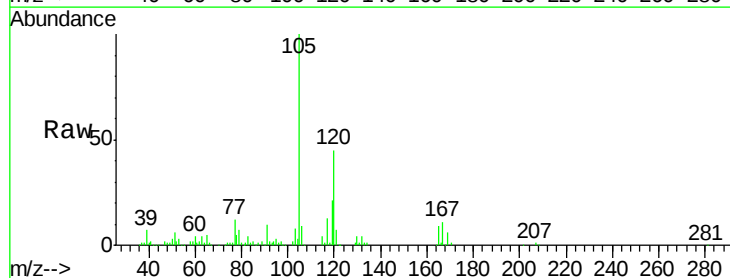
RT: 13.03 min Scan# 3502

Delta R.T. -0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Tgt Ion:	105	Resp:	178858
Ion Ratio	Lower	Upper	
105	100		
120	45.1	22.3	66.9





#85

sec-Butylbenzene

Concen: 17.788 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Instrument :

MSVOA_N

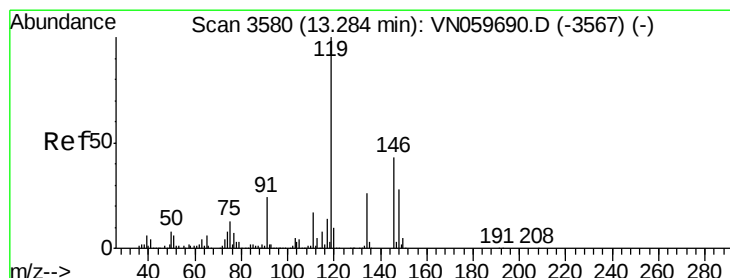
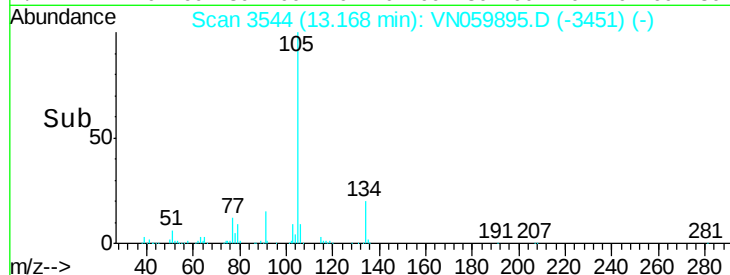
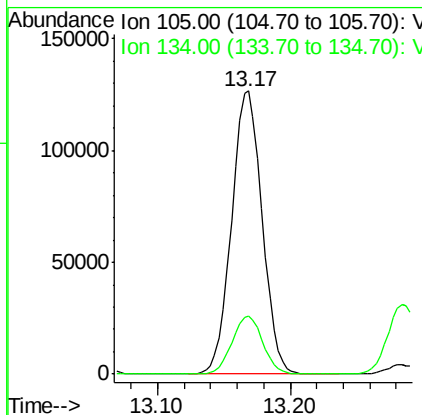
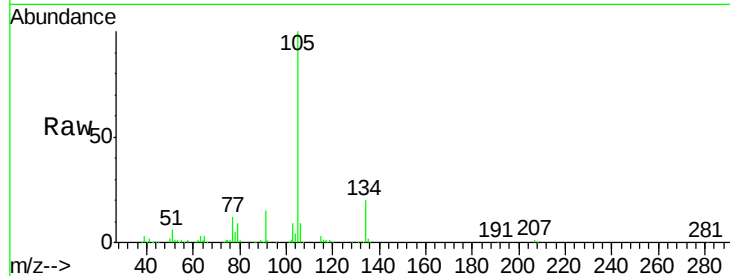
ClientSampleId :

VN0128WBSD01

Tot Ion:	105	Resp:	202054
Ion Ratio	Lower	Upper	
105	100		
134	20.6	9.8	29.5

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#86

p-Isopropyltoluene

Concen: 17.604 ug/l

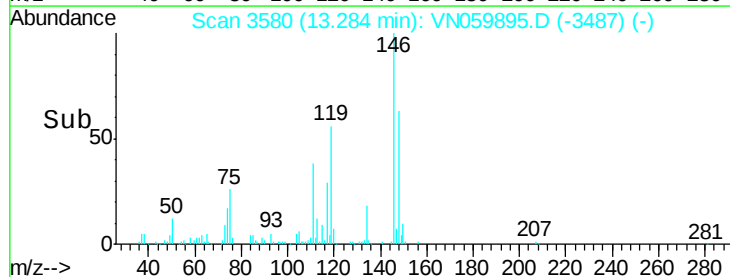
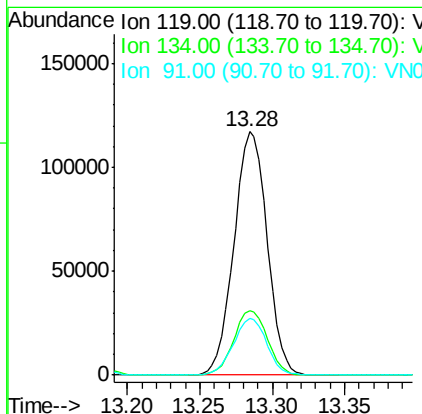
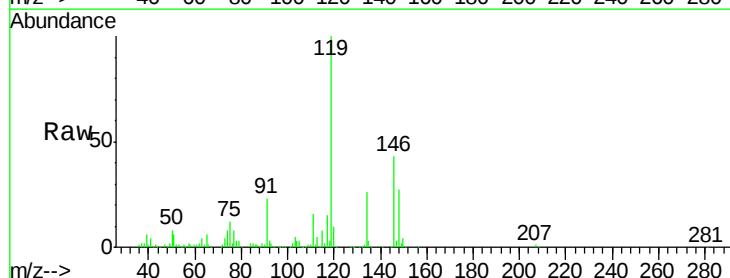
RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059895.D

Acq: 28 Jan 2020 14:19

Tgt Ion:	119	Resp:	185028
Ion Ratio	Lower	Upper	
119	100		
134	27.0	12.9	38.7
91	23.7	12.4	37.4





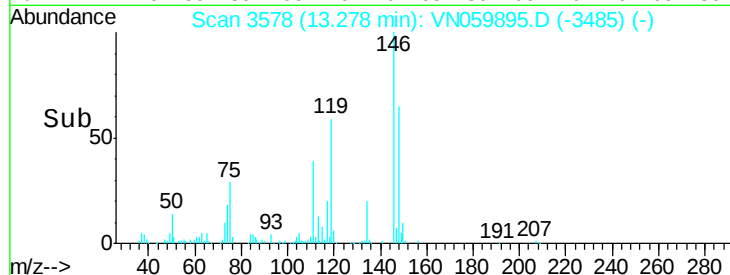
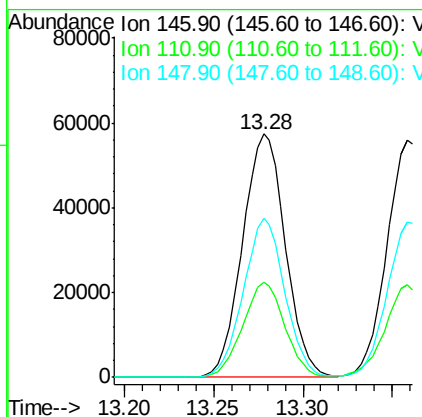
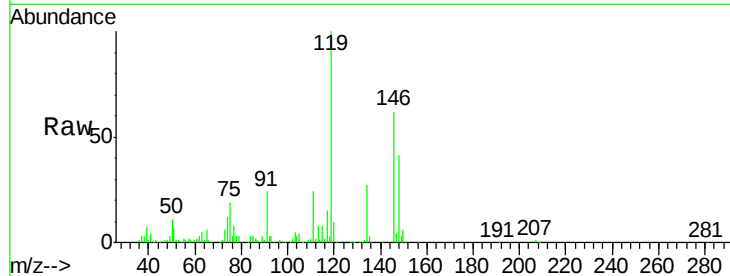
#87
 1,3-Dichlorobenzene
 Concen: 18.377 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	20.8	62.2
148	63.4	32.0	96.0

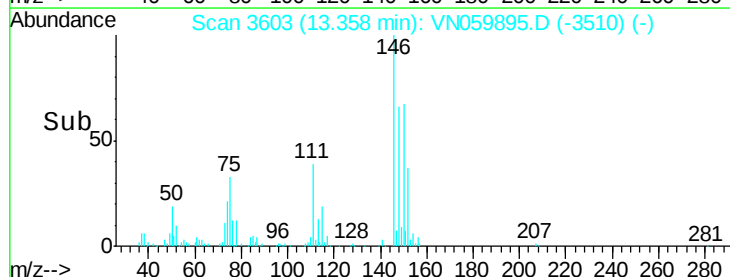
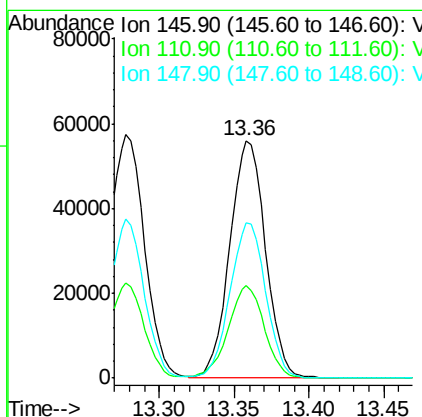
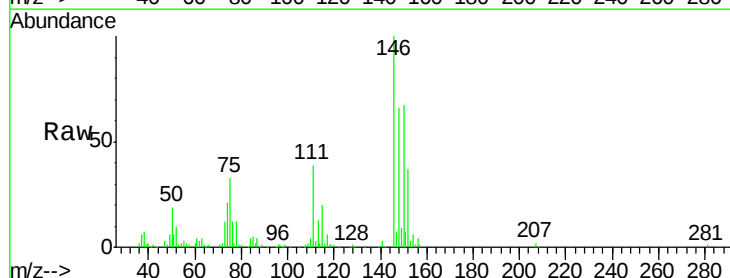
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#88
 1,4-Dichlorobenzene
 Concen: 17.850 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.8	62.2
148	65.7	31.8	95.4





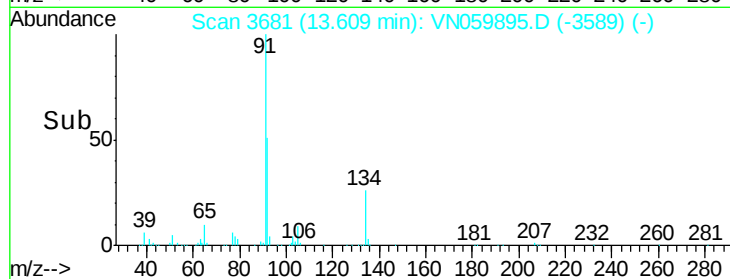
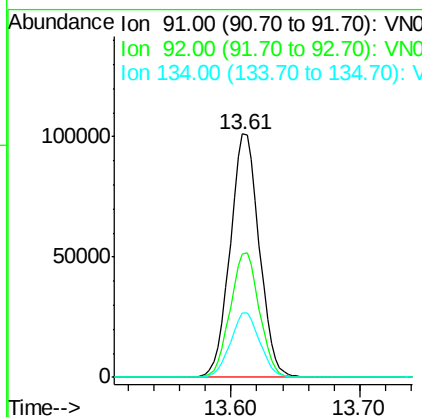
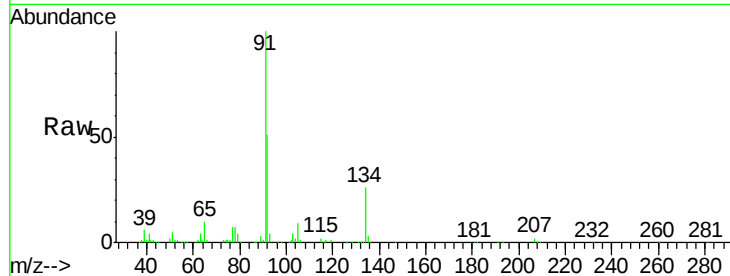
#89
n-Butylbenzene
Concen: 17.710 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.1	25.9	77.7
134	26.6	12.3	36.8

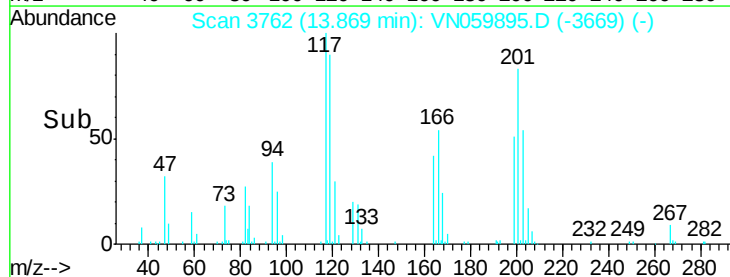
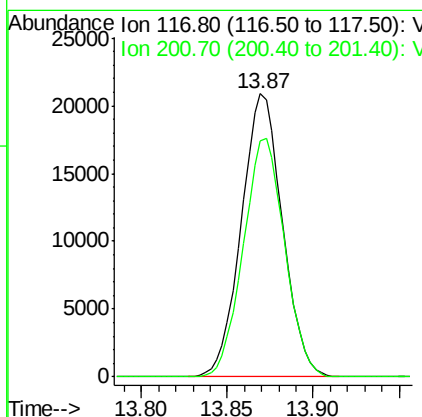
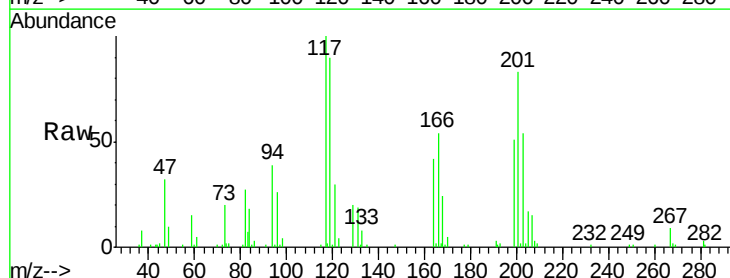
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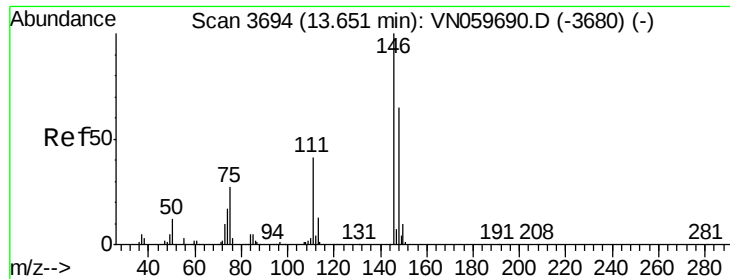
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#90
Hexachloroethane
Concen: 17.614 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.6	37.8	113.4





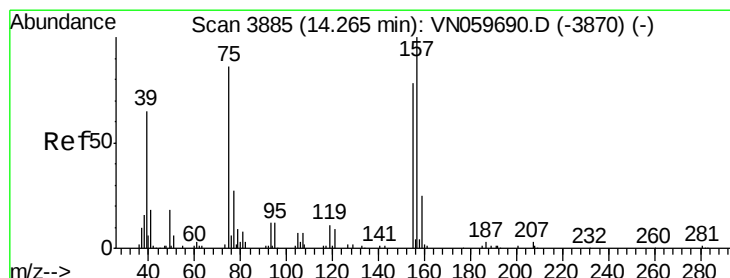
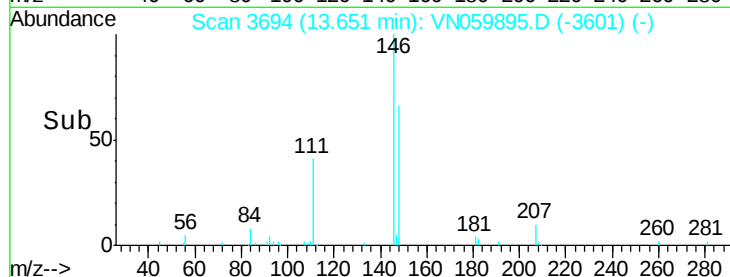
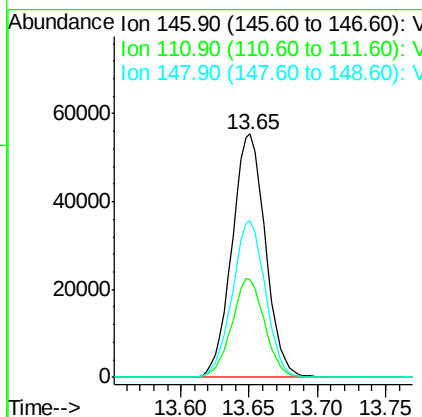
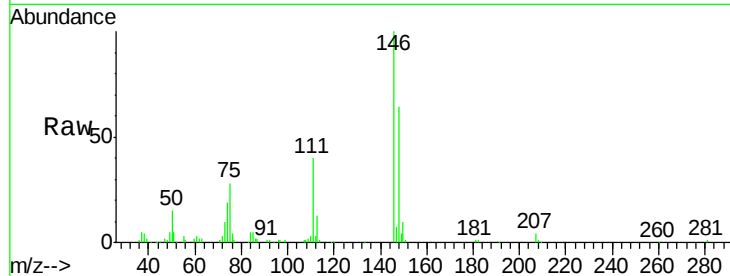
#91
 1,2-Dichlorobenzene
 Concen: 18.283 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

Instrument :
 MSVOA_N
 ClientSampled :
 VN0128WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	21.6	64.8
148	63.3	31.6	95.0

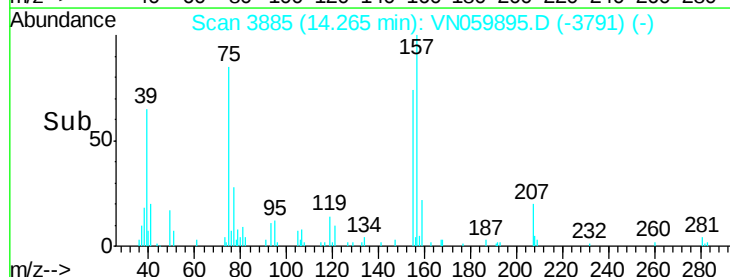
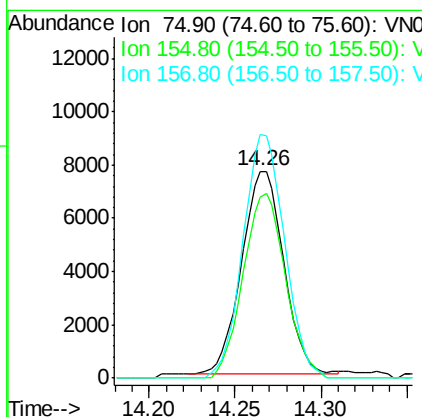
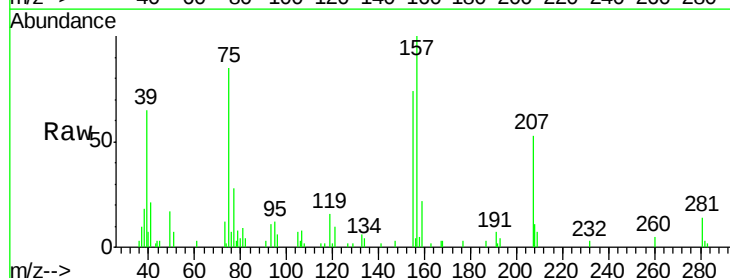
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.047 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.4	37.0	110.9
157	118.5	48.4	145.2





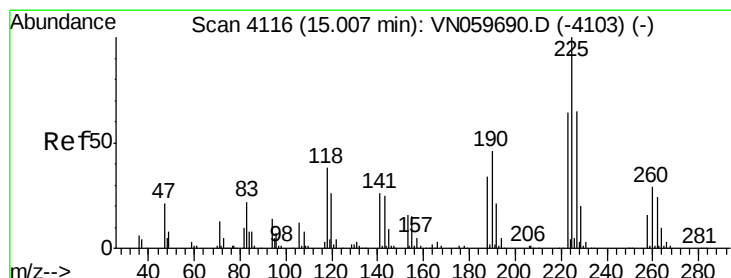
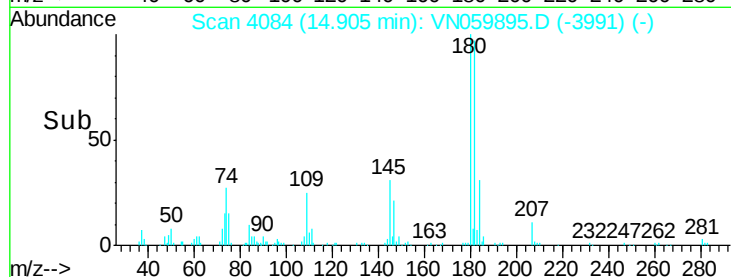
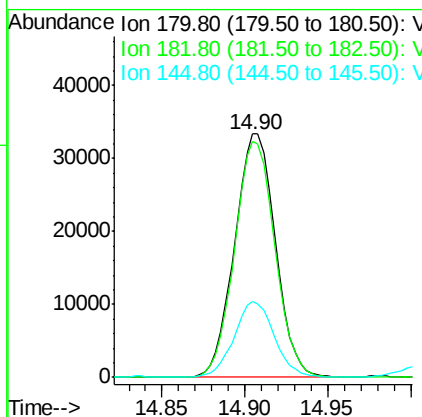
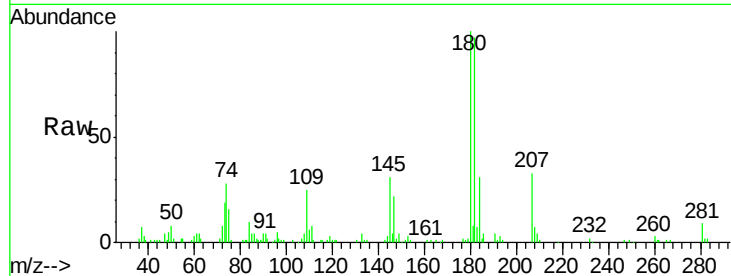
#93
 1,2,4-Trichlorobenzene
 Concen: 18.354 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	46.9	140.7
145	30.7	15.0	45.1

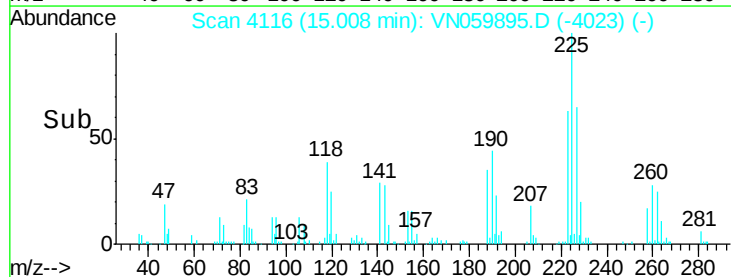
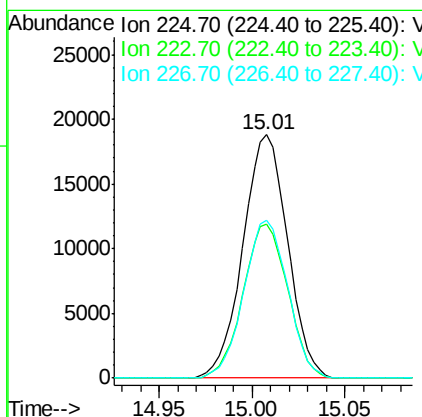
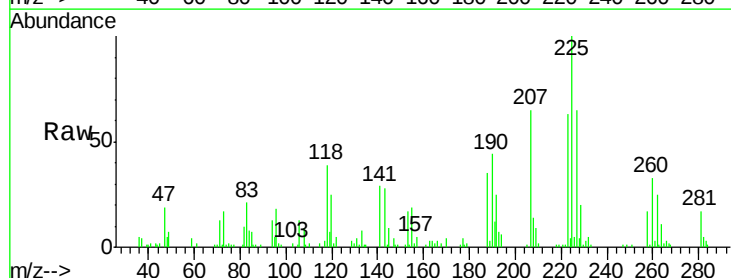
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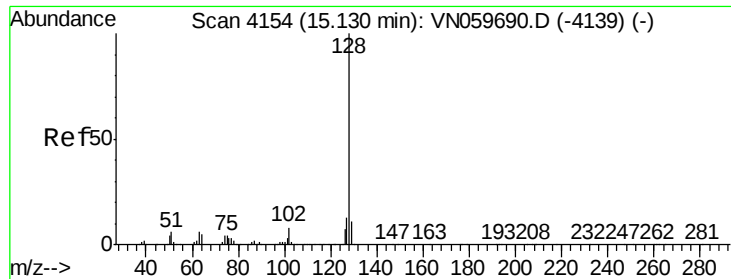
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#94
 Hexachlorobutadiene
 Concen: 18.381 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059895.D
 Acq: 28 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.8	95.3
227	63.7	32.1	96.5





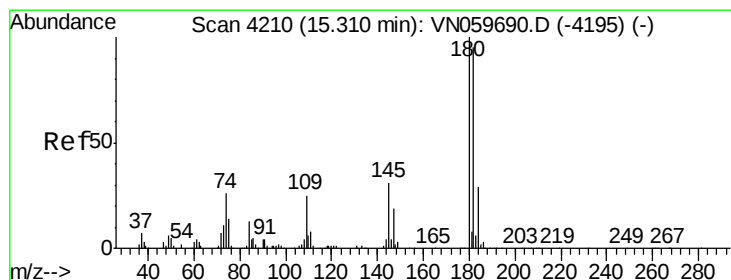
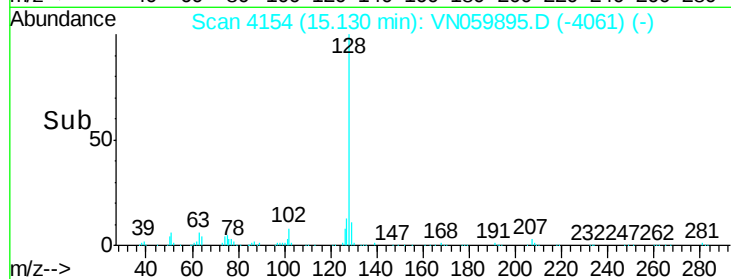
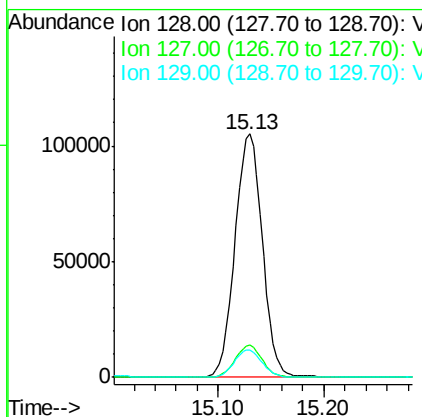
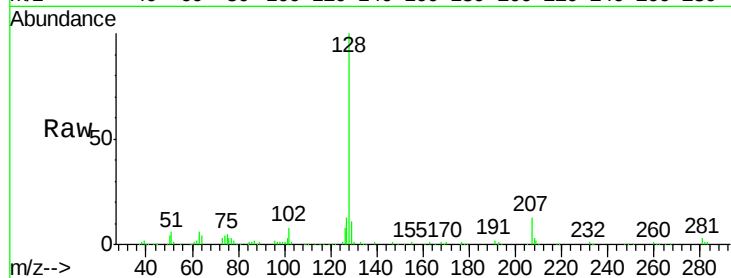
#95
Naphthalene
Concen: 21.455 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.4	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.347 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN059895.D
Acq: 28 Jan 2020 14:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.4	142.3
145	33.3	16.3	48.9

