

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101819\
 Data File : VN058853.D
 Acq On : 18 Oct 2019 13:23
 Operator : JC/SP
 Sample : VN1018WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1018WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/21/2019 10:43:10 AM

Quant Time: Oct 21 07:13:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 18 11:02:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	405566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	666136	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	621415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	287135	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	307341	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
35) Dibromofluoromethane	7.57	113	216851	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
50) Toluene-d8	10.08	98	857695	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
62) 4-Bromofluorobenzene	12.40	95	307428	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	100015	19.779	ug/l	100
3) Chloromethane	2.04	50	122252	19.521	ug/l	98
4) Vinyl Chloride	2.17	62	121450	19.531	ug/l	99
5) Bromomethane	2.55	94	77924	20.382	ug/l	95
6) Chloroethane	2.69	64	77798	19.918	ug/l	98
7) Trichlorofluoromethane	3.00	101	151933	19.747	ug/l	100
8) Diethyl Ether	3.39	74	53480	20.114	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	82377	19.313	ug/l	98
10) Methyl Iodide	3.93	142	105752	18.851	ug/l	100
11) Tert butyl alcohol	4.75	59	94967	96.209	ug/l	100
12) 1,1-Dichloroethene	3.72	96	79196	19.808	ug/l	90
13) Acrolein	3.59	56	71841	105.924	ug/l	98
14) Allyl chloride	4.30	41	159135	19.670	ug/l	98
15) Acrylonitrile	4.96	53	248429	100.055	ug/l	100
16) Acetone	3.79	43	278412	94.721	ug/l	99
17) Carbon Disulfide	4.03	76	246463	19.137	ug/l	99
18) Methyl Acetate	4.30	43	132416	19.815	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	276371	19.741	ug/l	95
20) Methylene Chloride	4.53	84	94718	18.872	ug/l	99
21) trans-1,2-Dichloroethene	5.02	96	86356	19.558	ug/l	96
22) Diisopropyl ether	5.93	45	315808	19.957	ug/l	97
23) Vinyl Acetate	5.87	43	1350346	106.211	ug/l	99
24) 1,1-Dichloroethane	5.83	63	177753	19.372	ug/l	99
25) 2-Butanone	6.81	43	371769	97.437	ug/l	99
26) 2,2-Dichloropropane	6.80	77	152756	19.247	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	98870	19.602	ug/l	100
28) Bromochloromethane	7.17	49	59613	19.508	ug/l	95
29) Tetrahydrofuran	7.19	42	240856	103.192	ug/l	98
30) Chloroform	7.36	83	174295	18.937	ug/l	97
31) Cyclohexane	7.64	56	168227	19.680	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	150862	19.446	ug/l	99
36) 1,1-Dichloropropene	7.78	75	134086	19.661	ug/l	100
37) Ethyl Acetate	6.90	43	151190	19.476	ug/l	99
38) Carbon Tetrachloride	7.76	117	133607	19.017	ug/l	99

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 Misc : 5.00mL/MSVOA_N/WATER
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Manual Integrations
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Quant Time: Oct 21 07:13:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 18 11:02:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	151378	19.768	ug/l	99
40) Benzene	8.02	78	390518	19.500	ug/l	100
41) Methacrylonitrile	7.17	41	83154m	19.592	ug/l	
42) 1,2-Dichloroethane	8.11	62	150018	19.447	ug/l	100
43) Isopropyl Acetate	8.15	43	236335	19.831	ug/l	99
44) Trichloroethene	8.82	130	92730	19.008	ug/l	99
45) 1,2-Dichloropropane	9.11	63	108076	19.681	ug/l	100
46) Dibromomethane	9.20	93	67732	19.510	ug/l	98
47) Bromodichloromethane	9.39	83	138057	19.295	ug/l	99
48) Methyl methacrylate	9.19	41	105925	19.590	ug/l	99
49) 1,4-Dioxane	9.19	88	34927	393.492	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	746572	107.250	ug/l	97
52) Toluene	10.15	92	239636	20.178	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	152302	19.228	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	164489	19.437	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	93257	19.062	ug/l	98
56) Ethyl methacrylate	10.43	69	143147	19.901	ug/l	99
57) 1,3-Dichloropropane	10.70	76	166296	19.367	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	315646	101.136	ug/l	99
59) 2-Hexanone	10.75	43	564557	104.955	ug/l	98
60) Dibromochloromethane	10.90	129	102510	19.467	ug/l	100
61) 1,2-Dibromoethane	11.00	107	96705	19.315	ug/l	99
64) Tetrachloroethene	10.63	164	84298	19.370	ug/l	98
65) Chlorobenzene	11.43	112	245181	19.380	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	92573	19.391	ug/l	99
67) Ethyl Benzene	11.51	91	448708	20.218	ug/l	100
68) m/p-Xylenes	11.62	106	331525	40.281	ug/l	98
69) o-Xylene	11.95	106	155071	19.756	ug/l	98
70) Styrene	11.97	104	253963	19.837	ug/l	98
71) Bromoform	12.13	173	68440	18.487	ug/l #	99
73) Isopropylbenzene	12.25	105	427884	20.391	ug/l	100
74) N-amyl acetate	12.07	43	197423	20.752	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	147813	20.033	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	162232m	16.234	ug/l	
77) Bromobenzene	12.53	156	101028	19.533	ug/l	99
78) n-propylbenzene	12.59	91	507260	20.451	ug/l	100
79) 2-Chlorotoluene	12.68	91	296621	19.539	ug/l	98
80) 1,3,5-Trimethylbenzene	12.74	105	363591	20.623	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	48013	18.795	ug/l	92
82) 4-Chlorotoluene	12.78	91	304581	19.633	ug/l	99
83) tert-Butylbenzene	13.00	119	302489	20.064	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	356741	20.514	ug/l	99
85) sec-Butylbenzene	13.18	105	409788	20.387	ug/l	99
86) p-Isopropyltoluene	13.29	119	366140	20.644	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	178975	19.352	ug/l	98
88) 1,4-Dichlorobenzene	13.37	146	181589	19.611	ug/l	99
89) n-Butylbenzene	13.62	91	323561	19.860	ug/l	99
90) Hexachloroethane	13.88	117	69171	19.247	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	179430	19.739	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	32502	19.476	ug/l	93

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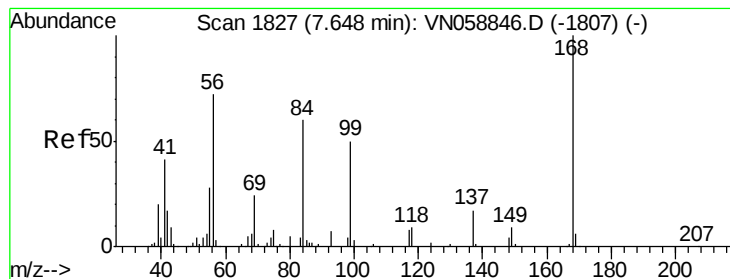
Manual Integrations
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10/21/2019 10:43:10 AM

Quant Time: Oct 21 07:13:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 18 11:02:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	97067	19.365	ug/l	99
94) Hexachlorobutadiene	15.01	225	55860	18.960	ug/l	99
95) Naphthalene	15.13	128	267733	19.135	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	96366	19.559	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBS01

Tgt Ion: 168 Resp: 405566

Ion Ratio Lower Upper

168 100

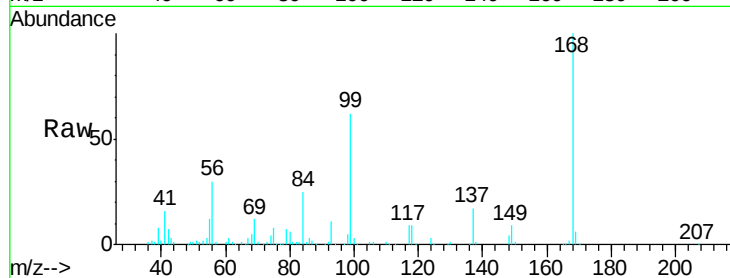
99 61.6 47.5 71.3

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Abundance Ion 167.90 (167.60 to 168.60): VN058846.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN058846.D (-1807) (-)

7.65

150000

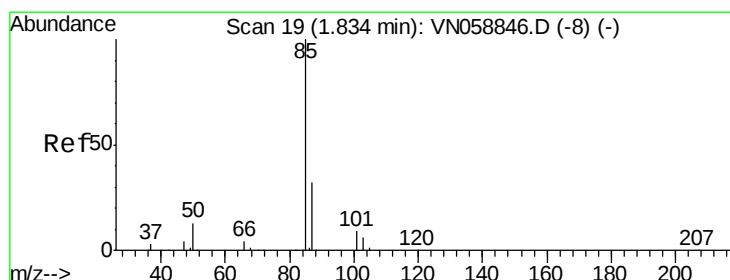
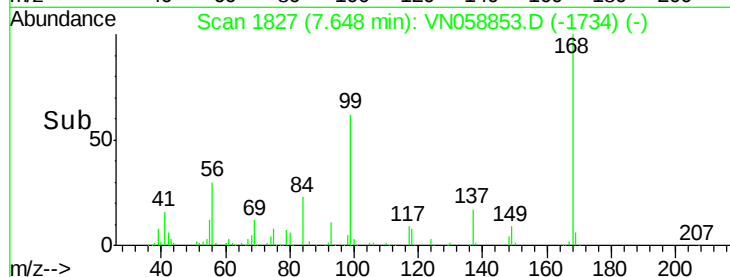
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.779 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN058853.D

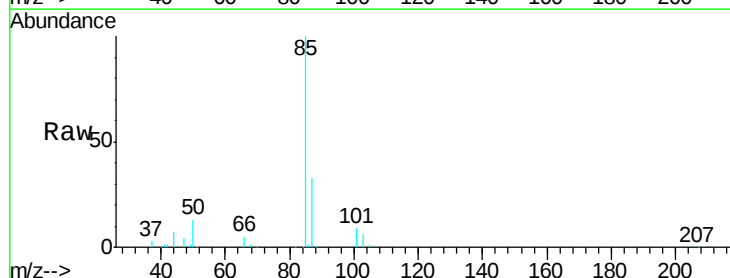
Acq: 18 Oct 2019 13:23

Tgt Ion: 85 Resp: 100015

Ion Ratio Lower Upper

85 100

87 32.5 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VN058846.D (-8) (-)

Ion 86.90 (86.60 to 87.60): VN058846.D (-8) (-)

1.83

60000

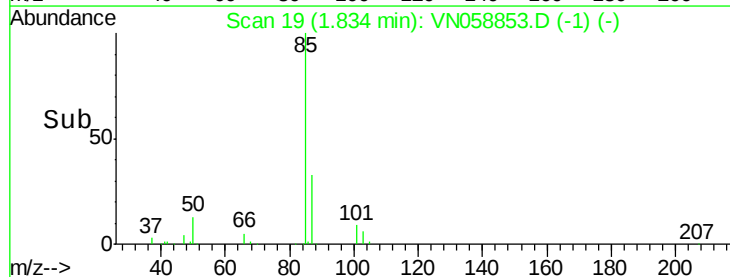
40000

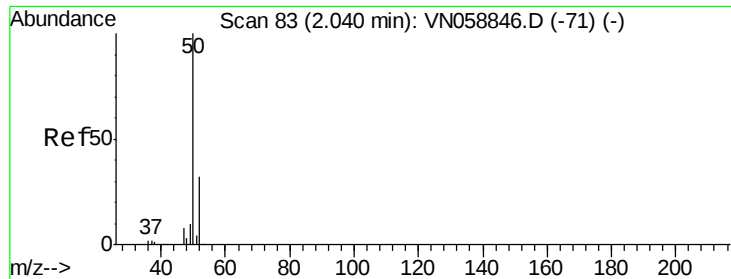
20000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 19.521 ug/l

RT: 2.04 min Scan# 84

Delta R.T. 0.00 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBS01

Tgt Ion: 50 Resp: 122252

Ion Ratio Lower Upper

50 100

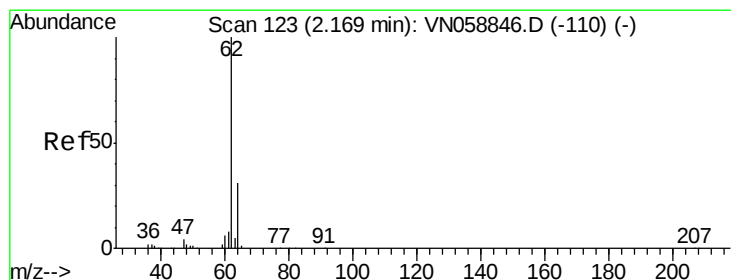
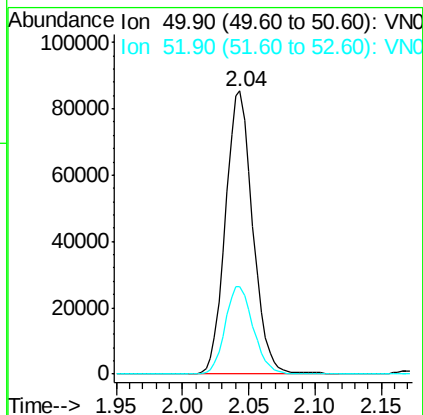
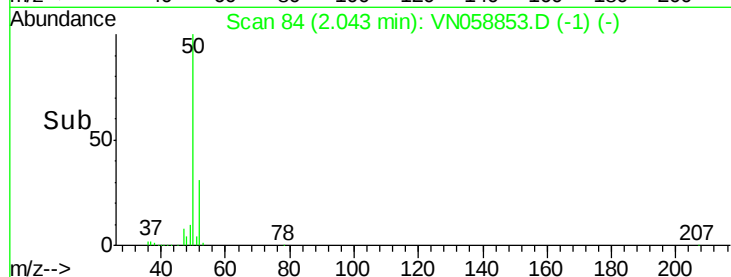
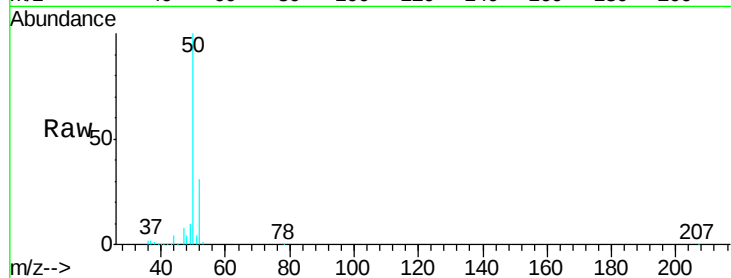
52 31.0 25.8 38.6

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#4

Vinyl Chloride

Concen: 19.531 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN058853.D

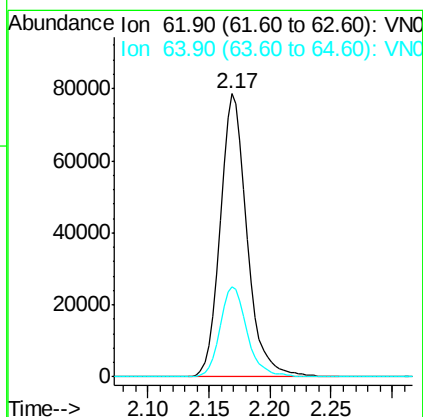
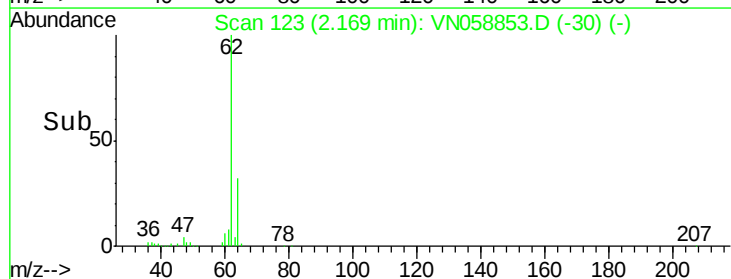
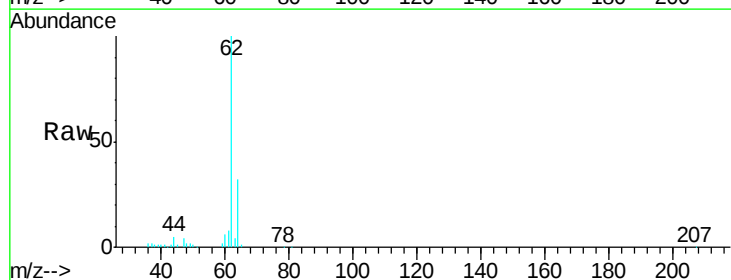
Acq: 18 Oct 2019 13:23

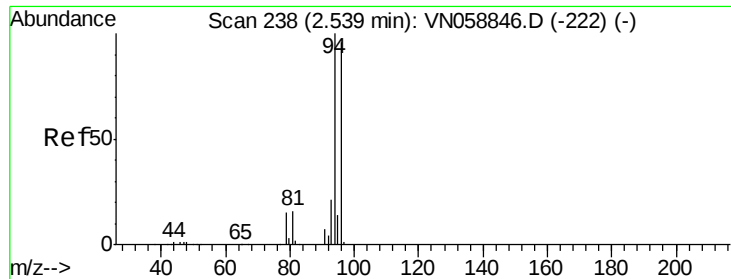
Tgt Ion: 62 Resp: 121450

Ion Ratio Lower Upper

62 100

64 31.9 25.3 37.9





#5

Bromomethane

Concen: 20.382 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBS01

Tgt Ion: 94 Resp: 77924

Ion Ratio Lower Upper

94 100

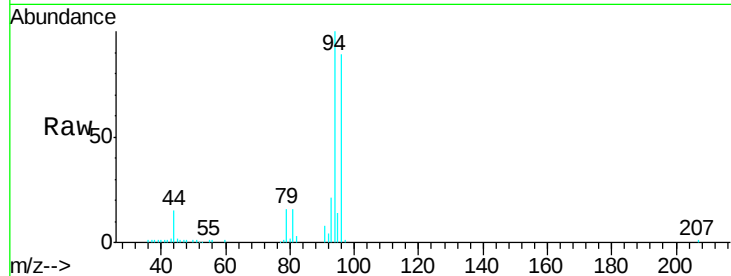
96 88.4 74.5 111.7

Manual Integrations

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10/21/2019 10:43:10 AM



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

40000

30000

20000

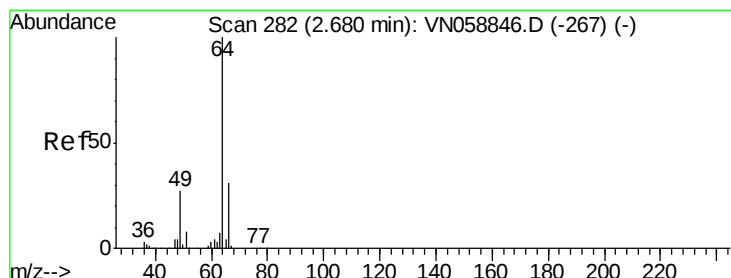
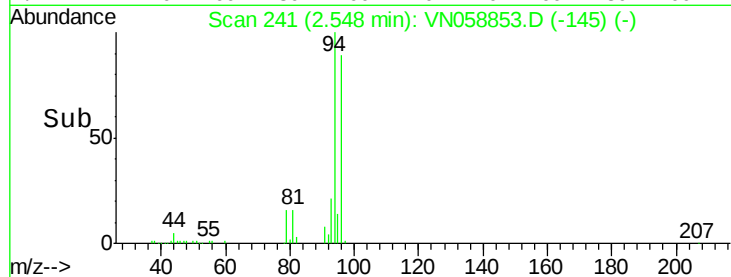
10000

0

2.55

2.60

Time-->



#6

Chloroethane

Concen: 19.918 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN058853.D

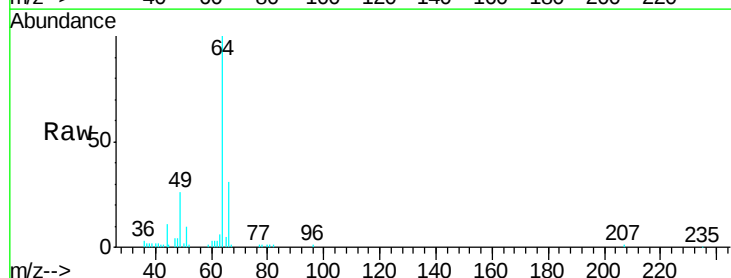
Acq: 18 Oct 2019 13:23

Tgt Ion: 64 Resp: 77798

Ion Ratio Lower Upper

64 100

66 30.5 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

40000

30000

20000

10000

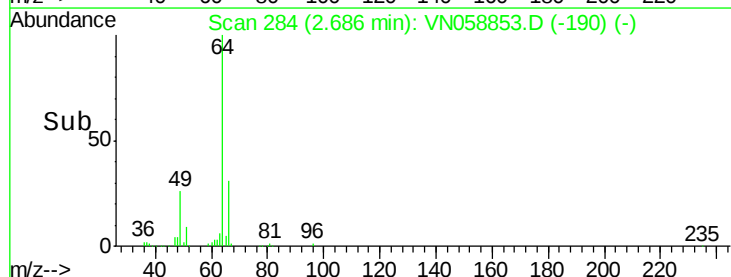
0

2.69

2.70

2.80

Time-->





#7

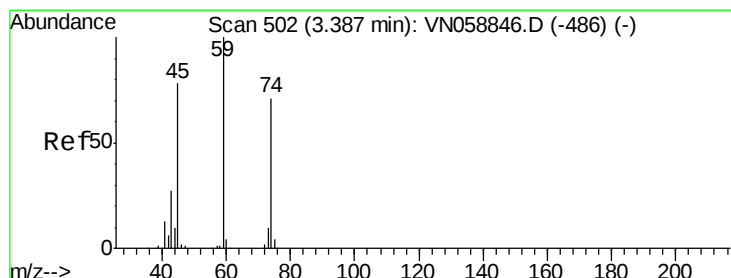
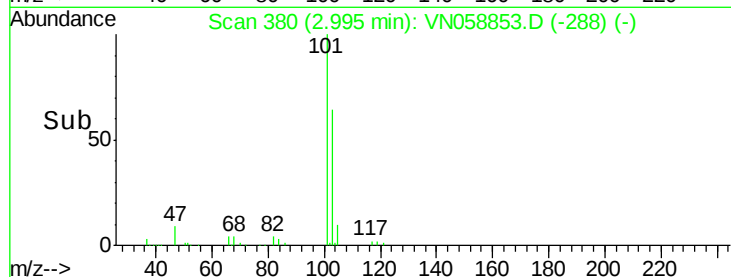
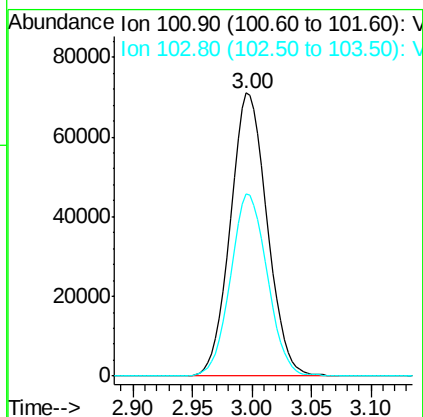
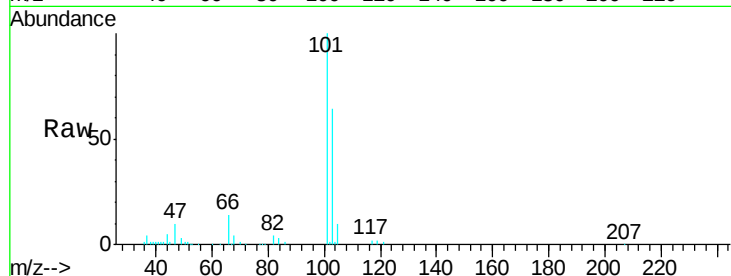
Trichlorofluoromethane
 Concen: 19.747 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VN058853.D
 Acq: 18 Oct 2019 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1018WBS01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.8	77.6

Manual Integrations
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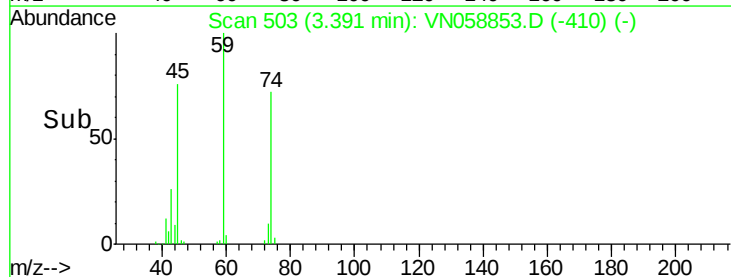
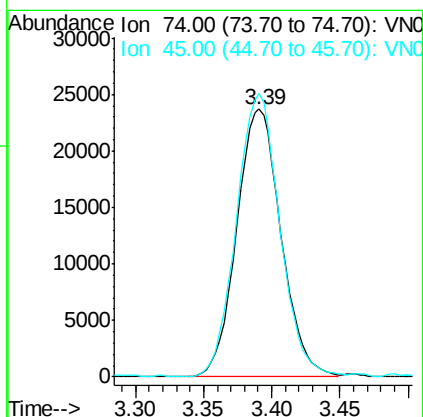
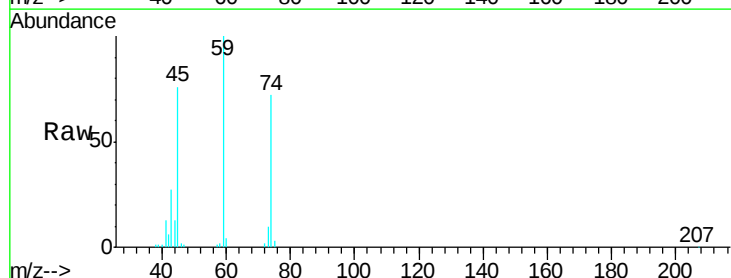
MMDadoda
 10/21/2019 10:43:10 AM

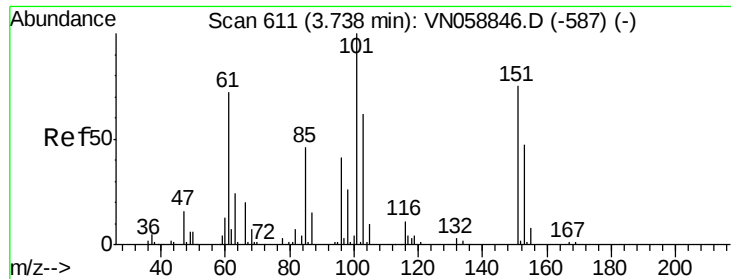


#8

Diethyl Ether
 Concen: 20.114 ug/l
 RT: 3.39 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: VN058853.D
 Acq: 18 Oct 2019 13:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.9	51.3	154.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.313 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

Instrument :

MSVOA_N

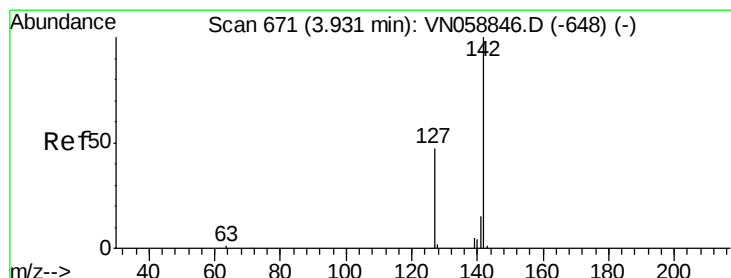
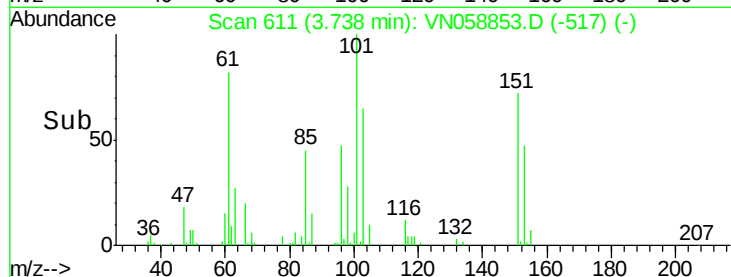
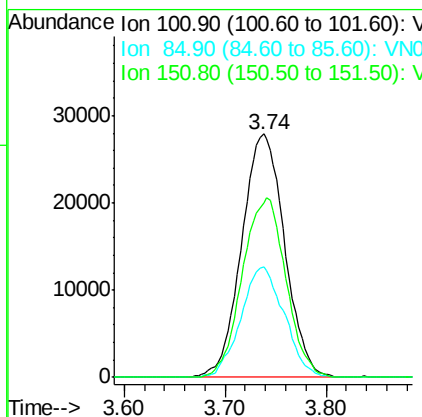
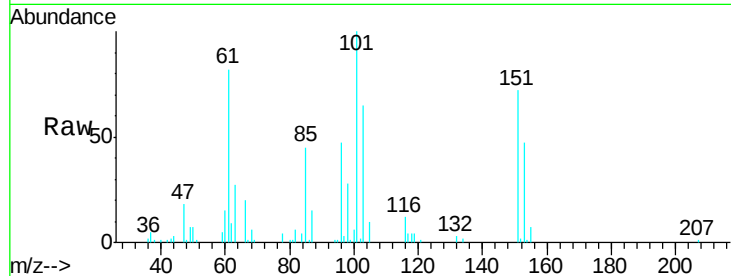
ClientSampleId :

VN1018WBS01

Tgt Ion:	101	Resp:	82377
Ion Ratio	Lower	Upper	
101	100		
85	45.5	37.0	55.6
151	74.7	61.8	92.6

Manual Integrations
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10/21/2019 10:43:10 AM



#10

Methyl Iodide

Concen: 18.851 ug/l

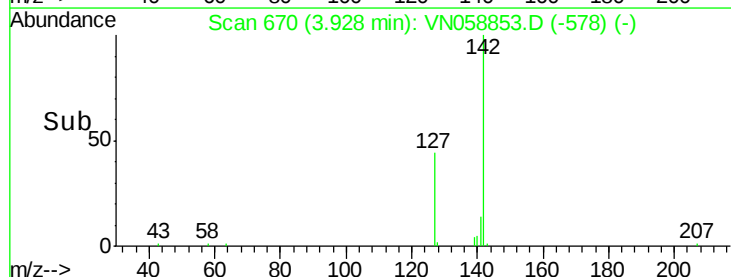
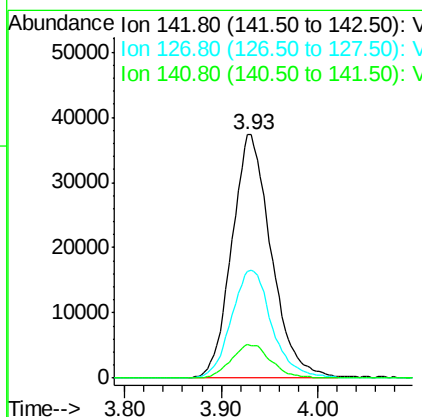
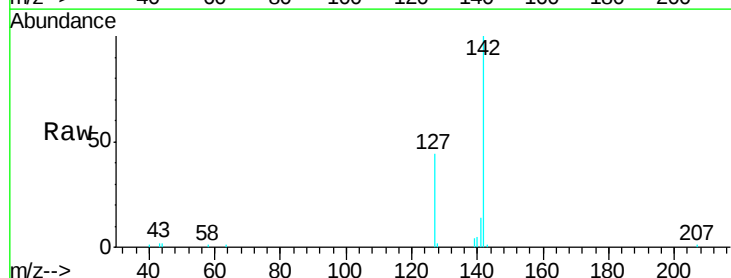
RT: 3.93 min Scan# 670

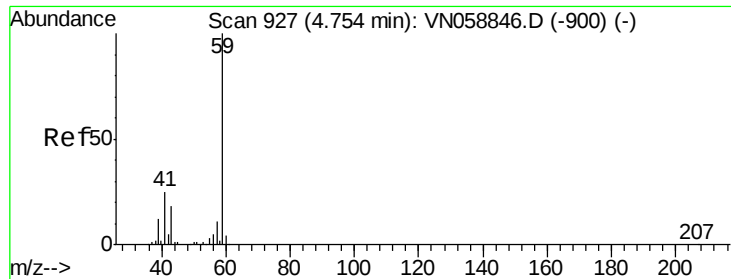
Delta R.T. -0.00 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

Tgt Ion:	142	Resp:	105752
Ion Ratio	Lower	Upper	
142	100		
127	45.4	36.4	54.6
141	13.9	11.1	16.7





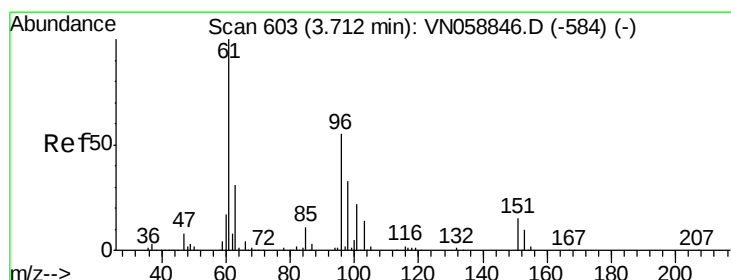
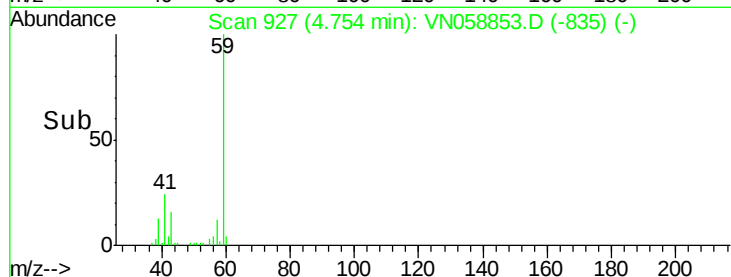
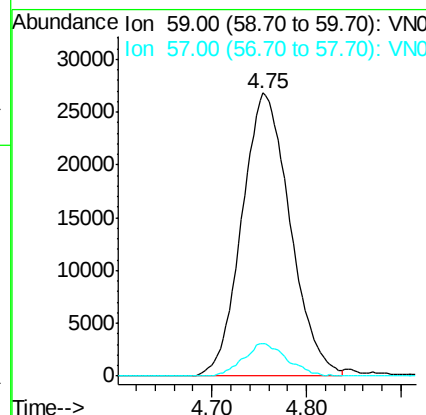
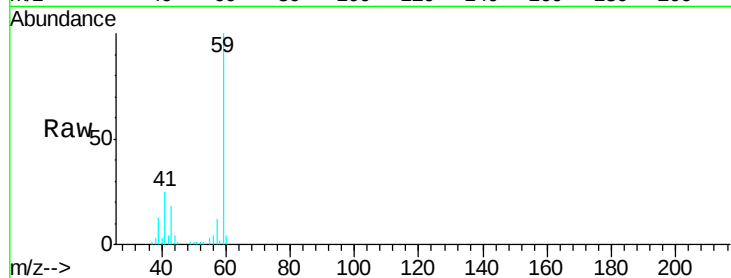
#11
Tert butyl alcohol
Concen: 96.209 ug/l
RT: 4.75 min Scan# 927
Delta R.T. -0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBS01

Tgt Ion: 59 Resp: 94967
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6

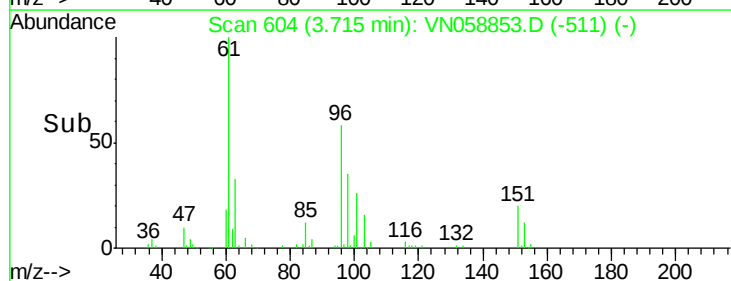
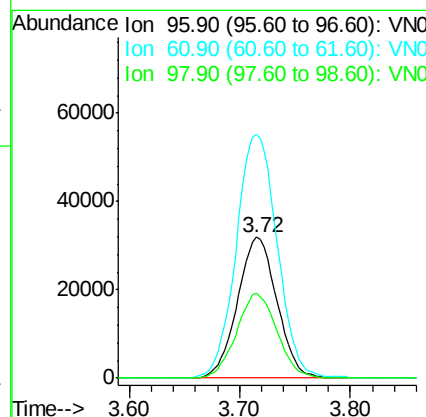
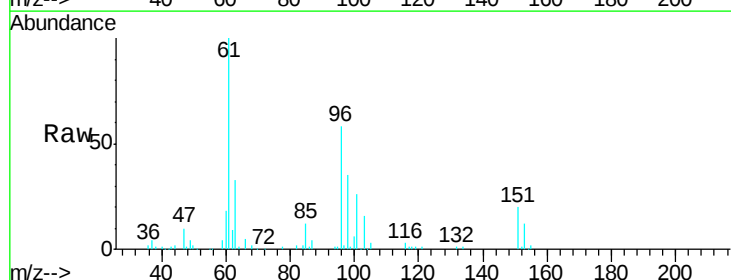
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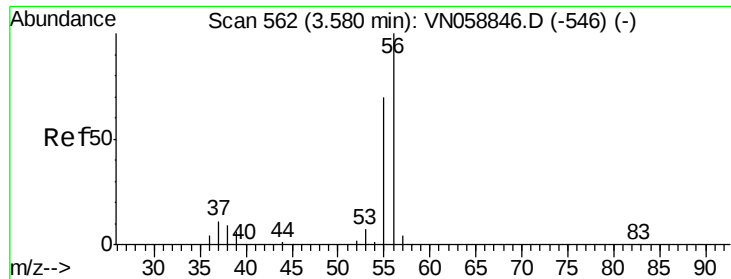
MMDadoda
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#12
1,1-Dichloroethene
Concen: 19.808 ug/l
RT: 3.72 min Scan# 604
Delta R.T. -0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Tgt Ion: 96 Resp: 79196
Ion Ratio Lower Upper
96 100
61 173.2 151.3 226.9
98 60.2 52.6 78.8





#13

Acrolein

Concen: 105.924 ug/l

RT: 3.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBS01

Tgt Ion: 56 Resp: 71841

Ion Ratio Lower Upper

56 100

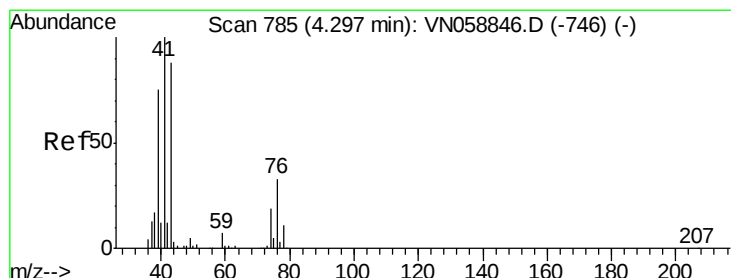
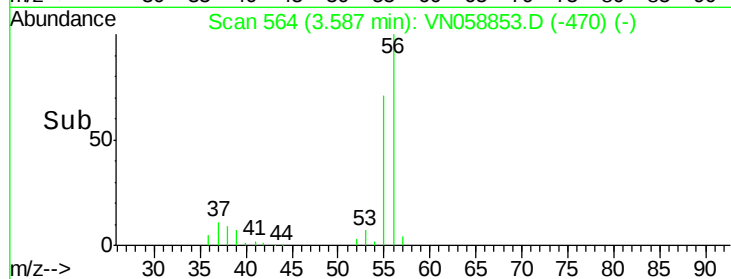
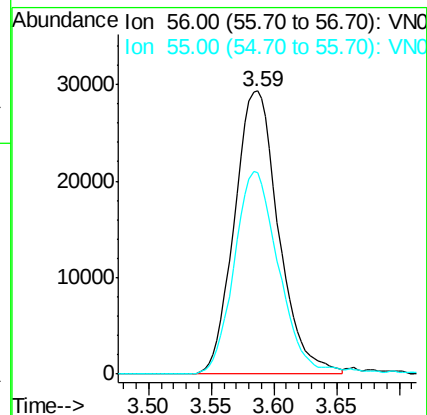
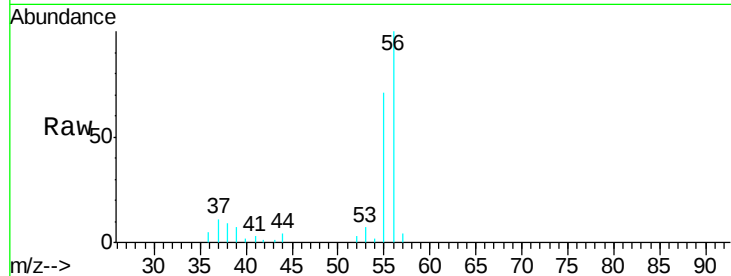
55 72.4 56.7 85.1

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#14

Allyl chloride

Concen: 19.670 ug/l

RT: 4.30 min Scan# 786

Delta R.T. -0.00 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

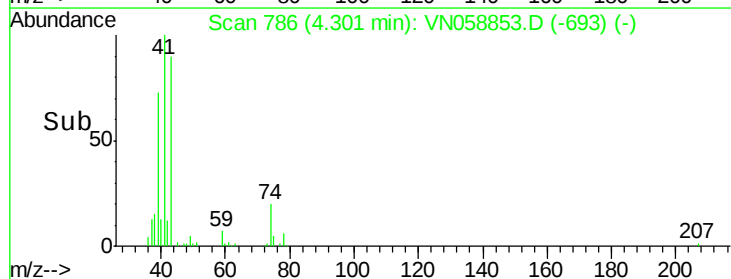
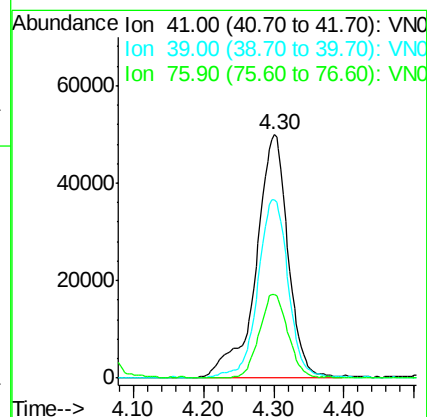
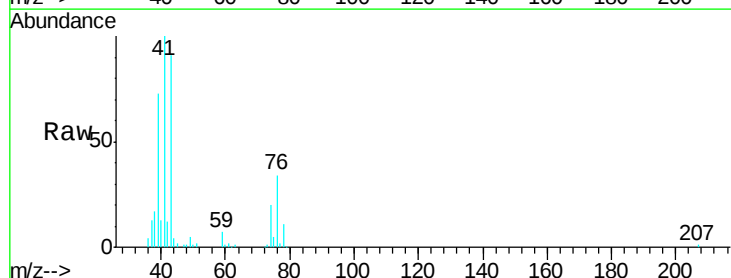
Tgt Ion: 41 Resp: 159135

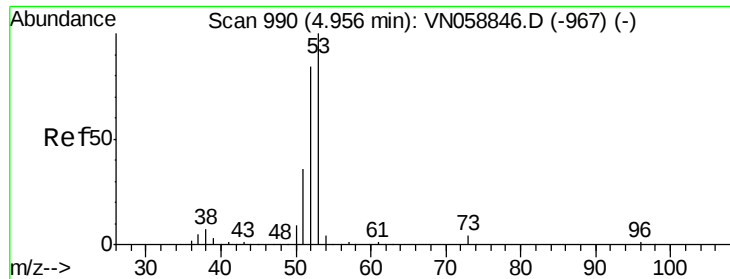
Ion Ratio Lower Upper

41 100

39 69.6 57.2 85.8

76 30.5 25.0 37.6





#15

Acrylonitrile

Concen: 100.055 ug/l

RT: 4.96 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

Instrument :

MSVOA_N

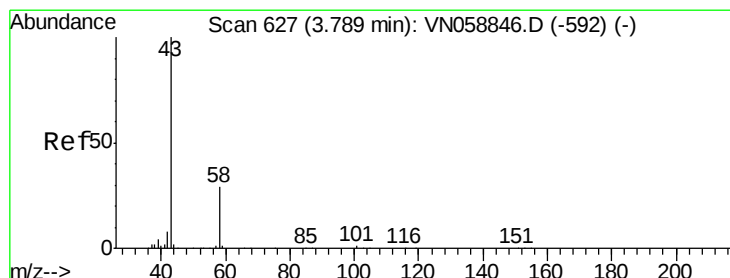
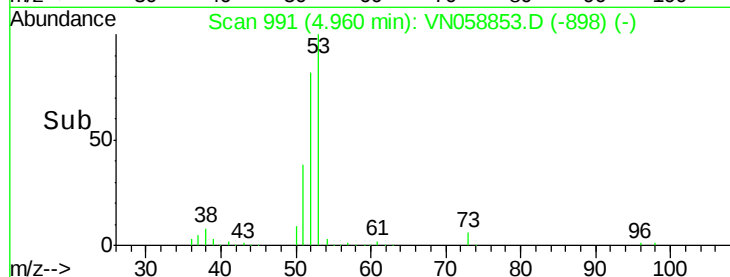
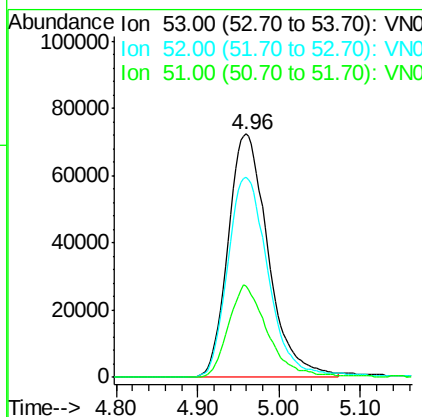
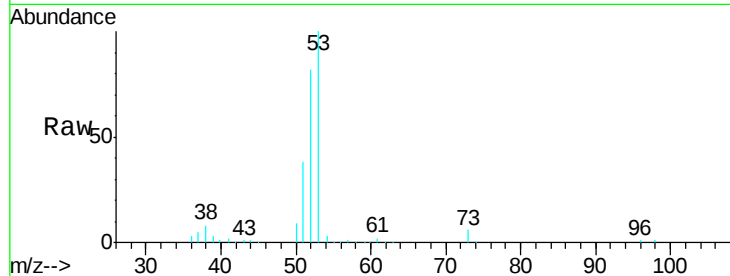
ClientSampleId :

VN1018WBS01

Tgt Ion:	53	Resp:	248429
Ion Ratio		Lower	Upper
53	100		
52	82.6	66.2	99.2
51	37.3	29.4	44.2

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#16

Acetone

Concen: 94.721 ug/l

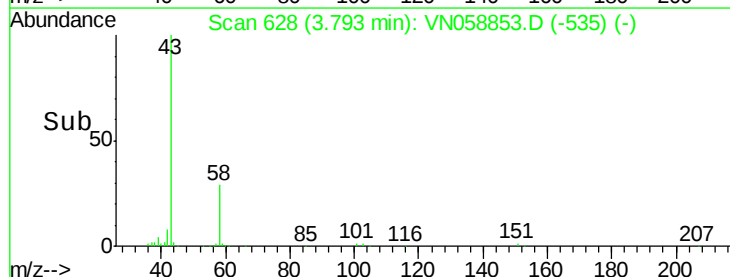
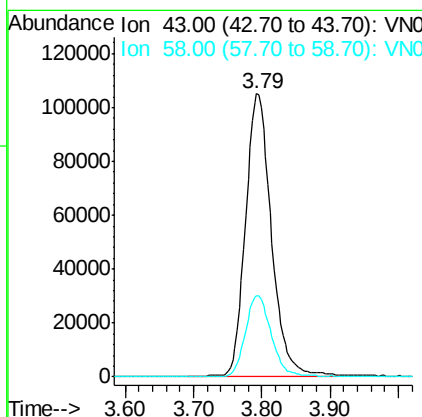
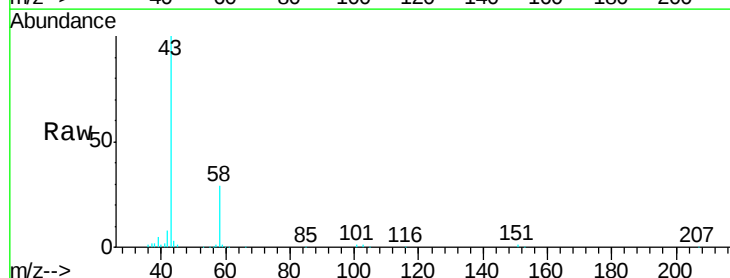
RT: 3.79 min Scan# 628

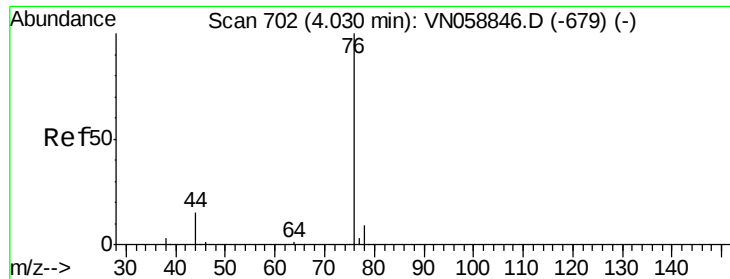
Delta R.T. -0.00 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

Tgt Ion:	43	Resp:	278412
Ion Ratio		Lower	Upper
43	100		
58	28.8	23.3	34.9





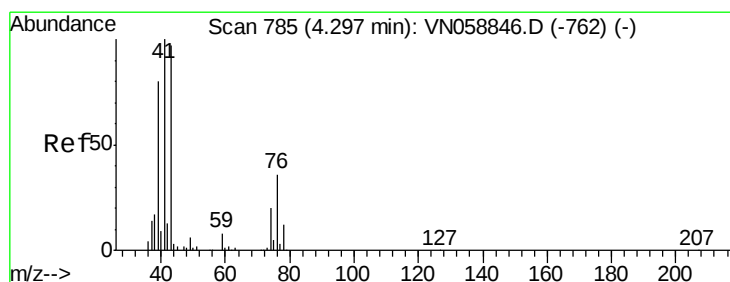
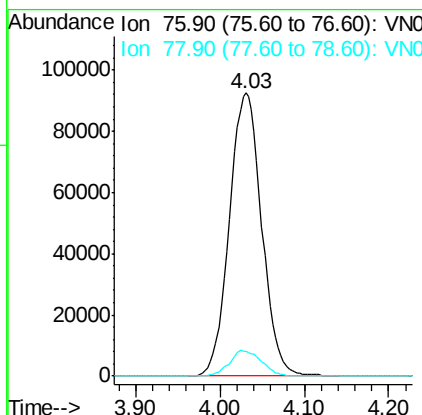
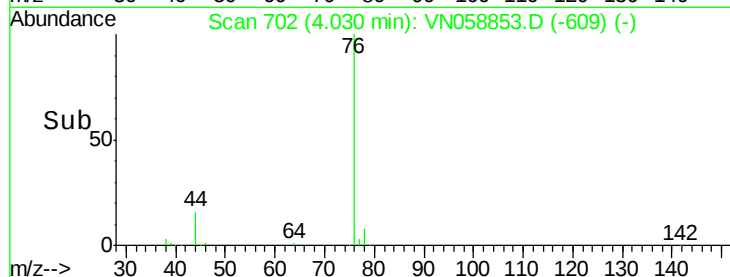
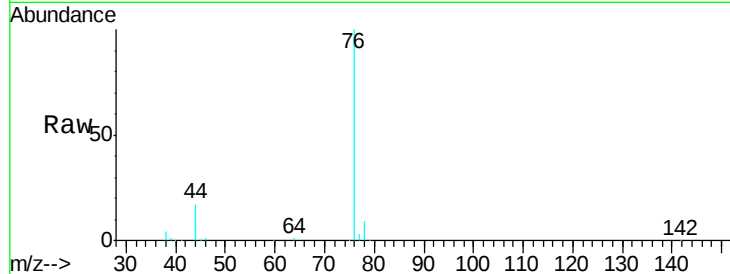
#17
Carbon Disulfide
Concen: 19.137 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBS01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.1	10.7

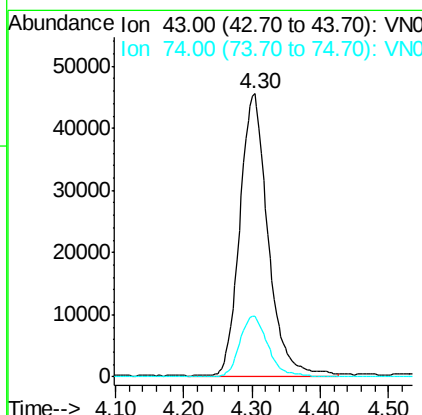
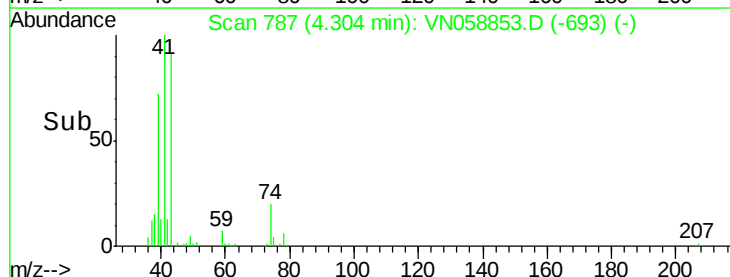
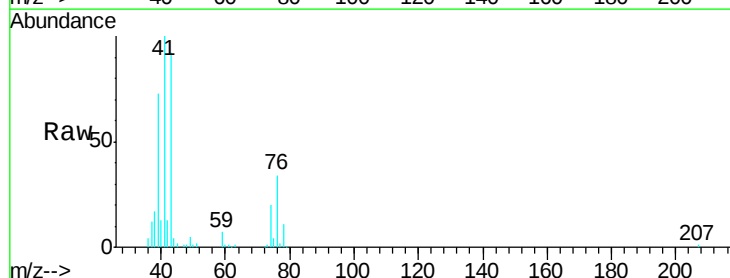
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#18
Methyl Acetate
Concen: 19.815 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.0	17.2	25.8





#19

Methyl tert-butyl Ether

Concen: 19.741 ug/l

RT: 5.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBS01

Tgt Ion: 73 Resp: 276371

Ion Ratio Lower Upper

73 100

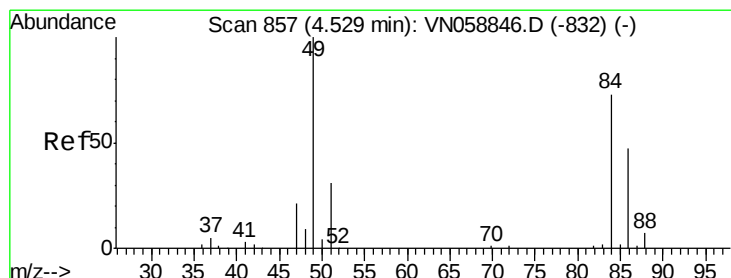
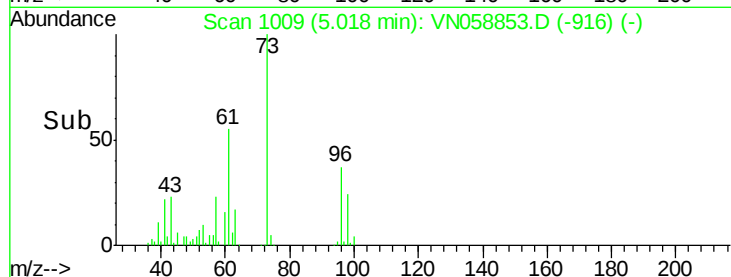
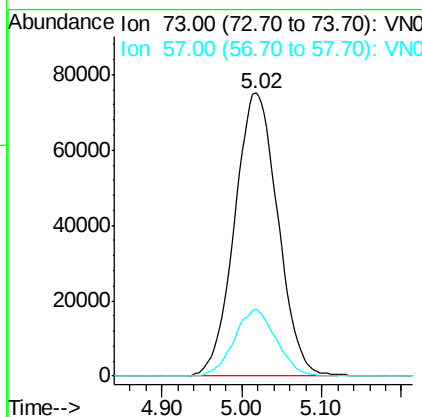
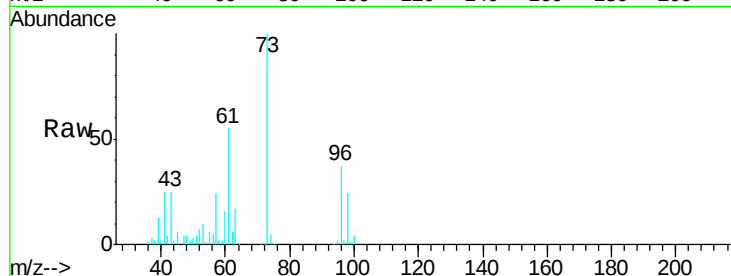
57 23.6 17.0 25.6

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#20

Methylene Chloride

Concen: 18.872 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

Tgt Ion: 84 Resp: 94718

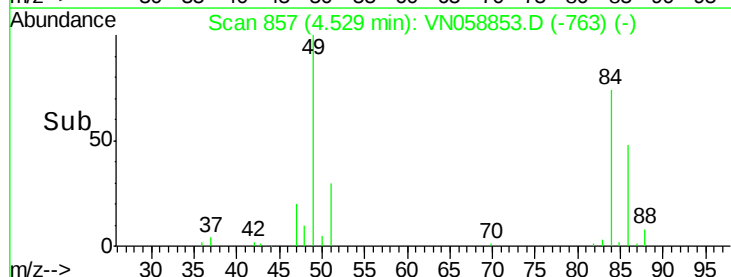
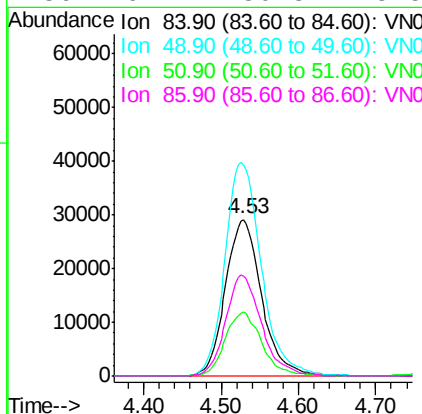
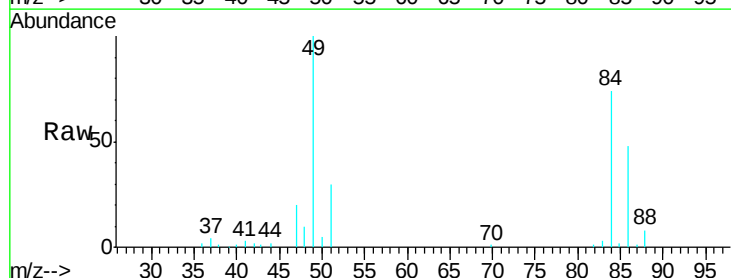
Ion Ratio Lower Upper

84 100

49 134.9 107.6 161.4

51 41.0 31.4 47.0

86 64.2 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 19.558 ug/l

RT: 5.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

Instrument :

MSVOA_N

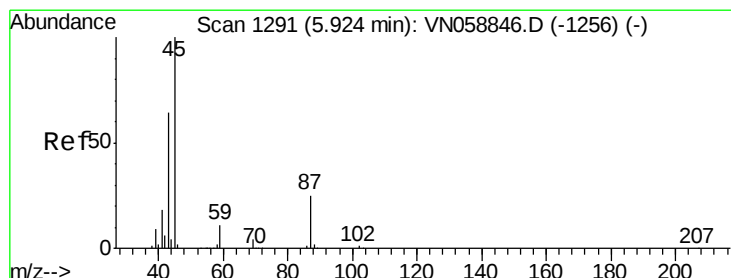
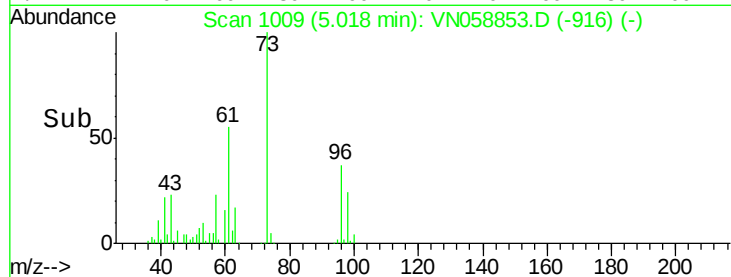
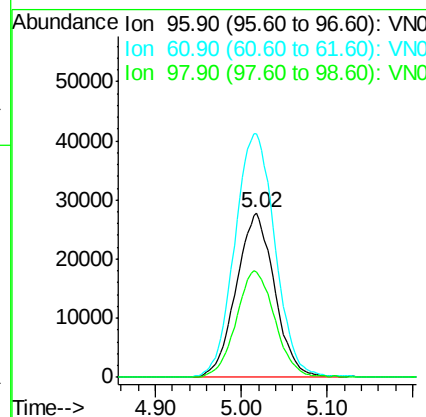
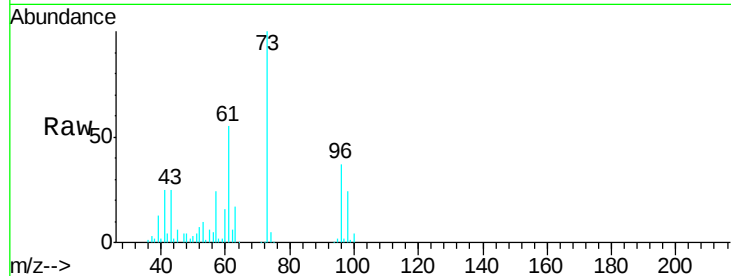
ClientSampleId :

VN1018WBS01

Tgt Ion:	96	Resp:	86356
Ion	Ratio	Lower	Upper
96	100		
61	147.6	123.6	185.4
98	64.1	52.1	78.1

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#22

Diisopropyl ether

Concen: 19.957 ug/l

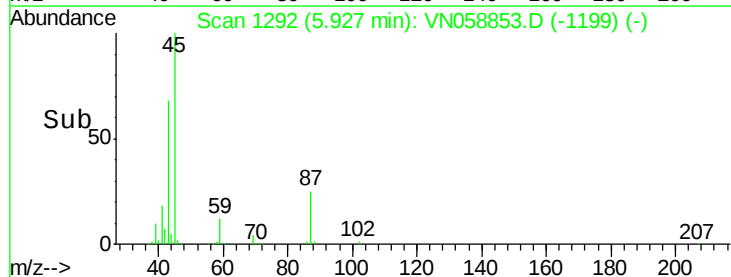
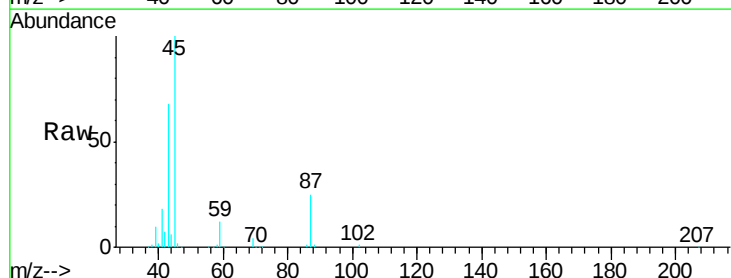
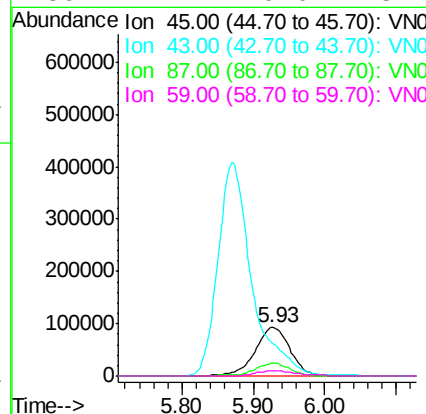
RT: 5.93 min Scan# 1292

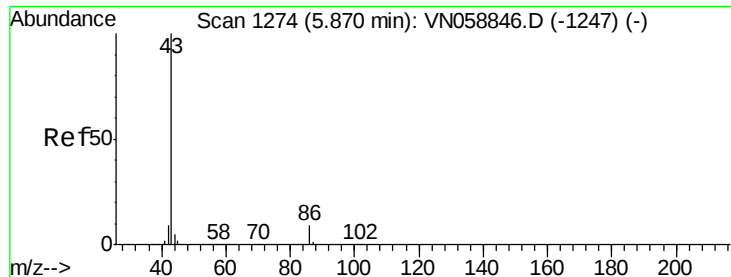
Delta R.T. -0.00 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

Tgt Ion:	45	Resp:	315808
Ion	Ratio	Lower	Upper
45	100		
43	65.8	50.6	75.8
87	25.3	21.1	31.7
59	11.2	9.0	13.4





#23

Vinyl Acetate

Concen: 106.211 ug/l

RT: 5.87 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBS01

Tgt Ion: 43 Resp: 1350346

Ion Ratio Lower Upper

43 100

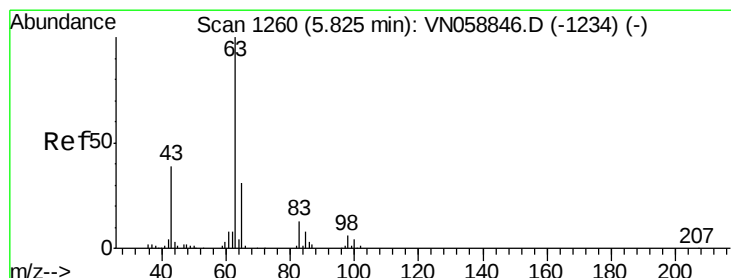
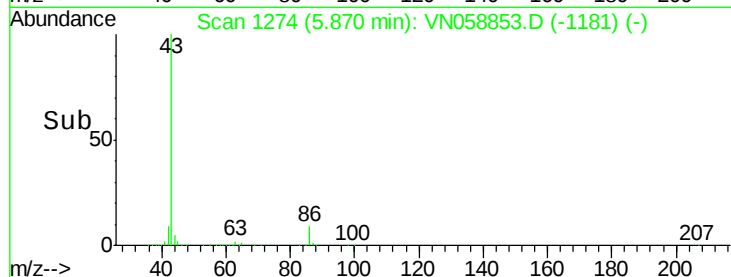
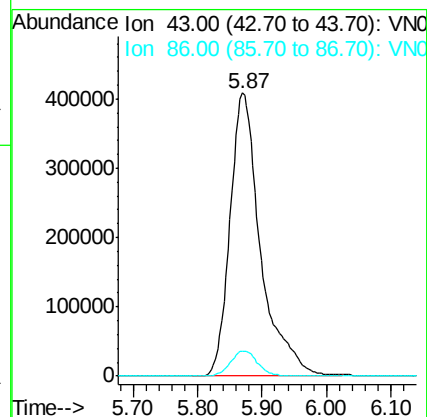
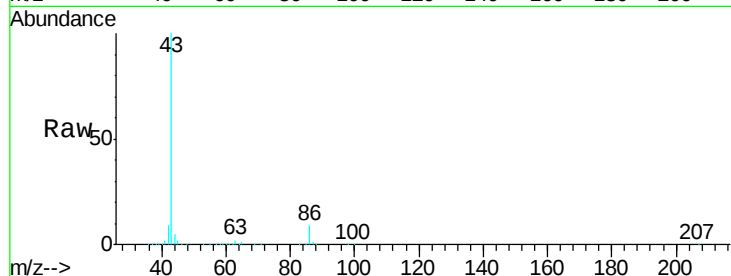
86 8.8 7.4 11.0

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#24

1,1-Dichloroethane

Concen: 19.372 ug/l

RT: 5.83 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

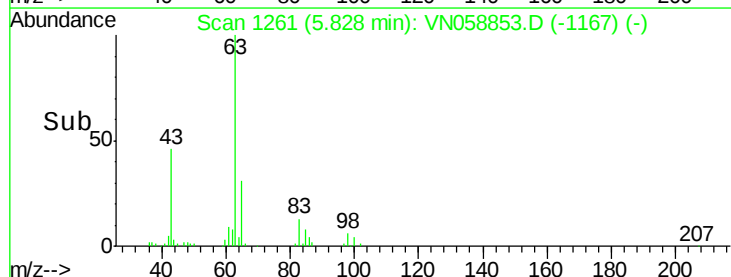
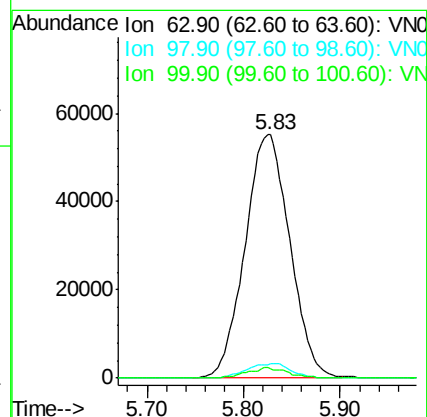
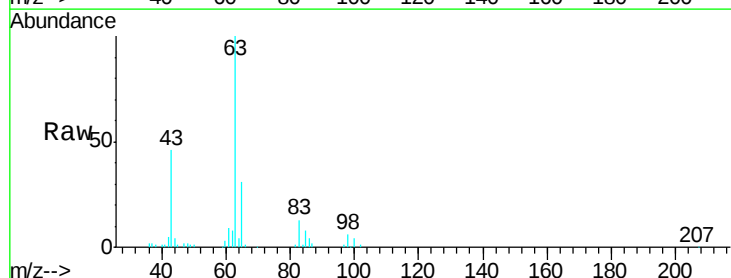
Tgt Ion: 63 Resp: 177753

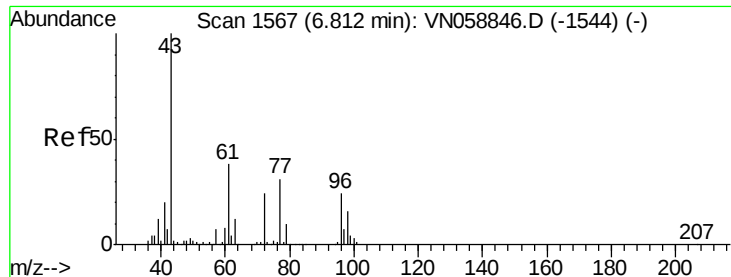
Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.6

100 4.0 1.8 5.5





#25

2-Butanone

Concen: 97.437 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBS01

Tgt Ion: 43 Resp: 371769

Ion Ratio Lower Upper

43 100

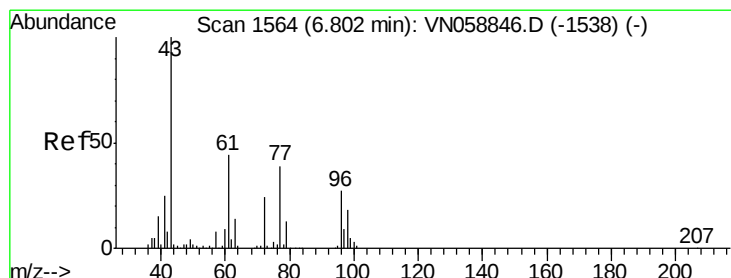
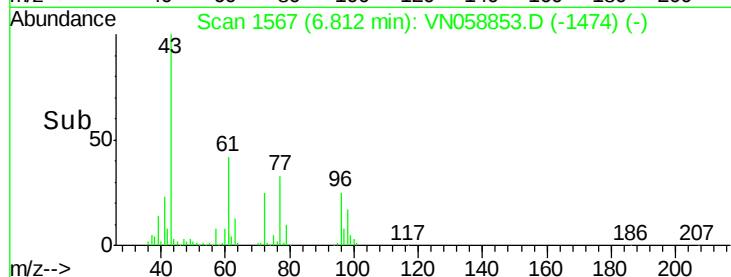
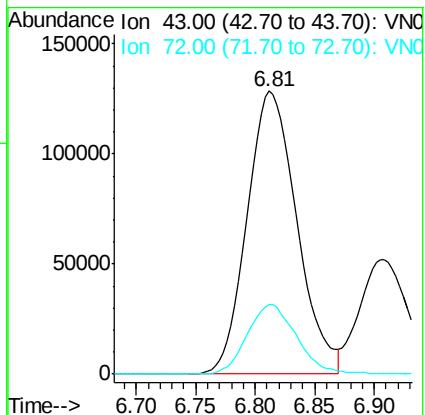
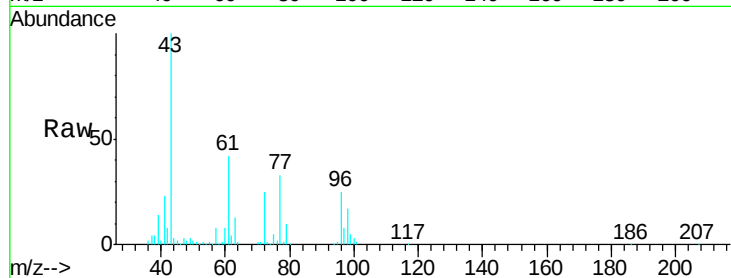
72 24.7 20.2 30.2

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#26

2,2-Dichloropropane

Concen: 19.247 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN058853.D

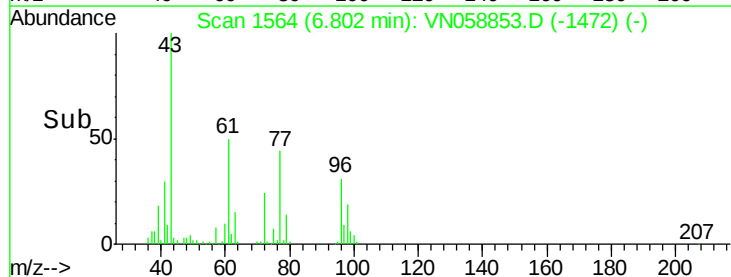
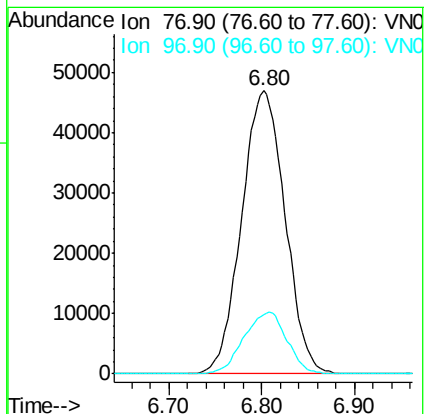
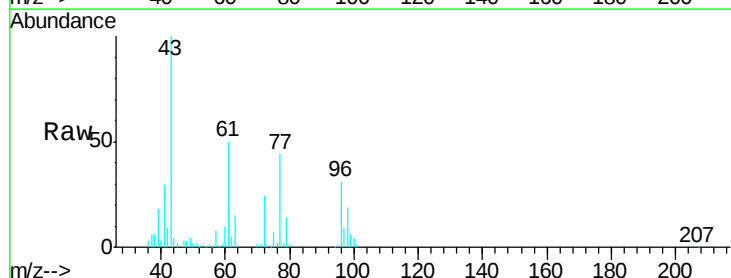
Acq: 18 Oct 2019 13:23

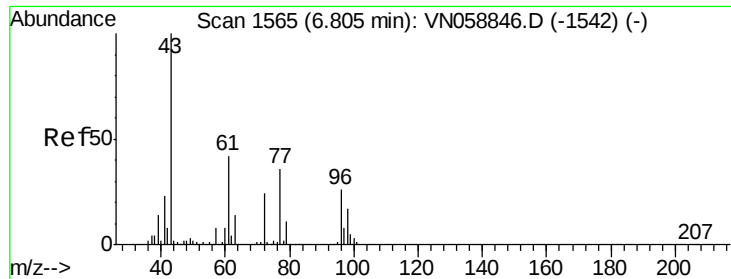
Tgt Ion: 77 Resp: 152756

Ion Ratio Lower Upper

77 100

97 21.6 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 19.602 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

Instrument :

MSVOA_N

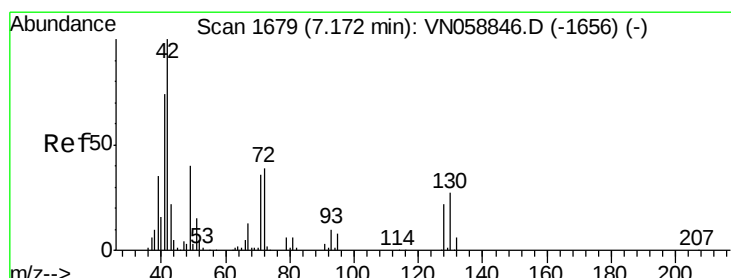
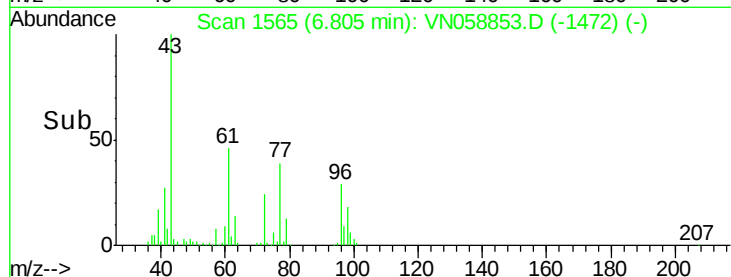
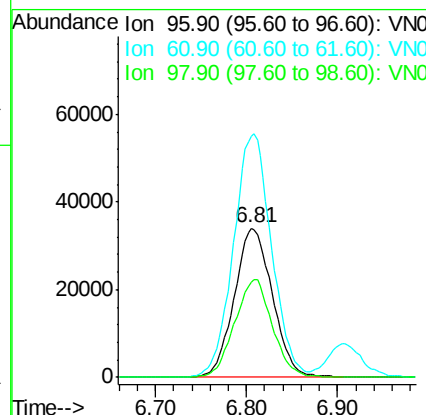
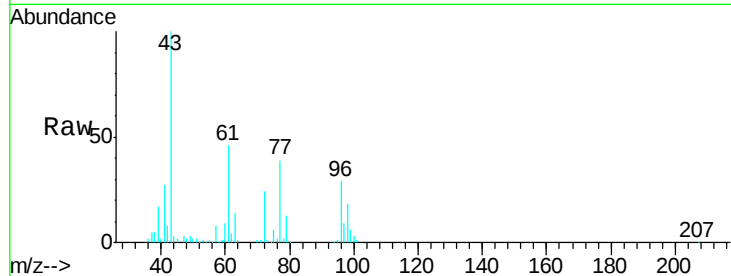
ClientSampleId :

VN1018WBS01

Tgt Ion:	96	Resp:	98870
Ion	Ratio	Lower	Upper
96	100		
61	162.9	0.0	324.8
98	64.9	0.0	129.2

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#28

Bromochloromethane

Concen: 19.508 ug/l

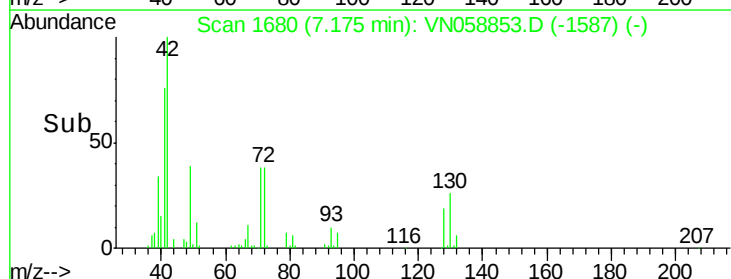
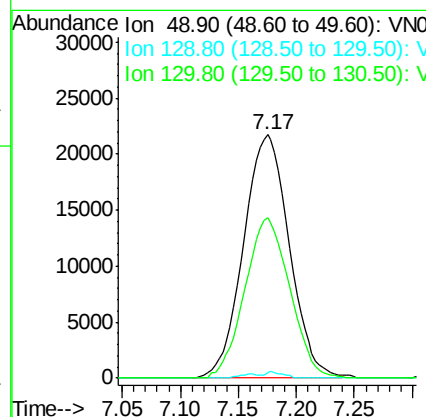
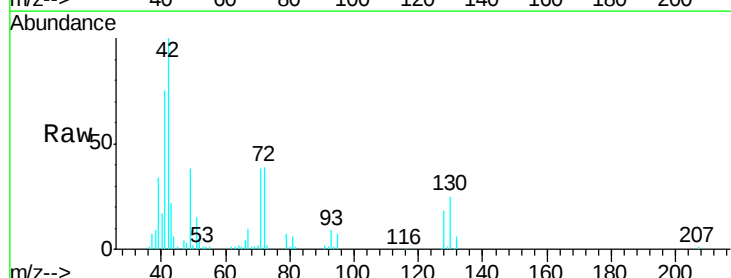
RT: 7.17 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

Tgt Ion:	49	Resp:	59613
Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	3.6
130	64.7	55.0	82.4





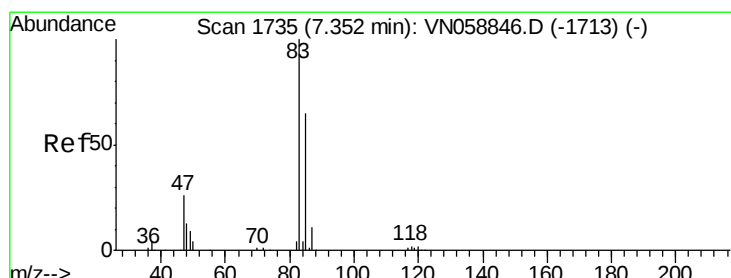
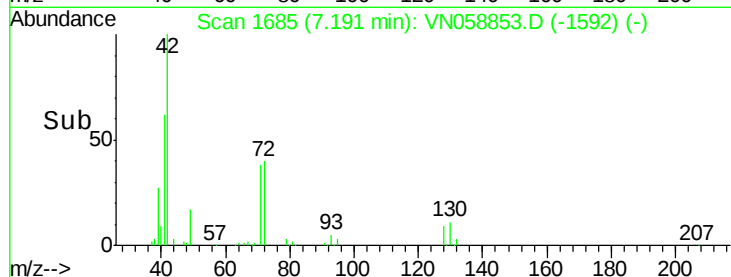
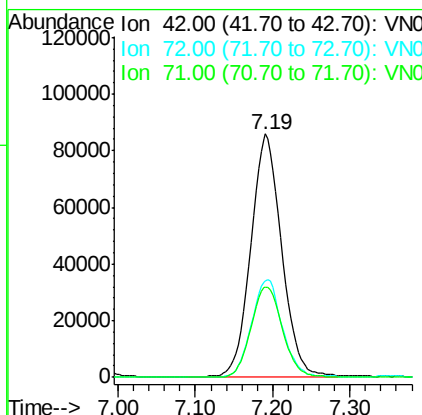
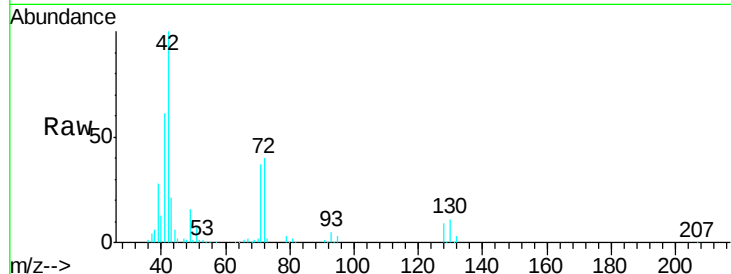
#29
Tetrahydrofuran
Concen: 103.192 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	39.8	32.8	49.2
71	37.8	31.1	46.7

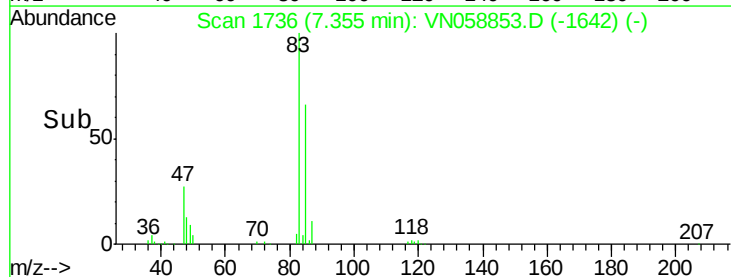
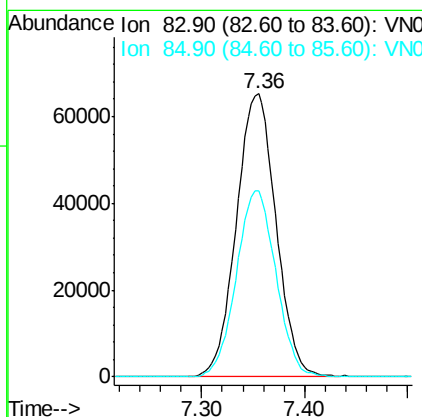
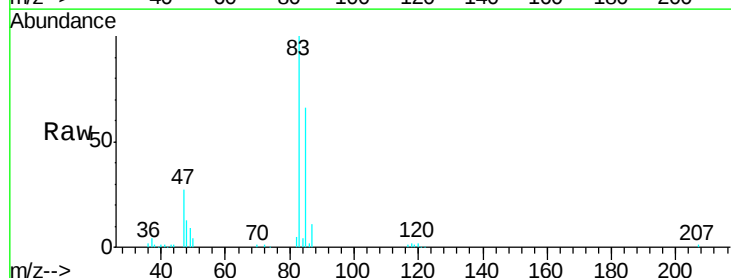
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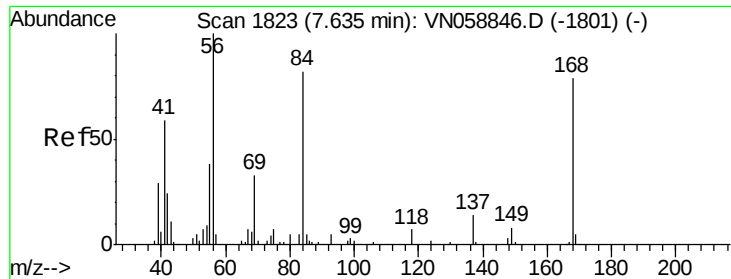
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#30
Chloroform
Concen: 18.937 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.0	76.6





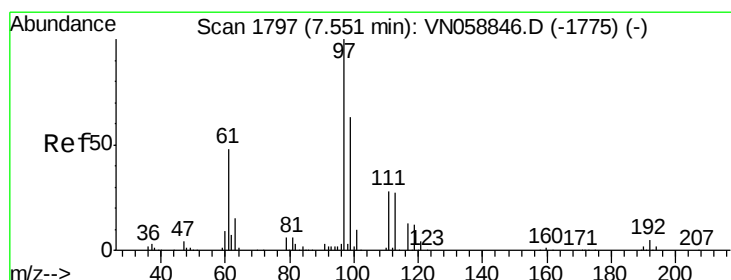
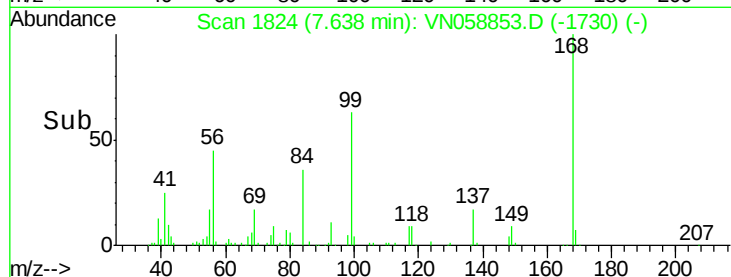
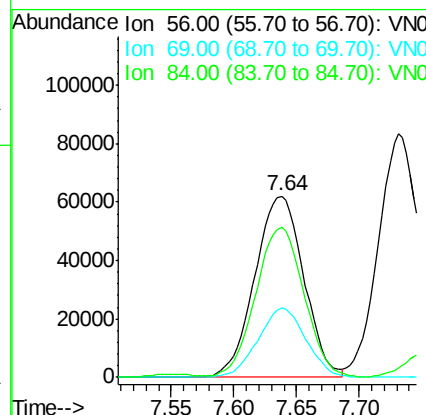
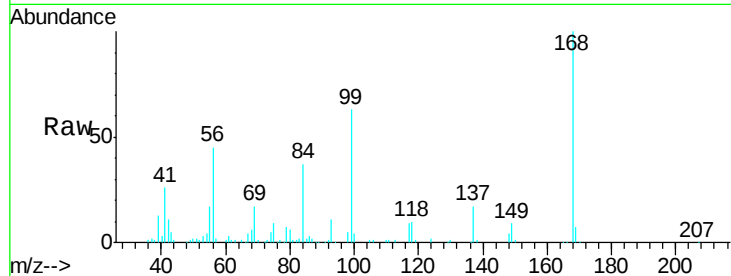
#31
Cyclohexane
Concen: 19.680 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	38.3	26.2	39.4
84	81.7	64.9	97.3

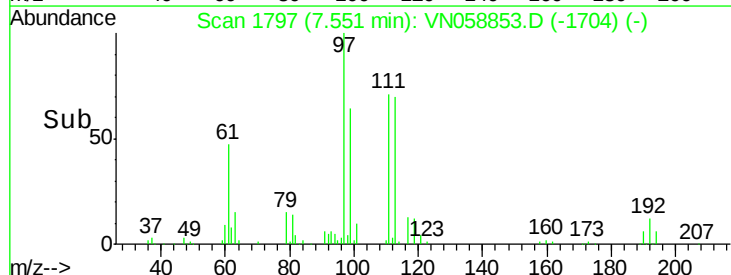
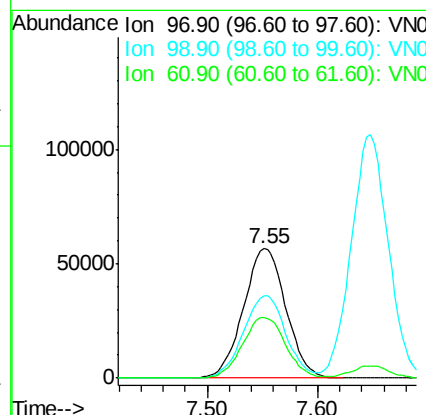
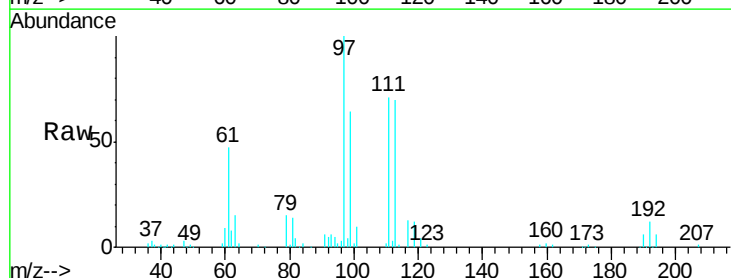
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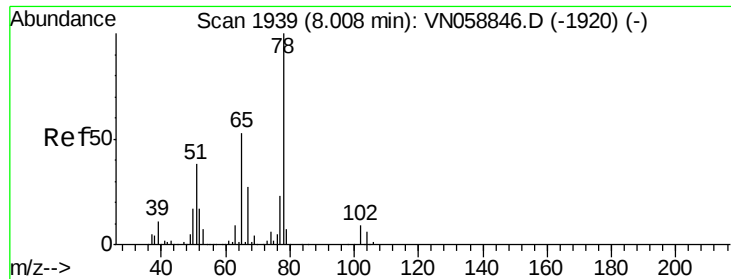
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#32
1,1,1-Trichloroethane
Concen: 19.446 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.8	76.2
61	47.9	38.1	57.1





#33

1,2-Dichloroethane-d4

Concen: 51.669 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. -0.00 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBS01

Tgt Ion: 65 Resp: 307341

Ion Ratio Lower Upper

65 100

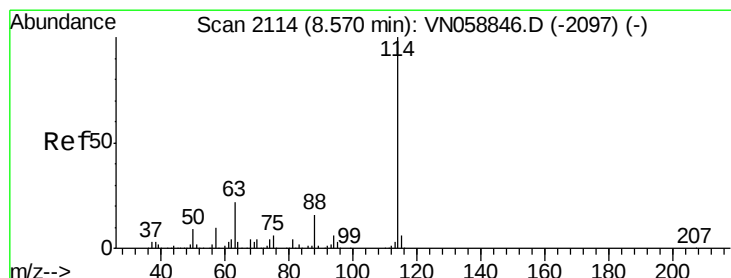
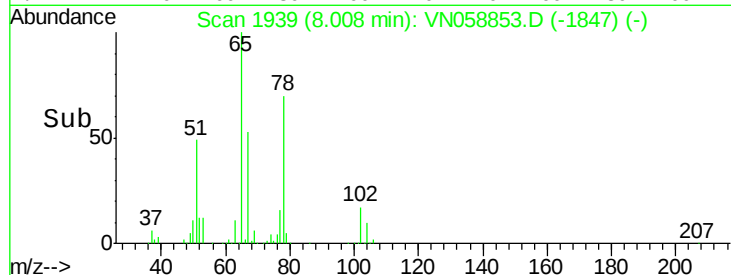
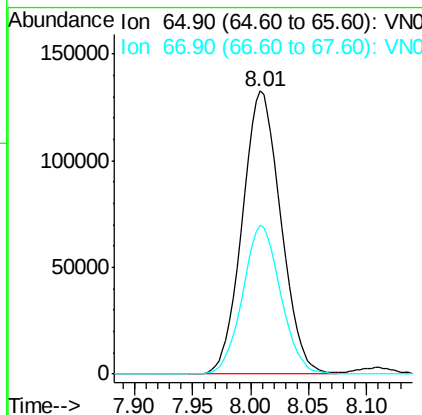
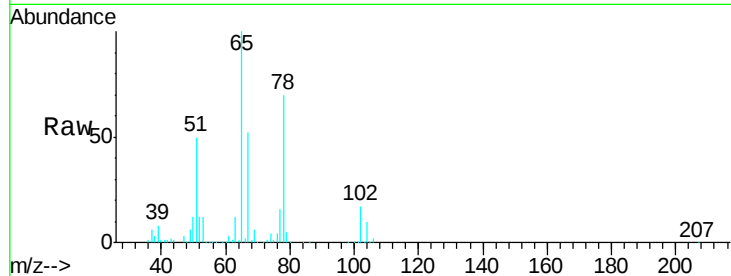
67 51.9 0.0 103.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

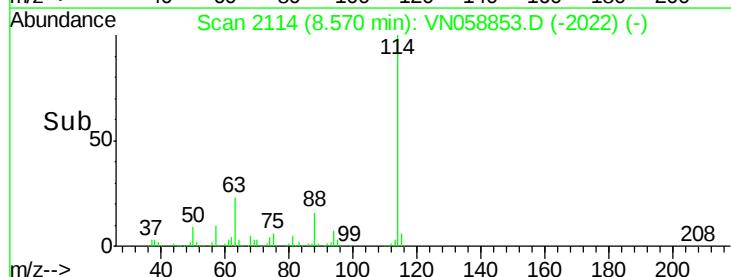
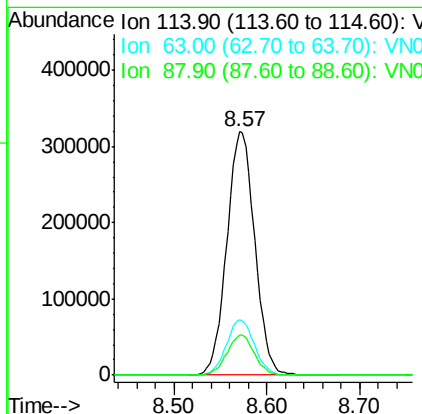
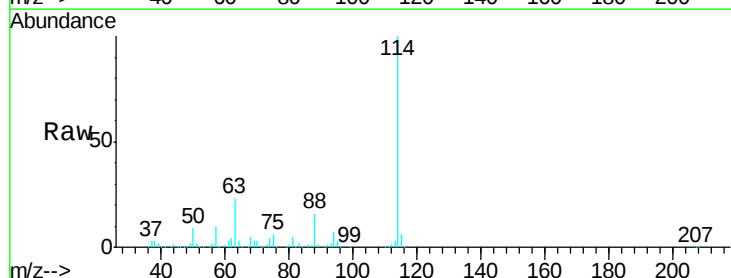
Tgt Ion: 114 Resp: 666136

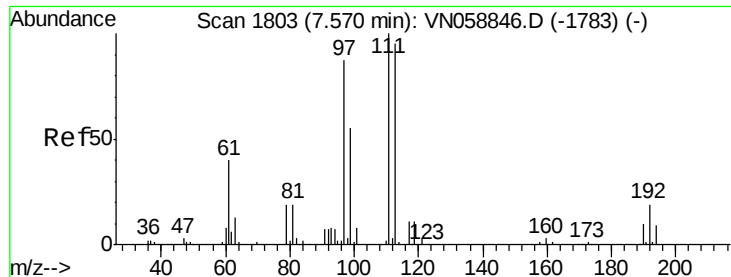
Ion Ratio Lower Upper

114 100

63 22.9 0.0 43.8

88 16.4 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.513 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

Instrument :

MSVOA_N

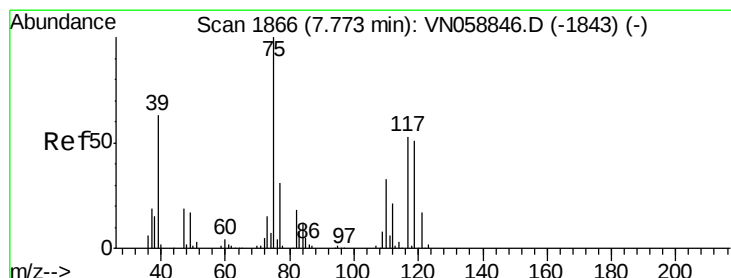
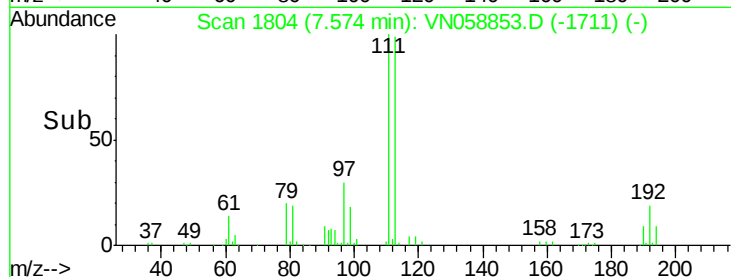
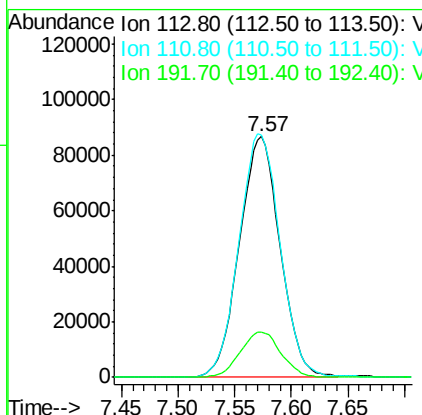
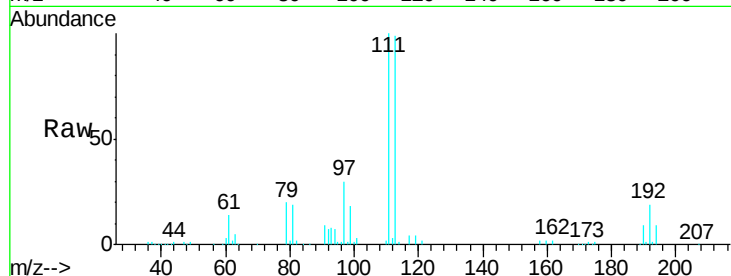
ClientSampleId :

VN1018WBS01

Tgt Ion:	113	Resp:	216851
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.3	123.5
192	18.9	15.0	22.6

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#36

1,1-Dichloropropene

Concen: 19.661 ug/l

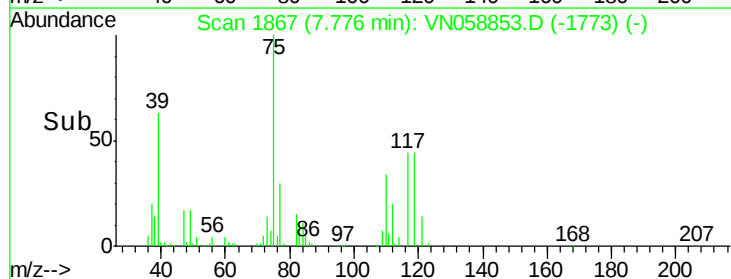
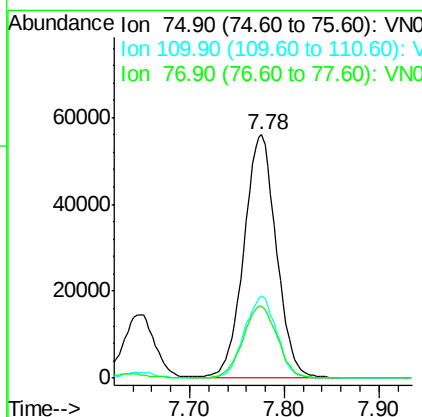
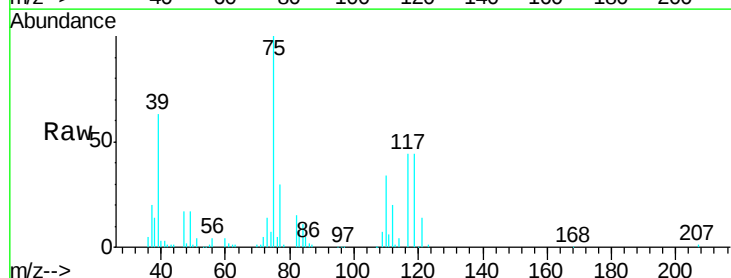
RT: 7.78 min Scan# 1867

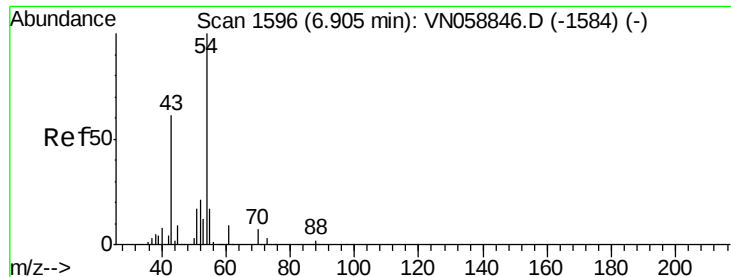
Delta R.T. 0.00 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

Tgt Ion:	75	Resp:	134086
Ion Ratio	Lower	Upper	
75	100		
110	33.4	16.6	49.8
77	31.1	24.6	37.0





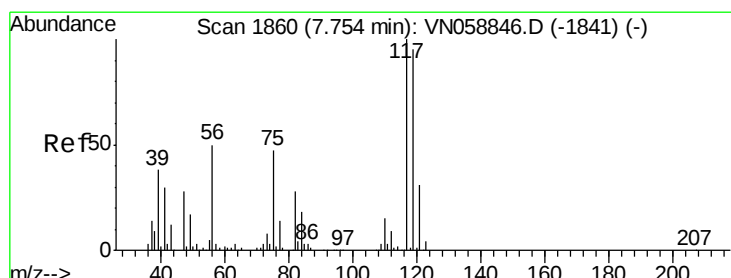
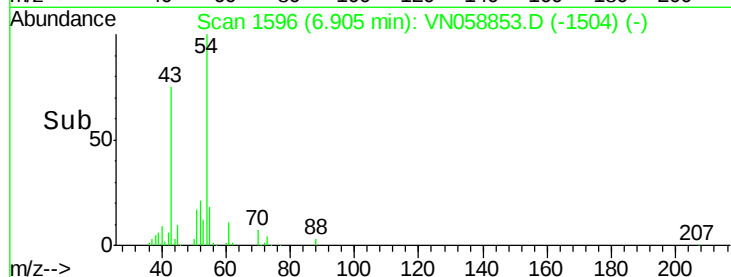
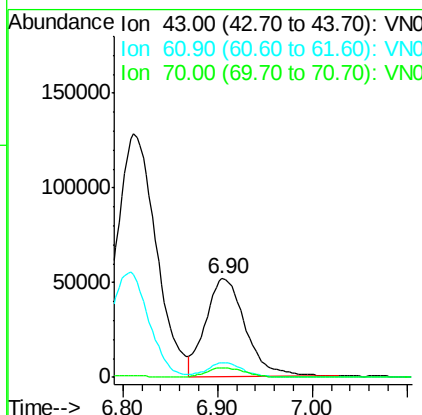
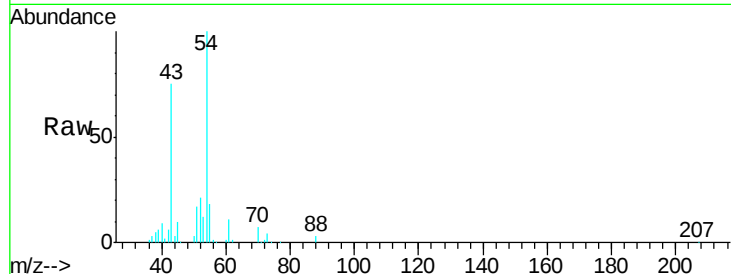
#37
Ethyl Acetate
Concen: 19.476 ug/l
RT: 6.90 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.3	16.9
70	9.6	7.2	10.8

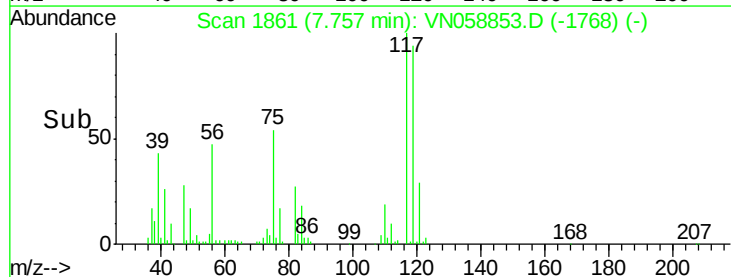
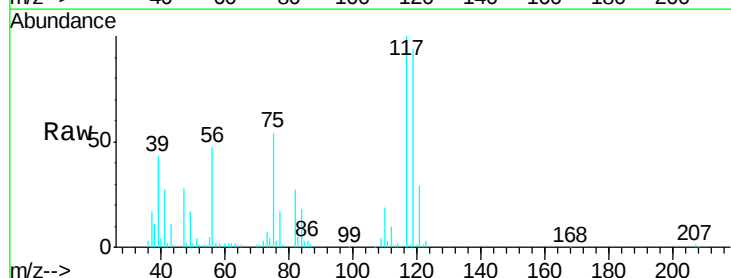
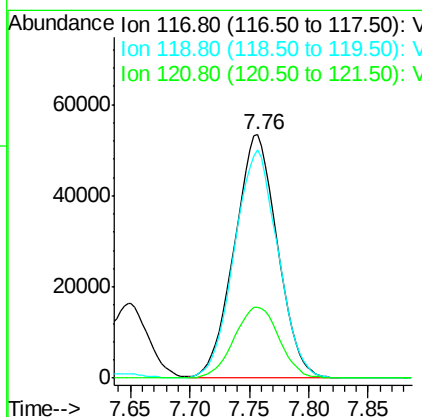
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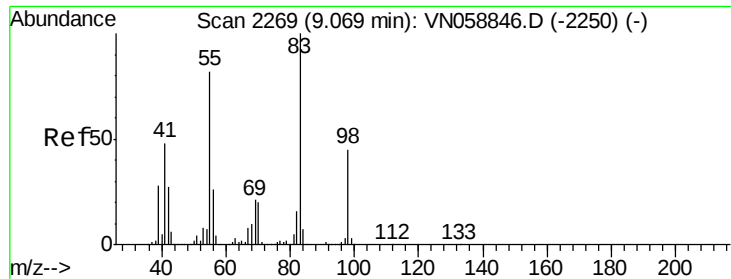
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#38
Carbon Tetrachloride
Concen: 19.017 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	75.7	113.5
121	29.3	23.9	35.9





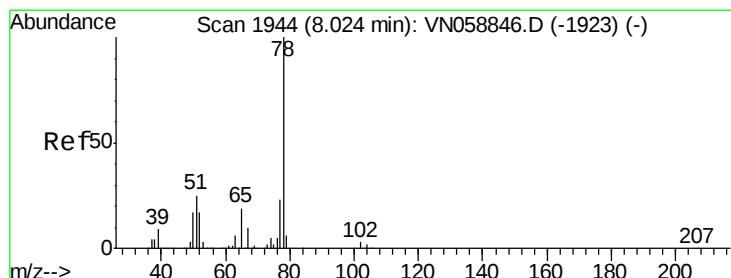
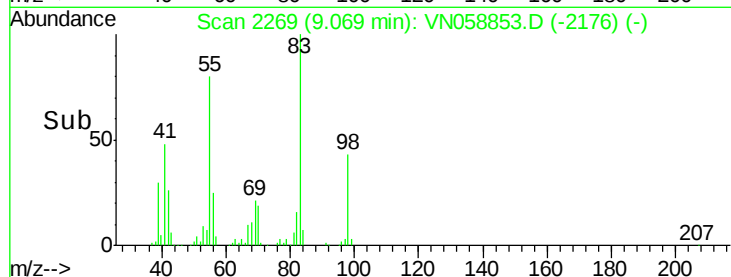
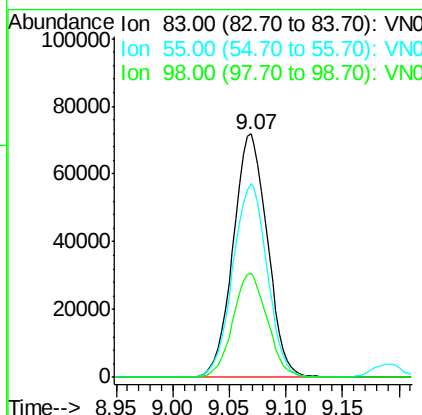
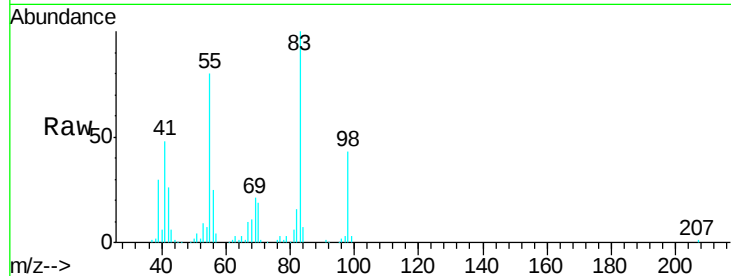
#39
Methylcyclohexane
Concen: 19.768 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
83	100		
55	79.6	63.4	95.0
98	42.9	35.1	52.7

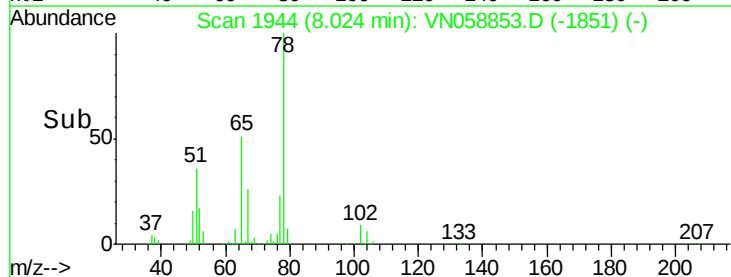
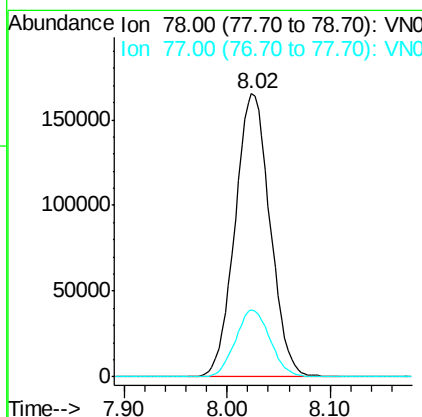
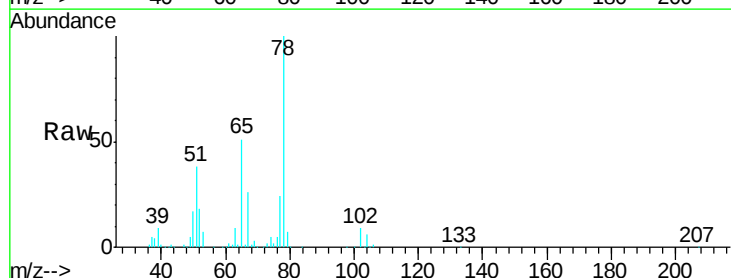
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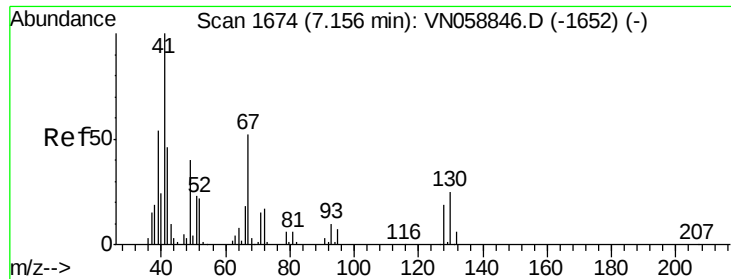
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#40
Benzene
Concen: 19.500 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
78	100		
77	23.5	18.8	28.2





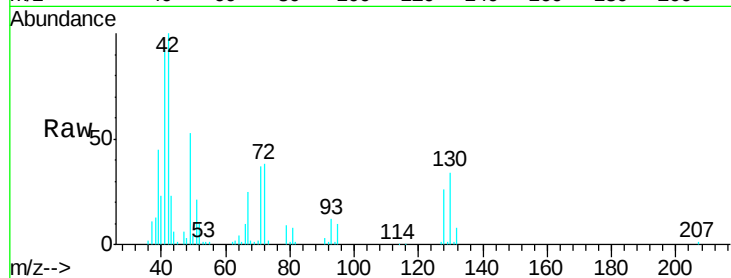
#41
Methacrylonitrile
Concen: 19.592 ug/l m
RT: 7.17 min Scan# 1678
Delta R.T. 0.01 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBS01

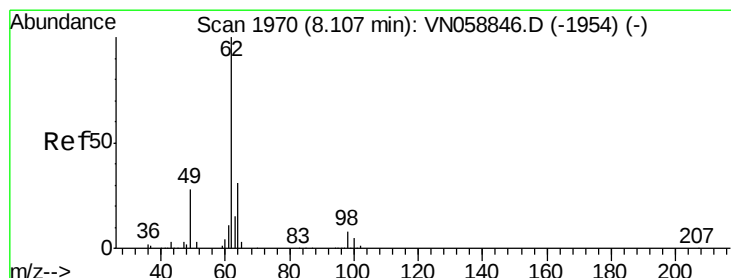
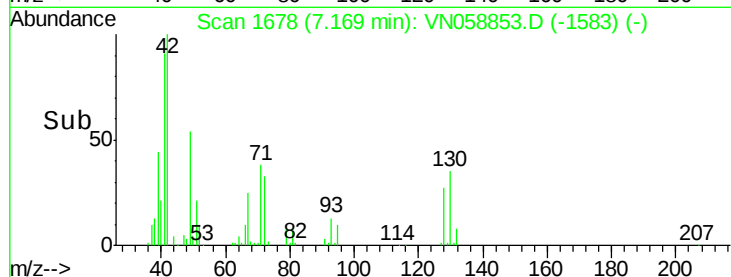
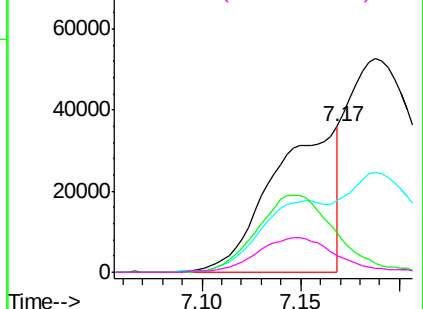
Tgt Ion	Ratio	Lower	Upper
41	100		
39	0.0	115.4	173.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

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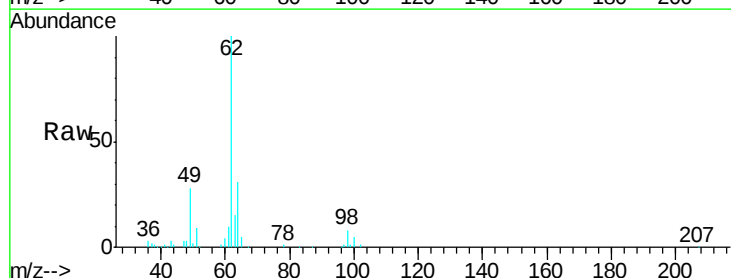


Abundance Ion 41.00 (40.70 to 41.70): VN058846.D (-1652) (-)

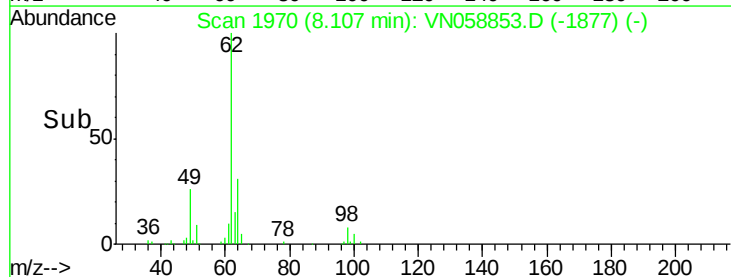
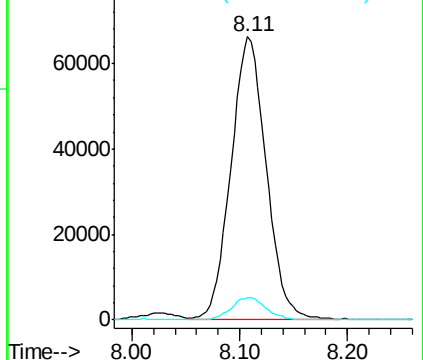


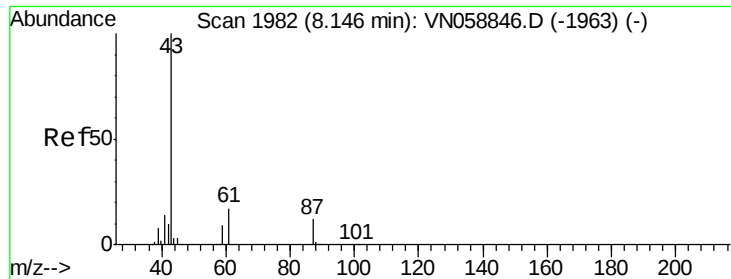
#42
1,2-Dichloroethane
Concen: 19.447 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	15.8



Abundance Ion 61.90 (61.60 to 62.60): VN058846.D (-1954) (-)





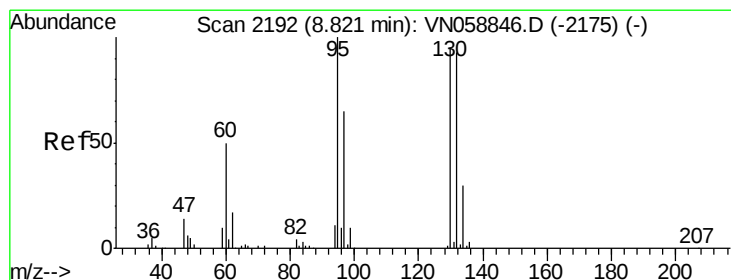
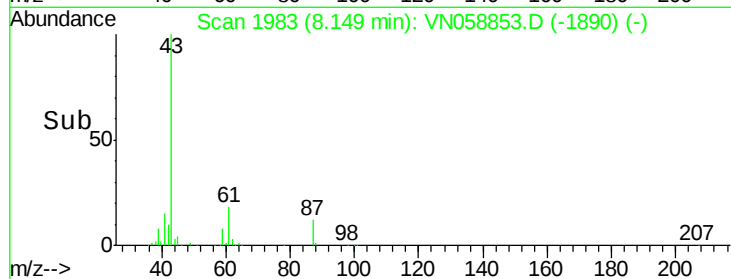
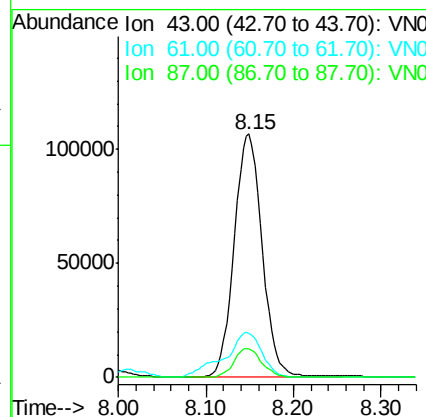
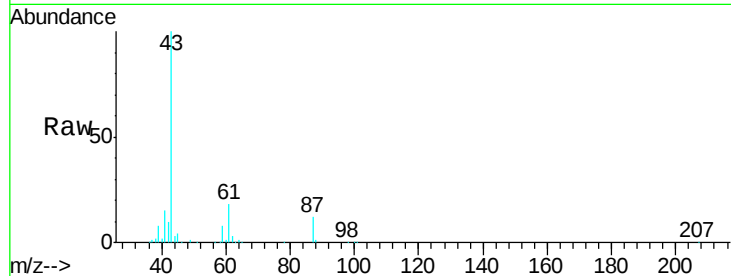
#43
Isopropyl Acetate
Concen: 19.831 ug/l
RT: 8.15 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	25.0	20.3	30.5
87	11.8	9.8	14.6

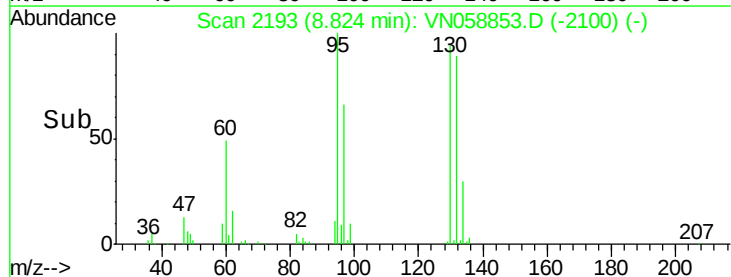
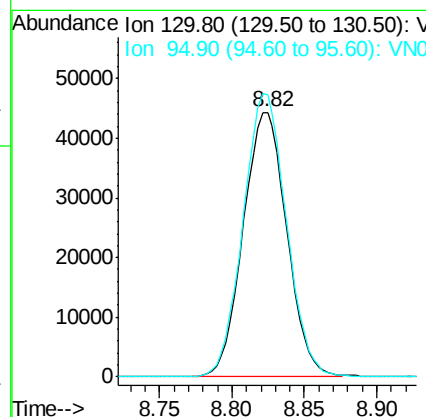
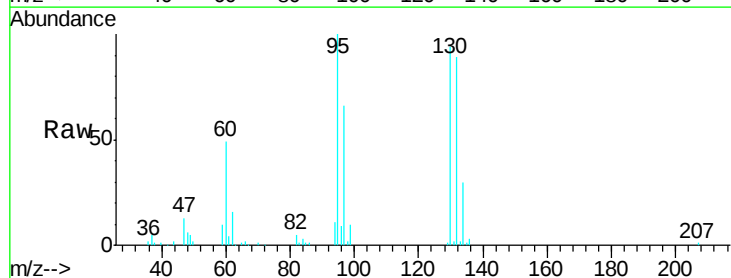
Manual Integrations
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#44
Trichloroethene
Concen: 19.008 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	106.4	0.0	211.2





#45

1,2-Dichloropropane

Concen: 19.681 ug/l

RT: 9.11 min Scan# 2281

Delta R.T. -0.00 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBS01

Tgt Ion: 63 Resp: 108076

Ion Ratio Lower Upper

63 100

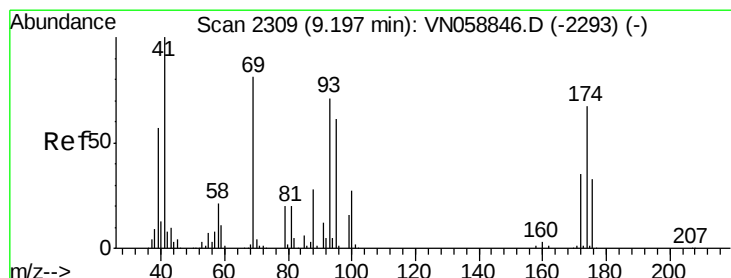
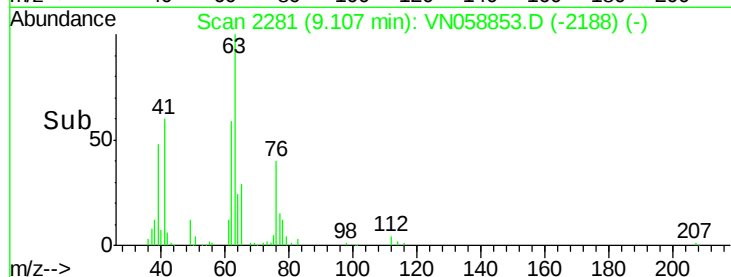
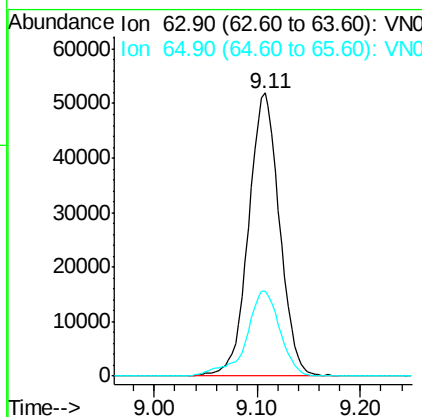
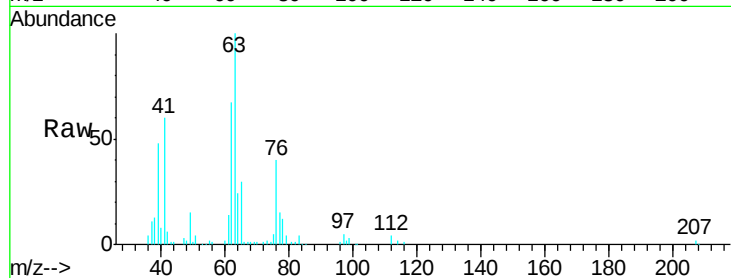
65 30.1 24.1 36.1

Manual Integrations

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#46

Dibromomethane

Concen: 19.510 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

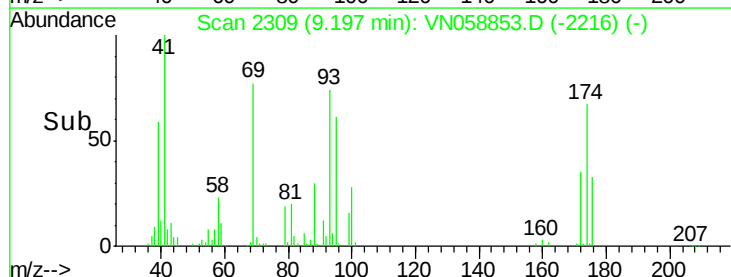
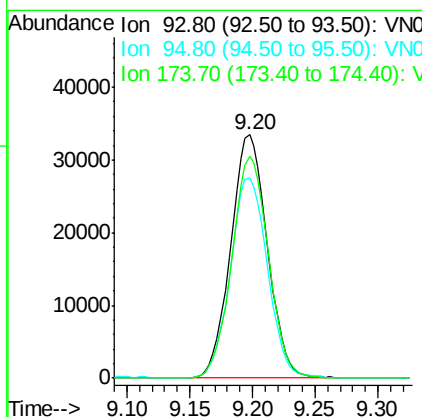
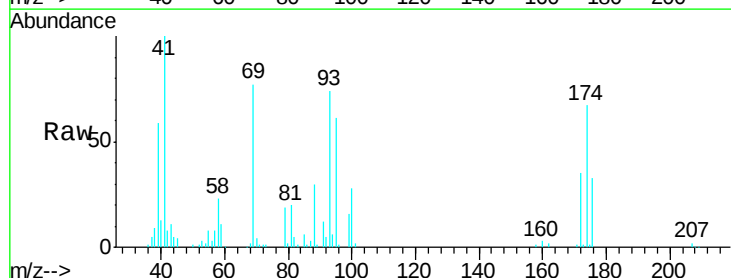
Tgt Ion: 93 Resp: 67732

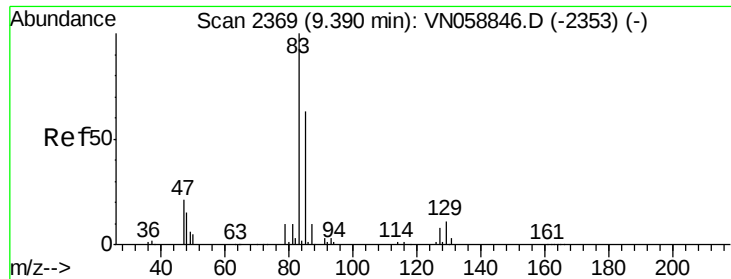
Ion Ratio Lower Upper

93 100

95 83.6 66.6 100.0

174 91.1 75.2 112.8





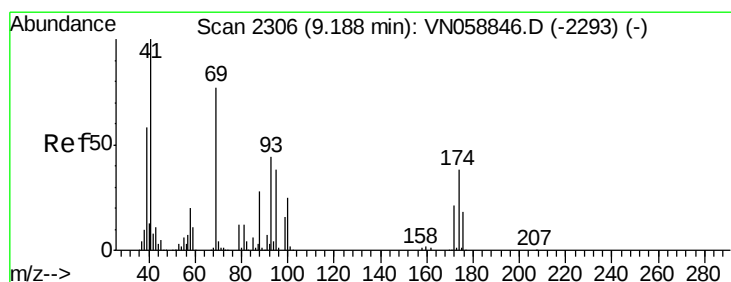
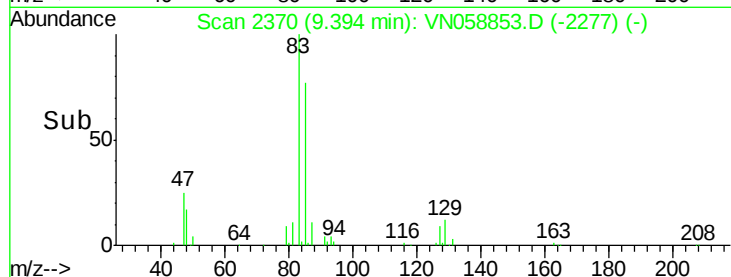
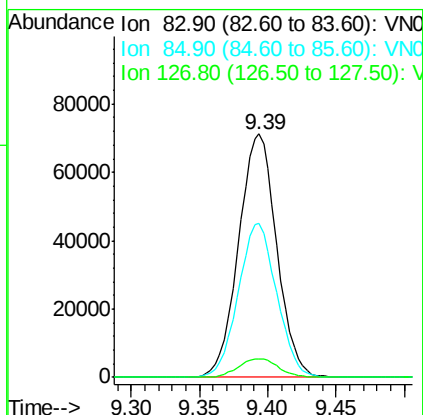
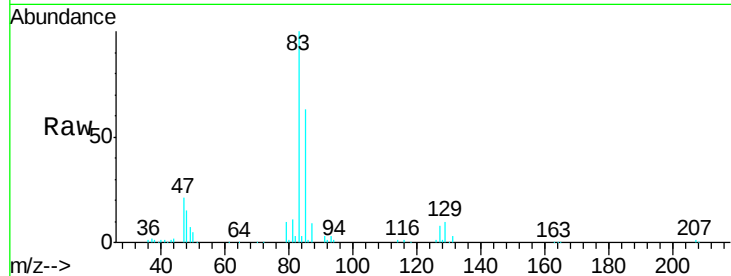
#47
Bromodichloromethane
Concen: 19.295 ug/l
RT: 9.39 min Scan# 2370
Delta R.T. -0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.9	76.3
127	7.6	6.3	9.5

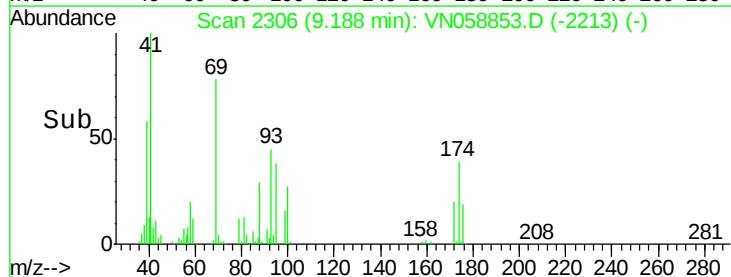
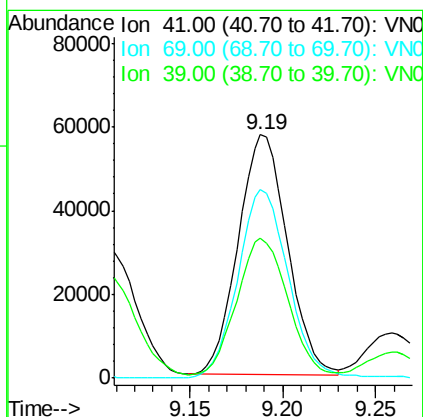
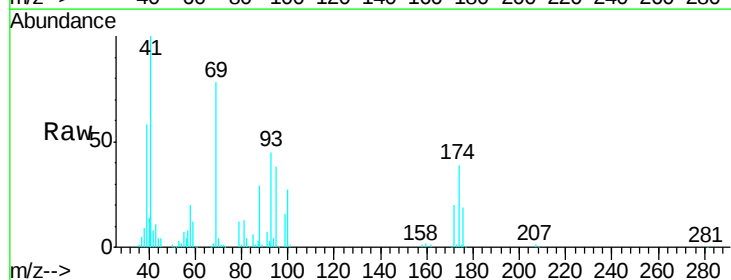
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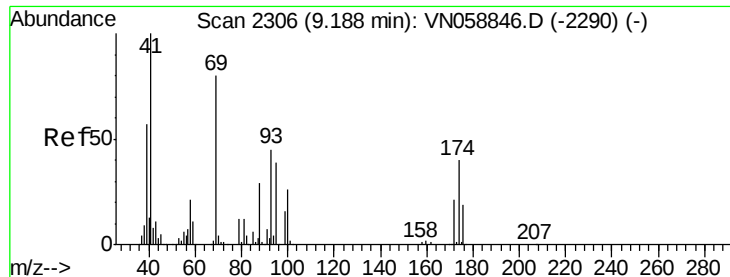
MMDadoda
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#48
Methyl methacrylate
Concen: 19.590 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Tgt Ion	Ratio	Lower	Upper
41	100		
69	80.6	63.4	95.2
39	61.1	48.9	73.3





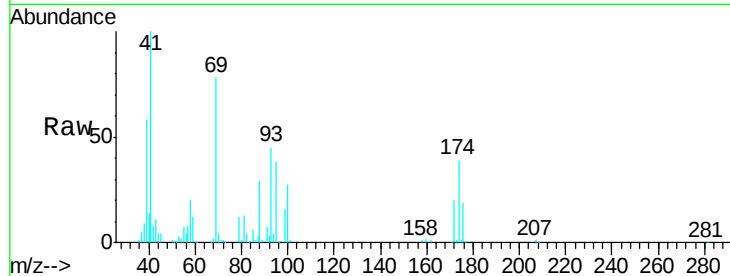
#49
1,4-Dioxane
Concen: 393.492 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	37.1	28.6	43.0
58	74.8	57.2	85.8

Manual Integrations
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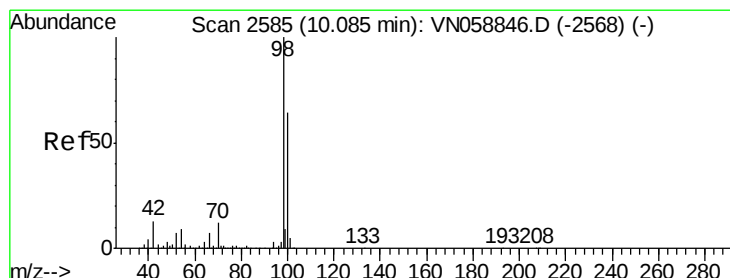
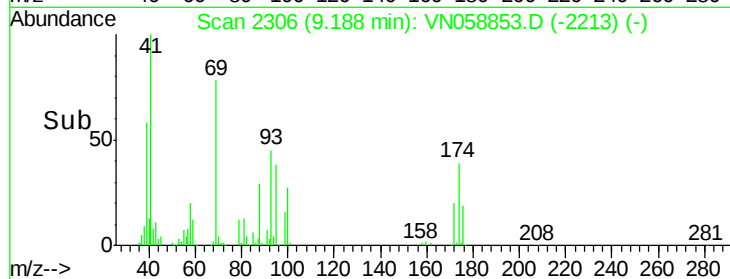
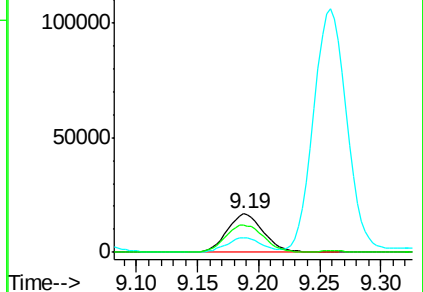
MMDadoda
10/21/2019 10:43:10 AM



Abundance Ion 88.00 (87.70 to 88.70): VN058846.D (-2290) (-)

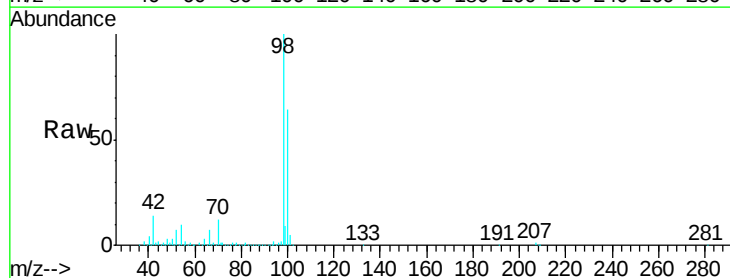
Ion 43.00 (42.70 to 43.70): VN058846.D (-2290) (-)

Ion 58.00 (57.70 to 58.70): VN058846.D (-2290) (-)



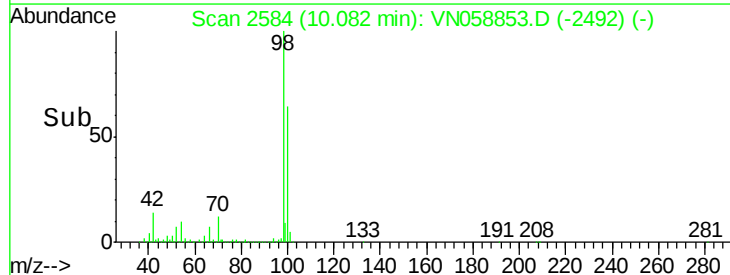
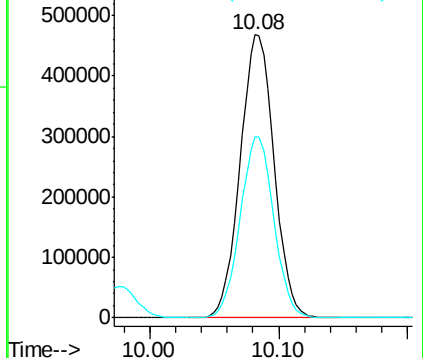
#50
Toluene-d8
Concen: 50.449 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. -0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

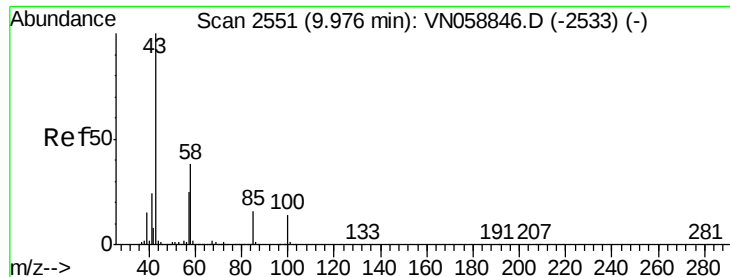
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.1	76.7



Abundance Ion 98.00 (97.70 to 98.70): VN058846.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN058846.D (-2568) (-)





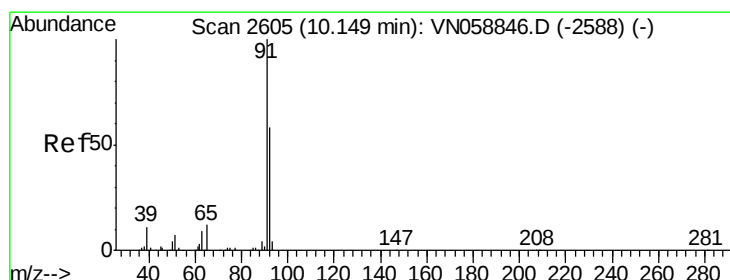
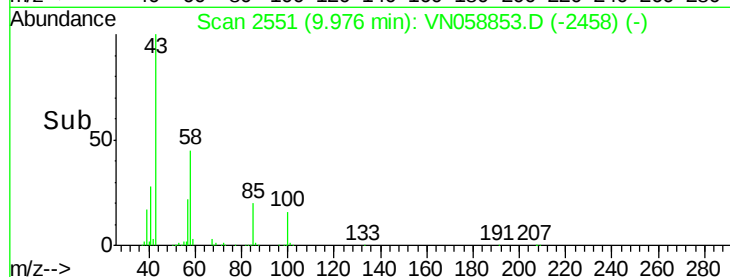
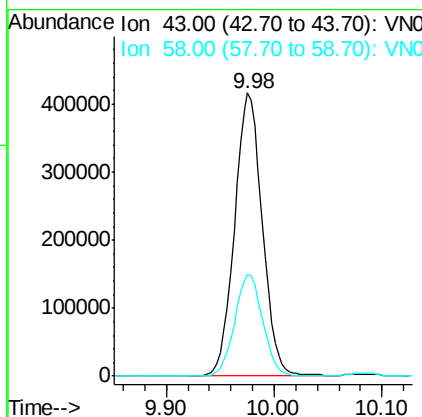
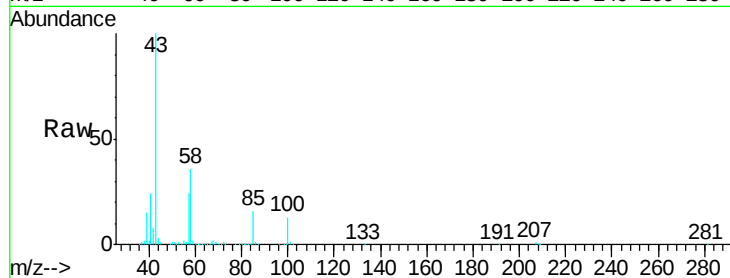
#51
4-Methyl-2-Pentanone
Concen: 107.250 ug/l
RT: 9.98 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBS01

Tgt Ion: 43 Resp: 746572
Ion Ratio Lower Upper
43 100
58 36.4 30.3 45.5

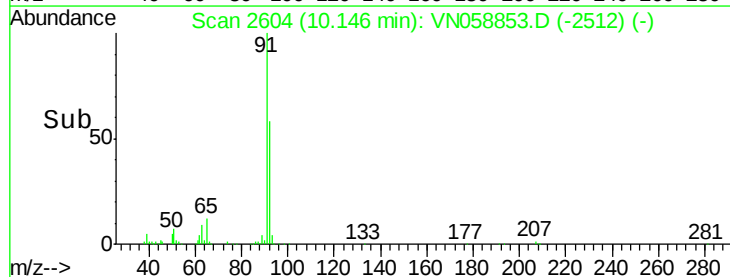
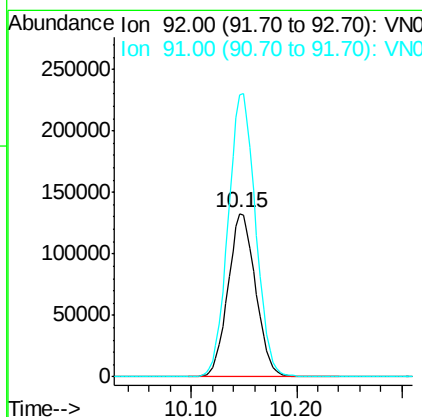
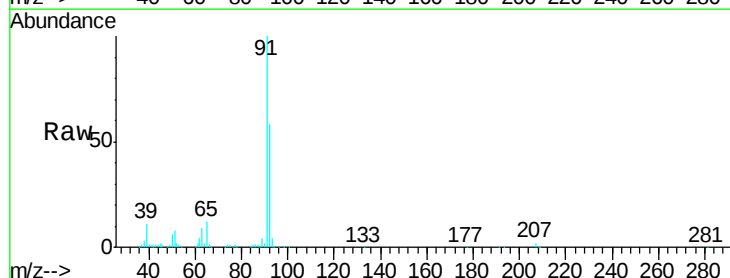
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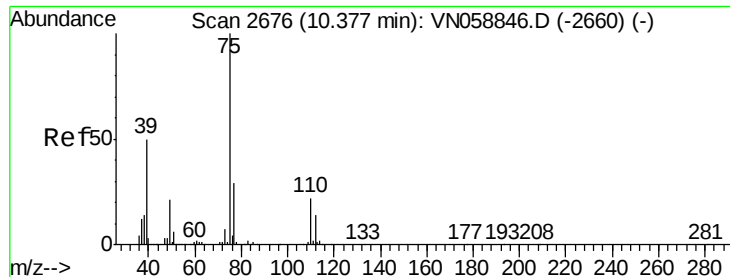
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#52
Toluene
Concen: 20.178 ug/l
RT: 10.15 min Scan# 2604
Delta R.T. -0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Tgt Ion: 92 Resp: 239636
Ion Ratio Lower Upper
92 100
91 173.0 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 19.228 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. -0.00 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBS01

Tgt Ion: 75 Resp: 152302

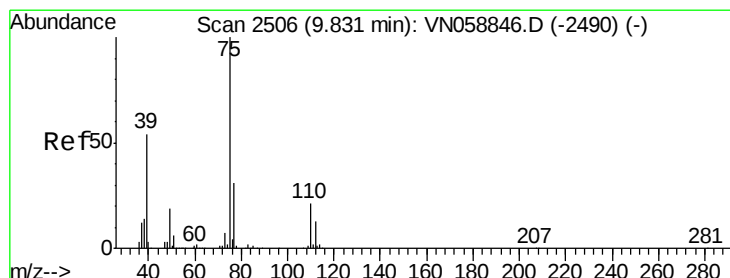
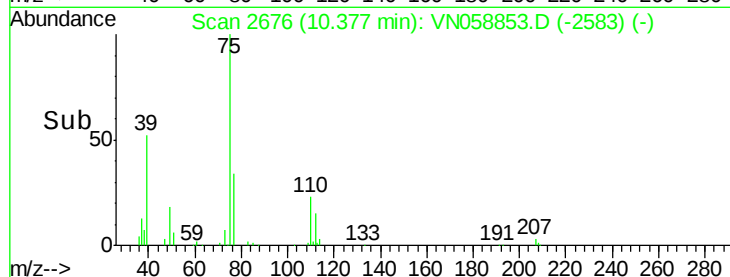
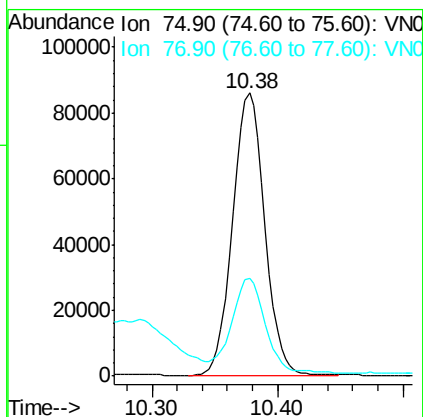
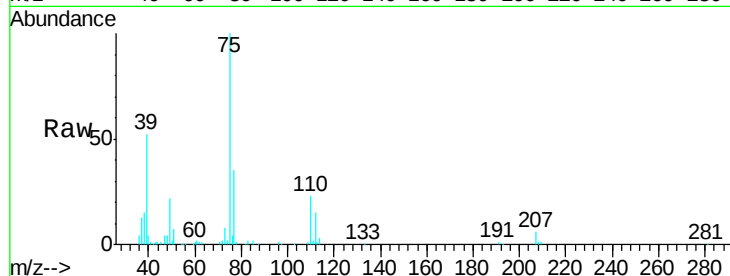
Ion Ratio Lower Upper

75 100

77 33.6 26.2 39.4

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#54

cis-1,3-Dichloropropene

Concen: 19.437 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. -0.00 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

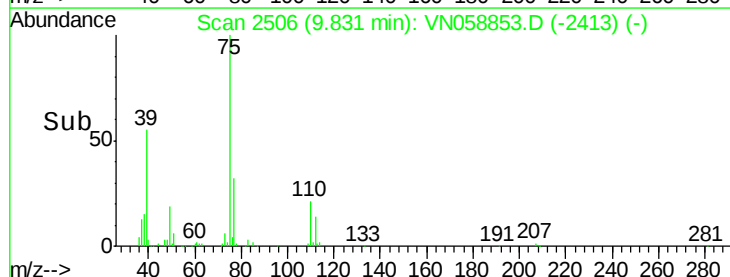
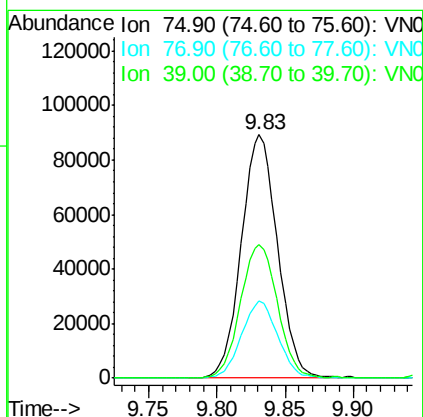
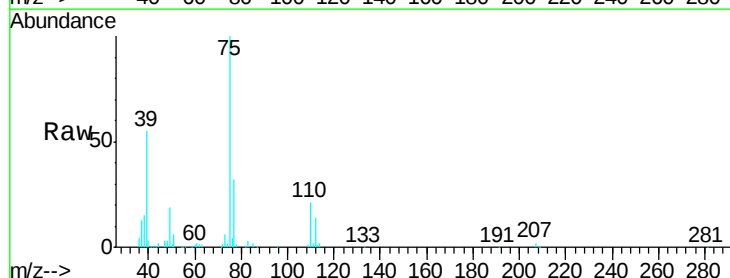
Tgt Ion: 75 Resp: 164489

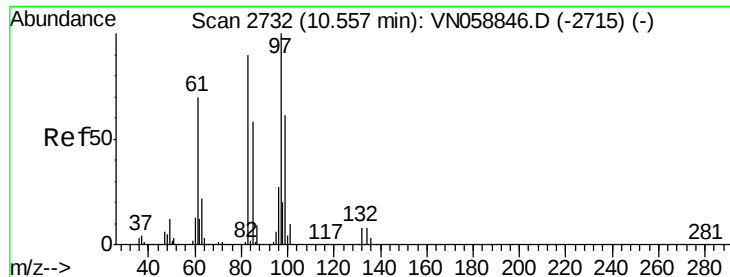
Ion Ratio Lower Upper

75 100

77 31.6 24.4 36.6

39 54.7 43.1 64.7





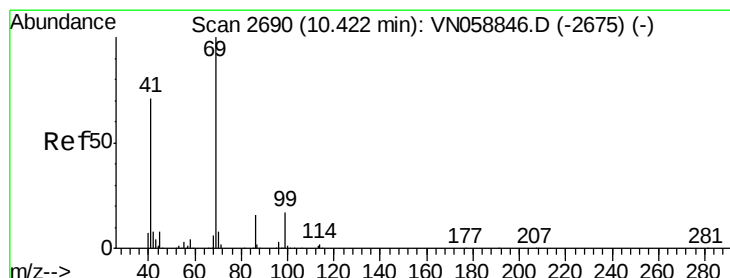
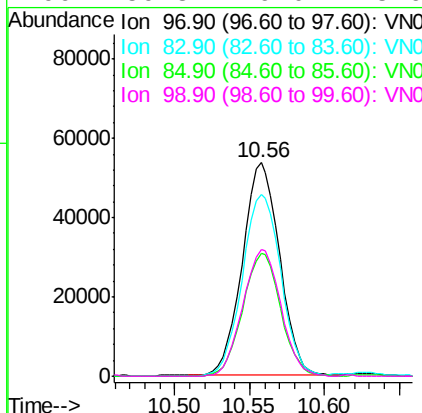
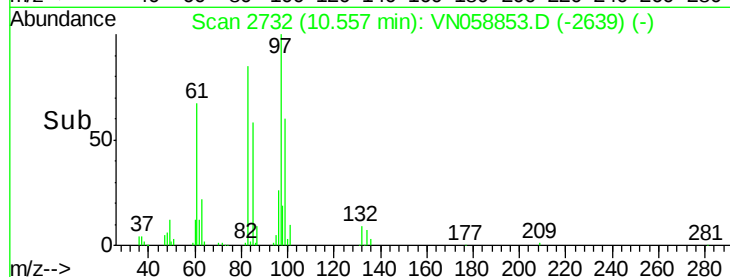
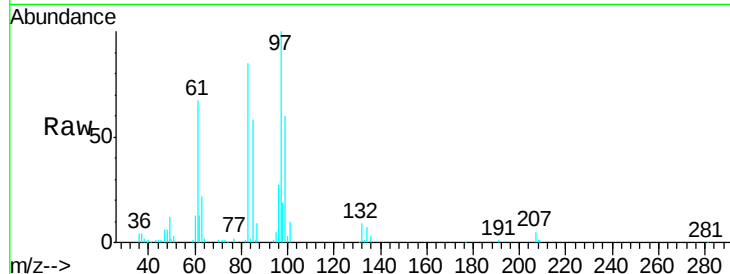
#55
 1,1,2-Trichloroethane
 Concen: 19.062 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. -0.00 min
 Lab File: VN058853.D
 Acq: 18 Oct 2019 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1018WBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.6	71.2	106.8
85	57.7	46.7	70.1
99	59.8	49.0	73.6

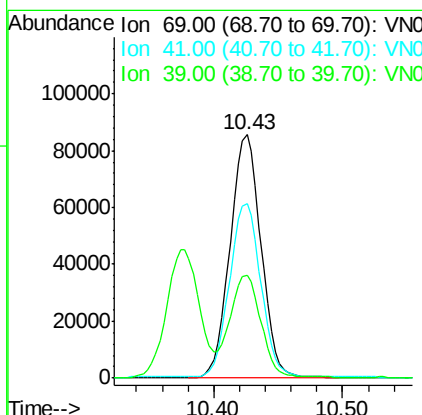
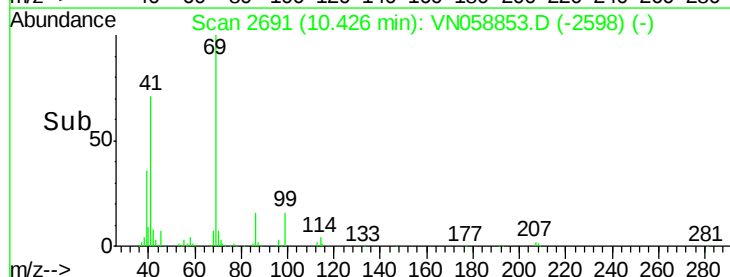
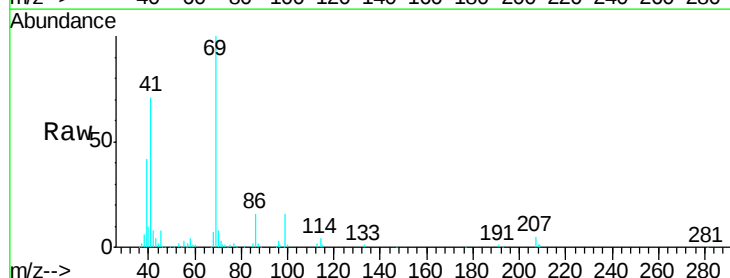
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#56
 Ethyl methacrylate
 Concen: 19.901 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. -0.00 min
 Lab File: VN058853.D
 Acq: 18 Oct 2019 13:23

Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.8	56.8	85.2
39	41.5	32.5	48.7





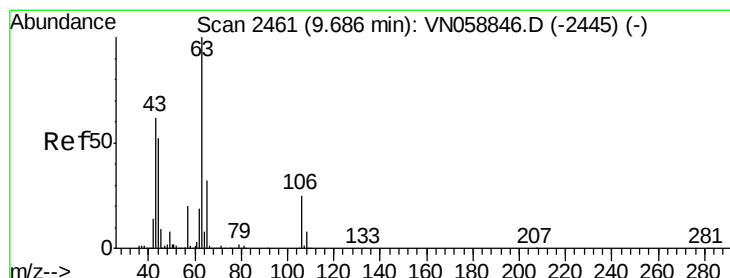
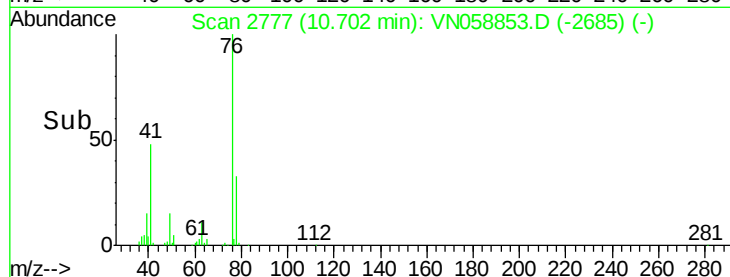
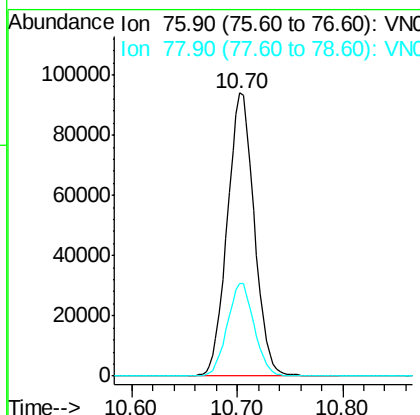
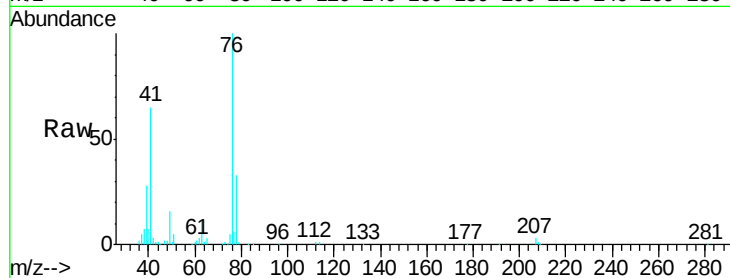
#57
 1,3-Dichloropropane
 Concen: 19.367 ug/l
 RT: 10.70 min Scan# 2777
 Delta R.T. -0.00 min
 Lab File: VN058853.D
 Acq: 18 Oct 2019 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1018WBS01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.9	38.9

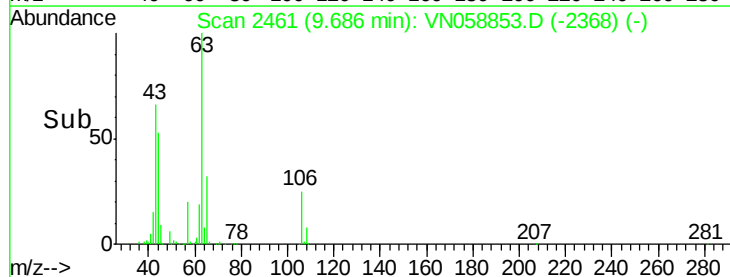
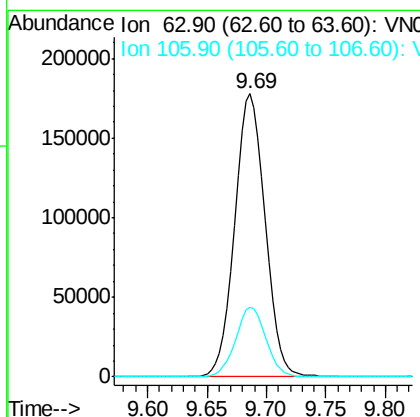
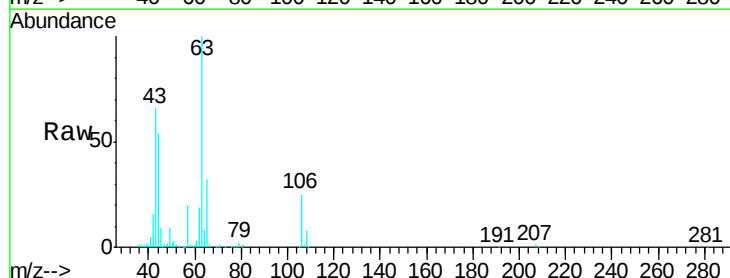
Manual Integrations
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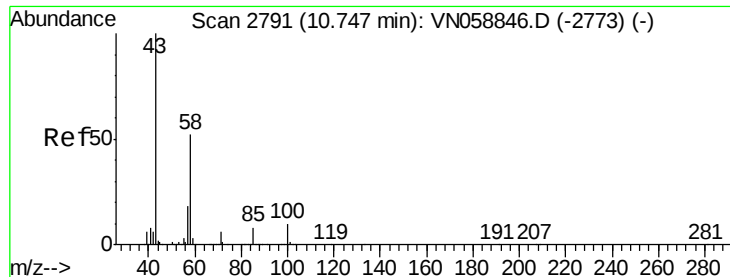
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 10/21/2019 10:43:10 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.136 ug/l
 RT: 9.69 min Scan# 2461
 Delta R.T. -0.00 min
 Lab File: VN058853.D
 Acq: 18 Oct 2019 13:23

Tgt Ion	Ratio	Lower	Upper
63	100		
106	24.6	20.0	30.0





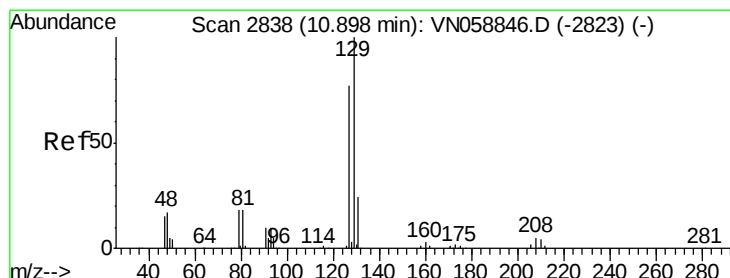
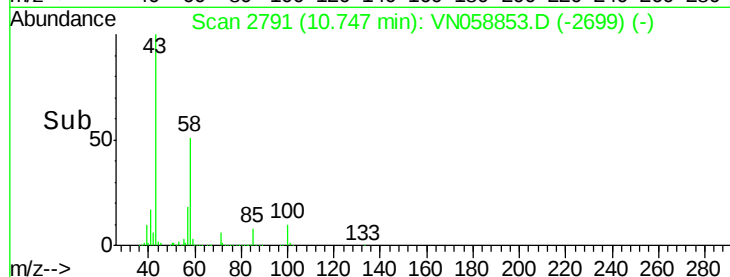
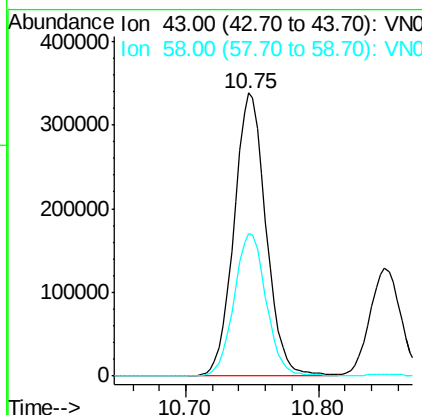
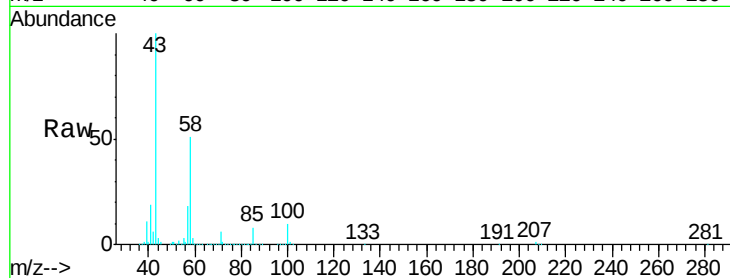
#59
2-Hexanone
Concen: 104.955 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. -0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	50.9	26.1	78.3

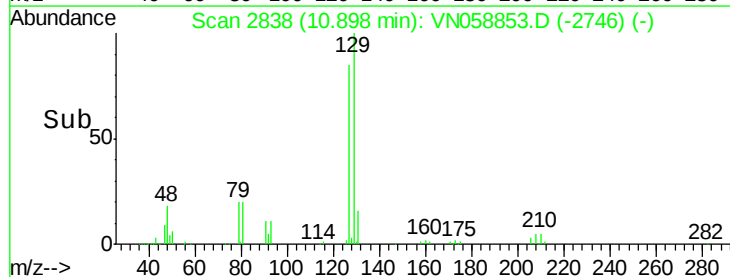
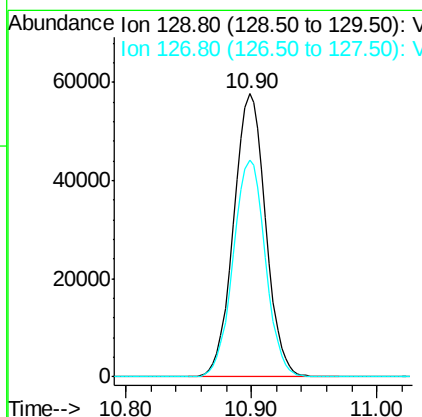
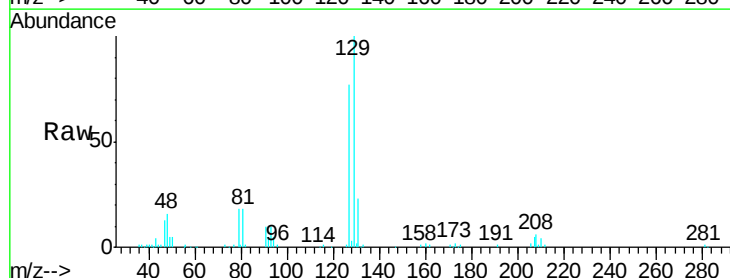
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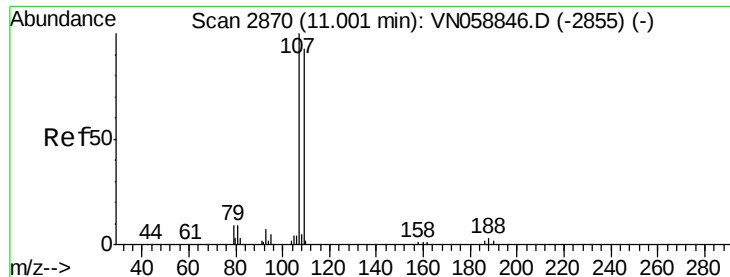
MMDadoda
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#60
Dibromochloromethane
Concen: 19.467 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.5	115.3





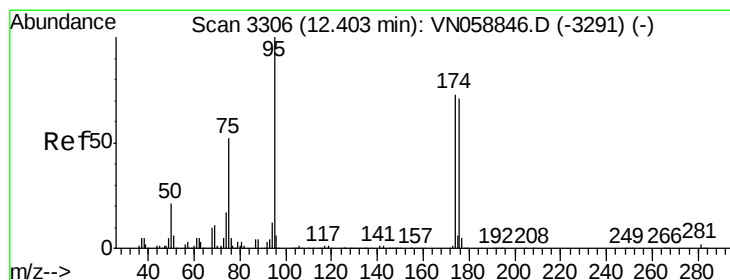
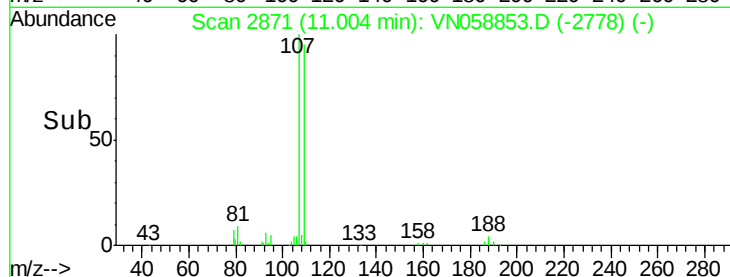
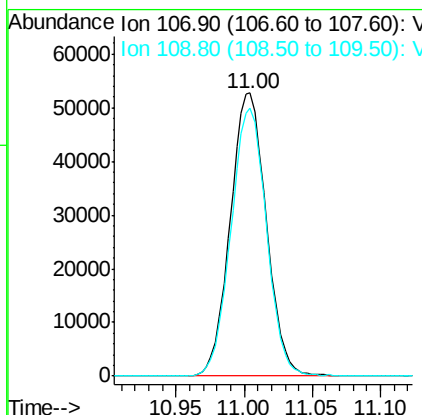
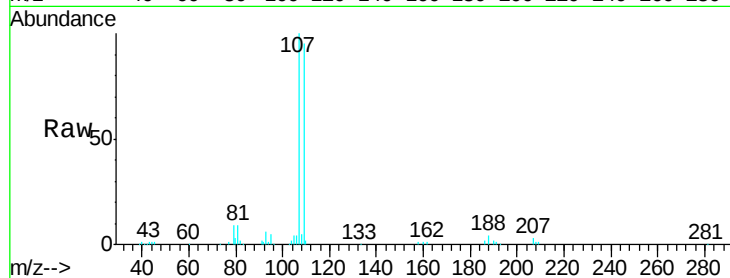
#61
 1,2-Dibromoethane
 Concen: 19.315 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN058853.D
 Acq: 18 Oct 2019 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1018WBS01

Tgt Ion: 107 Resp: 96705
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.4 113.0

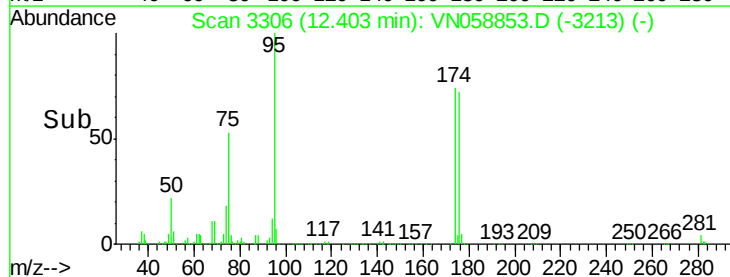
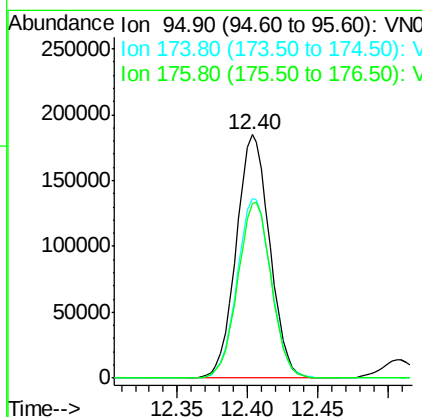
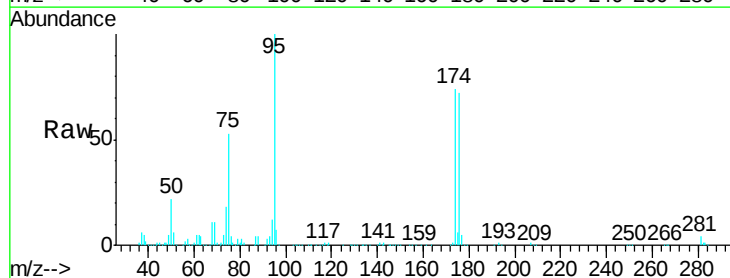
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#62
 4-Bromofluorobenzene
 Concen: 49.241 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.00 min
 Lab File: VN058853.D
 Acq: 18 Oct 2019 13:23

Tgt Ion: 95 Resp: 307428
 Ion Ratio Lower Upper
 95 100
 174 74.9 0.0 150.4
 176 72.5 0.0 146.8





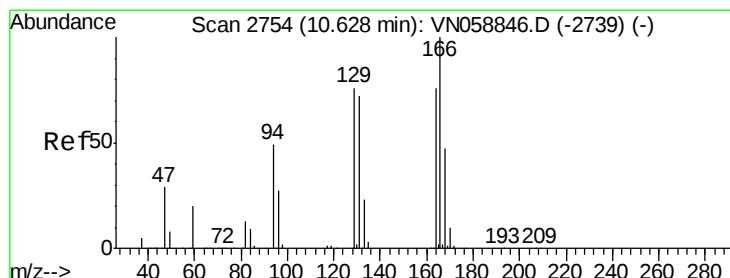
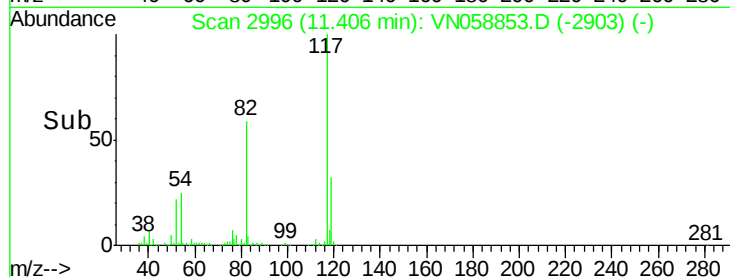
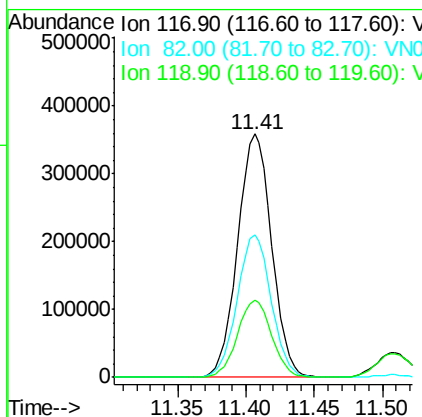
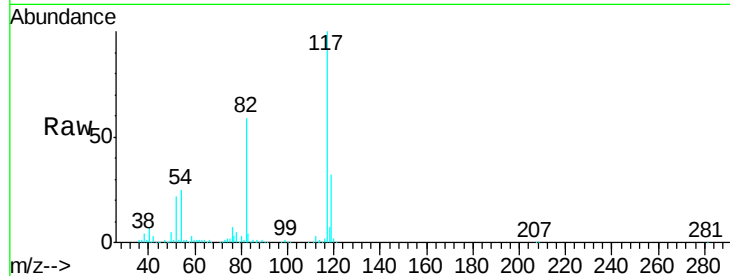
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	58.7	47.0	70.4
119	31.5	25.4	38.2

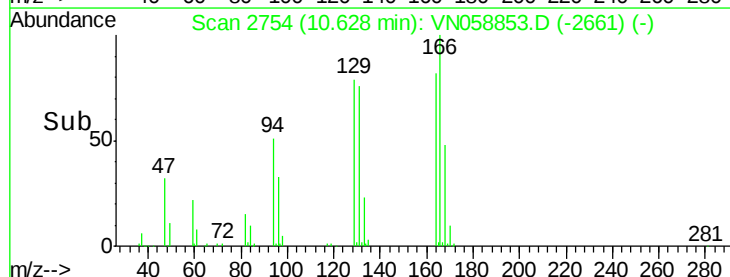
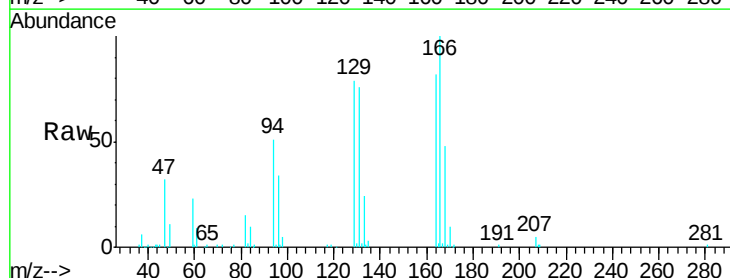
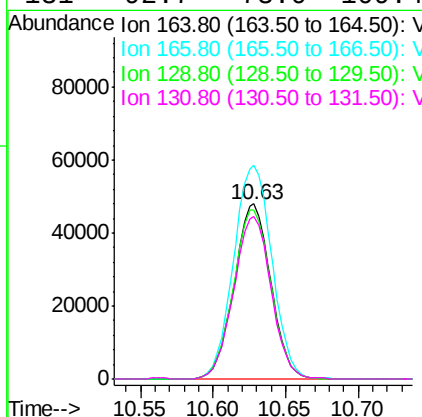
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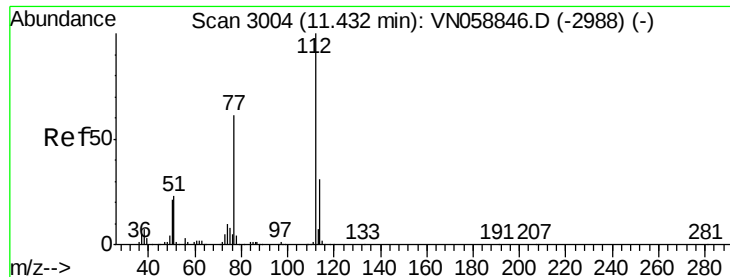
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#64
Tetrachloroethene
Concen: 19.370 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	122.1	99.3	148.9
129	96.6	75.2	112.8
131	92.7	73.0	109.4





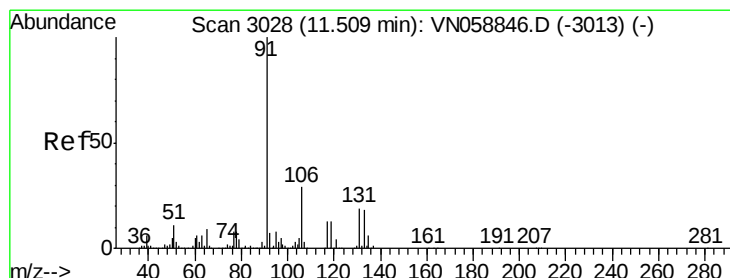
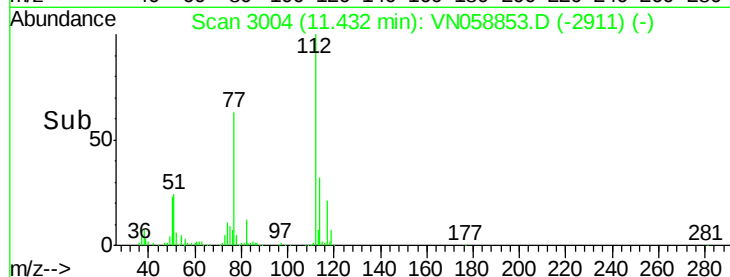
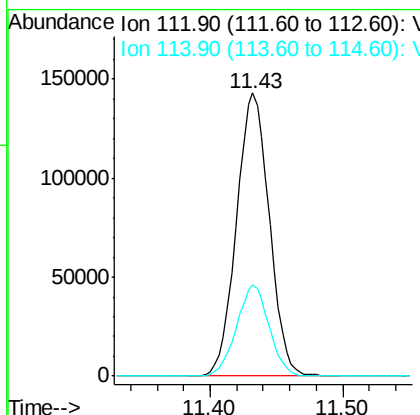
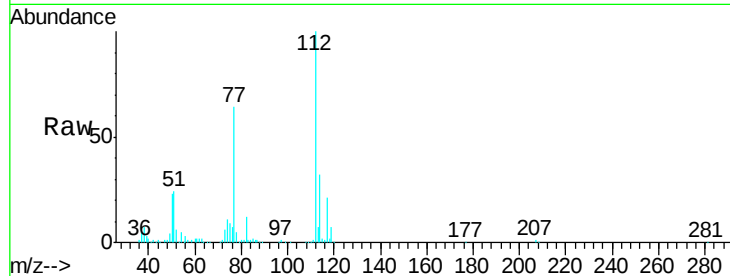
#65
Chlorobenzene
Concen: 19.380 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBS01

Tgt Ion:112 Resp: 245181
Ion Ratio Lower Upper
112 100
114 32.1 25.2 37.8

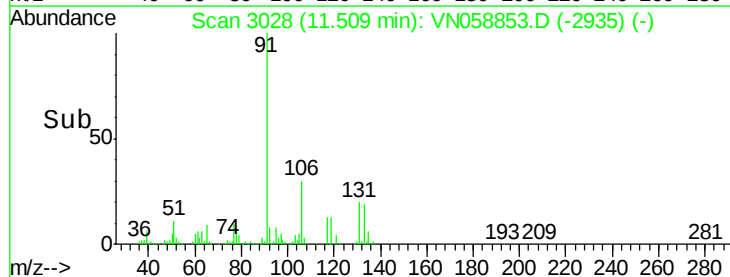
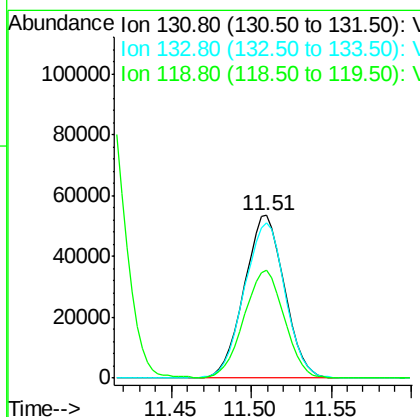
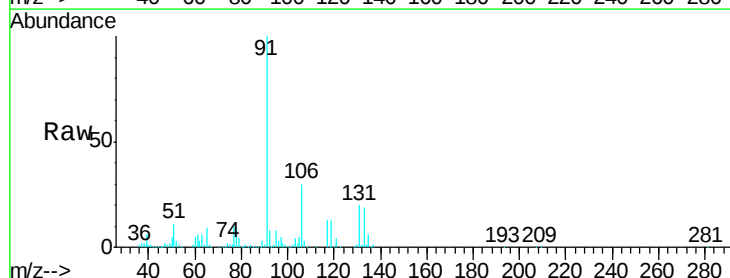
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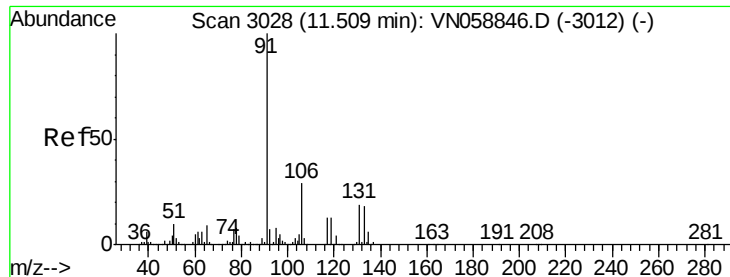
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.391 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Tgt Ion:131 Resp: 92573
Ion Ratio Lower Upper
131 100
133 96.4 47.6 142.9
119 66.6 33.0 98.9





#67

Ethyl Benzene

Concen: 20.218 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBS01

Tgt Ion: 91 Resp: 448708

Ion Ratio Lower Upper

91 100

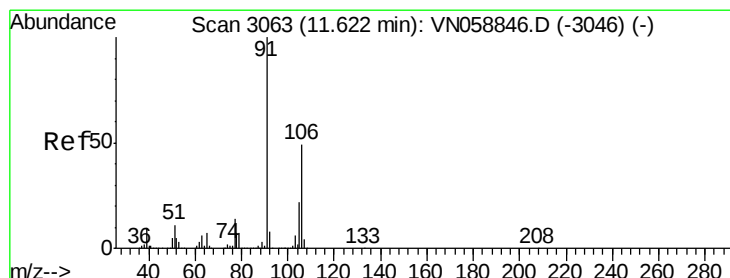
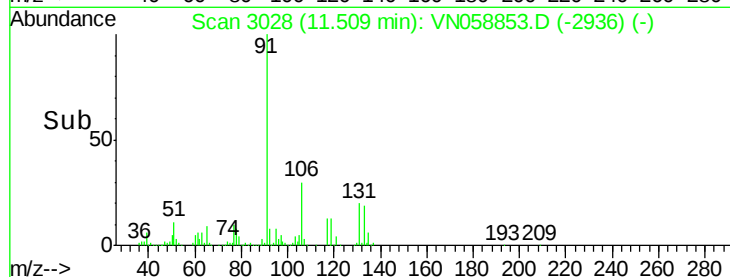
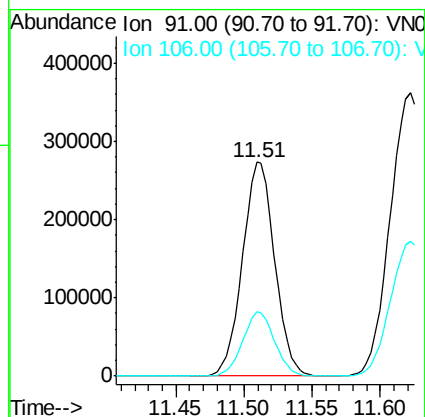
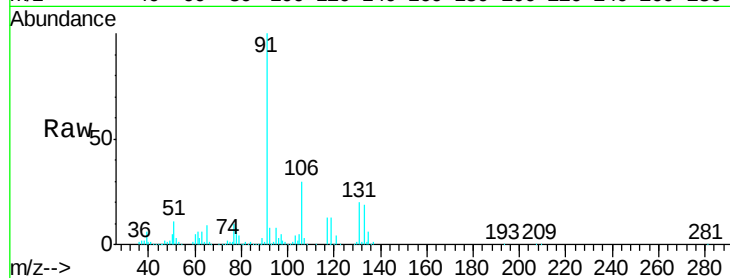
106 30.1 24.1 36.1

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#68

m/p-Xylenes

Concen: 40.281 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. -0.00 min

Lab File: VN058853.D

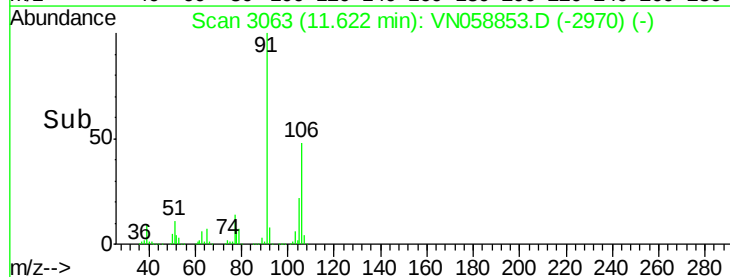
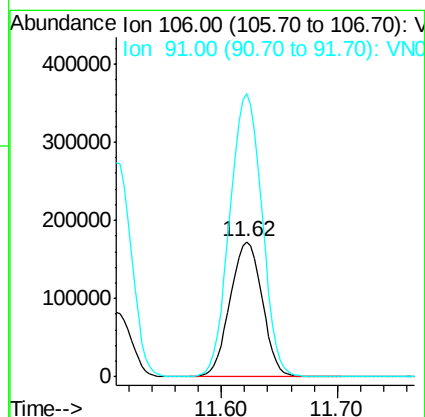
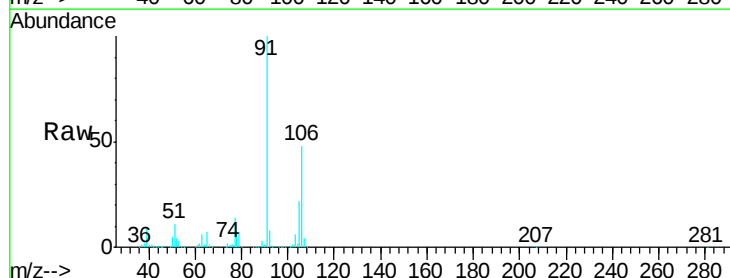
Acq: 18 Oct 2019 13:23

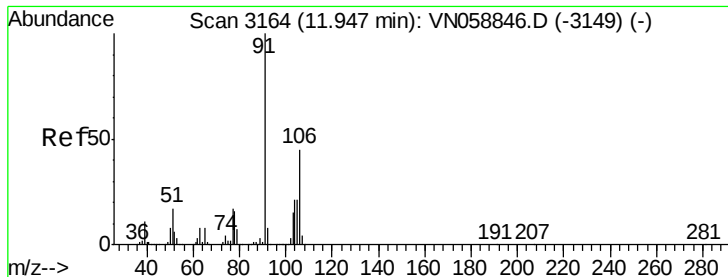
Tgt Ion: 106 Resp: 331525

Ion Ratio Lower Upper

106 100

91 210.0 165.7 248.5





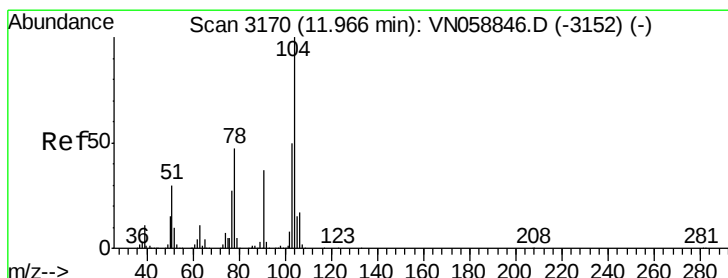
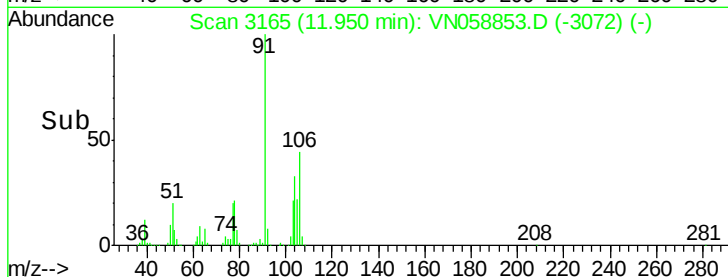
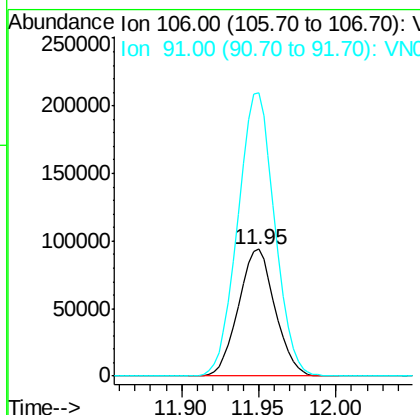
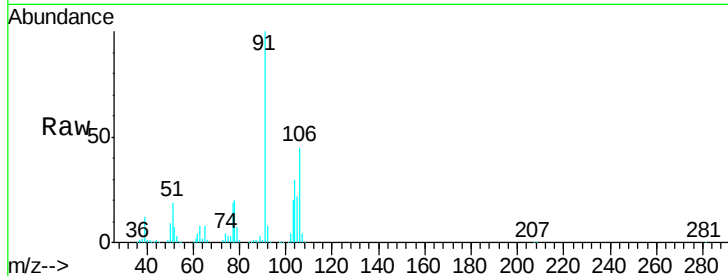
#69
o-Xylene
Concen: 19.756 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBS01

Tgt Ion:106 Resp: 155071
Ion Ratio Lower Upper
106 100
91 224.4 110.9 332.9

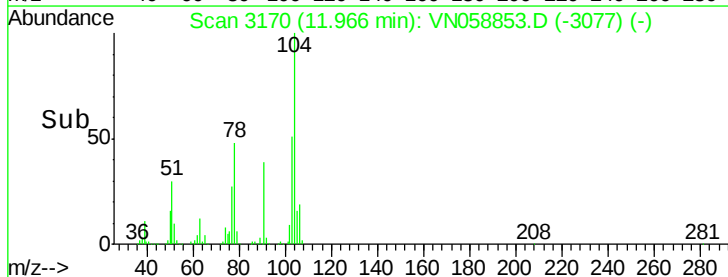
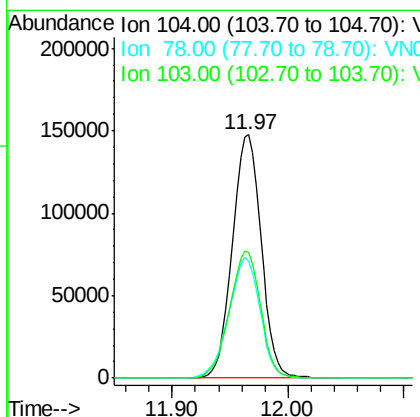
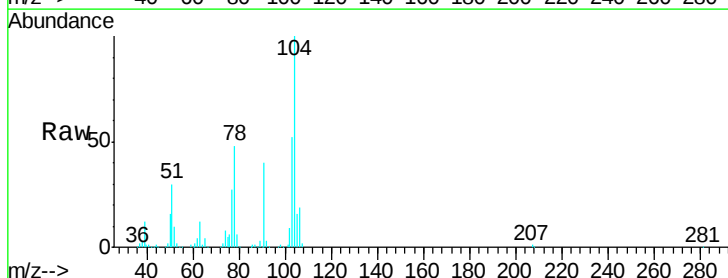
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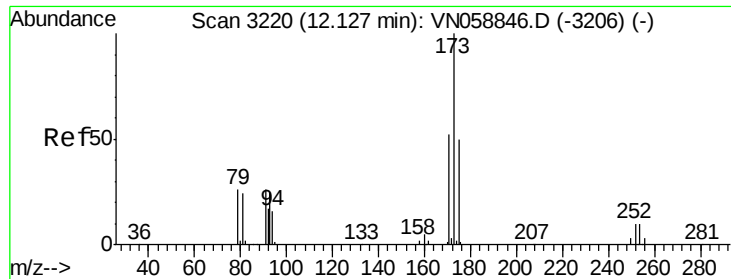
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#70
Styrene
Concen: 19.837 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. -0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Tgt Ion:104 Resp: 253963
Ion Ratio Lower Upper
104 100
78 53.5 42.2 63.2
103 56.0 43.7 65.5





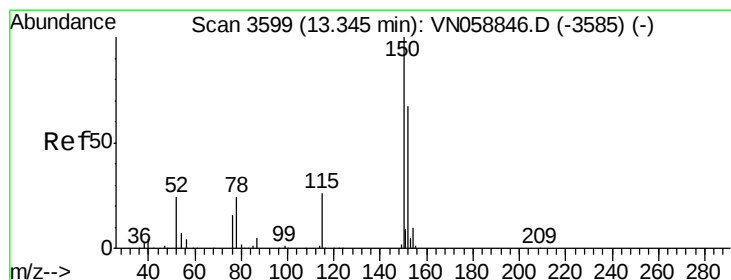
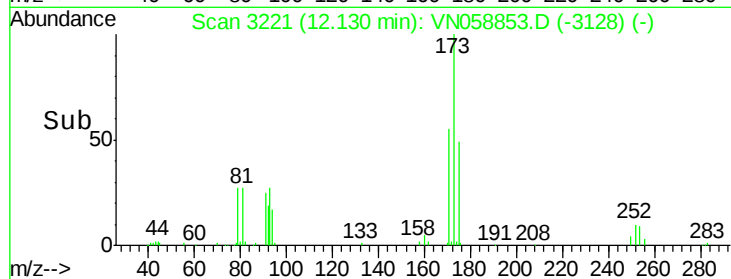
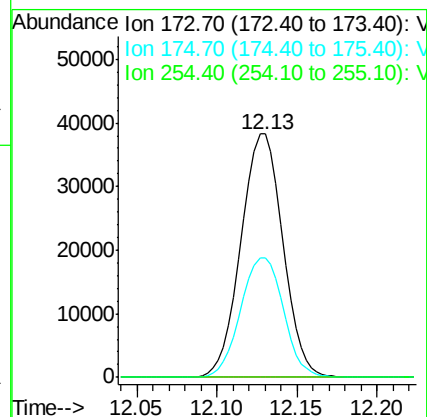
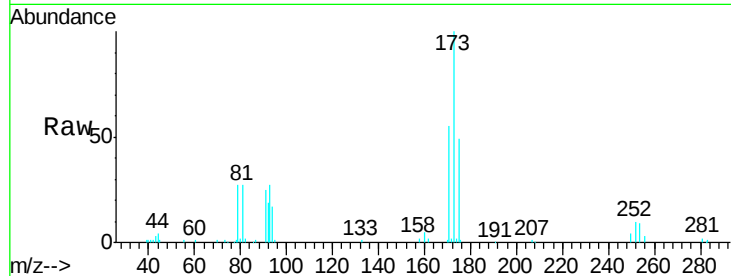
#71
Bromoform
Concen: 18.487 ug/l
RT: 12.13 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBS01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.0	24.6	73.8
254	0.0	0.1	0.1#

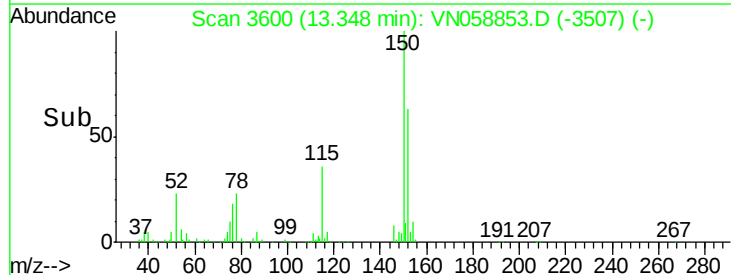
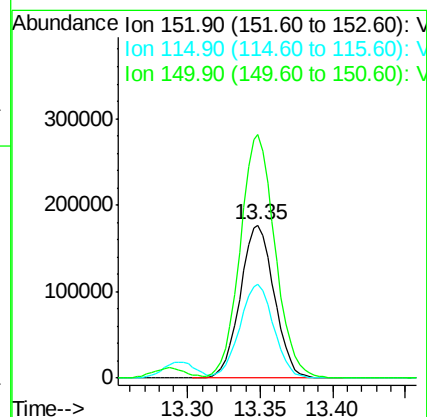
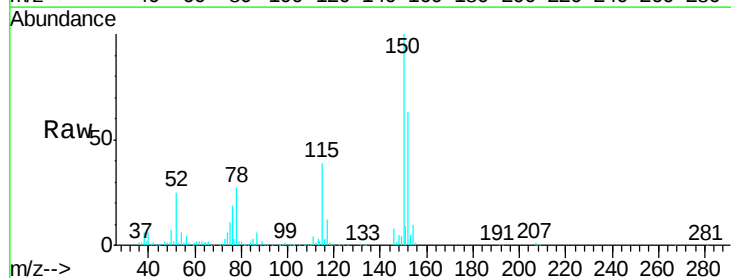
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.5	30.4	91.2
150	163.2	0.0	345.4





#73

Isopropylbenzene

Concen: 20.391 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBS01

Tgt Ion: 105 Resp: 427884

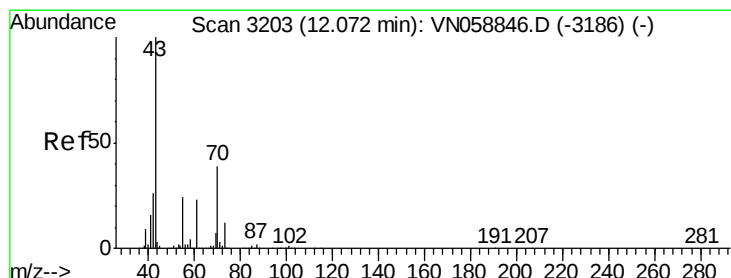
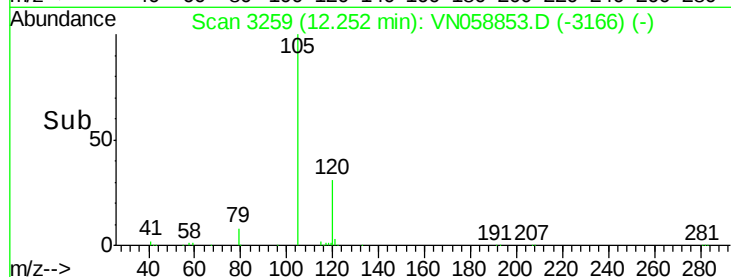
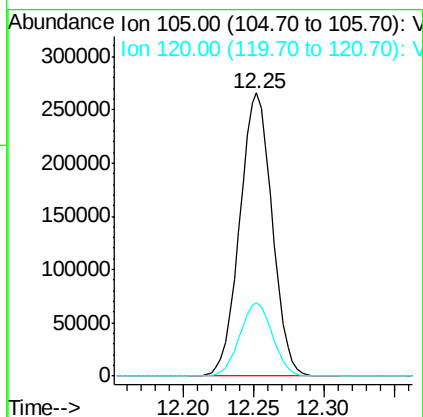
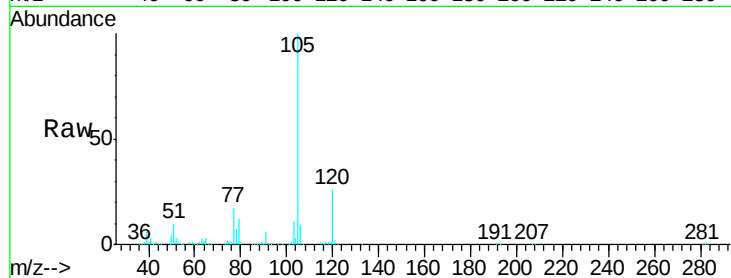
Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.1

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#74

N-ethyl acetate

Concen: 20.752 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

Tgt Ion: 43 Resp: 197423

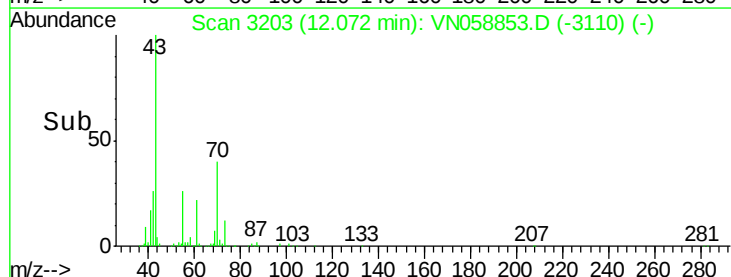
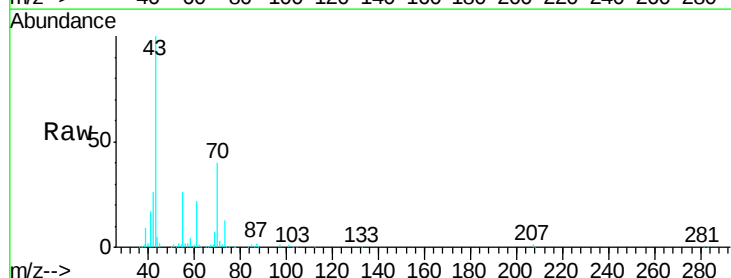
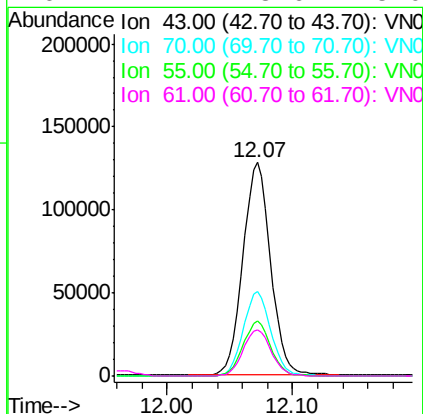
Ion Ratio Lower Upper

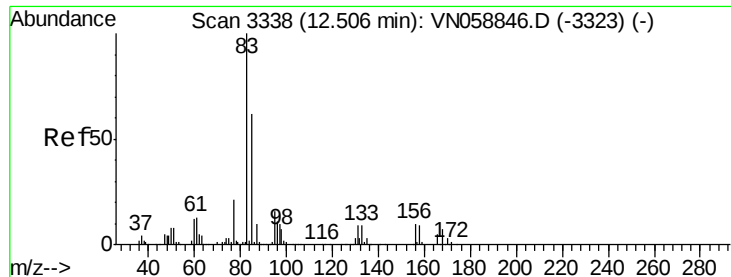
43 100

70 39.6 32.2 48.4

55 25.6 19.6 29.4

61 22.1 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.033 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. -0.00 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

Instrument :

MSVOA_N

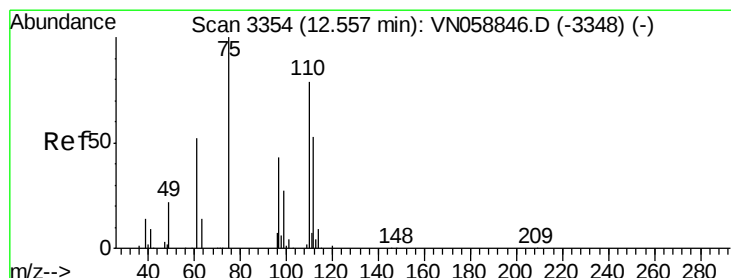
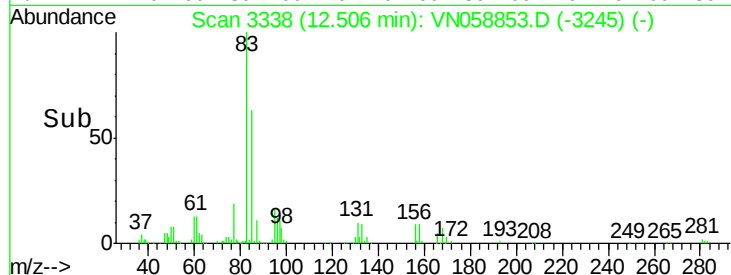
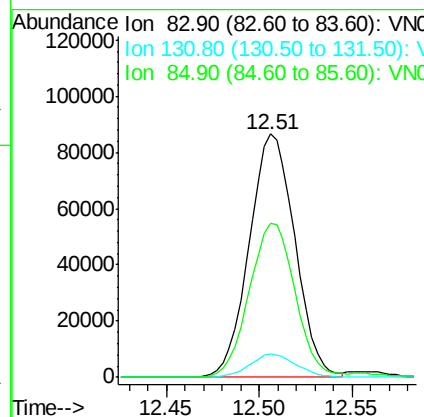
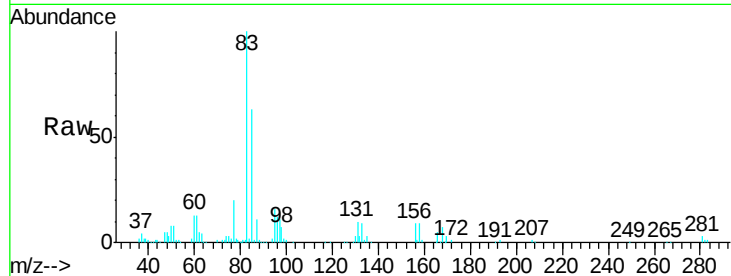
ClientSampleId :

VN1018WBS01

Tgt Ion:	83	Resp:	147813
Ion Ratio	Lower	Upper	
83	100		
131	9.7	4.8	14.4
85	63.8	31.9	95.5

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#76

1,2,3-Trichloropropane

Concen: 16.234 ug/l m

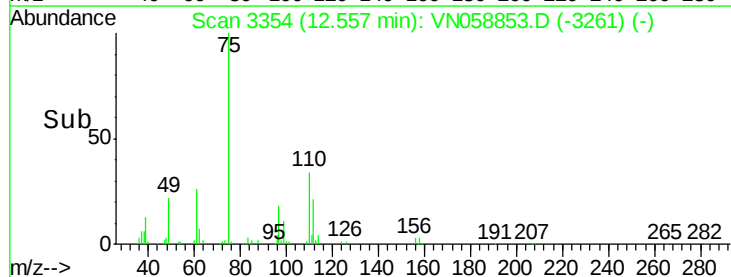
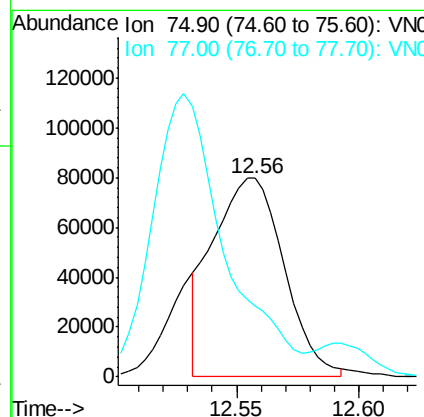
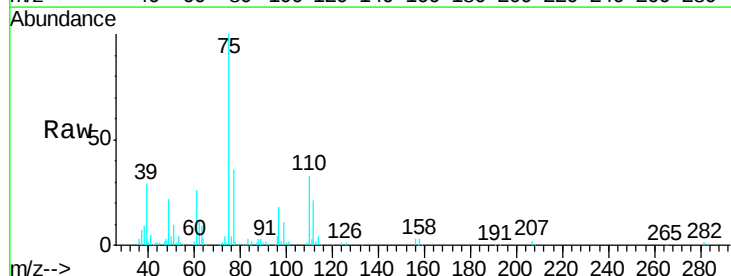
RT: 12.56 min Scan# 3354

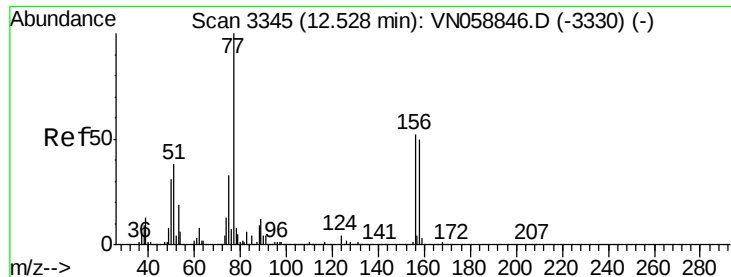
Delta R.T. -0.00 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

Tgt Ion:	75	Resp:	162232
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.533 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

Instrument :

MSVOA_N

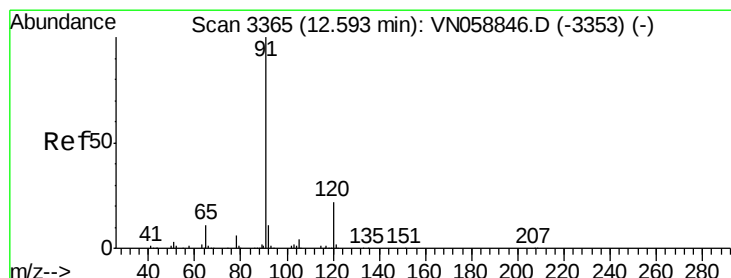
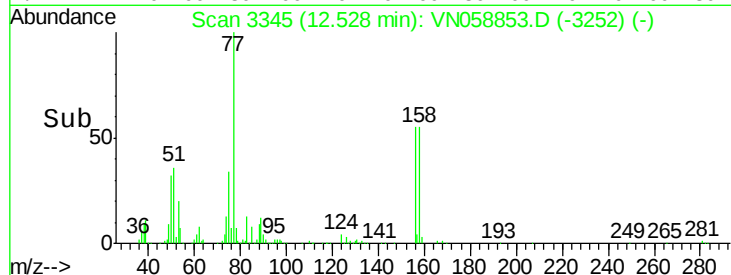
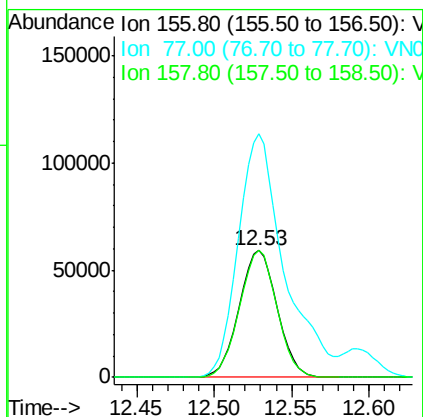
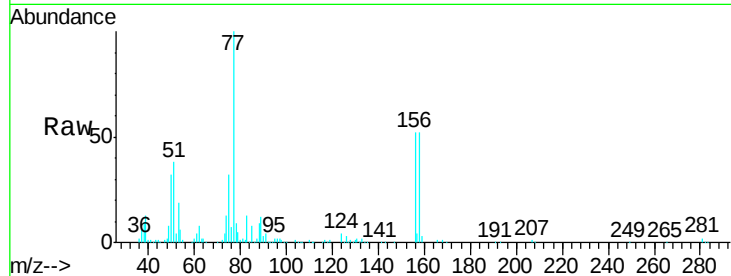
ClientSampleId :

VN1018WBS01

Tgt Ion:	156	Resp:	101028
Ion Ratio	Lower	Upper	
156	100		
77	232.8	115.8	347.3
158	98.8	48.9	146.6

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#78

n-propylbenzene

Concen: 20.451 ug/l

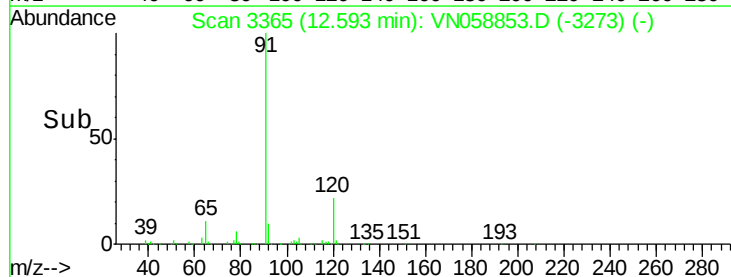
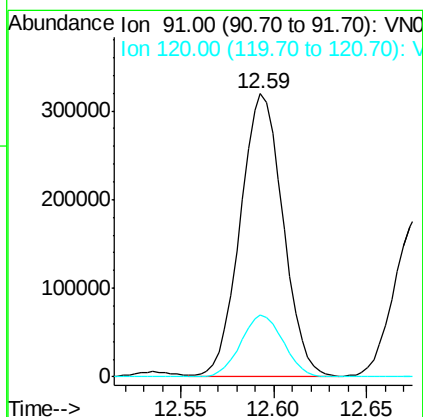
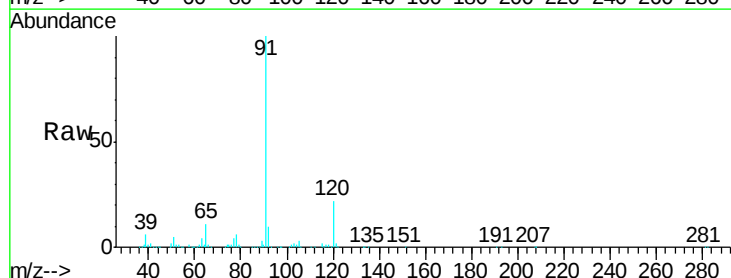
RT: 12.59 min Scan# 3365

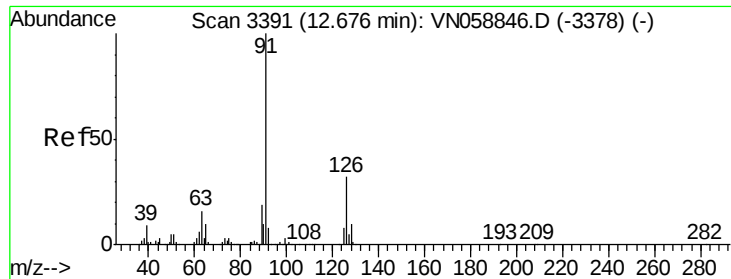
Delta R.T. -0.00 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

Tgt Ion:	91	Resp:	507260
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.1	33.3





#79

2-Chlorotoluene

Concen: 19.539 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. -0.00 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBS01

Tgt Ion: 91 Resp: 296621

Ion Ratio Lower Upper

91 100

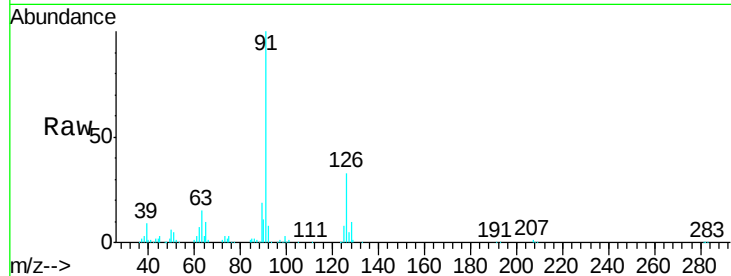
126 33.3 16.2 48.5

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Abundance Ion 91.00 (90.70 to 91.70): VN058846.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN058846.D (-3378) (-)

300000

200000

100000

0

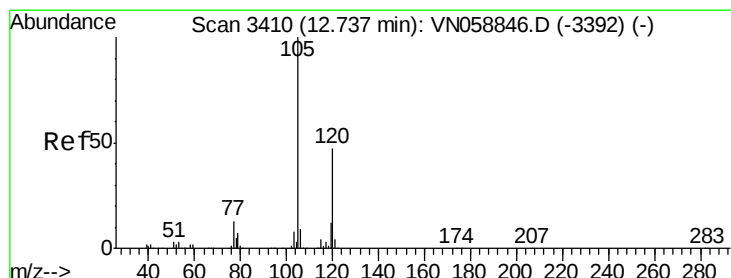
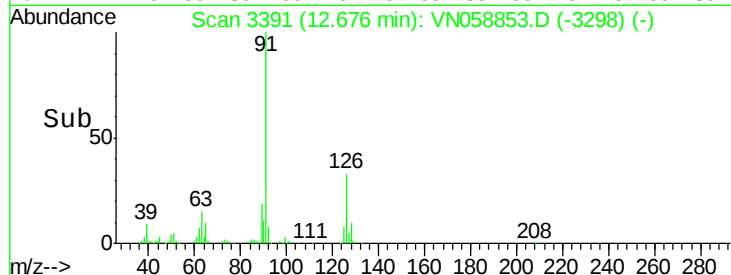
12.68

12.60

12.65

12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.623 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN058853.D

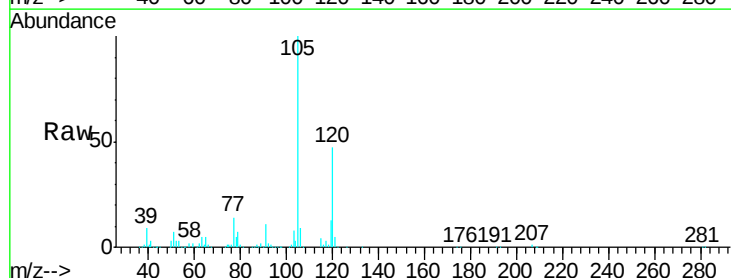
Acq: 18 Oct 2019 13:23

Tgt Ion: 105 Resp: 363591

Ion Ratio Lower Upper

105 100

120 47.0 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN058846.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN058846.D (-3392) (-)

250000

200000

150000

100000

50000

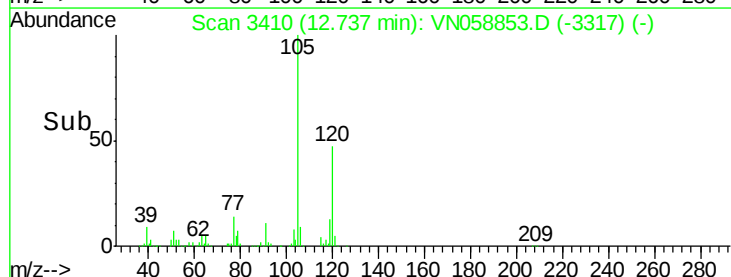
0

12.74

12.70

12.80

Time-->





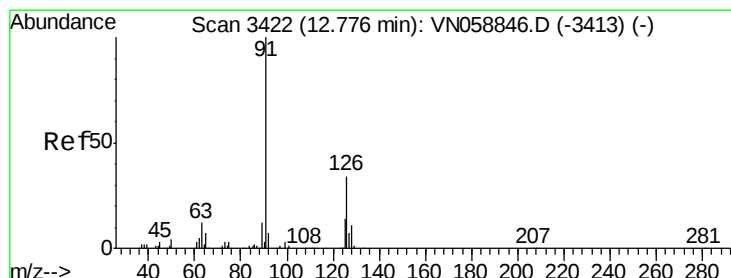
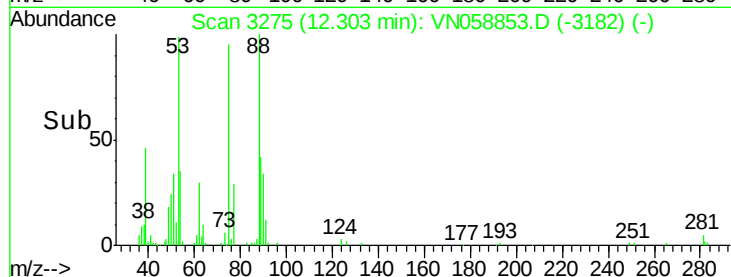
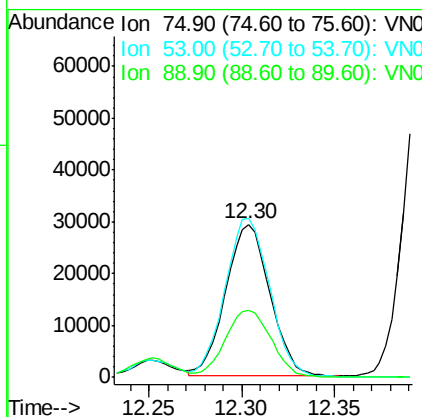
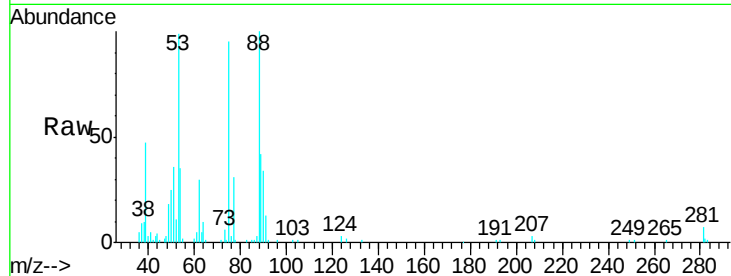
#81
trans-1,4-Dichloro-2-butene
Concen: 18.795 ug/l
RT: 12.30 min Scan# 3275
Delta R.T. -0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	107.4	78.4	117.6
89	46.3	34.9	52.3

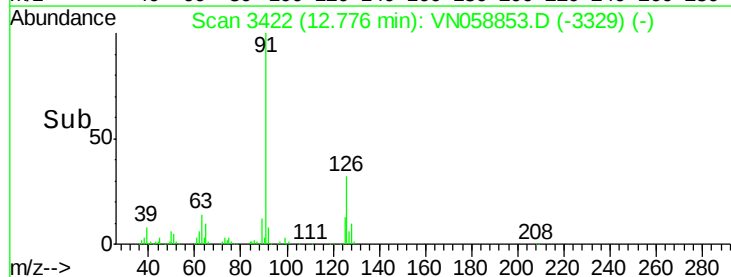
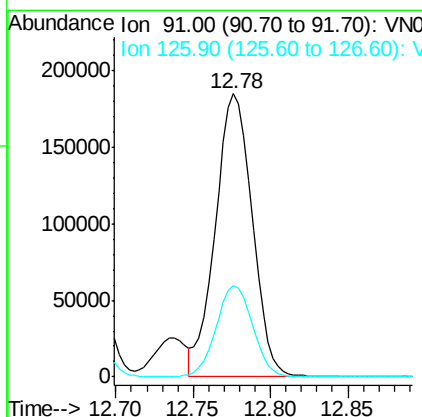
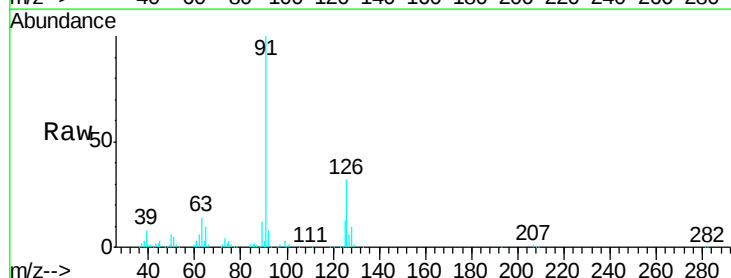
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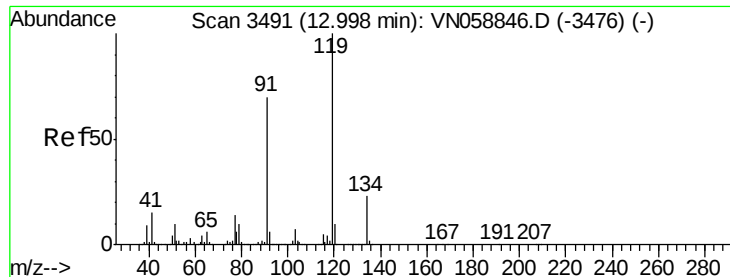
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#82
4-Chlorotoluene
Concen: 19.633 ug/l
RT: 12.78 min Scan# 3422
Delta R.T. -0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.2	15.9	47.6





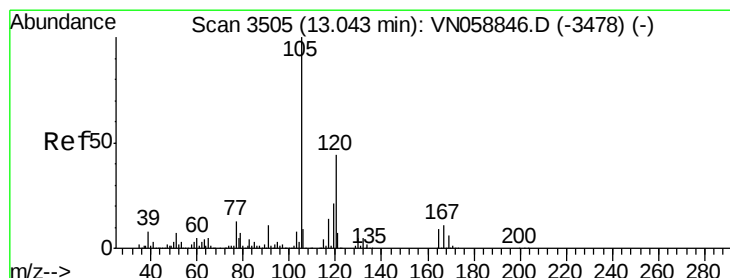
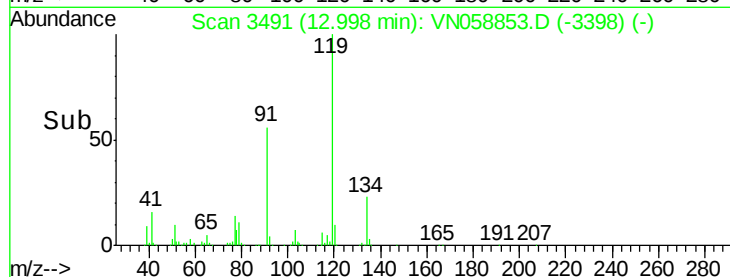
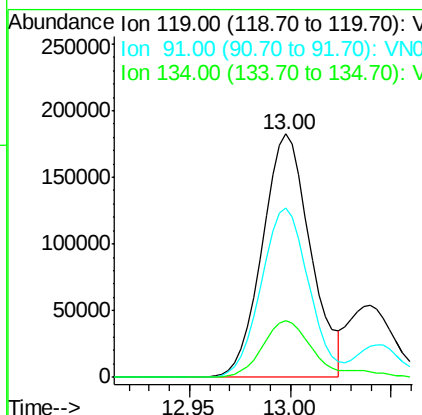
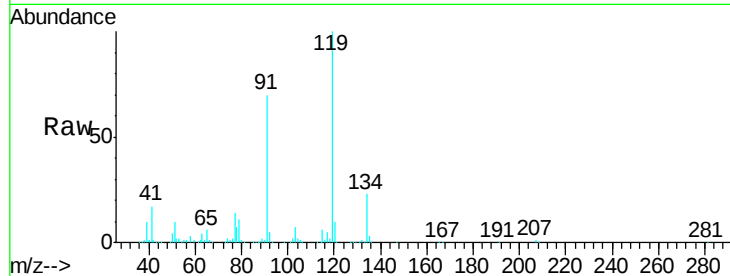
#83
 tert-Butylbenzene
 Concen: 20.064 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. -0.00 min
 Lab File: VN058853.D
 Acq: 18 Oct 2019 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1018WBS01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	69.2	33.8	101.3
134	25.5	12.6	37.6

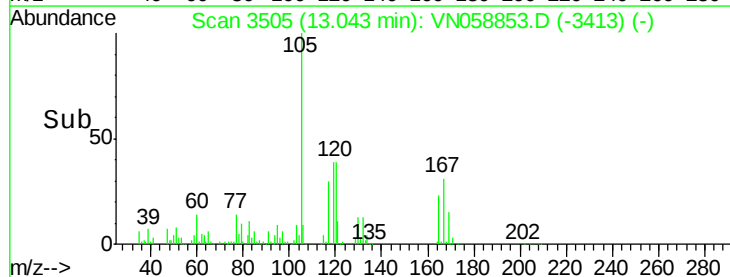
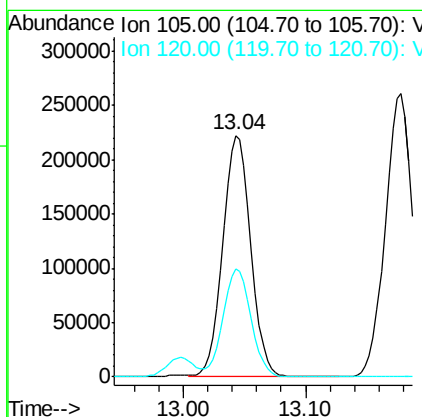
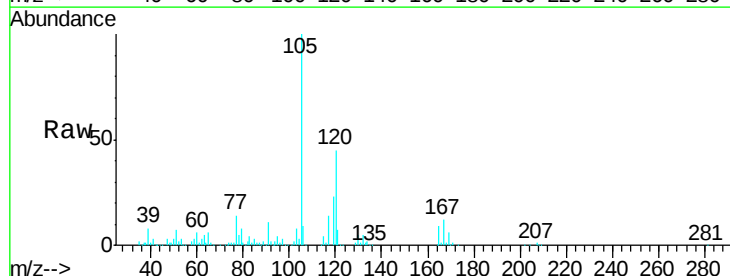
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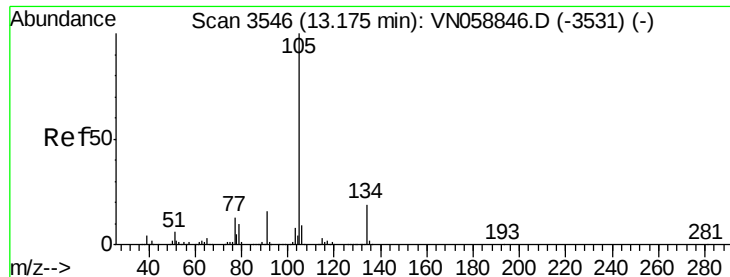
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.514 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. -0.00 min
 Lab File: VN058853.D
 Acq: 18 Oct 2019 13:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	21.9	65.7





#85

sec-Butylbenzene

Concen: 20.387 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN1018WBS01

Tgt Ion:105 Resp: 409788

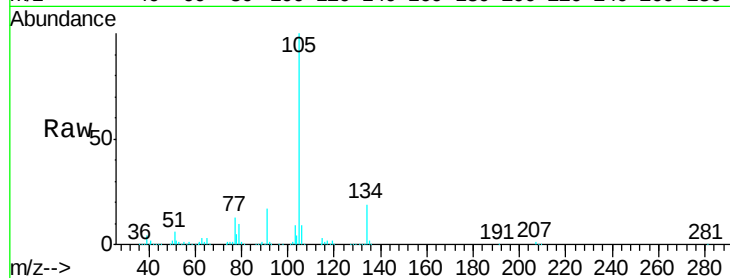
Ion Ratio Lower Upper

105 100

134 19.1 9.7 29.1

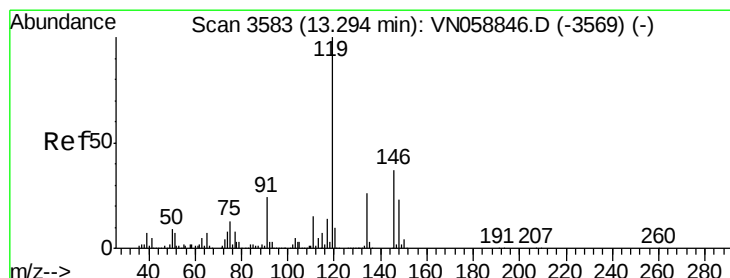
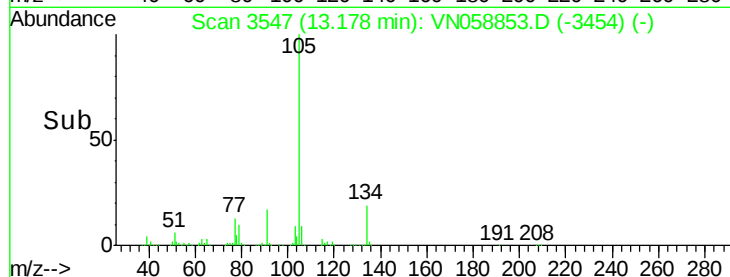
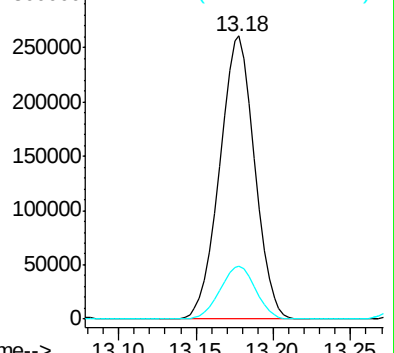
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.644 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN058853.D

Acq: 18 Oct 2019 13:23

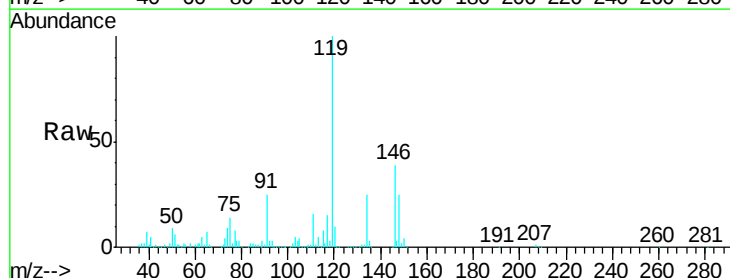
Tgt Ion:119 Resp: 366140

Ion Ratio Lower Upper

119 100

134 25.5 12.7 38.1

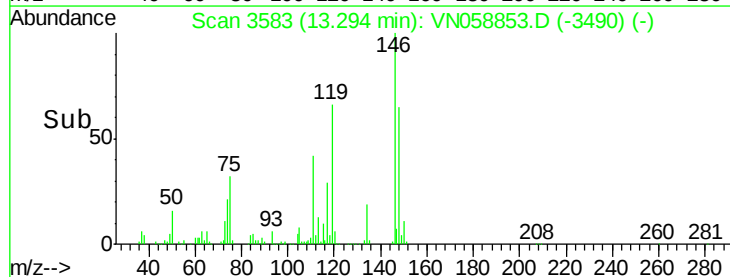
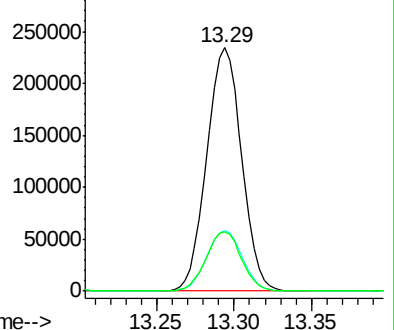
91 24.6 11.9 35.5

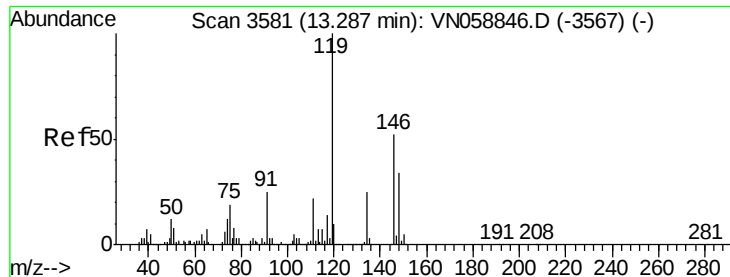


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





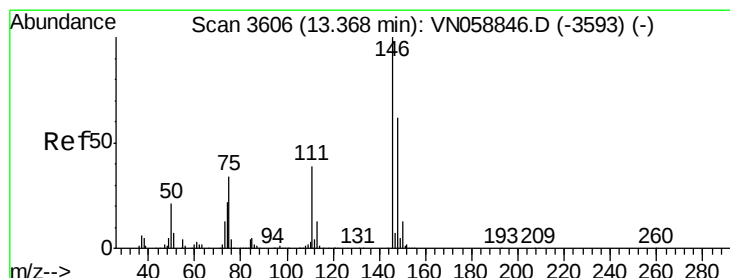
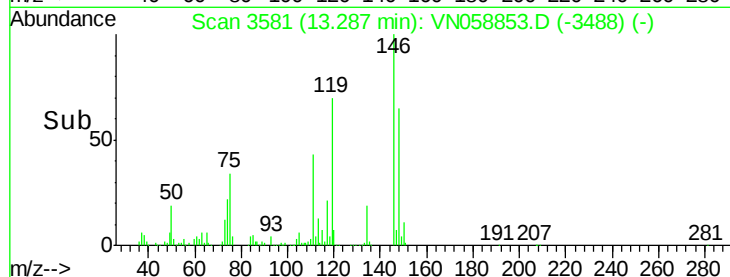
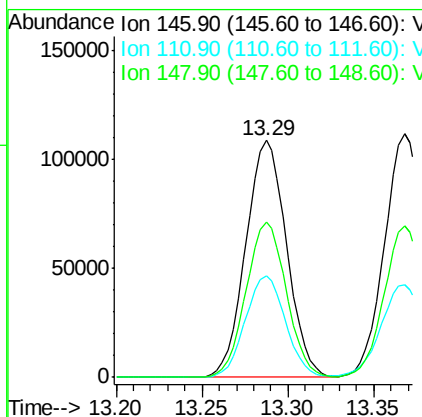
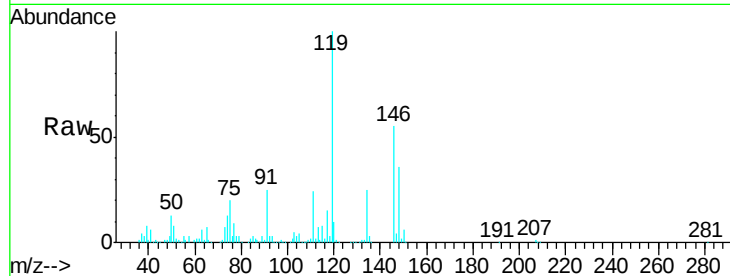
#87
 1,3-Dichlorobenzene
 Concen: 19.352 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN058853.D
 Acq: 18 Oct 2019 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1018WBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	42.1	20.5	61.6
148	64.7	31.3	93.9

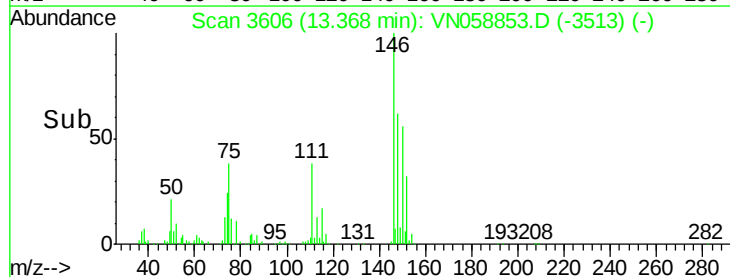
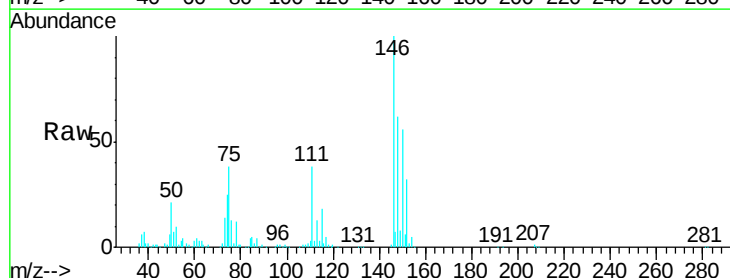
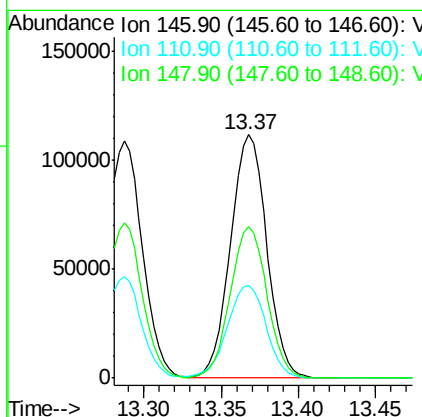
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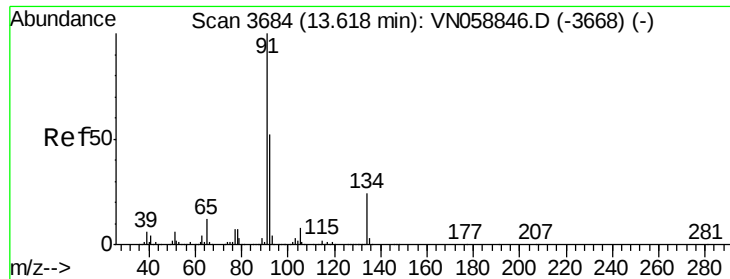
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#88
 1,4-Dichlorobenzene
 Concen: 19.611 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN058853.D
 Acq: 18 Oct 2019 13:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	40.9	20.1	60.2
148	63.0	31.9	95.7





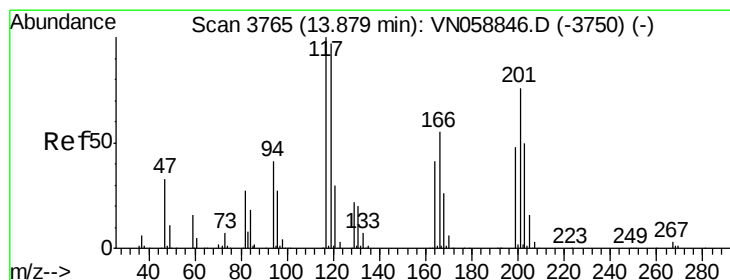
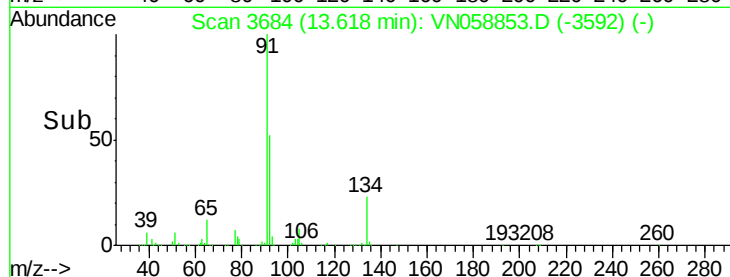
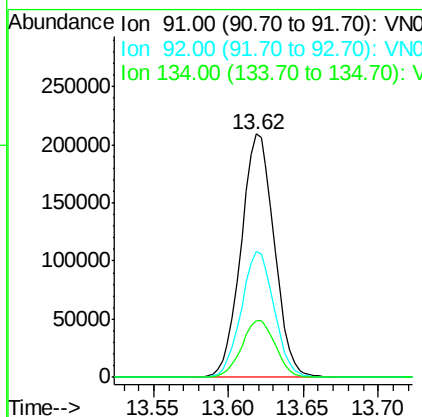
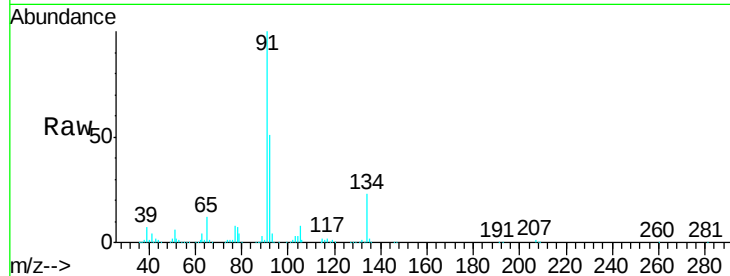
#89
n-Butylbenzene
Concen: 19.860 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.1	26.0	78.0
134	23.7	12.2	36.6

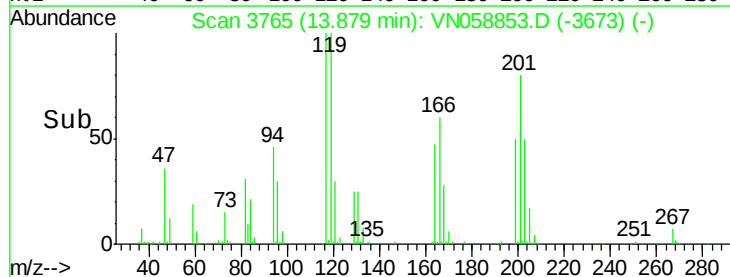
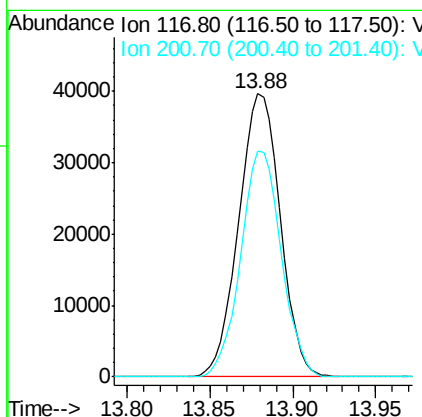
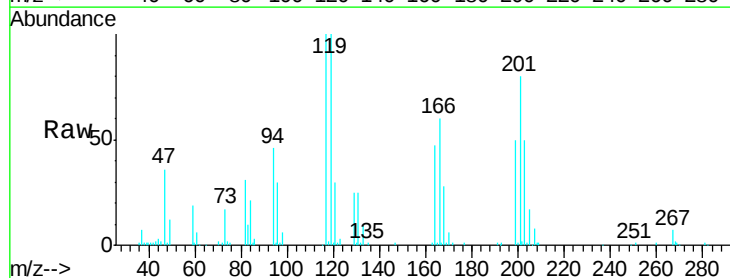
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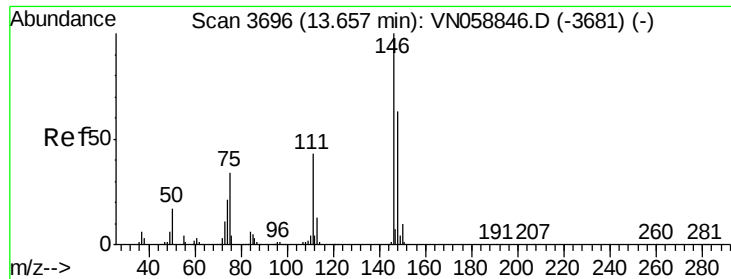
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#90
Hexachloroethane
Concen: 19.247 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.5	39.6	118.7





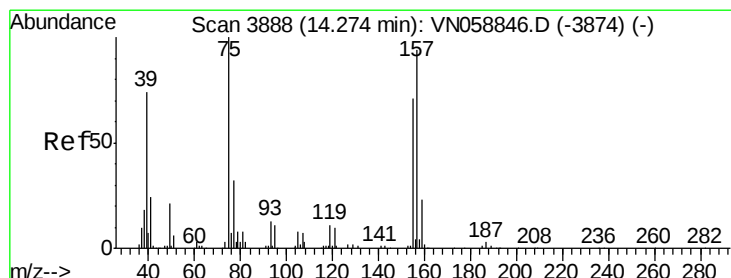
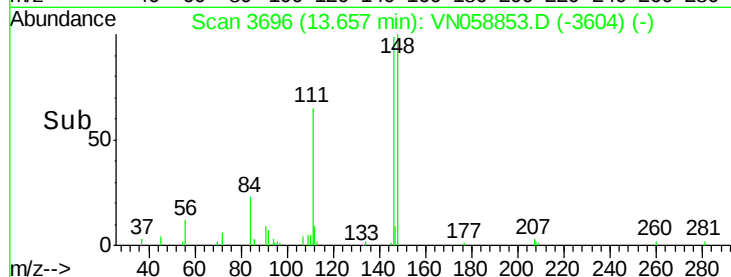
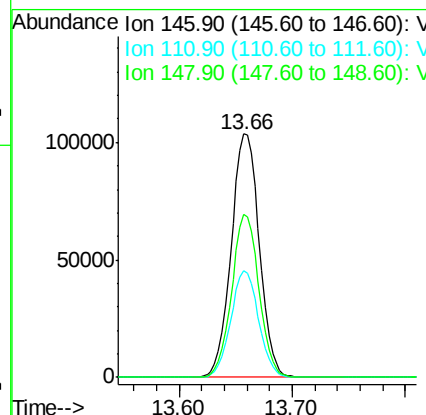
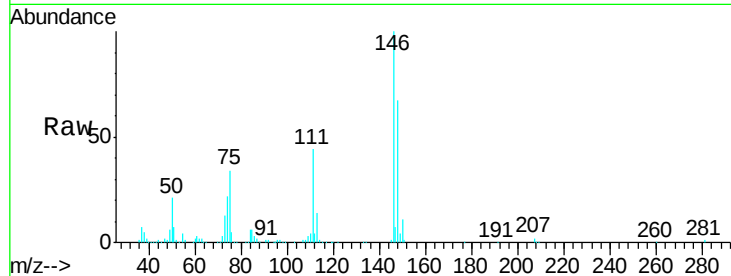
#91
 1,2-Dichlorobenzene
 Concen: 19.739 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN058853.D
 Acq: 18 Oct 2019 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1018WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	179430		
111	43.2	21.1	63.4	
148	64.7	31.8	95.3	

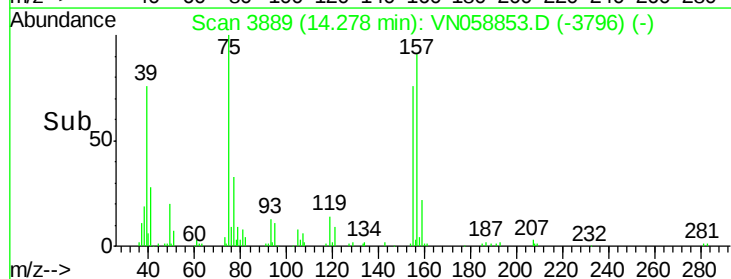
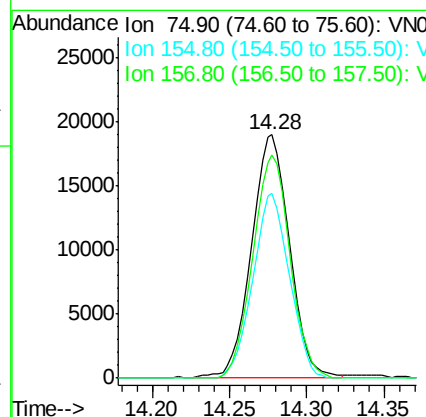
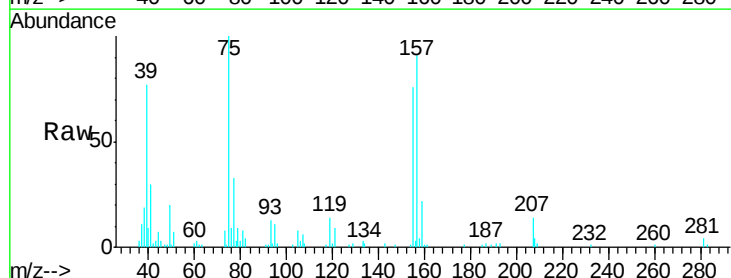
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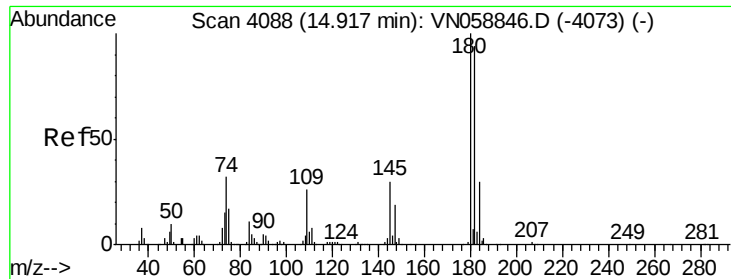
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.476 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN058853.D
 Acq: 18 Oct 2019 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	32502		
155	72.8	37.9	113.6	
157	89.7	49.4	148.2	





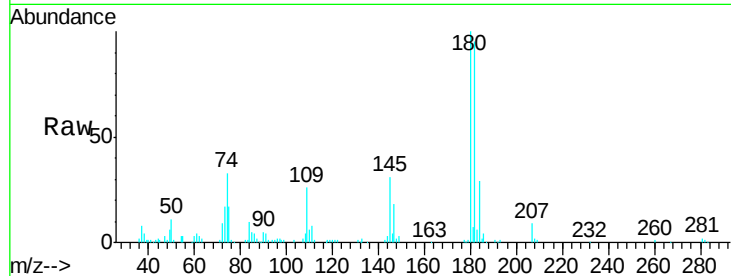
#93
 1,2,4-Trichlorobenzene
 Concen: 19.365 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. -0.00 min
 Lab File: VN058853.D
 Acq: 18 Oct 2019 13:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1018WBS01

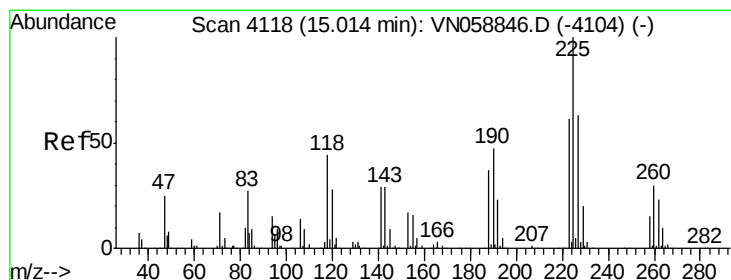
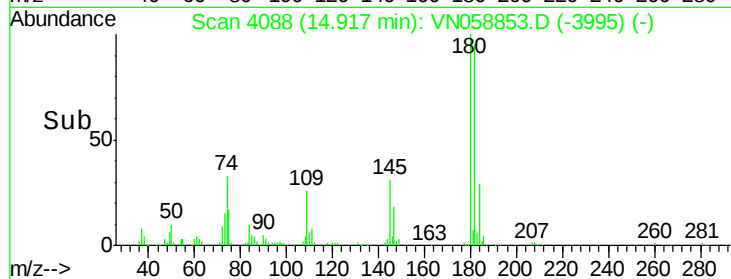
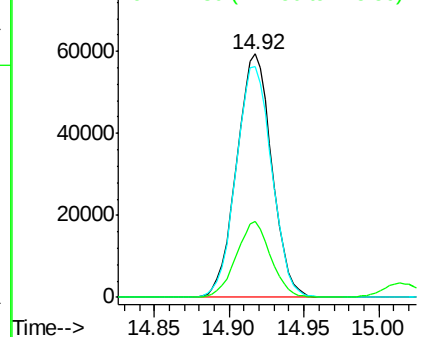
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	97067		
182	96.3	47.4	142.2	
145	30.5	15.4	46.2	

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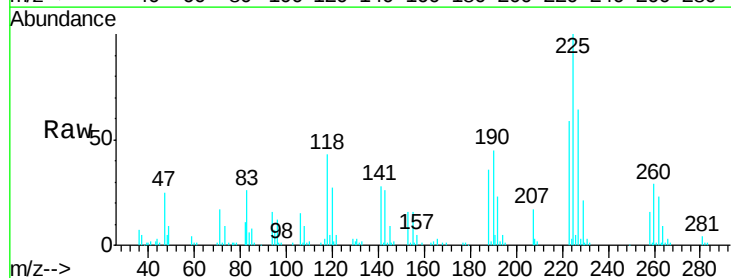


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

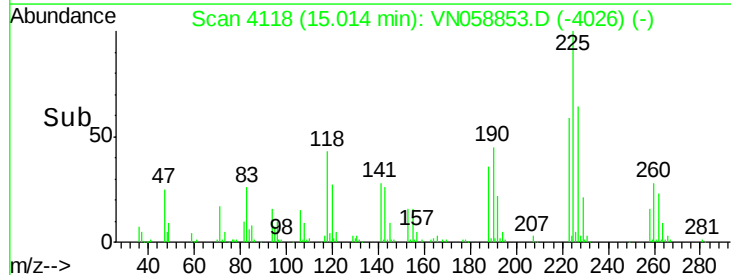
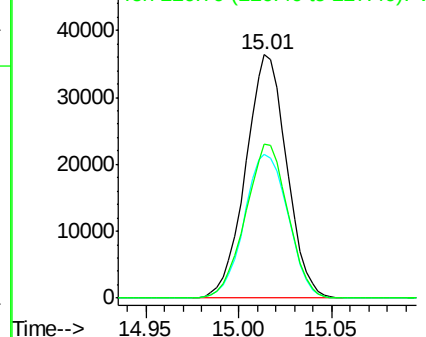


#94
 Hexachlorobutadiene
 Concen: 18.960 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN058853.D
 Acq: 18 Oct 2019 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	55860		
223	63.0	32.3	96.8	
227	65.4	32.4	97.0	



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





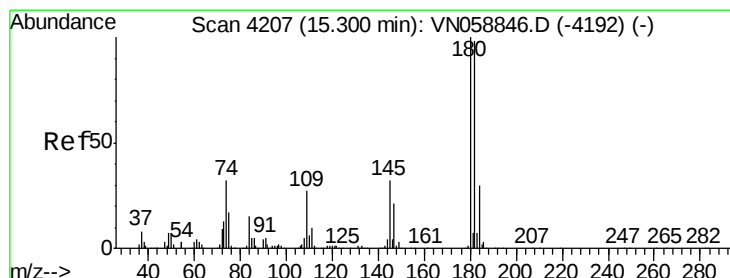
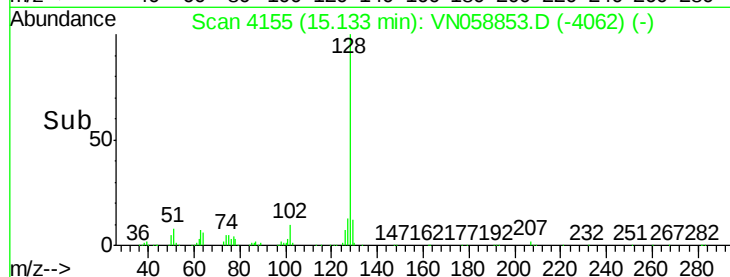
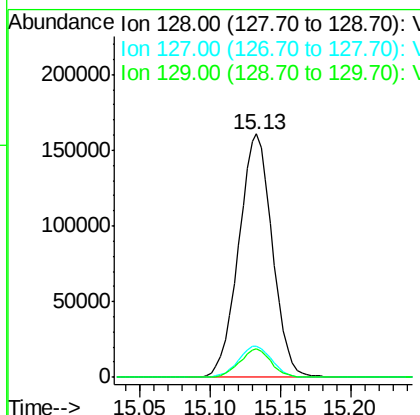
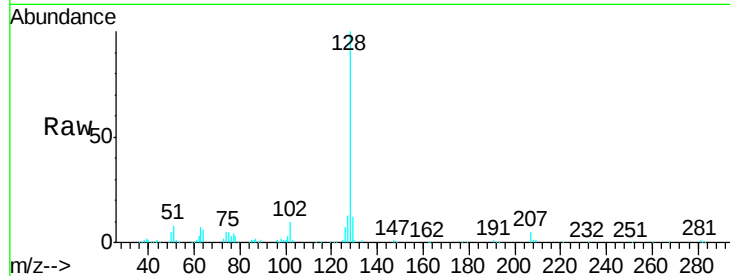
#95
Naphthalene
Concen: 19.135 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	267733		
127	12.9	10.2	15.4	
129	11.1	8.5	12.7	

Manual Integrations
APPROVED

MMDadoda
10/21/2019 10:43:10 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.559 ug/l
RT: 15.30 min Scan# 4207
Delta R.T. -0.00 min
Lab File: VN058853.D
Acq: 18 Oct 2019 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	96366		
182	94.2	47.3	142.0	
145	32.2	16.2	48.6	

