

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100620\
 Data File : VN063896.D
 Acq On : 6 Oct 2020 16:01
 Operator : JC/MD
 Sample : VN1006WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/7/2020 12:11:41 PM

Quant Time: Oct 06 16:57:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N100620W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 06 16:42:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	55299	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	292792	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	273363	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	146945	29.59	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.63%
60) 4-Bromofluorobenzene	12.38	95	136682	29.24	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.47%
63) Toluene-d8	10.06	98	383647	30.97	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.23%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	63203	16.886	ug/l 98
3) Chloromethane	2.04	50	63866	16.489	ug/l 99
4) Vinyl Chloride	2.16	62	62523	16.227	ug/l 99
5) Bromomethane	2.54	94	40890	16.488	ug/l 98
6) Chloroethane	2.68	64	38839	16.068	ug/l 97
7) Trichlorofluoromethane	2.98	101	100268	16.485	ug/l 97
8) Diethyl Ether	3.37	74	32627	16.566	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	50377	15.939	ug/l 95
10) 1,1-Dichloroethene	3.70	96	50126	16.892	ug/l 92
11) Methyl Iodide	3.91	142	55896	14.763	ug/l 89
12) Methyl Acetate	4.28	43	58640	16.057	ug/l 96
13) Acrolein	3.57	56	37778	106.276	ug/l 98
14) Acrylonitrile	4.93	53	109328	72.811	ug/l 93
15) Acetone	3.77	58	32771	75.397	ug/l # 68
16) Carbon Disulfide	4.01	76	138827	15.776	ug/l 96
17) Allyl chloride	4.27	41	85692	15.515	ug/l 82
18) Methylene Chloride	4.50	84	59399	16.700	ug/l 93
19) trans-1,2-Dichloroethene	4.99	96	53386	15.928	ug/l 95
20) Diisopropyl ether	5.90	45	168928	15.215	ug/l 90
21) 1,1-Dichloroethane	5.80	63	108555	16.151	ug/l 99
22) cis-1,2-Dichloroethene	6.78	96	62485	16.422	ug/l 94
23) tert-Butyl Alcohol	4.73	59	46015	71.443	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	156447	15.715	ug/l 92
25) Chloroform	7.33	83	113518	16.108	ug/l 99
26) Cyclohexane	7.61	56	75880	15.673	ug/l # 96
29) 1,1-Dichloropropene	7.75	75	82279	16.047	ug/l 96
30) 2-Butanone	6.78	43	181100	72.012	ug/l 97
31) 2,2-Dichloropropane	6.78	77	99807	16.288	ug/l 95
32) 1,1,1-Trichloroethane	7.53	97	105907	16.191	ug/l 97
33) Carbon Tetrachloride	7.73	117	90001	15.704	ug/l 94
34) Benzene	8.00	78	229558	15.747	ug/l 94
35) Methacrylonitrile	7.13	41	35997	15.060	ug/l 86
36) 1,2-Dichloroethane	8.09	62	100417	15.677	ug/l # 93
37) Trichloroethene	8.80	130	60075	15.728	ug/l 98
38) Methylcyclohexane	9.05	83	67333	15.553	ug/l 99
39) 1,2-Dichloropropane	9.08	63	61721	15.582	ug/l 98
40) Dibromomethane	9.17	93	43939	15.883	ug/l 89

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	88526	15.396	ug/l	97
42) Vinyl Acetate	5.84	43	805280	77.154	ug/l	98
43) Ethyl Acetate	6.88	43	88000m	16.340	ug/l	
44) Isopropyl Acetate	8.13	43	136145	15.254	ug/l	92
45) 1,4-Dioxane	9.16	88	15446	269.926	ug/l	97
46) Methyl methacrylate	9.17	41	66324	14.936	ug/l	84
47) n-amyl Acetate	12.05	43	110727	13.953	ug/l	93
48) t-1,3-Dichloropropene	10.35	75	94095	15.144	ug/l	95
49) cis-1,3-Dichloropropene	9.81	75	98338	15.262	ug/l #	80
50) 1,1,2-Trichloroethane	10.53	97	58601	15.863	ug/l	97
51) Ethyl methacrylate	10.40	69	80104	14.950	ug/l	83
52) 1,3-Dichloropropane	10.68	76	98990	15.643	ug/l	100
53) Dibromochloromethane	10.87	129	65353	15.371	ug/l	99
54) 1,2-Dibromoethane	10.98	107	60120	15.522	ug/l	98
55) 2-Chloroethyl vinyl ether	9.66	63	231327	80.902	ug/l	99
56) Bromoform	12.10	173	44846	15.222	ug/l	94
58) 4-Methyl-2-Pentanone	9.95	43	397399	74.906	ug/l	95
59) 2-Hexanone	10.72	43	292032	73.901	ug/l	94
61) Tetrachloroethene	10.60	164	56429	16.272	ug/l	93
62) Toluene	10.13	91	253180	16.126	ug/l	99
64) Chlorobenzene	11.41	112	152412	16.017	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.48	131	59955	16.110	ug/l	100
66) Ethyl Benzene	11.49	91	274127	15.900	ug/l	99
67) m/p-Xylenes	11.59	106	201017	31.354	ug/l	96
68) o-Xylene	11.92	106	94217	15.424	ug/l	90
69) Styrene	11.94	104	160046	15.356	ug/l	96
70) Isopropylbenzene	12.22	105	255102	15.717	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	78371	15.275	ug/l	95
72) 1,2,3-Trichloropropane	12.53	75	76763m	14.673	ug/l	
73) Bromobenzene	12.50	156	65379	15.892	ug/l	89
74) n-propylbenzene	12.57	91	292904	15.437	ug/l	99
75) 2-Chlorotoluene	12.65	91	185525	16.030	ug/l	95
76) 1,3,5-Trimethylbenzene	12.71	105	212372	15.516	ug/l	98
77) t-1,4-Dichloro-2-butene	12.27	75	25768	13.848	ug/l	83
78) 4-Chlorotoluene	12.75	91	190880	15.575	ug/l	97
79) tert-butylbenzene	12.97	119	171794	15.667	ug/l	96
80) 1,2,4-Trimethylbenzene	13.02	105	213130	15.533	ug/l	97
81) sec-Butylbenzene	13.15	105	223210	15.487	ug/l	97
82) p-Isopropyltoluene	13.26	119	196655	15.096	ug/l	95
83) 1,3-Dichlorobenzene	13.26	146	109644	14.986	ug/l	96
84) 1,4-Dichlorobenzene	13.34	146	106481	14.651	ug/l	95
85) n-Butylbenzene	13.59	91	163408	14.337	ug/l	99
86) Hexachloroethane	13.85	117	33671	14.998	ug/l	83
87) 1,2-Dichlorobenzene	13.63	146	108222	15.074	ug/l	94
88) 1,2-Dibromo-3-Chloropropan	14.24	75	17257	14.077	ug/l	87
89) 1,2,4-Trichlorobenzene	14.88	180	50166	13.746	ug/l	97
90) Hexachlorobutadiene	14.98	225	28992	14.999	ug/l	92
91) Naphthalene	15.10	128	145326	13.018	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	47698	13.419	ug/l	97

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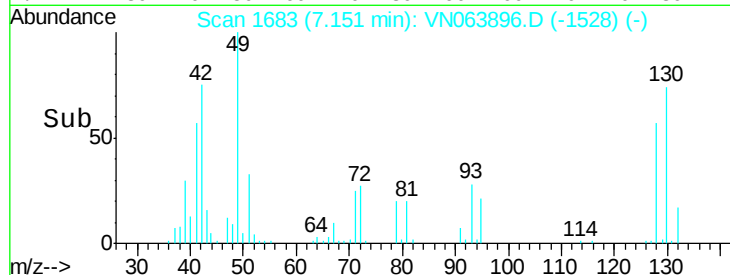
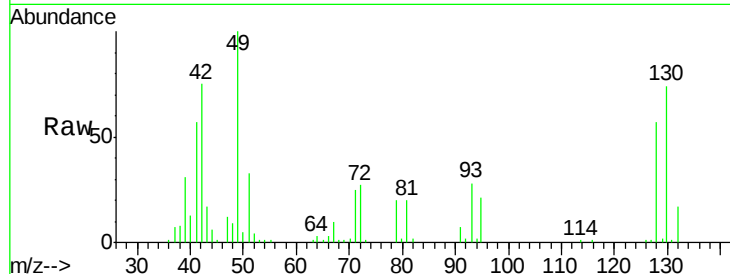
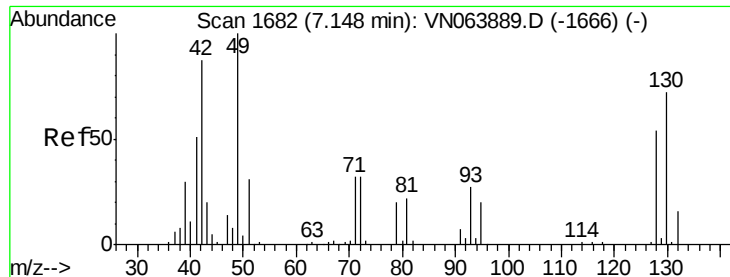
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VN063896.D

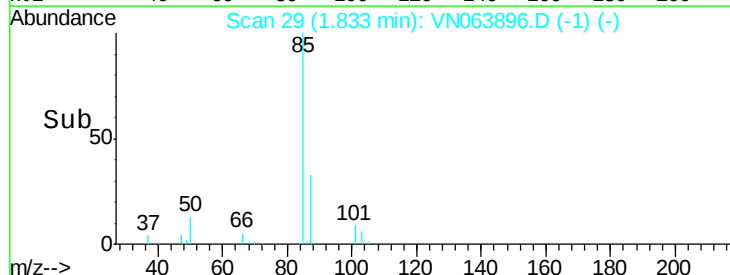
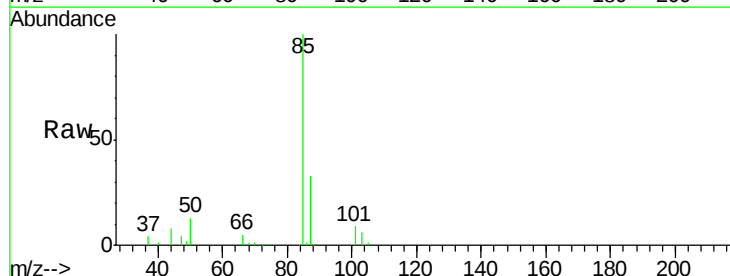
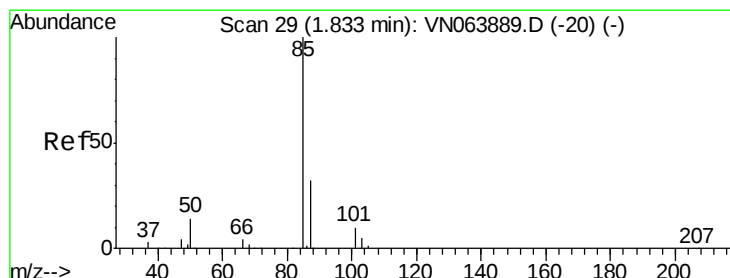
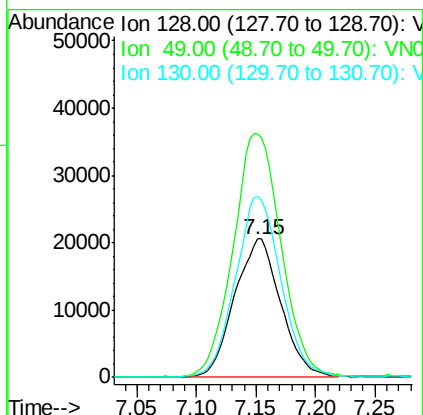
Acq: 6 Oct 2020 16:01

Tot Ion:	128	Resp:	55299
Ion	Ratio	Lower	Upper
128	100		
49	183.8	0.0	437.5
130	128.7	0.0	327.3

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#2

Dichlorodifluoromethane

Concen: 16.886 ug/l

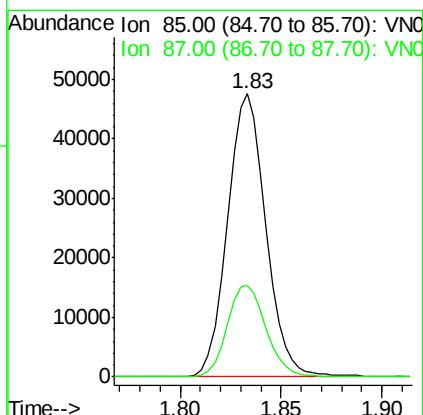
RT: 1.83 min Scan# 29

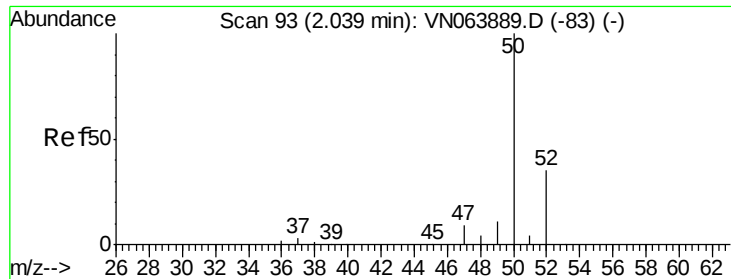
Delta R.T. 0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Tgt Ion:	85	Resp:	63203
Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.9	50.6





#3

Chloromethane

Concen: 16.489 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS01

Tot Ion: 50 Resp: 63866

Ion Ratio Lower Upper

50 100

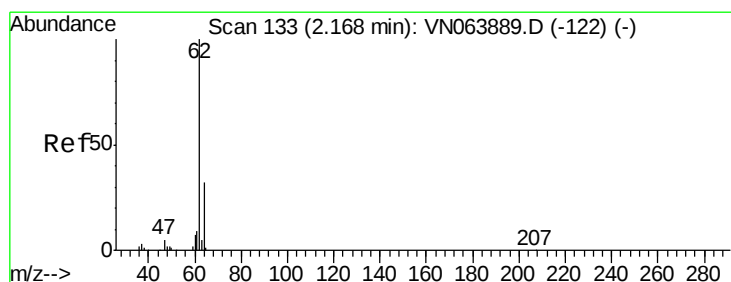
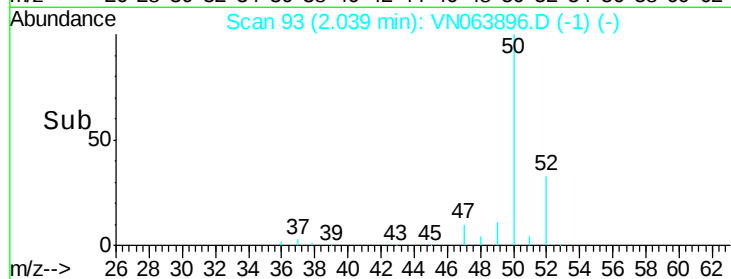
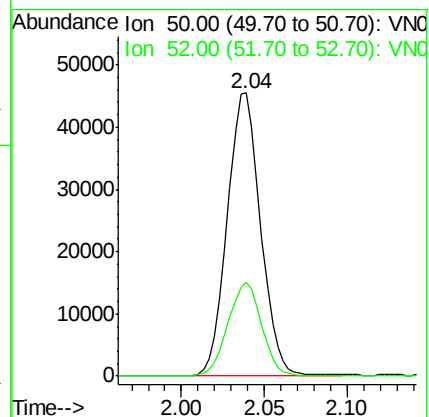
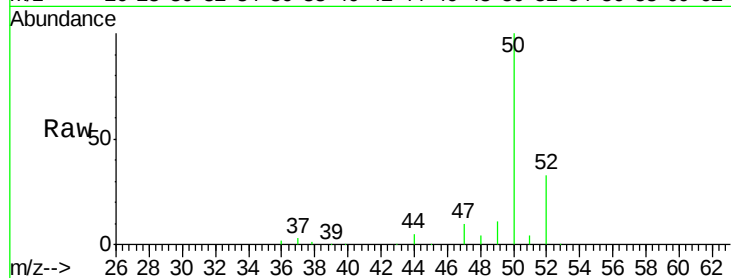
52 33.0 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 16.227 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.01 min

Lab File: VN063896.D

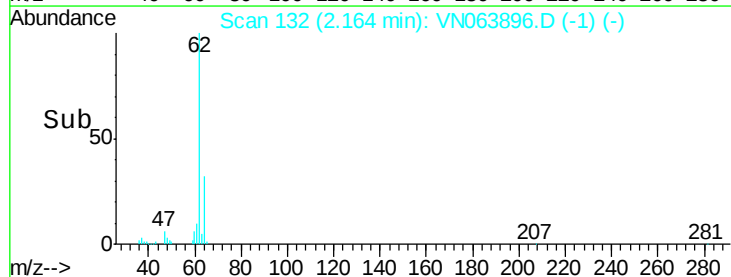
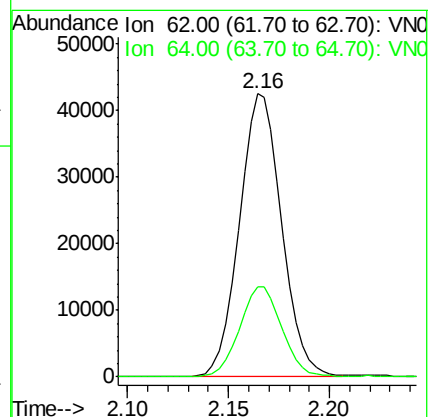
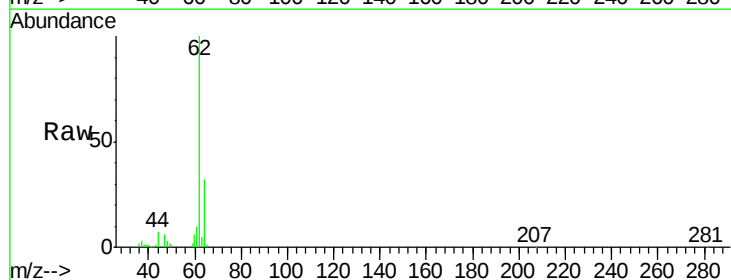
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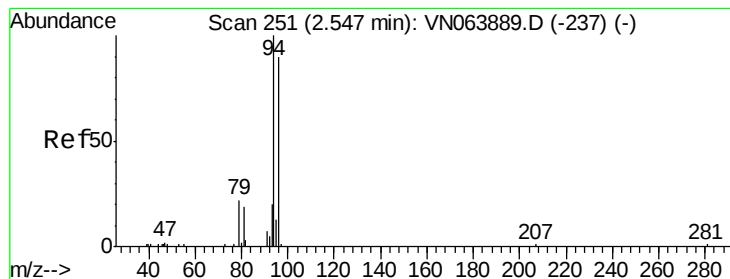
Tgt Ion: 62 Resp: 62523

Ion Ratio Lower Upper

62 100

64 32.0 25.0 37.4





#5

Bromomethane

Concen: 16.488 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS01

Tot Ion: 94 Resp: 40890

Ion Ratio Lower Upper

94 100

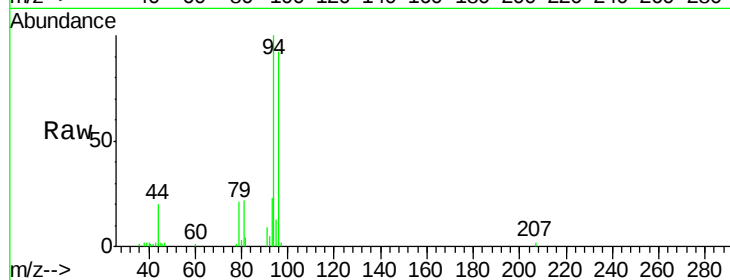
96 91.0 74.0 111.0

Manual Integrations

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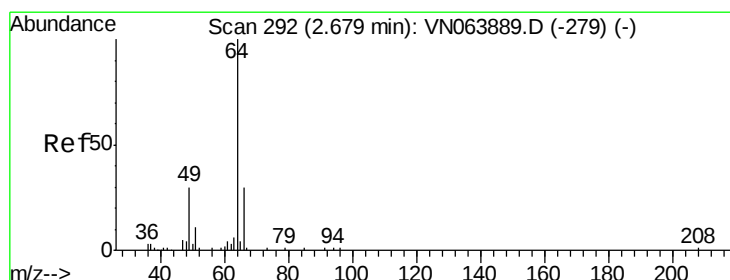
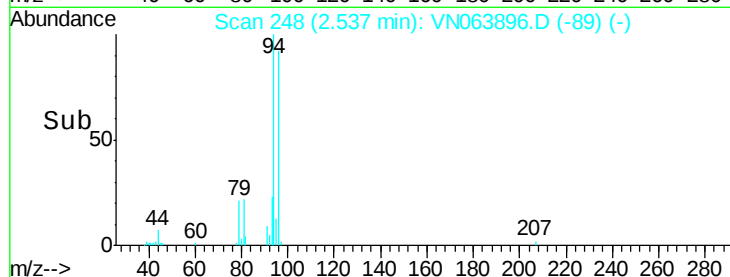
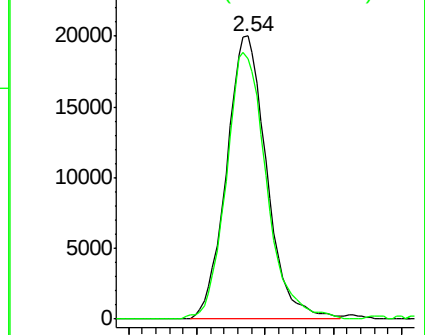
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Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 16.068 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN063896.D

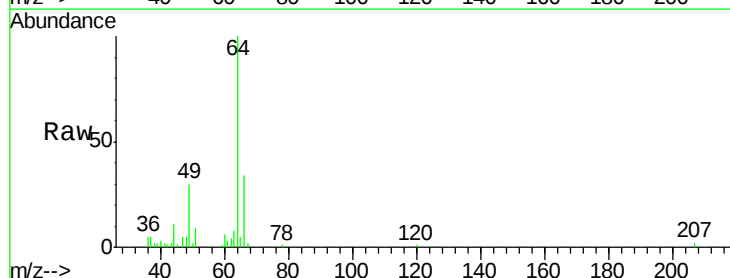
Acq: 6 Oct 2020 16:01

Tgt Ion: 64 Resp: 38839

Ion Ratio Lower Upper

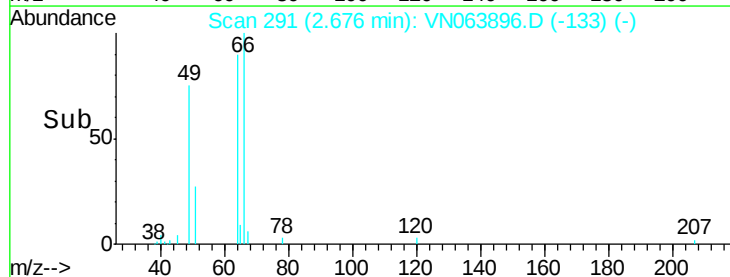
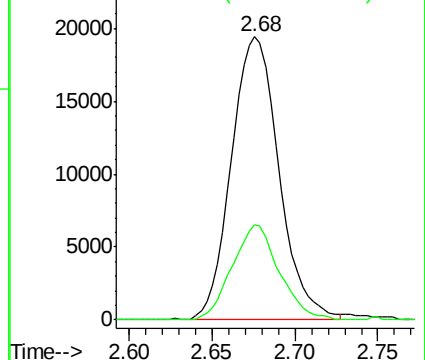
64 100

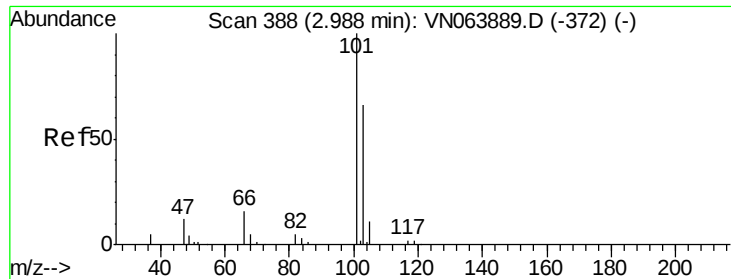
66 33.8 25.8 38.8



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0





#7

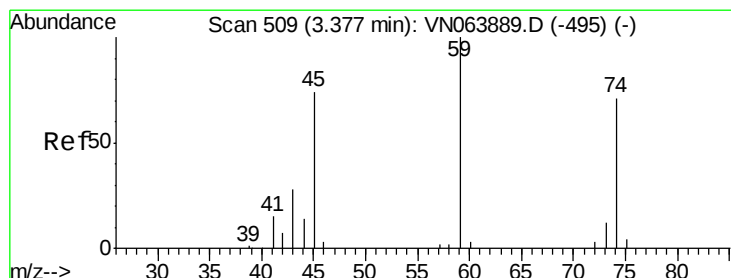
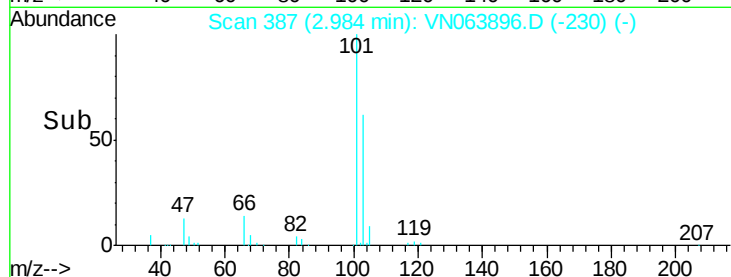
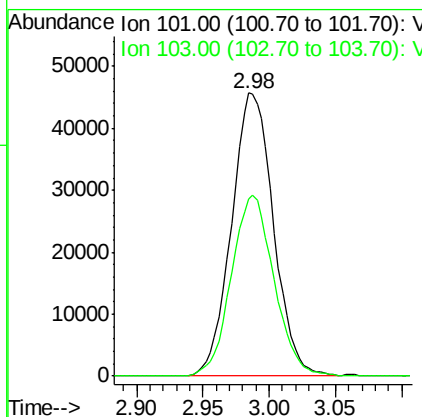
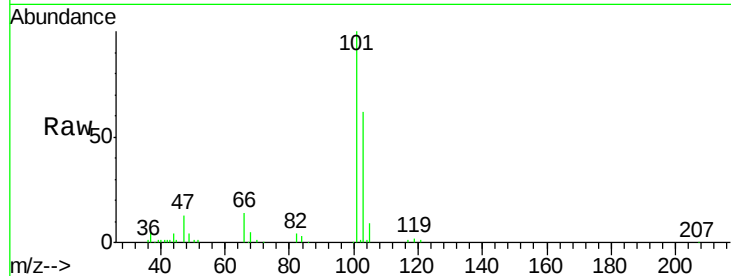
Trichlorofluoromethane
 Concen: 16.485 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.01 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

Instrument :
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 VN1006WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.4	51.9	77.9

Manual Integrations
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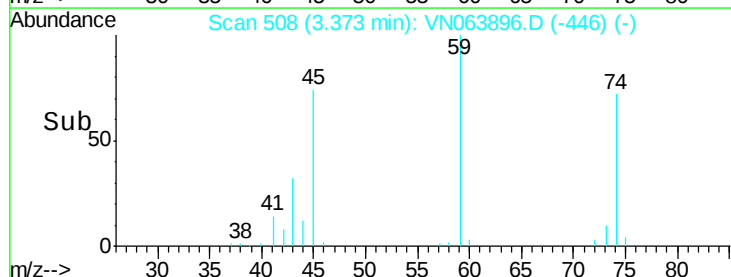
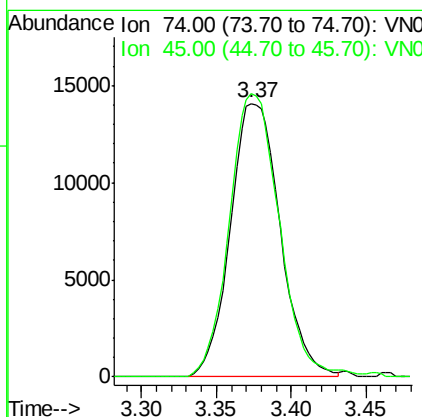
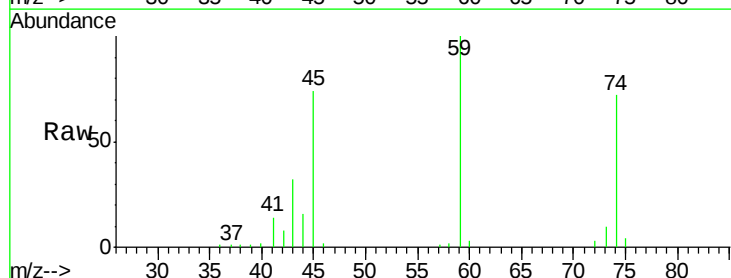
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 10/7/2020 12:11:41 PM

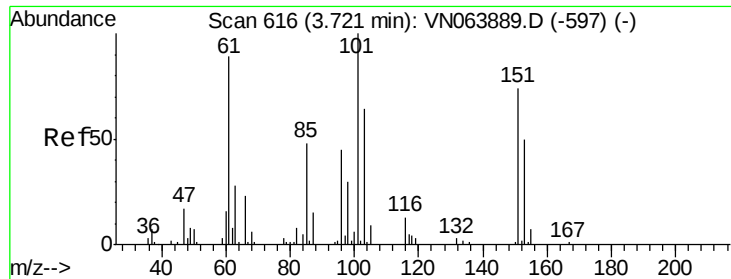


#8

Diethyl Ether
 Concen: 16.566 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.9	20.6	185.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.939 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

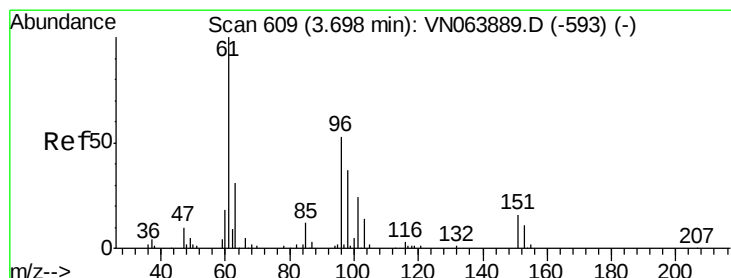
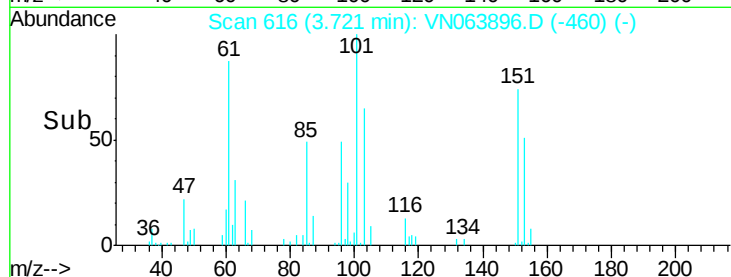
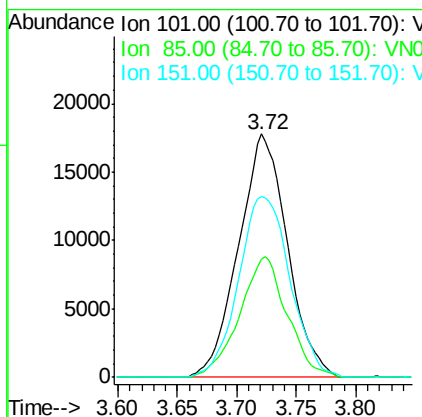
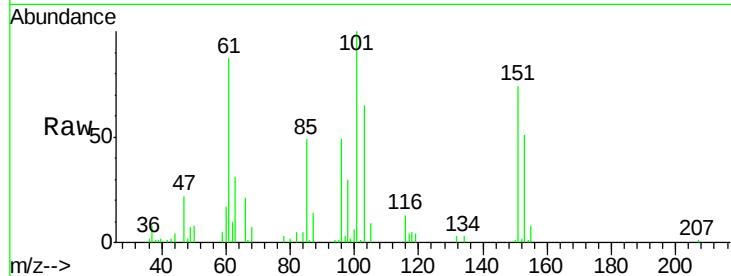
ClientSampled :

VN1006WBS01

Tot Ion:	101	Resp:	50377
Ion Ratio	Lower	Upper	
101	100		
85	48.3	0.0	85.0
151	78.6	0.0	161.6

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#10

1,1-Dichloroethene

Concen: 16.892 ug/l

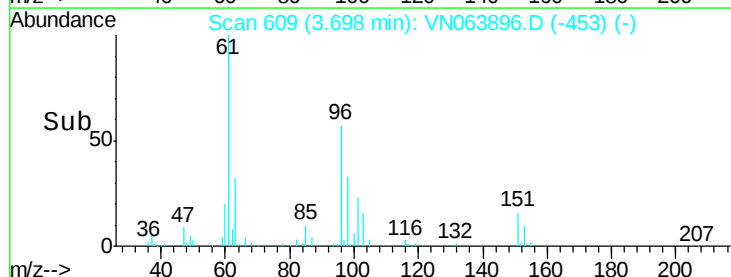
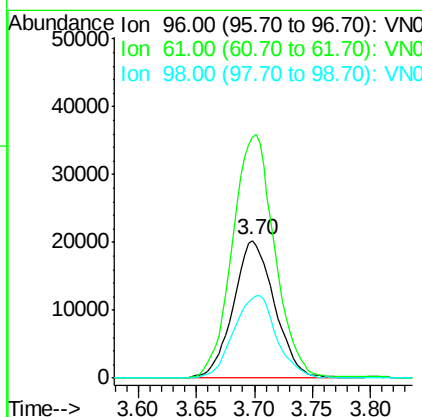
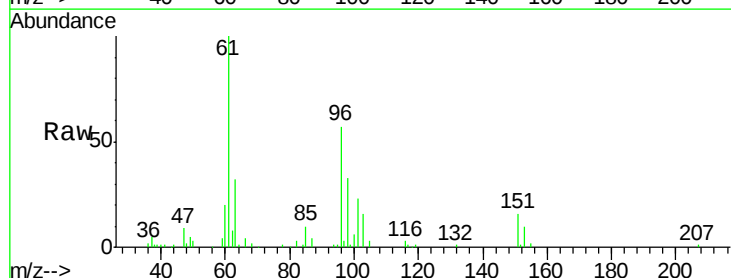
RT: 3.70 min Scan# 609

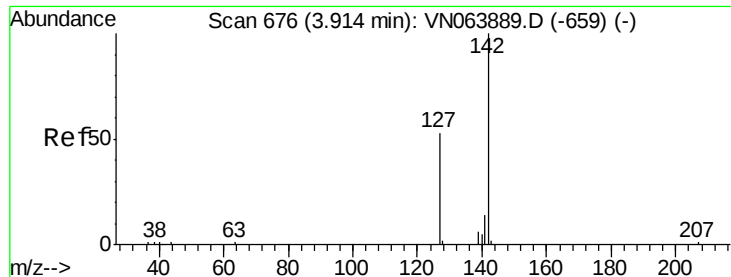
Delta R.T. 0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Tgt Ion:	96	Resp:	50126
Ion Ratio	Lower	Upper	
96	100		
61	175.5	130.8	196.2
98	57.9	49.0	73.4





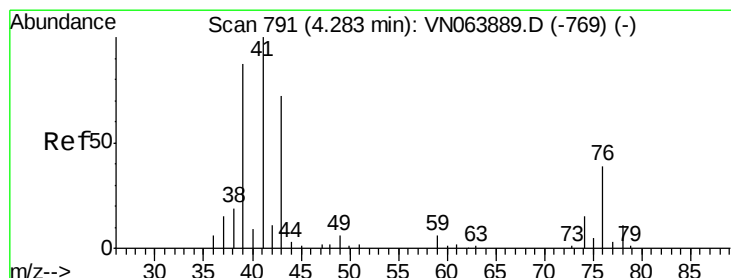
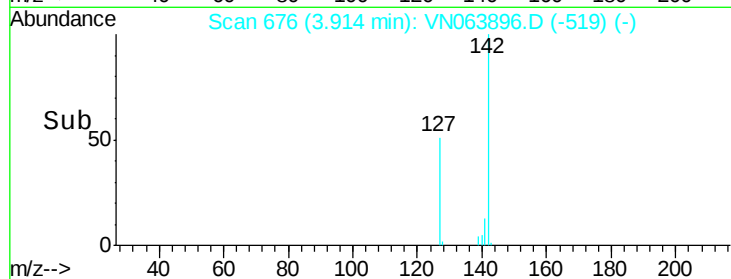
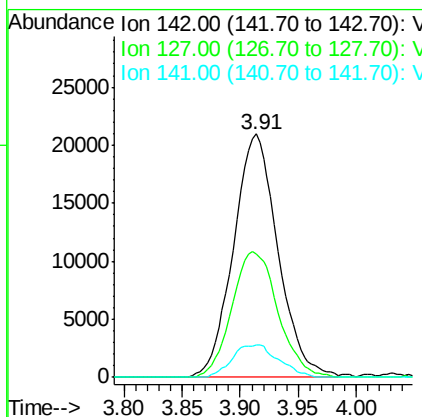
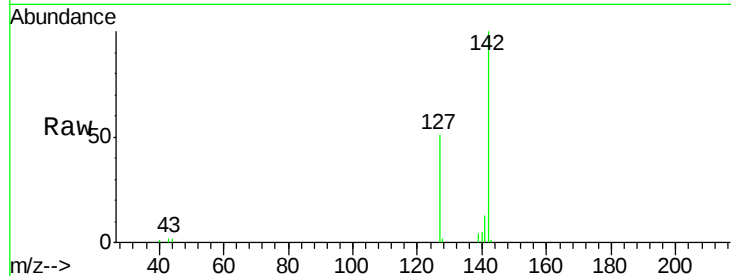
#11
Methvl Iodide
Concen: 14.763 ug/l
RT: 3.91 min Scan# 676
Delta R.T. 0.01 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	50.9	20.9	62.8
141	13.2	6.7	20.1

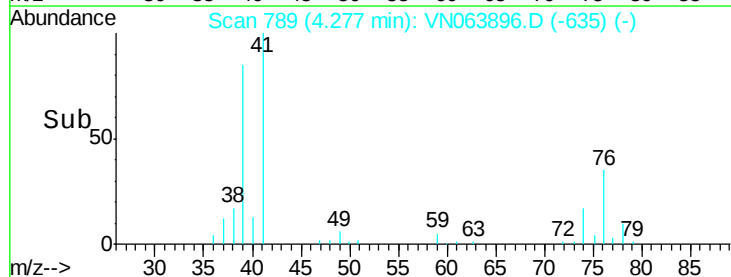
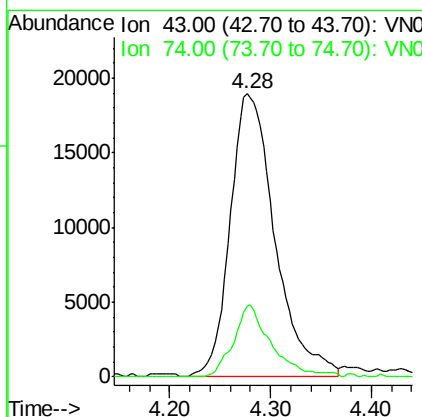
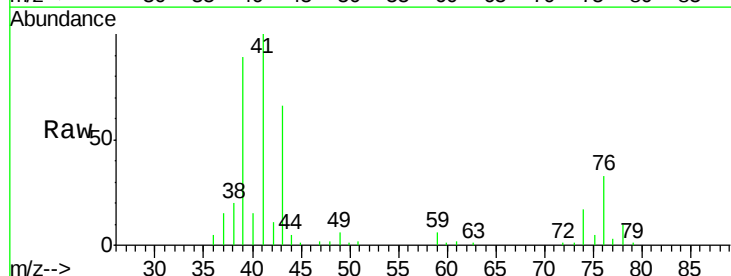
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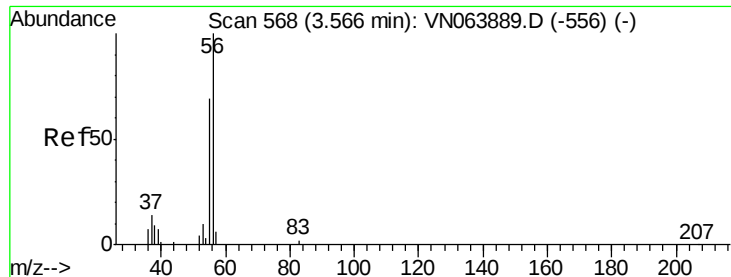
MMDadoda
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#12
Methyl Acetate
Concen: 16.057 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.1	18.6	27.8





#13

Acrolein

Concen: 106.276 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS01

Tot Ion: 56 Resp: 37778

Ion Ratio Lower Upper

56 100

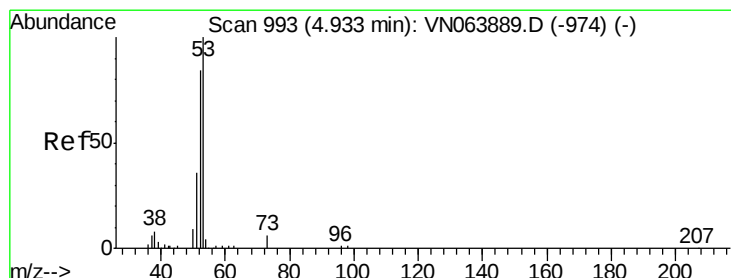
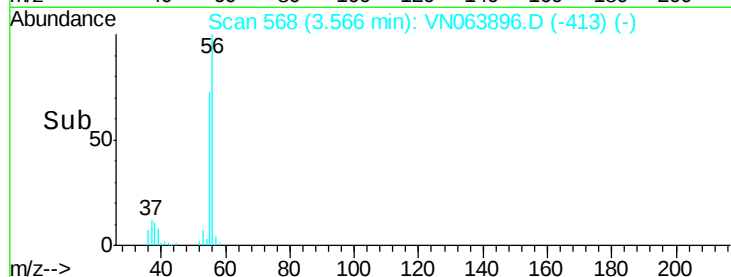
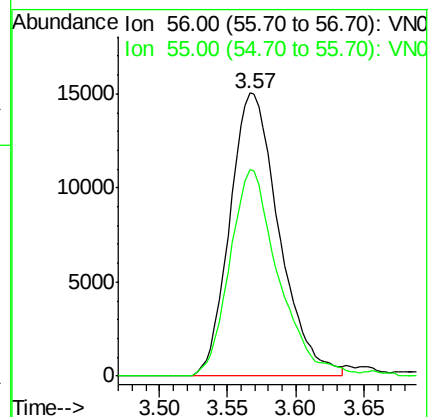
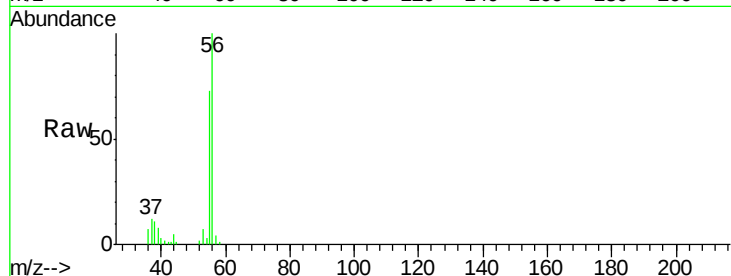
55 72.1 58.7 88.1

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#14

Acrylonitrile

Concen: 72.811 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

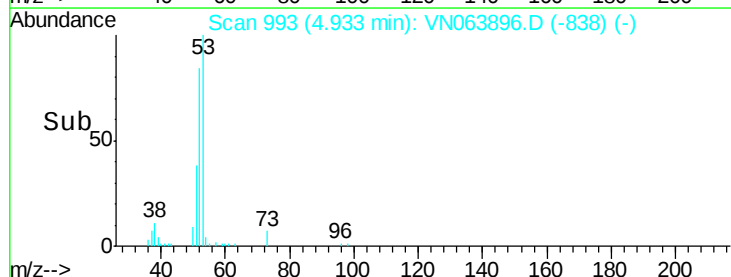
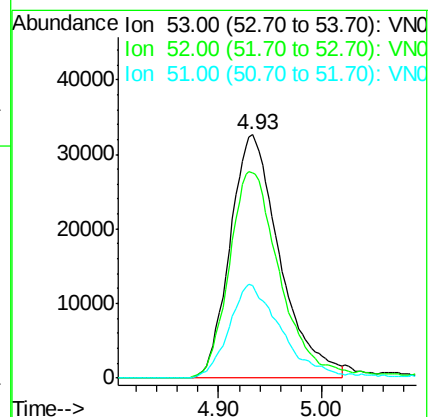
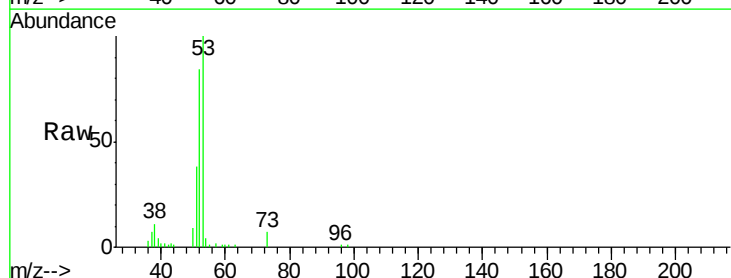
Tgt Ion: 53 Resp: 109328

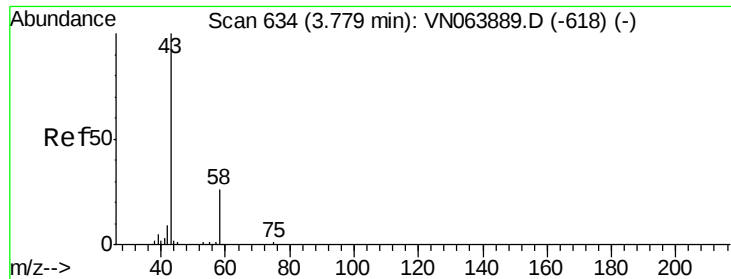
Ion Ratio Lower Upper

53 100

52 84.0 39.9 119.7

51 40.2 17.0 51.0





#15

Acetone

Concen: 75.397 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

ClientSampled :

VN1006WBS01

Tot Ion: 58 Resp: 32771

Ion Ratio Lower Upper

58 100

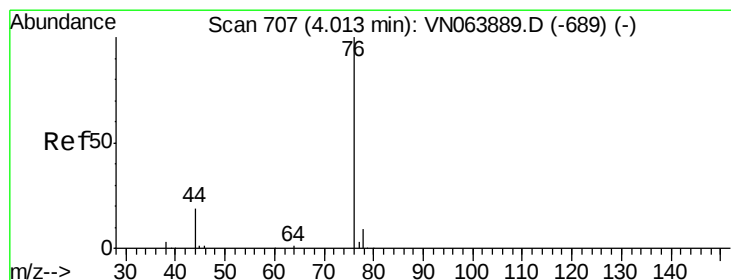
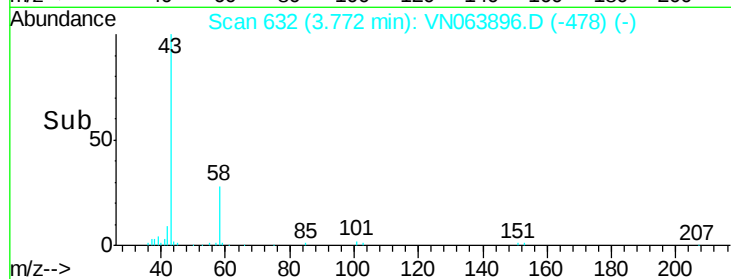
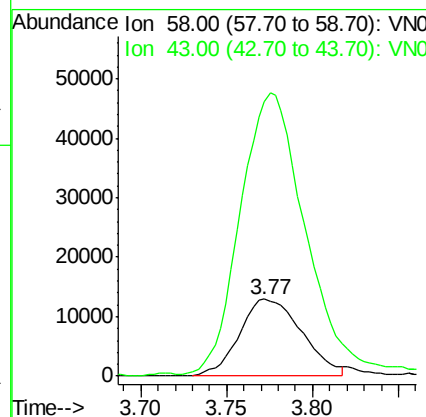
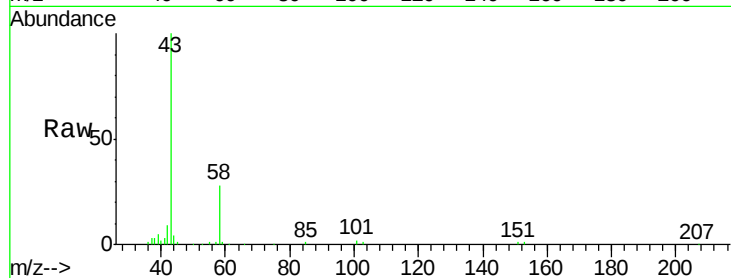
43 352.4 233.2 349.8#

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#16

Carbon Disulfide

Concen: 15.776 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.01 min

Lab File: VN063896.D

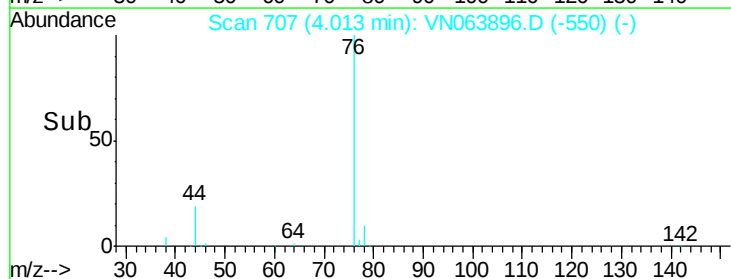
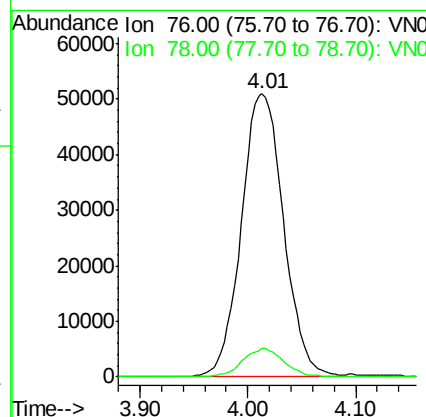
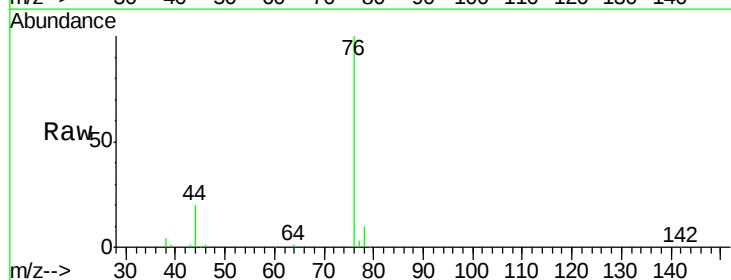
Acq: 6 Oct 2020 16:01

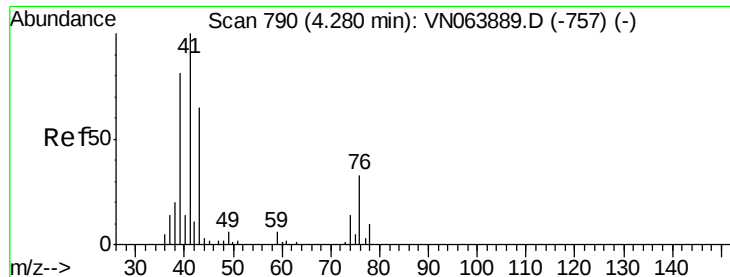
Tgt Ion: 76 Resp: 138827

Ion Ratio Lower Upper

76 100

78 10.2 7.0 10.4





#17

Allvl chloride

Concen: 15.515 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

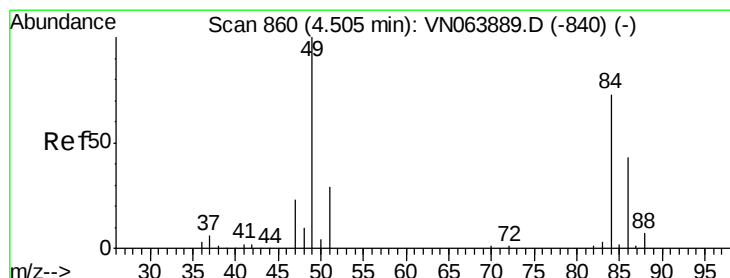
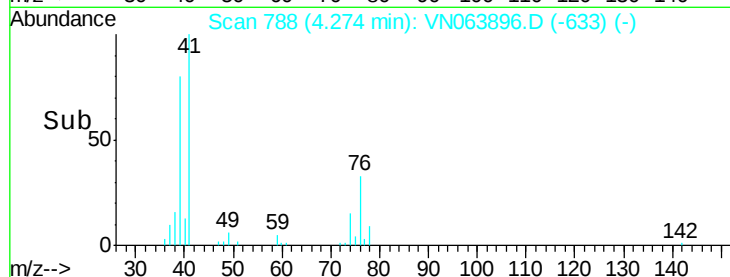
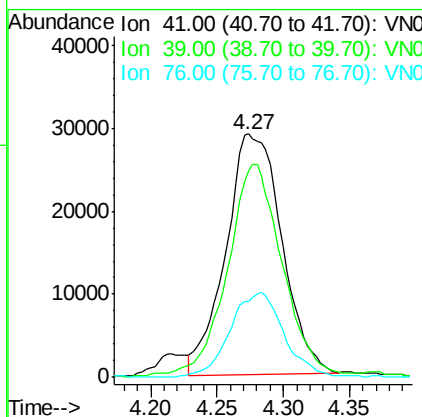
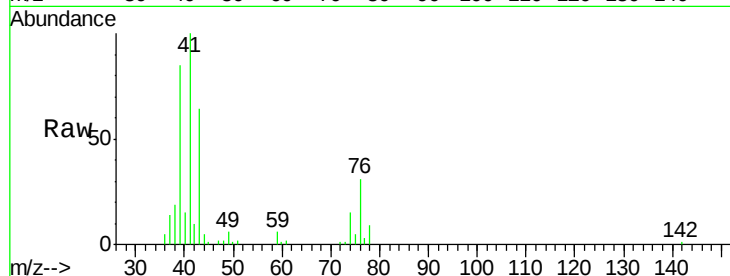
ClientSampleId :

VN1006WBS01

Tot Ion:	41	Resp:	85692
Ion	Ratio	Lower	Upper
41	100		
39	84.3	33.8	101.4
76	31.4	19.4	58.4

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#18

Methylene Chloride

Concen: 16.700 ug/l

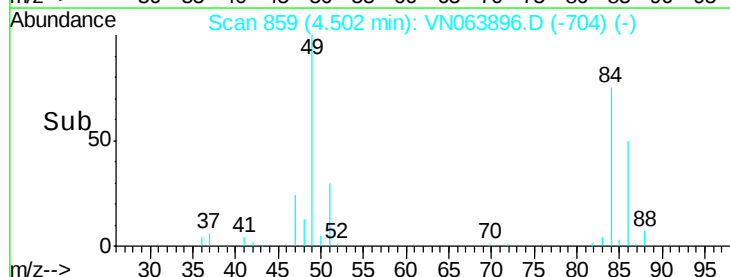
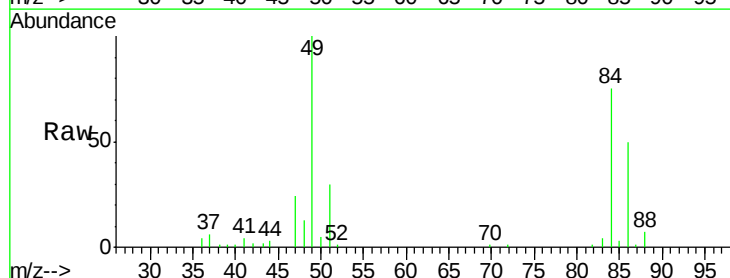
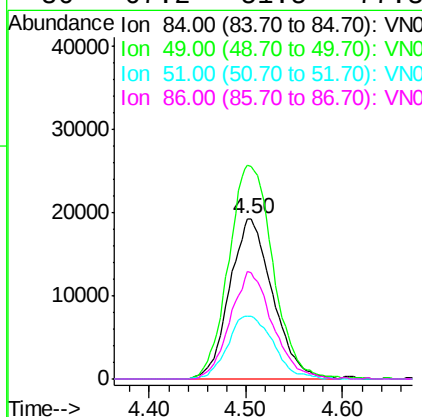
RT: 4.50 min Scan# 859

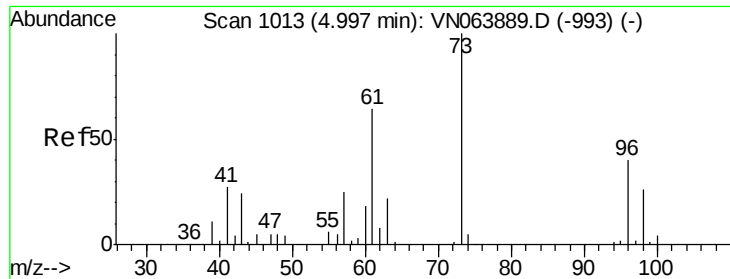
Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Tgt Ion:	84	Resp:	59399
Ion	Ratio	Lower	Upper
84	100		
49	133.3	97.8	146.8
51	39.4	30.7	46.1
86	67.2	51.5	77.3





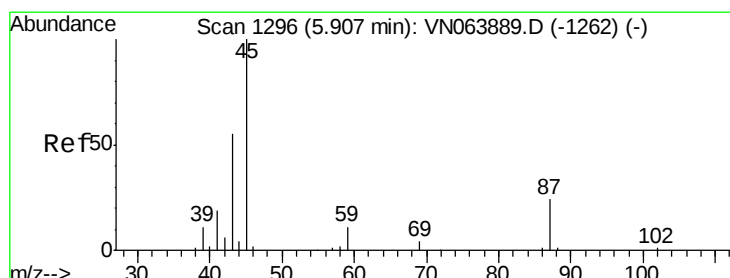
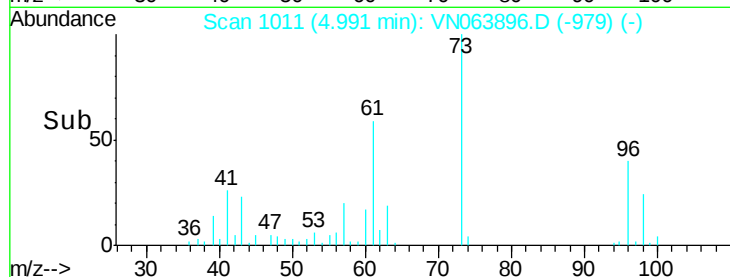
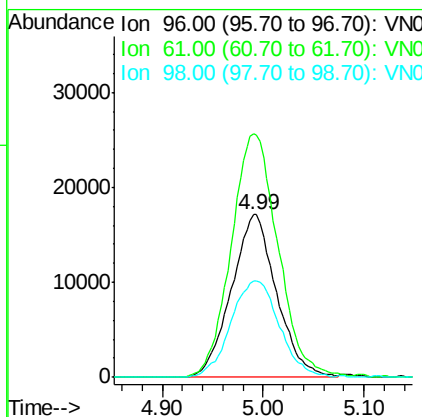
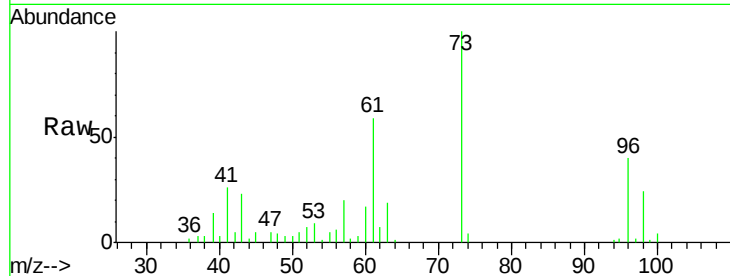
#19
trans-1,2-Dichloroethene
Concen: 15.928 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.6	115.9	173.9
98	59.4	53.3	79.9

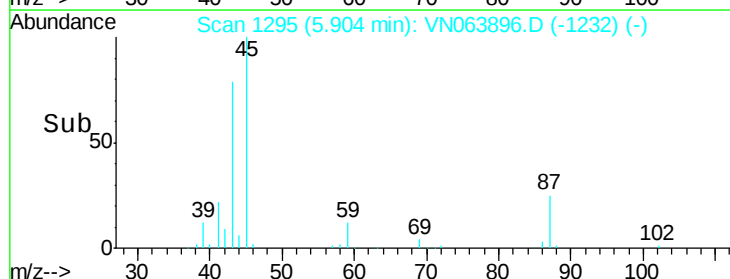
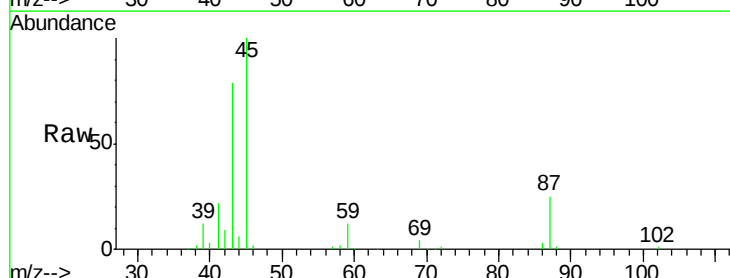
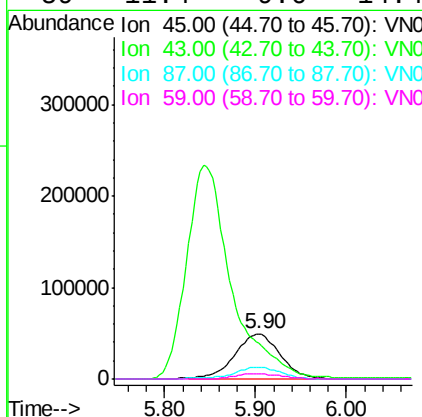
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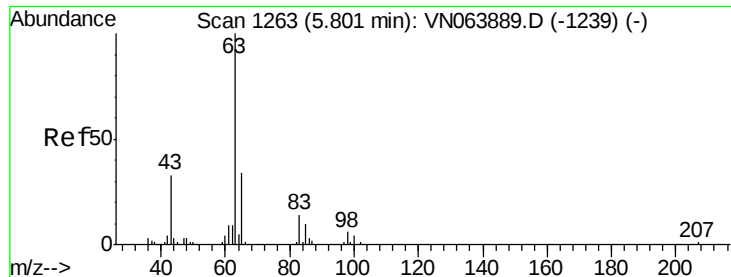
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#20
Diisopropyl ether
Concen: 15.215 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Tgt Ion	Ratio	Lower	Upper
45	100		
43	76.2	51.8	77.6
87	25.5	21.8	32.6
59	11.4	9.6	14.4





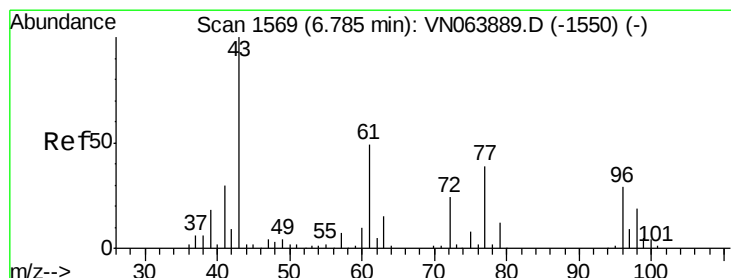
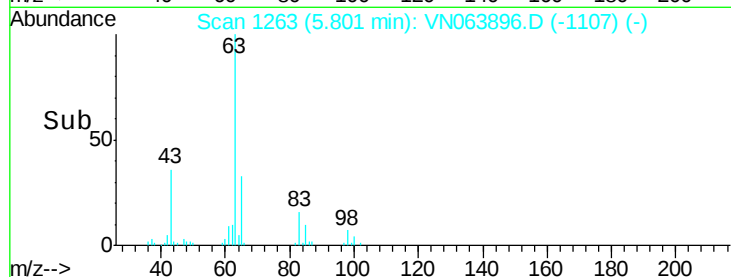
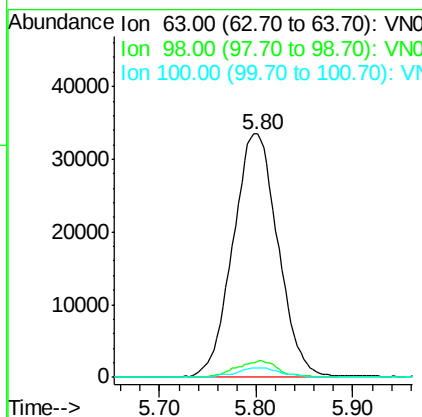
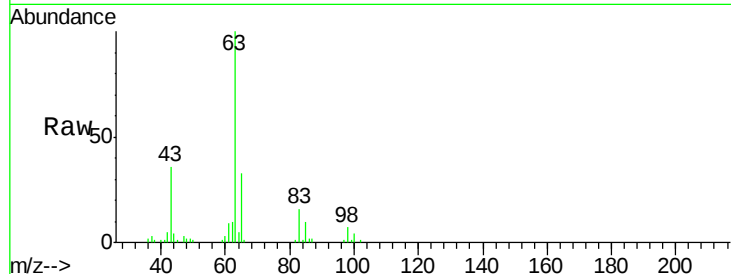
#21
 1,1-Dichloroethane
 Concen: 16.151 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS01

Tot Ion	Ratio	Resp Lower	Upper
63	100		
98	6.7	3.1	9.3
100	3.8	1.8	5.3

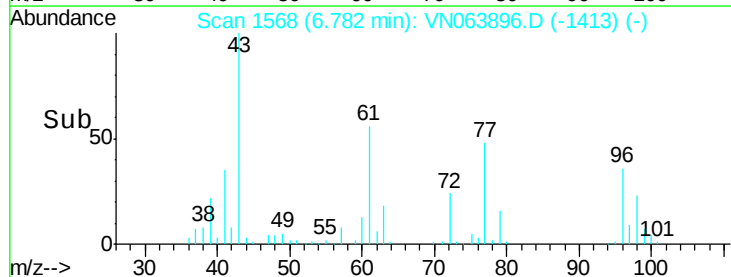
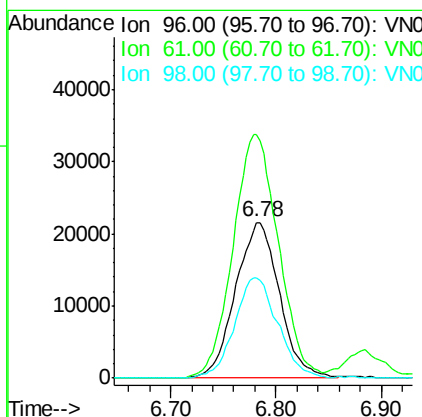
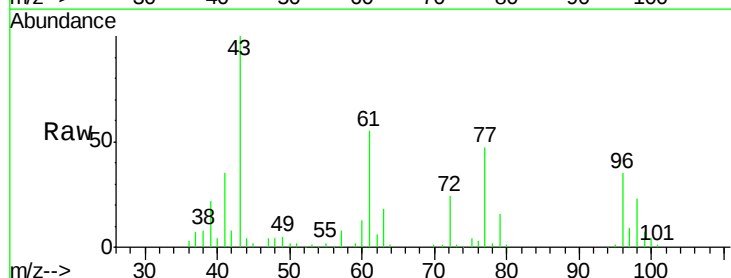
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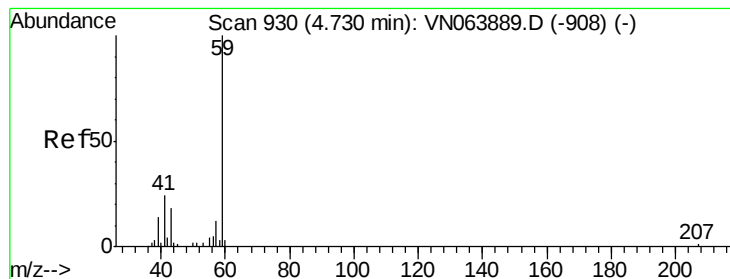
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#22
 cis-1,2-Dichloroethene
 Concen: 16.422 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	161.4	120.9	181.3
98	63.4	50.3	75.5





#23

tert-Butyl Alcohol

Concen: 71.443 ug/l

RT: 4.73 min Scan# 930

Delta R.T. -0.01 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS01

Tot Ion: 59 Resp: 46015

Ion Ratio Lower Upper

59 100

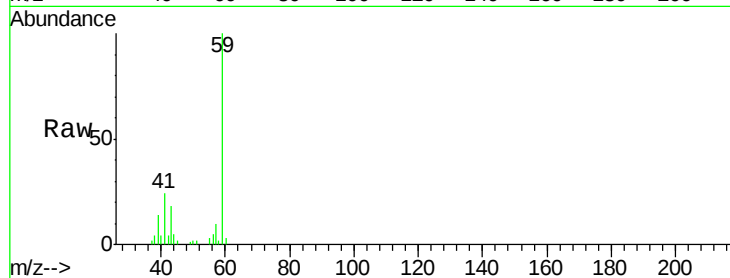
52 0.0 0.0 0.0

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Abundance Ion 59.00 (58.70 to 59.70): VN063889.D (-908) (-)

Ion 52.00 (51.70 to 52.70): VN063889.D (-908) (-)

4.73

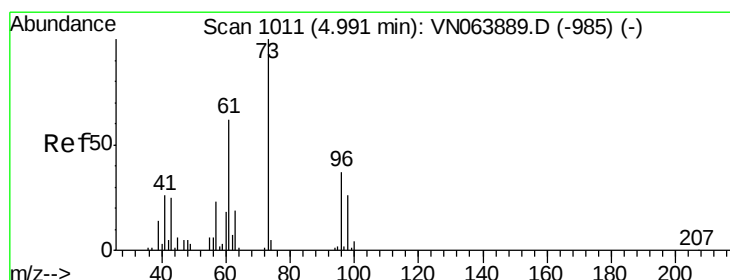
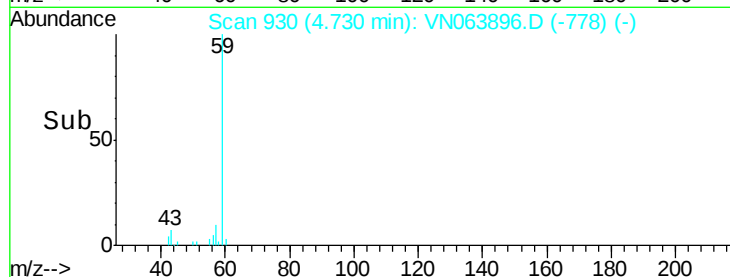
15000

10000

5000

0

Time-->



#24

Methyl tert-Butyl Ether

Concen: 15.715 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VN063896.D

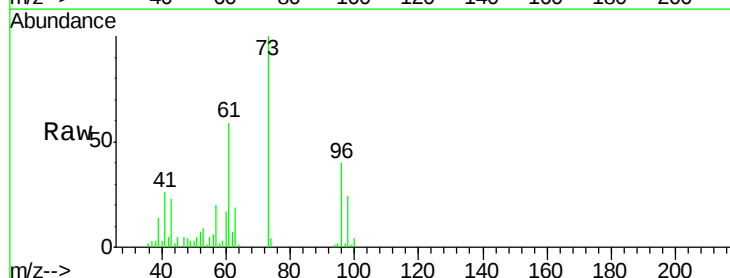
Acq: 6 Oct 2020 16:01

Tgt Ion: 73 Resp: 156447

Ion Ratio Lower Upper

73 100

43 23.4 15.8 23.6



Abundance Ion 73.00 (72.70 to 73.70): VN063889.D (-985) (-)

Ion 43.00 (42.70 to 43.70): VN063889.D (-985) (-)

4.99

50000

40000

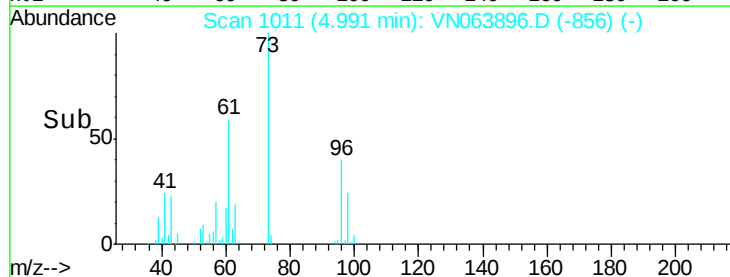
30000

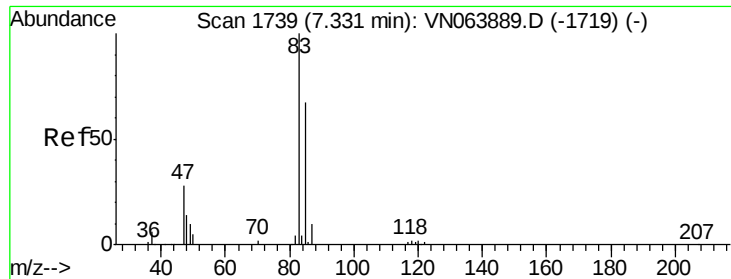
20000

10000

0

Time-->





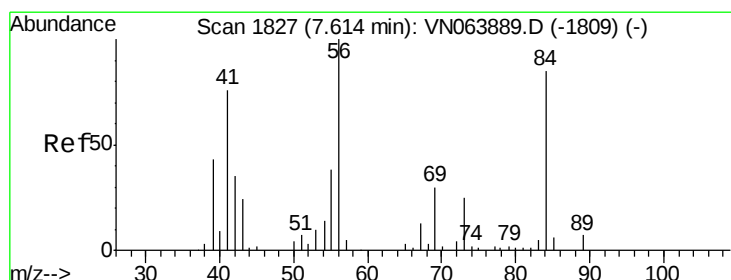
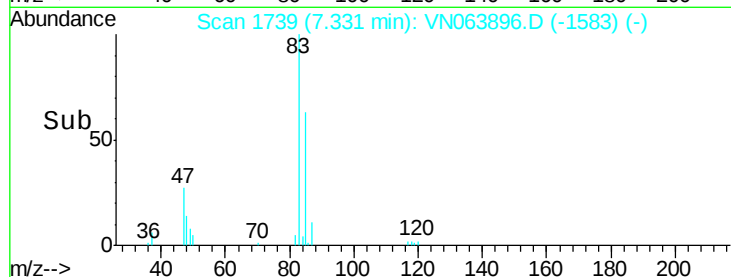
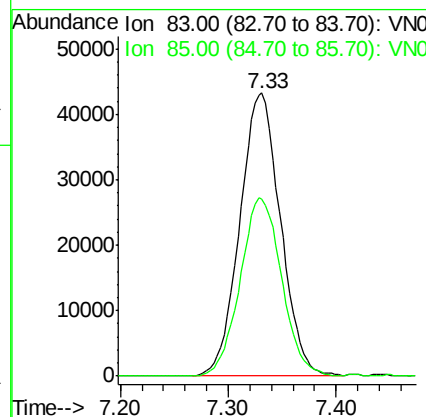
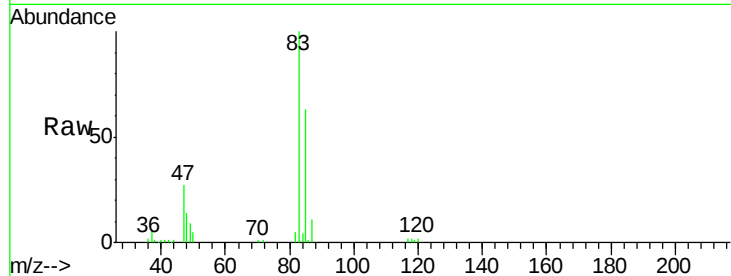
#25
Chloroform
Concen: 16.108 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS01

Tot Ion: 83 Resp: 113518
Ion Ratio Lower Upper
83 100
85 62.8 51.0 76.4

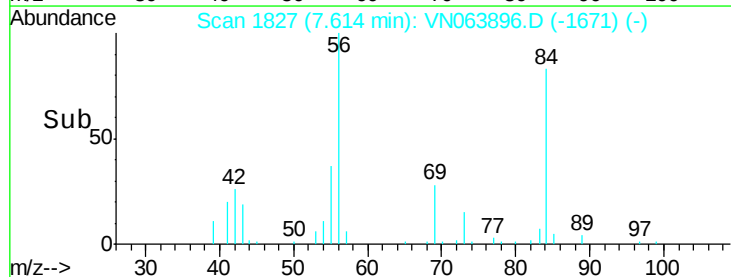
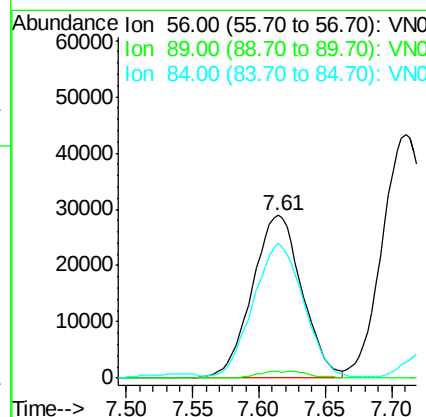
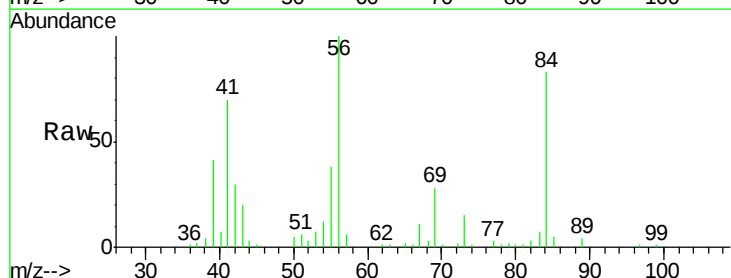
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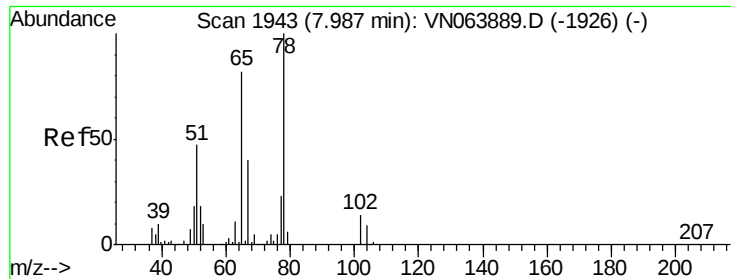
MMDadoda
10/7/2020 12:11:41 PM



#26
Cyclohexane
Concen: 15.673 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Tgt Ion: 56 Resp: 75880
Ion Ratio Lower Upper
56 100
89 2.1 0.0 0.0#
84 84.5 65.0 97.4





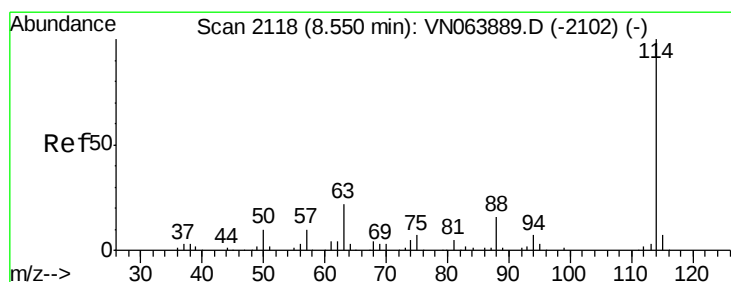
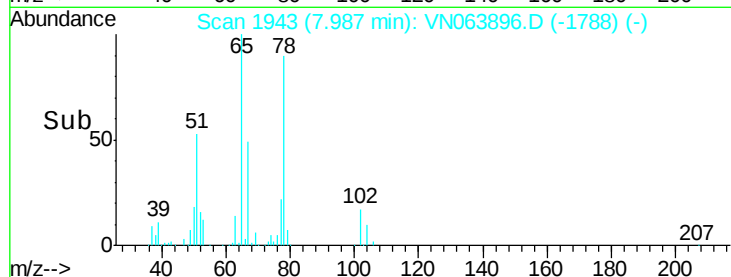
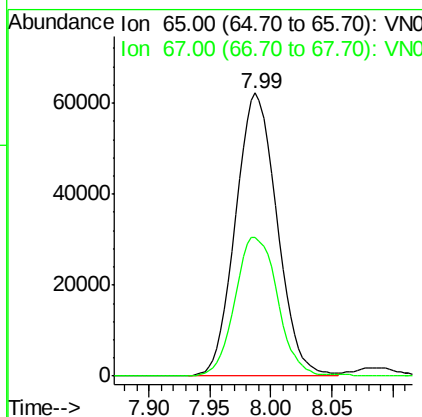
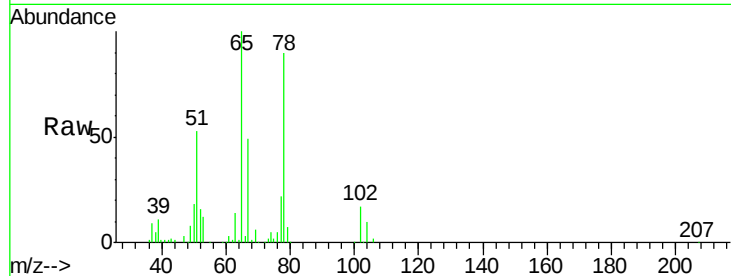
#27
 1,2-Dichloroethane-d4
 Concen: 29.588 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

Instrument :
 MSVOA_N
 ClientSampled :
 VN1006WBS01

Tot Ion: 65 Resp: 146945
 Ion Ratio Lower Upper
 65 100
 67 50.3 43.8 65.6

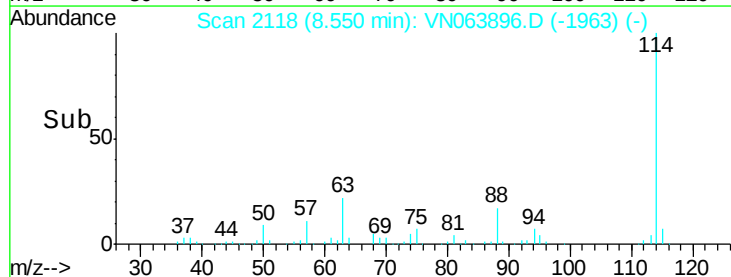
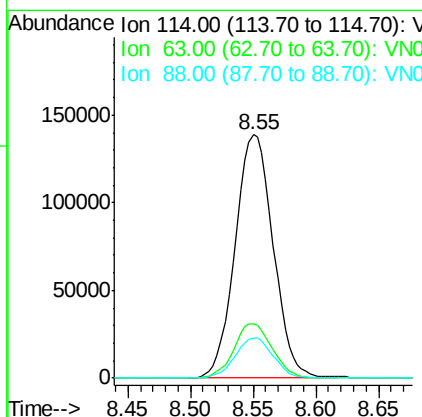
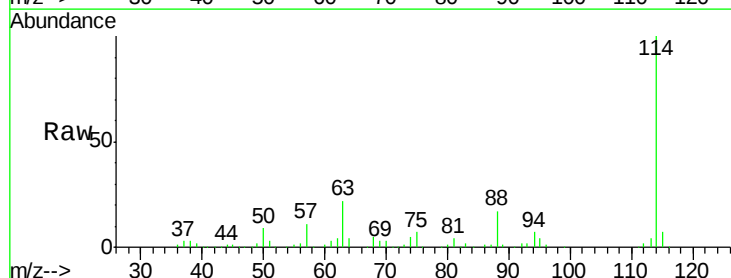
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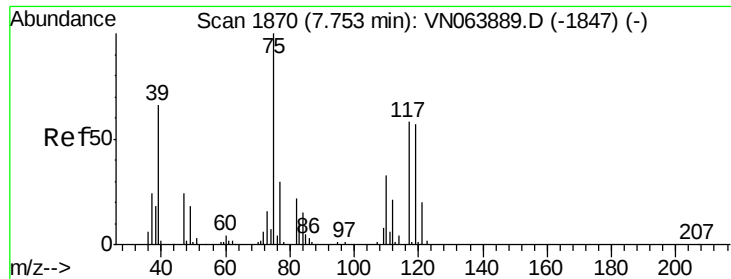
MMDadoda
 10/7/2020 12:11:41 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

Tgt Ion: 114 Resp: 292792
 Ion Ratio Lower Upper
 114 100
 63 22.6 17.0 25.6
 88 16.6 12.6 18.8





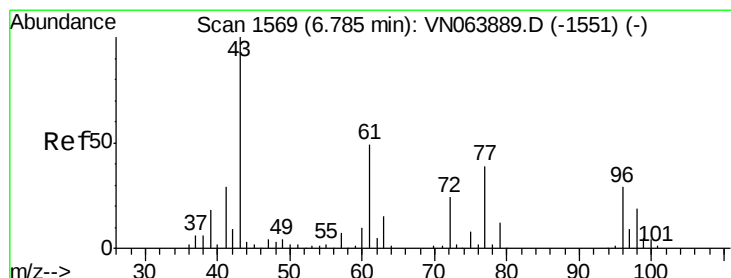
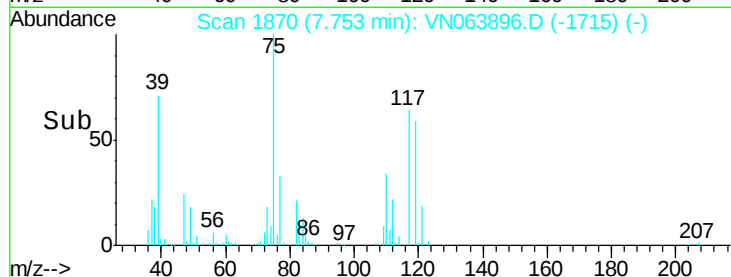
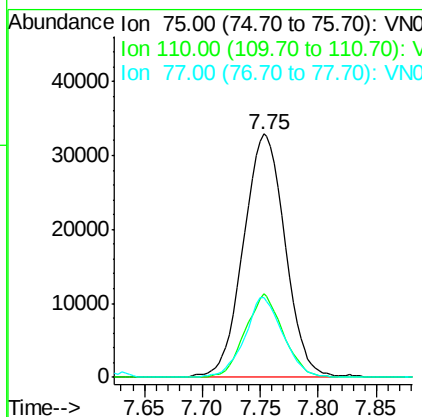
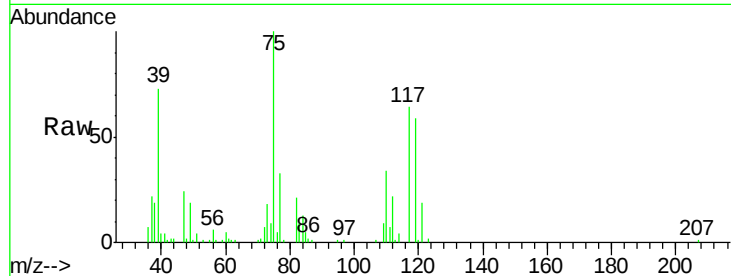
#29
 1,1-Dichloropropene
 Concen: 16.047 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
110	31.3	0.0	70.6
77	30.2	0.0	60.2

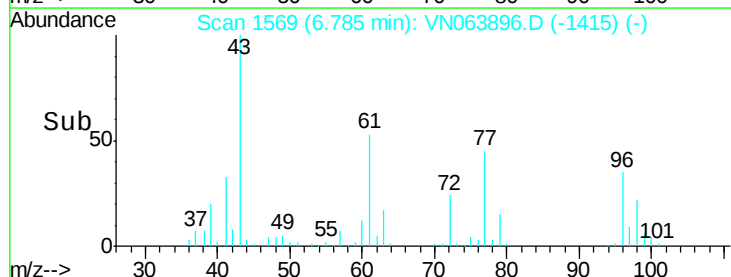
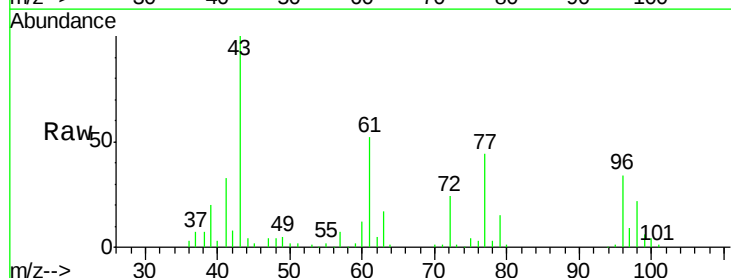
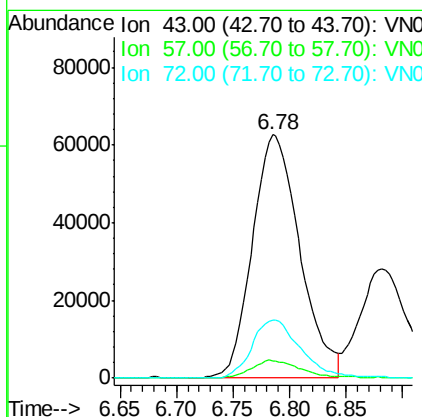
Manual Integrations
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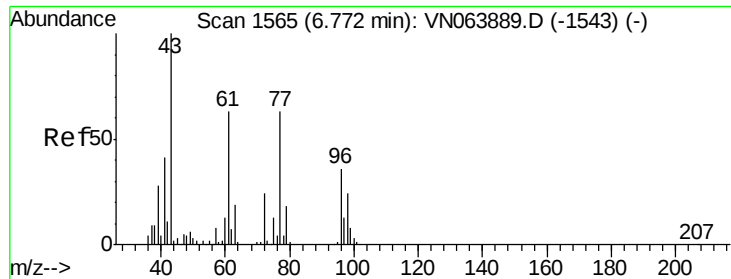
MMDadoda
 10/7/2020 12:11:41 PM



#30
 2-Butanone
 Concen: 72.012 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.5	6.6	9.8
72	24.7	21.3	31.9





#31

2,2-Dichloropropane

Concen: 16.288 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS01

Tot Ion: 77 Resp: 99807

Ion Ratio Lower Upper

77 100

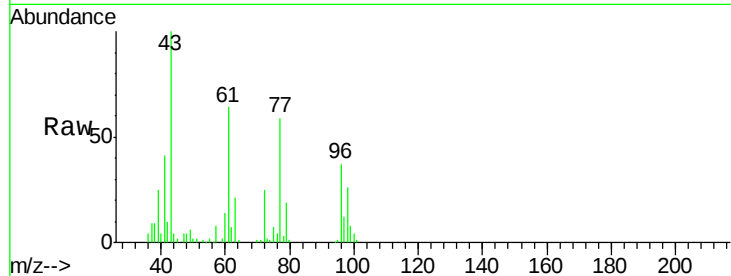
97 20.2 18.2 27.4

Manual Integrations

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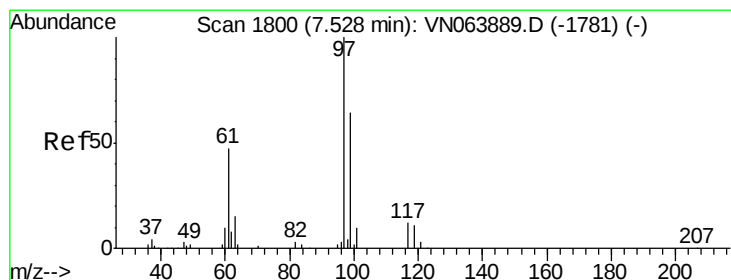
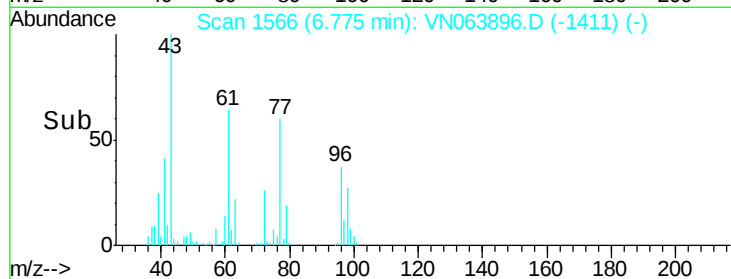
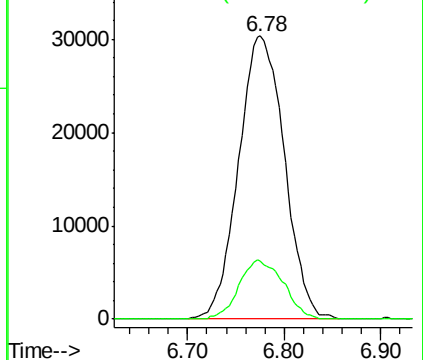
MMDadoda

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Abundance Ion 77.00 (76.70 to 77.70): VN0

Ion 97.00 (96.70 to 97.70): VN0



#32

1,1,1-Trichloroethane

Concen: 16.191 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

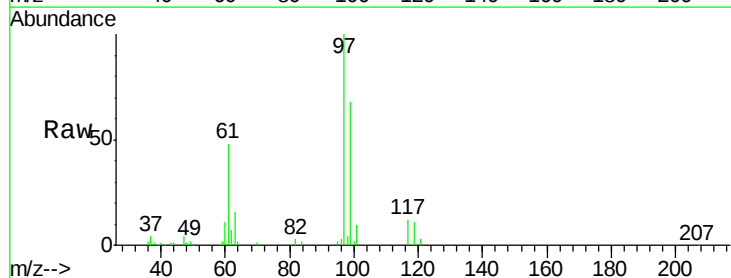
Tgt Ion: 97 Resp: 105907

Ion Ratio Lower Upper

97 100

99 62.8 51.7 77.5

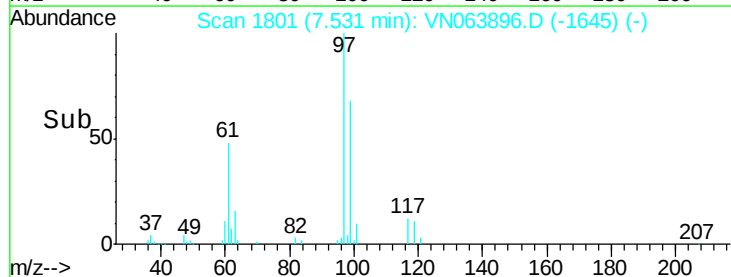
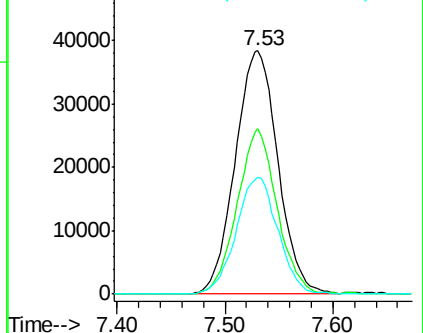
61 46.7 35.3 52.9

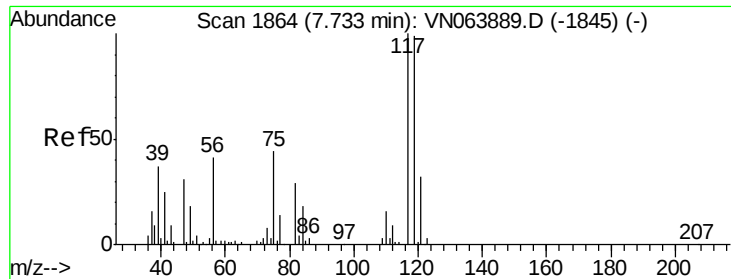


Abundance Ion 97.00 (96.70 to 97.70): VN0

Ion 99.00 (98.70 to 99.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





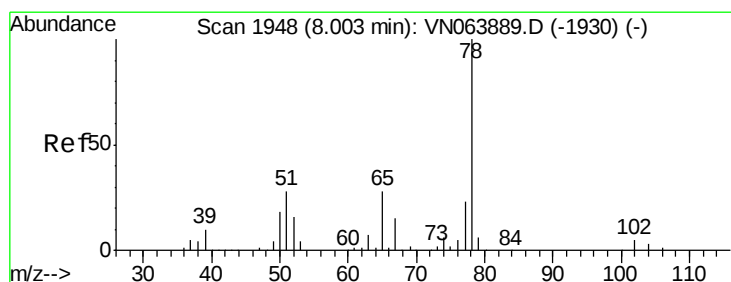
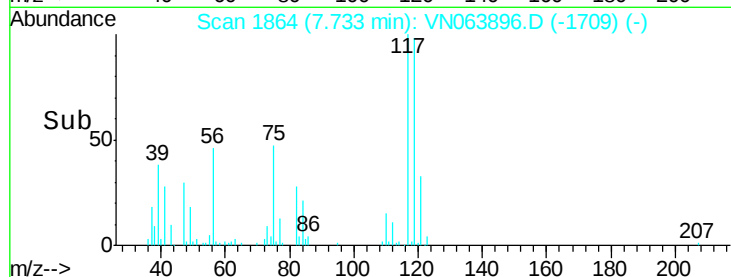
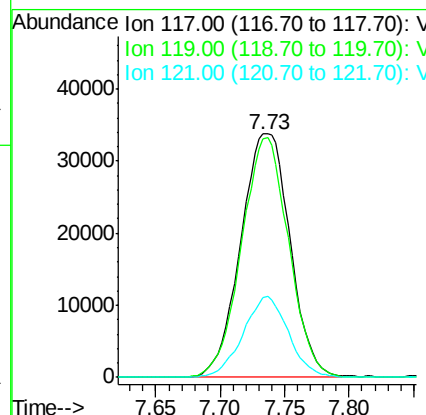
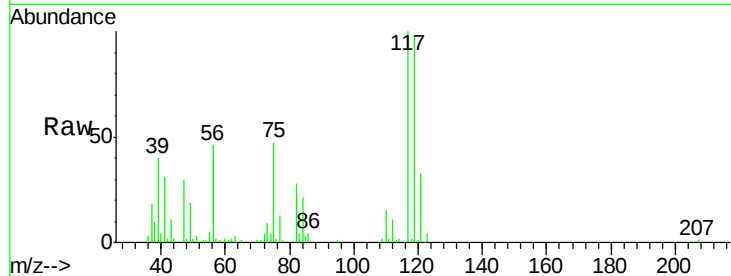
#33
Carbon Tetrachloride
Concen: 15.704 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
119	97.8	73.0	109.4
121	32.5	24.9	37.3

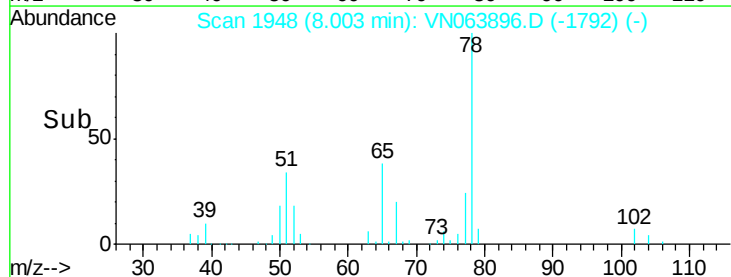
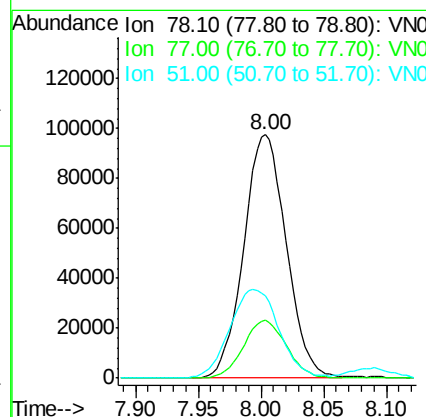
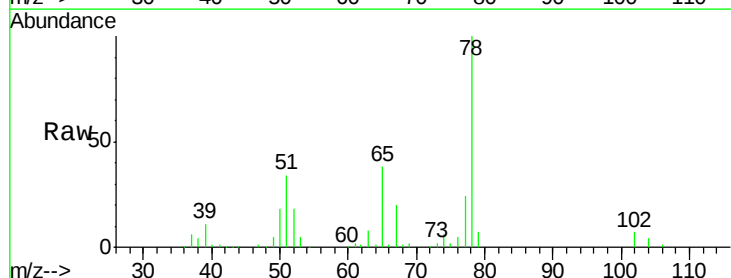
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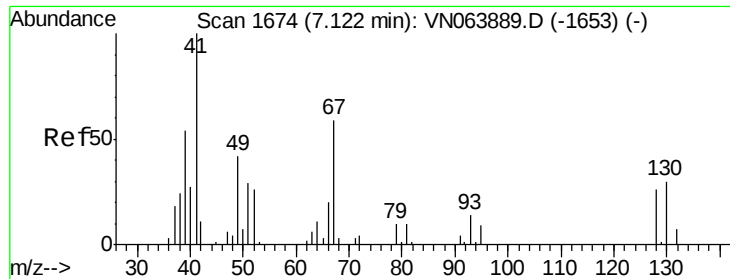
MMDadoda
10/7/2020 12:11:41 PM



#34
Benzene
Concen: 15.747 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.6	27.8
51	33.1	22.2	33.2





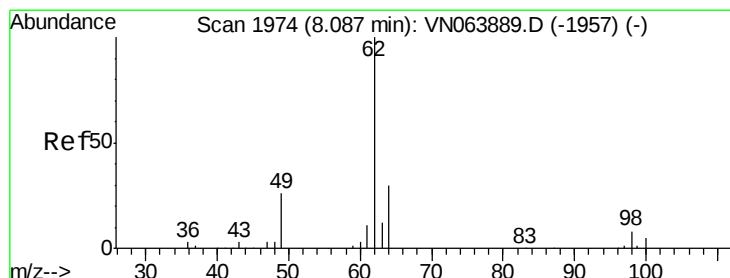
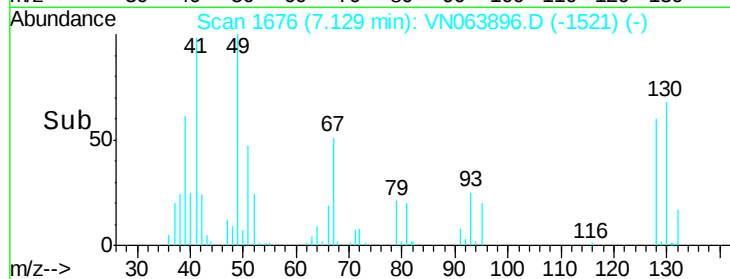
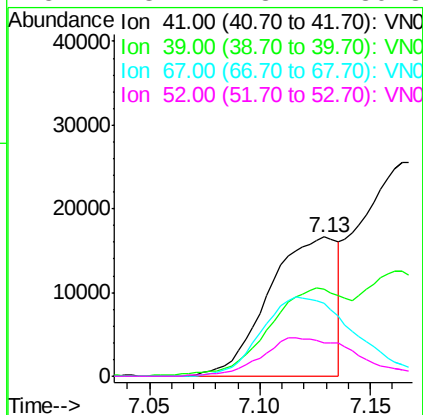
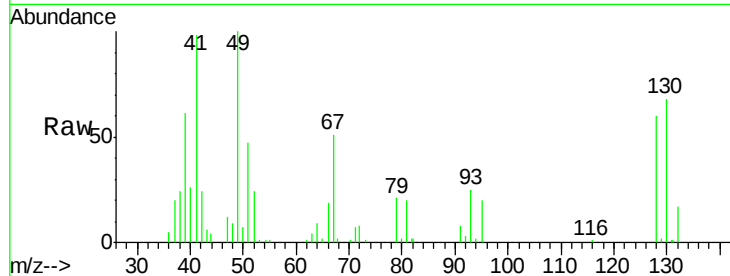
#35
Methacrylonitrile
Concen: 15.060 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	60.3	23.7	71.1
67	52.3	31.6	94.7
52	23.4	13.1	39.3

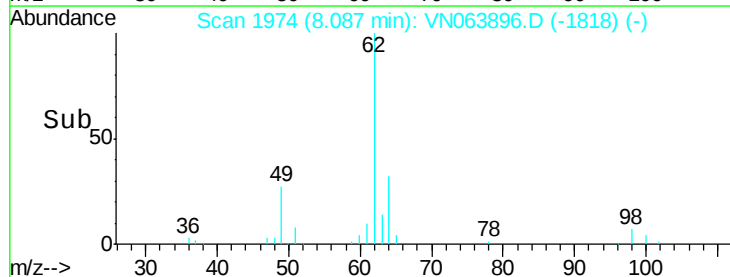
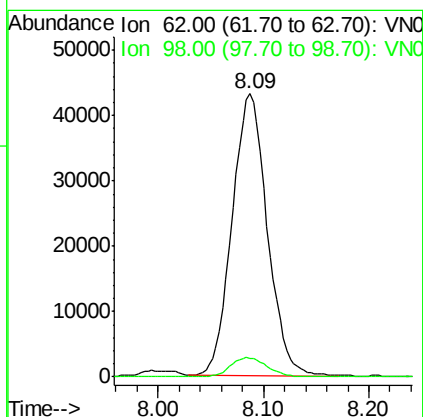
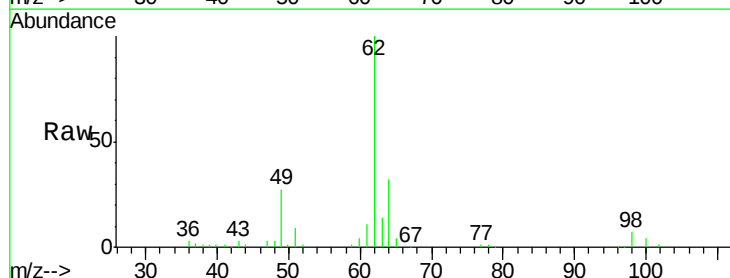
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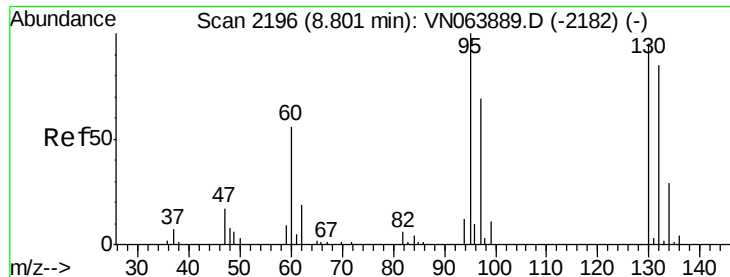
MMDadoda
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#36
1,2-Dichloroethane
Concen: 15.677 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.0	7.6	11.4#





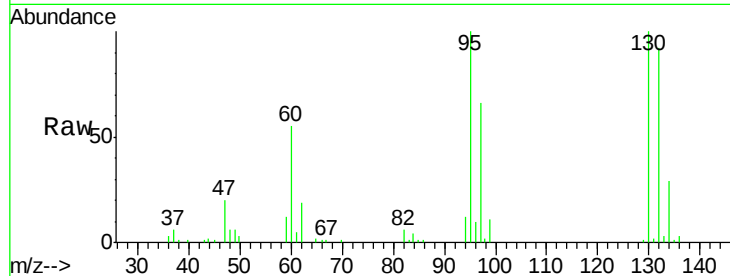
#37
 Trichloroethene
 Concen: 15.728 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS01

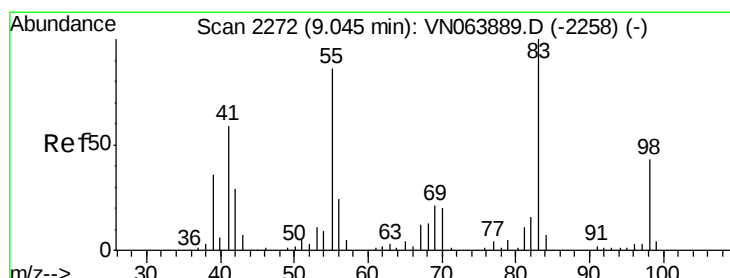
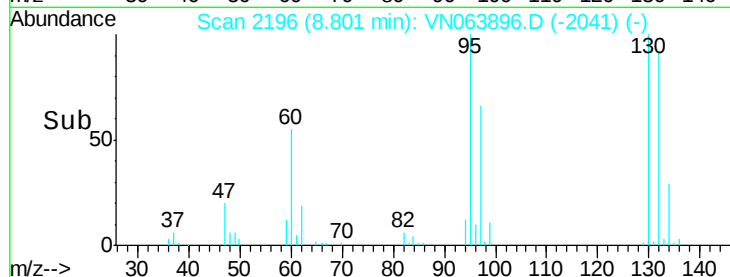
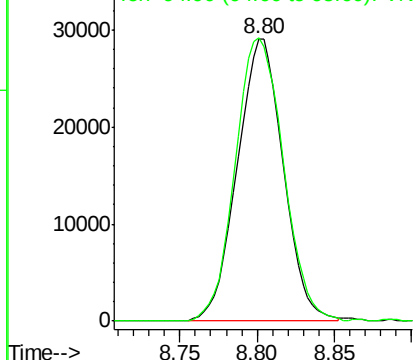
Tot Ion:130 Resp: 60075
 Ion Ratio Lower Upper
 130 100
 95 100.3 78.9 118.3

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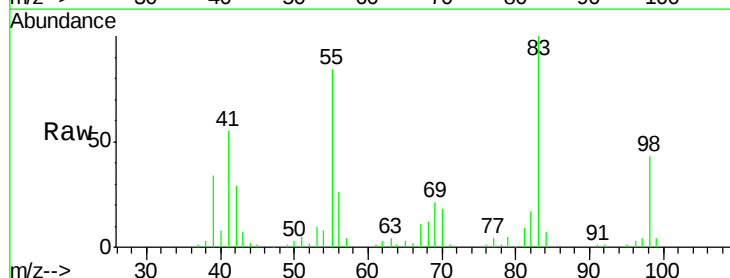


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

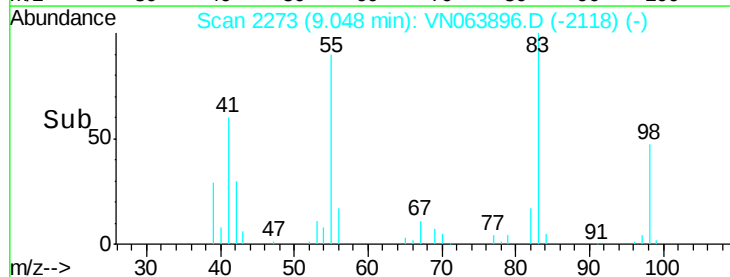
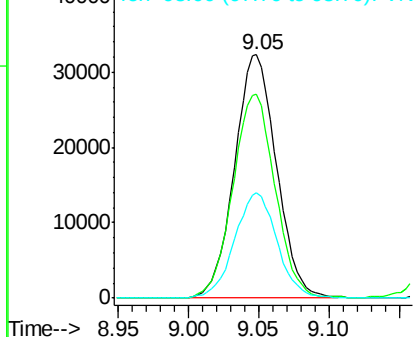


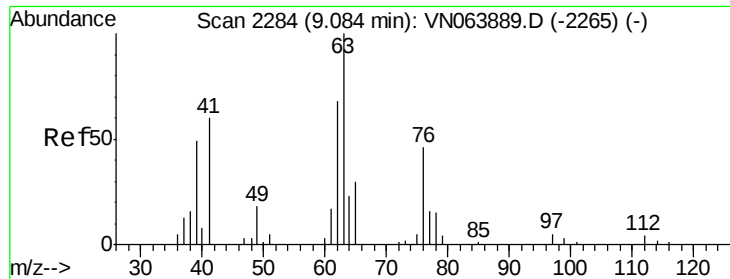
#38
 Methylcyclohexane
 Concen: 15.553 ug/l
 RT: 9.05 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

Tgt Ion: 83 Resp: 67333
 Ion Ratio Lower Upper
 83 100
 55 84.1 41.9 125.7
 98 43.7 22.2 66.6



Abundance Ion 83.00 (82.70 to 83.70): VN
 Ion 55.00 (54.70 to 55.70): VN
 Ion 98.00 (97.70 to 98.70): VN





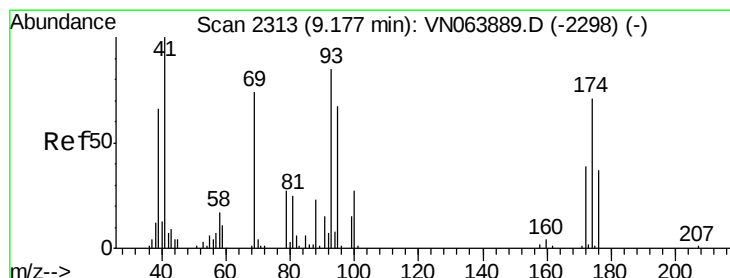
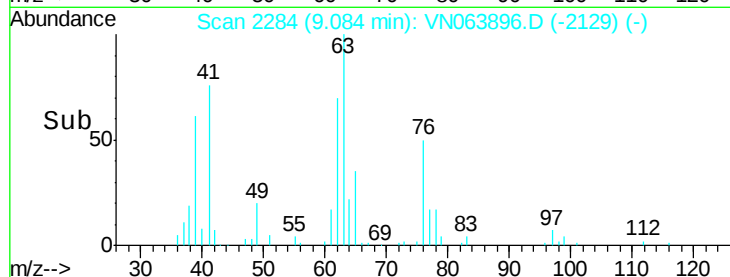
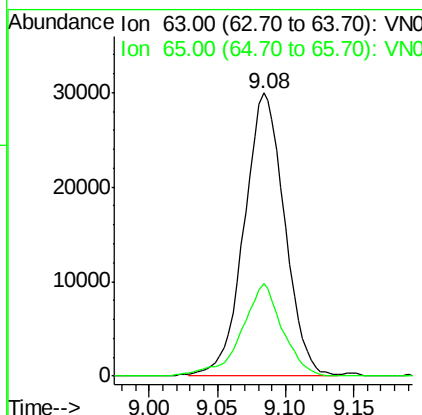
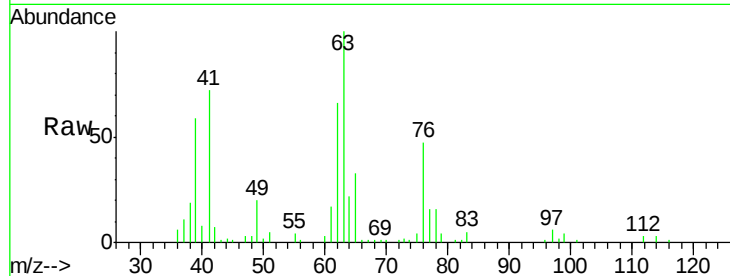
#39
 1,2-Dichloropropane
 Concen: 15.582 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

Instrument :
 MSVOA_N
 ClientSampled :
 VN1006WBS01

Tot Ion: 63 Resp: 61721
 Ion Ratio Lower Upper
 63 100
 65 32.8 25.1 37.7

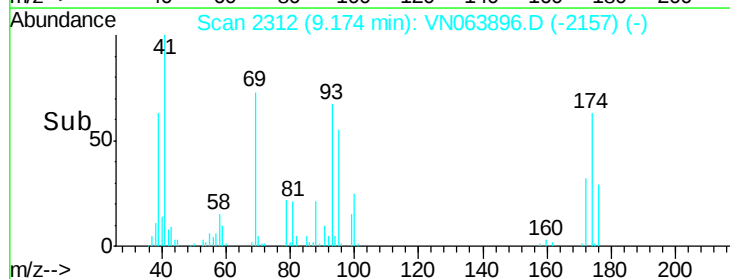
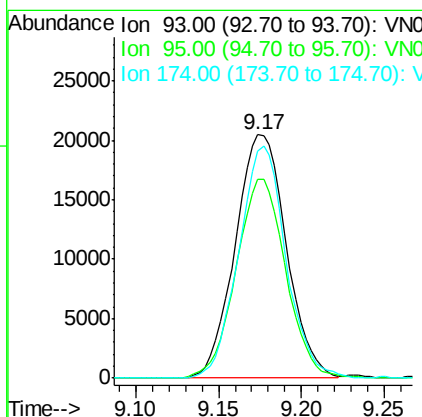
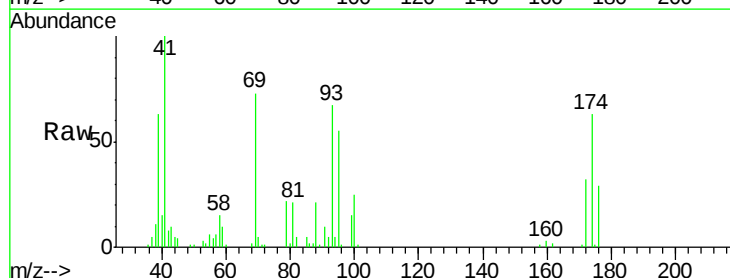
Manual Integrations
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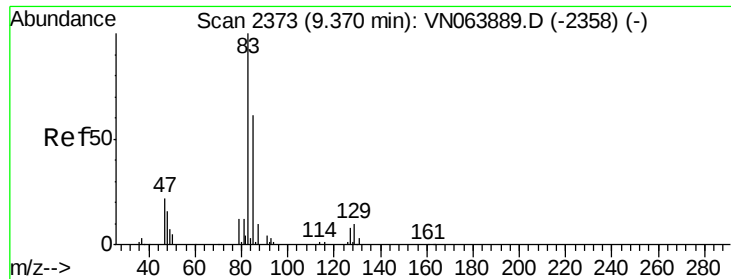
MMDadoda
 10/7/2020 12:11:41 PM



#40
 Dibromomethane
 Concen: 15.883 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

Tgt Ion: 93 Resp: 43939
 Ion Ratio Lower Upper
 93 100
 95 79.2 0.0 168.2
 174 88.0 0.0 208.4





#41

Bromodichloromethane

Concen: 15.396 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

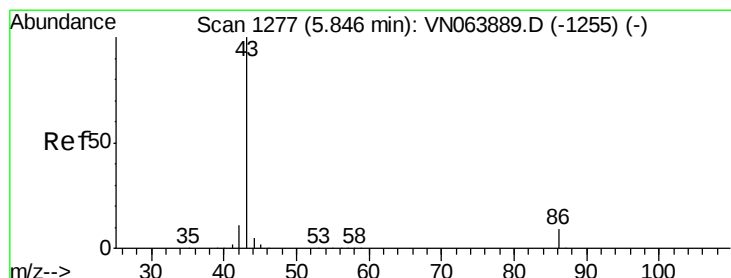
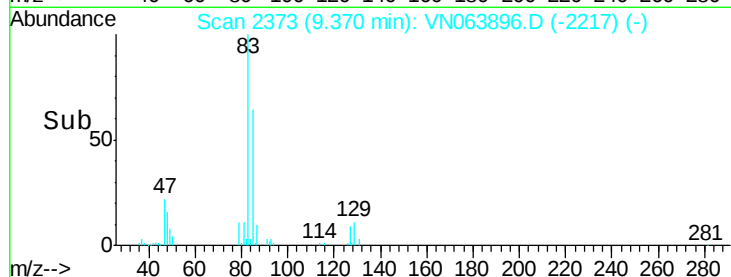
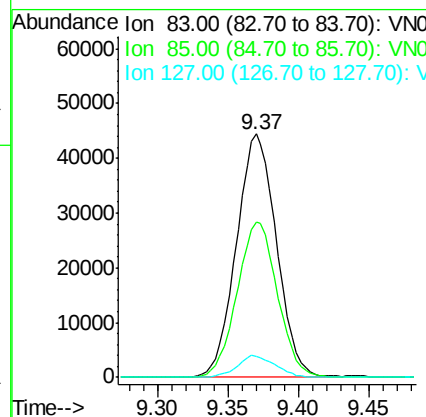
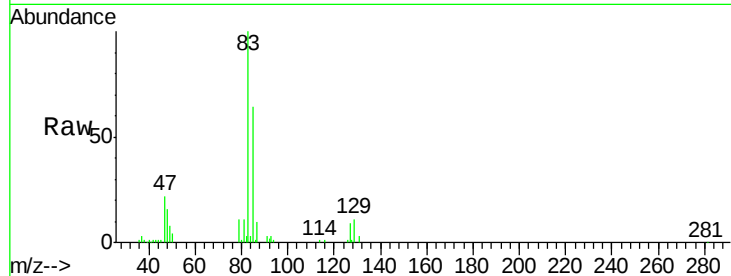
ClientSampleId :

VN1006WBS01

Tot Ion:	83	Resp:	88526
Ion Ratio	Lower	Upper	
83	100		
85	63.7	52.6	79.0
127	8.6	7.4	11.0

Manual Integrations
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MMDadoda
10/7/2020 12:11:41 PM



#42

Vinyl Acetate

Concen: 77.154 ug/l

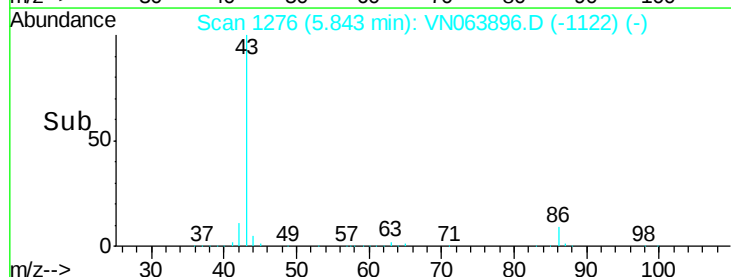
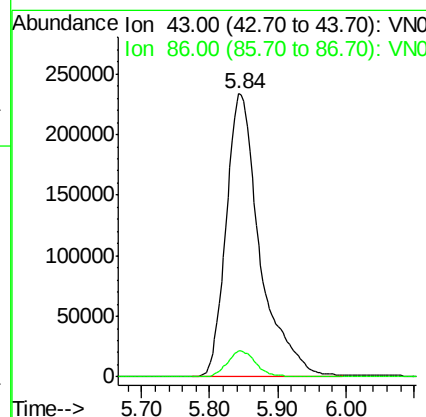
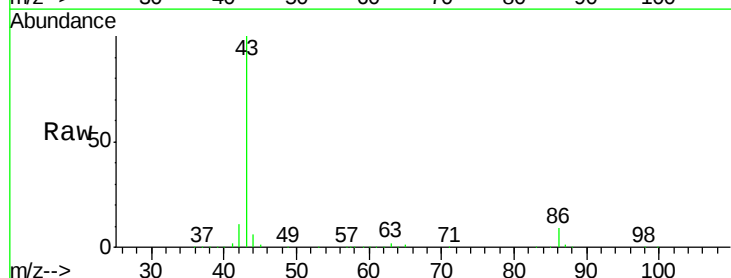
RT: 5.84 min Scan# 1276

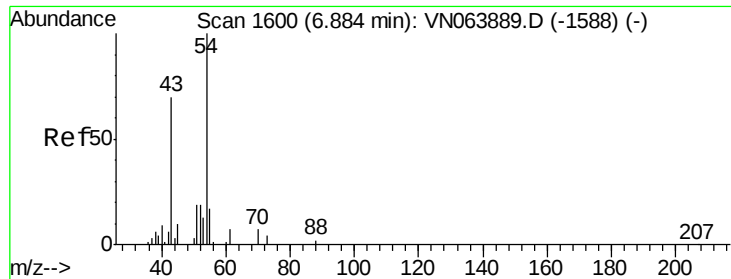
Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Tgt Ion:	43	Resp:	805280
Ion Ratio	Lower	Upper	
43	100		
86	7.8	6.7	10.1





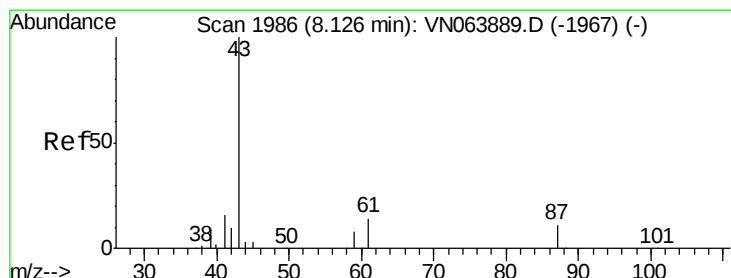
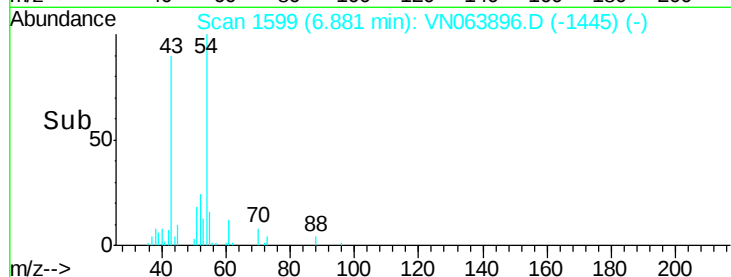
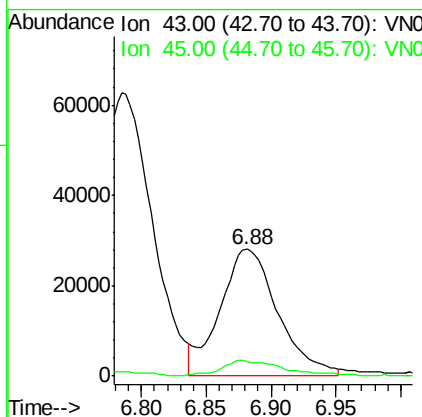
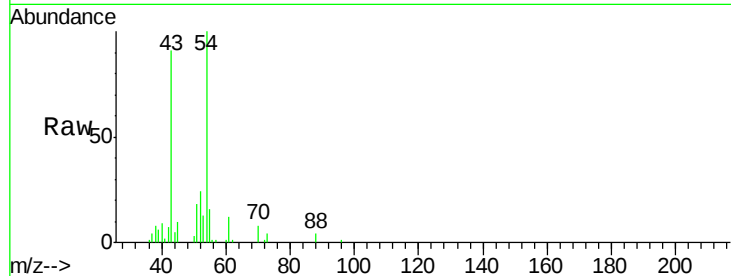
#43
Ethyl Acetate
Concen: 16.340 ug/l m
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS01

Tot Ion: 43 Resp: 88000
Ion Ratio Lower Upper
43 100
45 0.1 11.3 16.9#

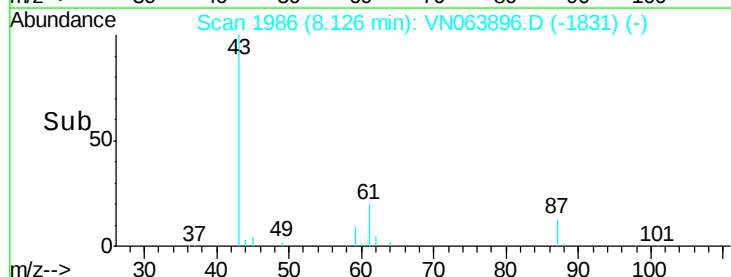
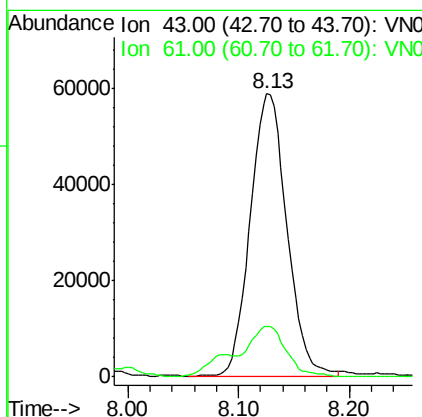
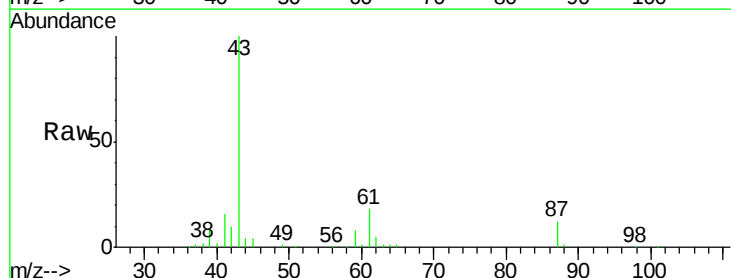
Manual Integrations
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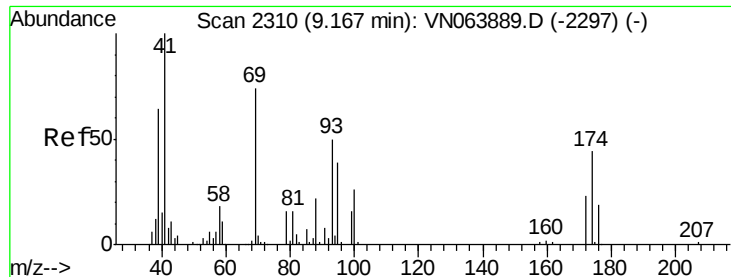
MMDadoda
10/7/2020 12:11:41 PM



#44
Isopropyl Acetate
Concen: 15.254 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Tgt Ion: 43 Resp: 136145
Ion Ratio Lower Upper
43 100
61 17.9 17.5 26.3





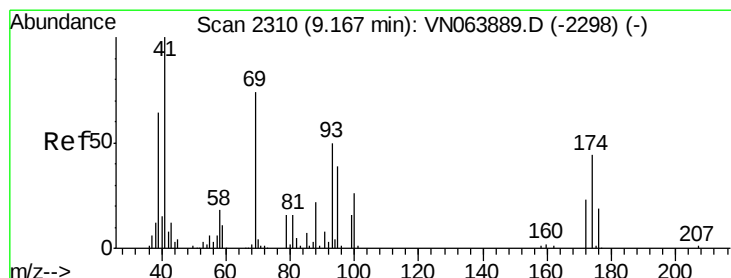
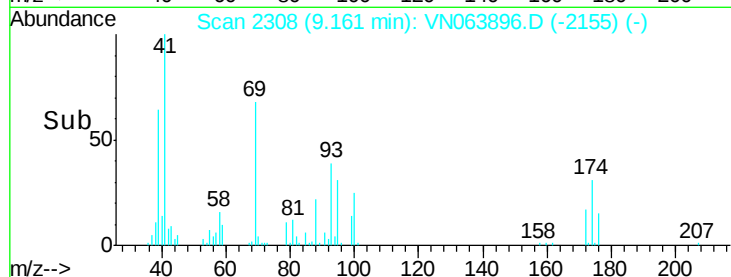
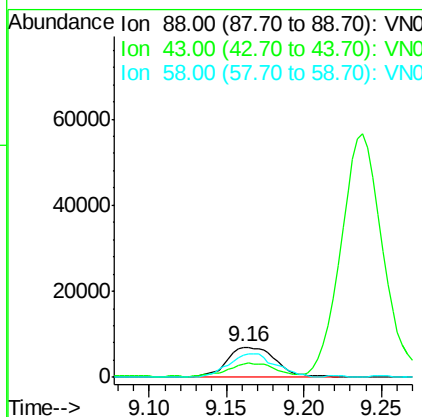
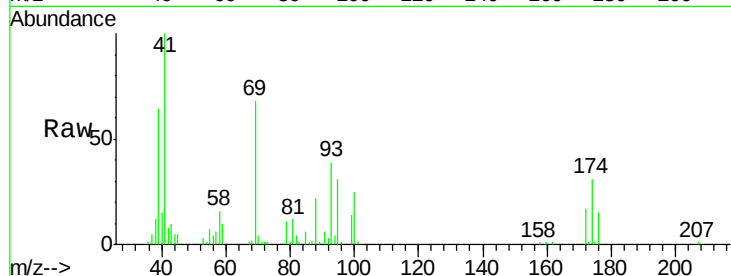
#45
1,4-Dioxane
Concen: 269.926 ug/l
RT: 9.16 min Scan# 2308
Delta R.T. -0.01 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.7	28.5	42.7
58	75.0	59.6	89.4

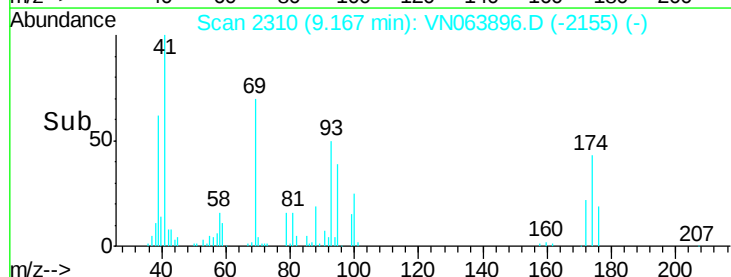
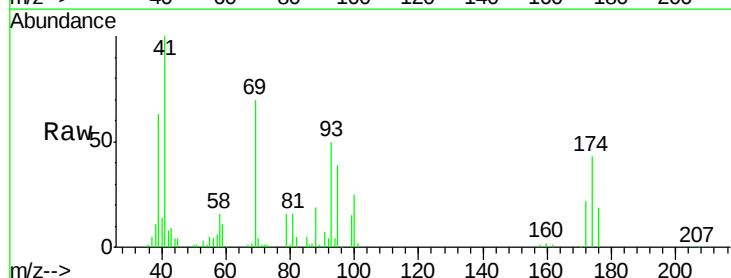
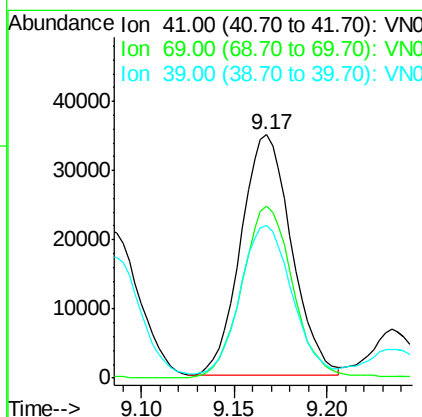
Manual Integrations
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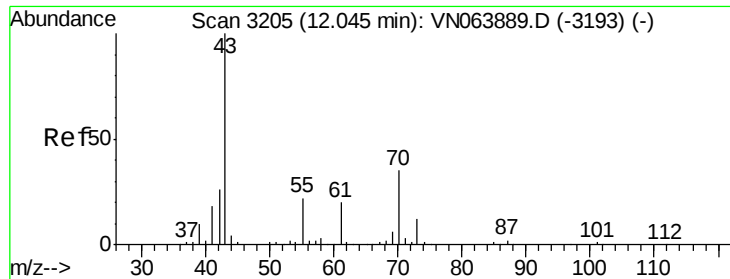
MMDadoda
10/7/2020 12:11:41 PM



#46
Methyl methacrylate
Concen: 14.936 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Tgt Ion	Ratio	Lower	Upper
41	100		
69	71.3	42.6	128.0
39	61.6	25.1	75.4





#47

n-amvl Acetate

Concen: 13.953 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS01

Tot Ion: 43 Resp: 110727

Ion Ratio Lower Upper

43 100

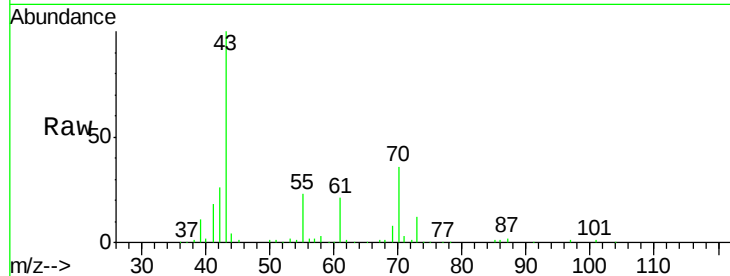
55 23.1 21.2 31.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

12.05

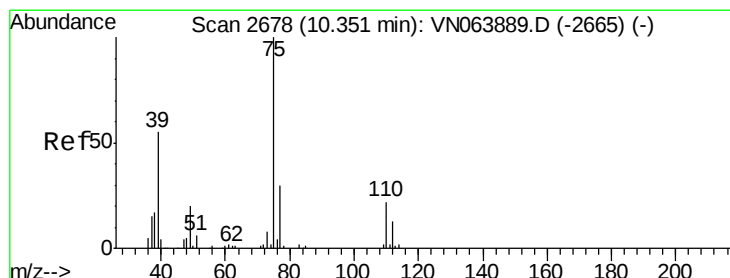
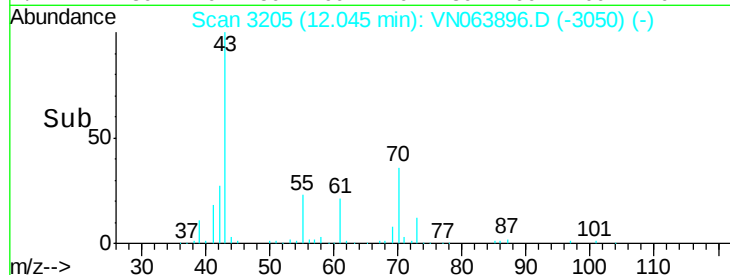
60000

40000

20000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 15.144 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063896.D

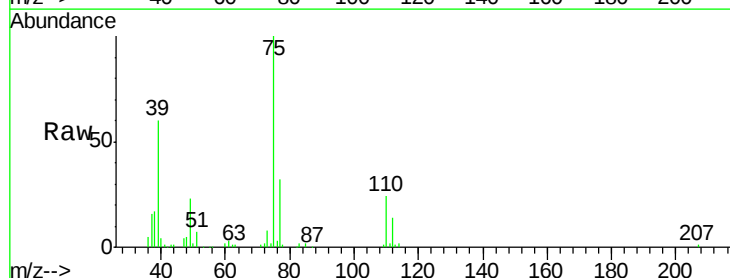
Acq: 6 Oct 2020 16:01

Tgt Ion: 75 Resp: 94095

Ion Ratio Lower Upper

75 100

77 32.2 23.8 35.8



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

10.35

50000

40000

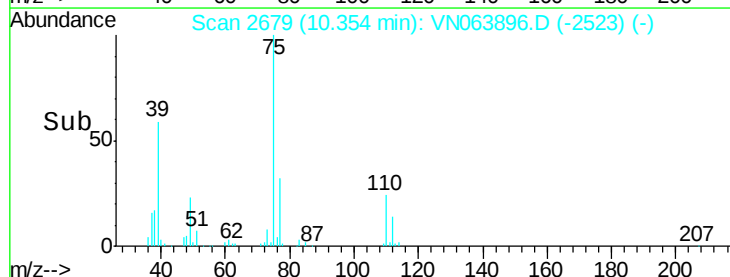
30000

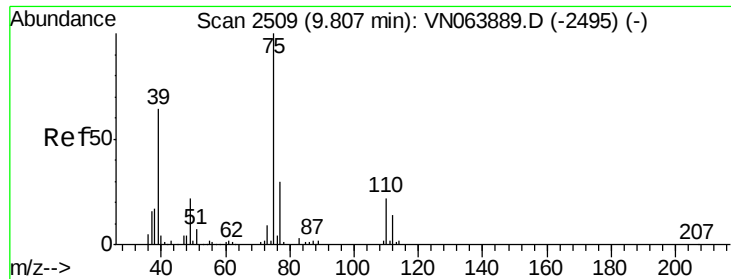
20000

10000

0

Time-->





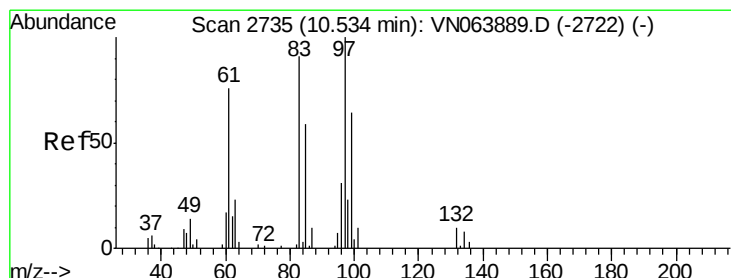
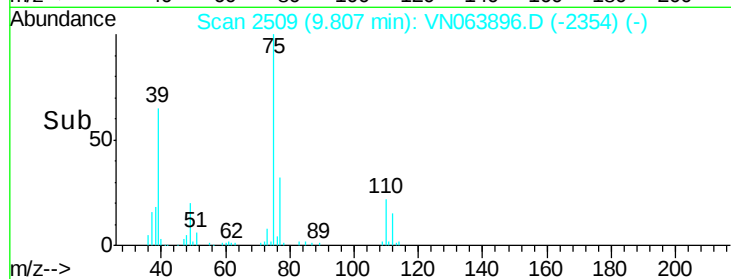
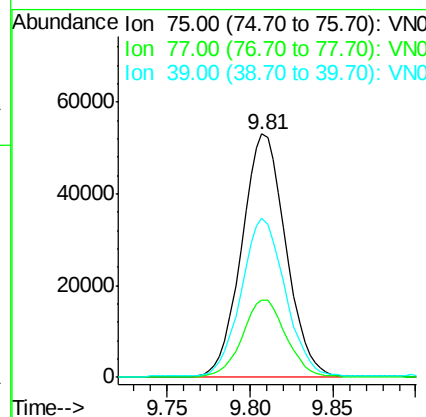
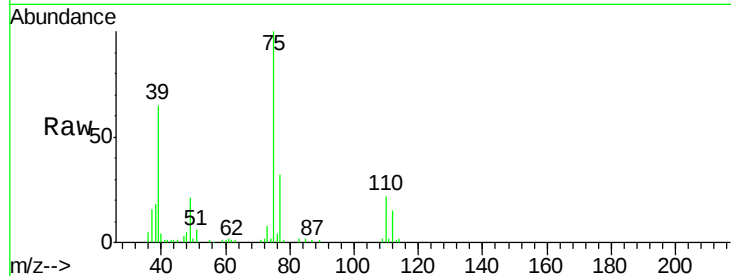
#49
 cis-1,3-Dichloropropene
 Concen: 15.262 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.8	37.2
39	64.7	34.5	51.7#

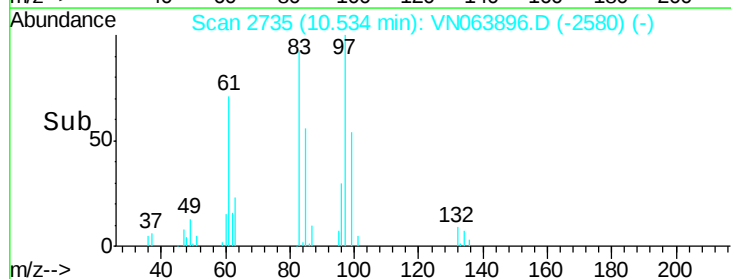
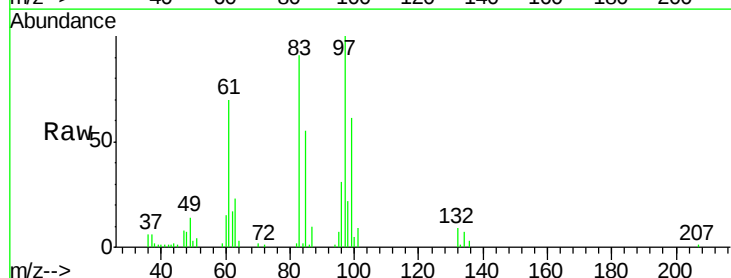
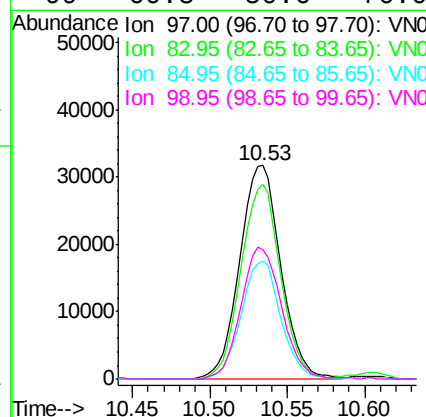
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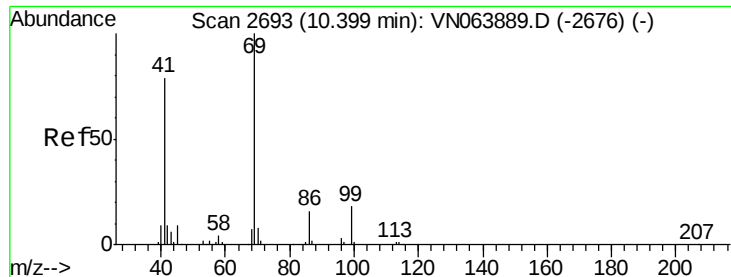
MMDadoda
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#50
 1,1,2-Trichloroethane
 Concen: 15.863 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.9	69.9	104.9
85	55.1	44.0	66.0
99	60.8	50.6	76.0





#51

Ethyl methacrylate

Concen: 14.950 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

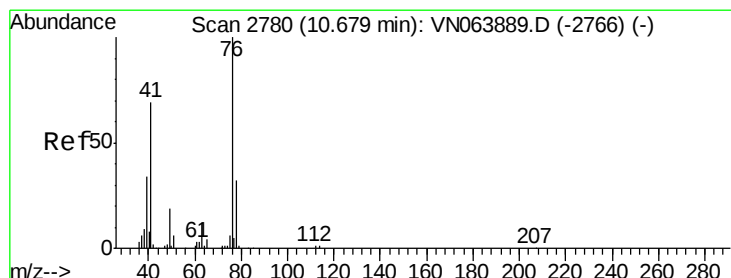
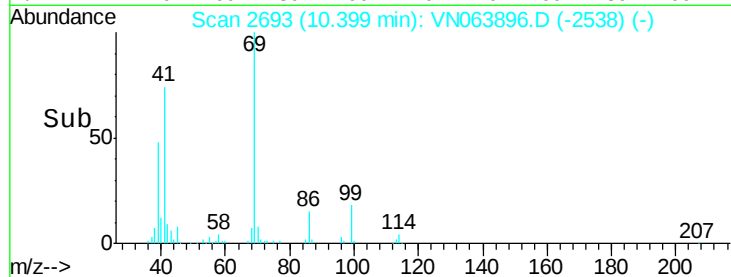
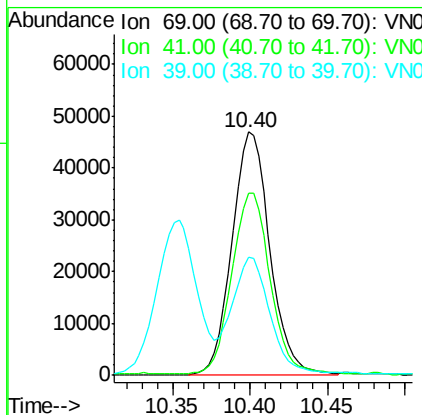
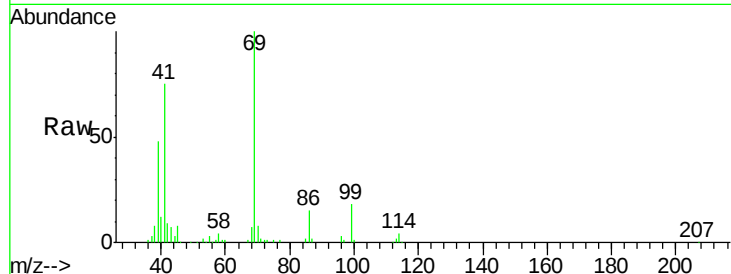
ClientSampled :

VN1006WBS01

Tot Ion:	69	Resp:	80104
Ion	Ratio	Lower	Upper
69	100		
41	73.9	32.1	96.5
39	47.0	16.1	48.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 15.643 ug/l

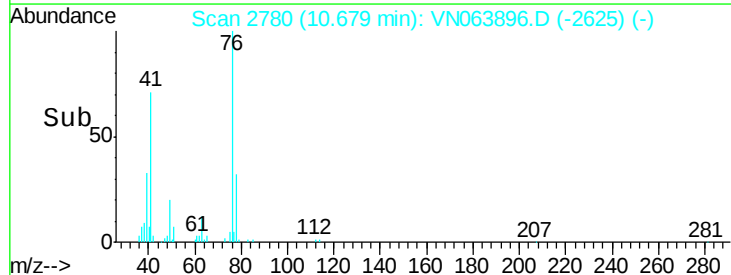
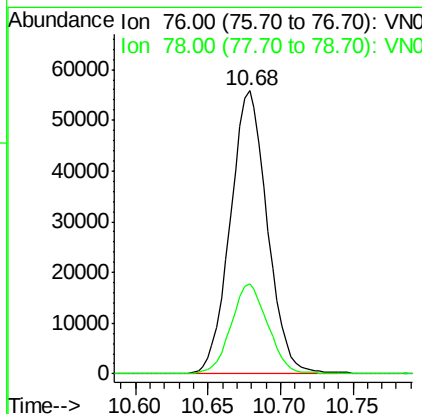
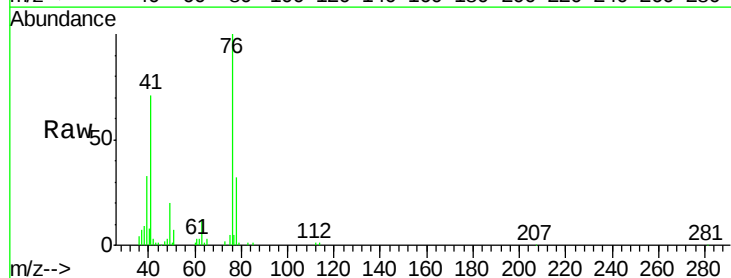
RT: 10.68 min Scan# 2780

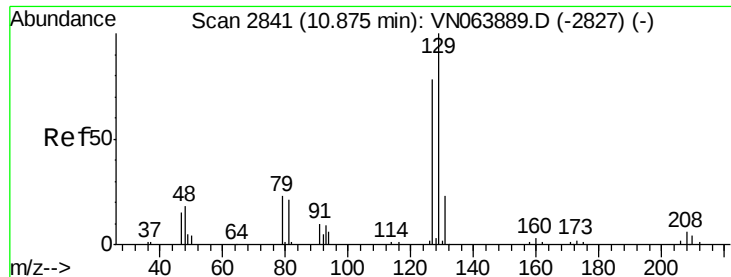
Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Tgt Ion:	76	Resp:	98990
Ion	Ratio	Lower	Upper
76	100		
78	31.4	0.0	63.2





#53

Dibromochloromethane

Concen: 15.371 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS01

Tot Ion:129 Resp: 65353

Ion Ratio Lower Upper

129 100

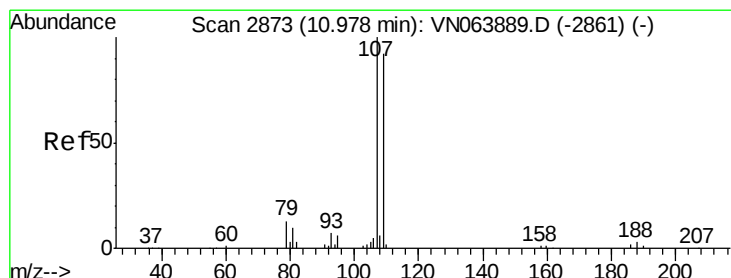
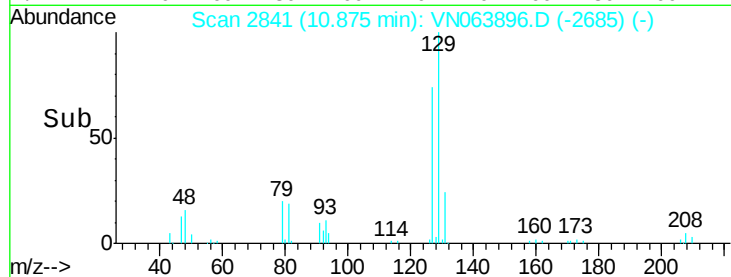
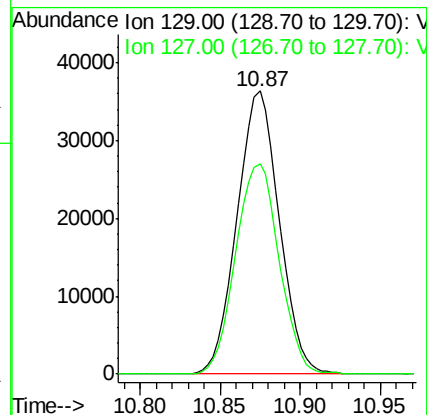
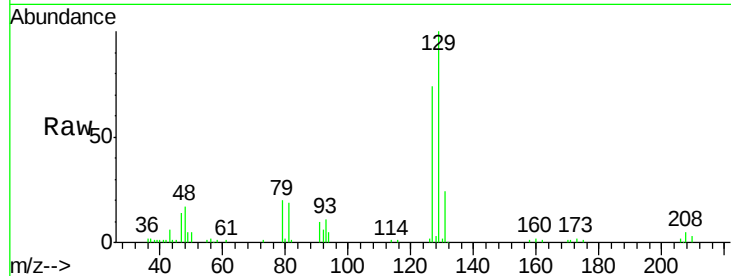
127 76.5 38.7 116.1

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#54

1,2-Dibromoethane

Concen: 15.522 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063896.D

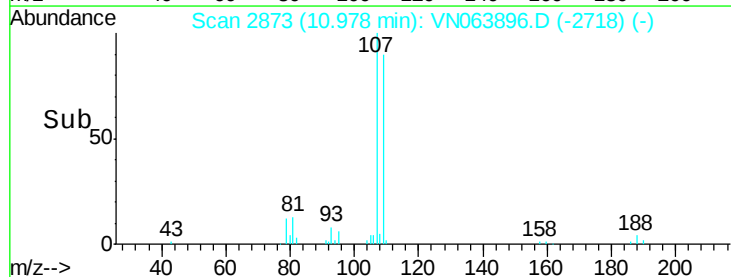
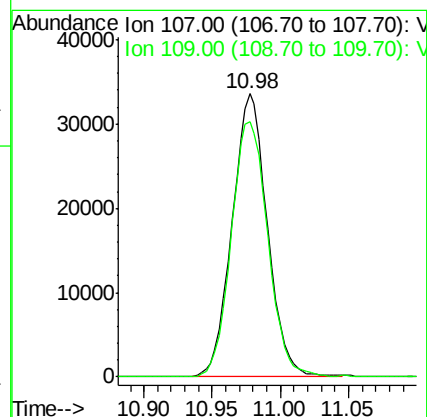
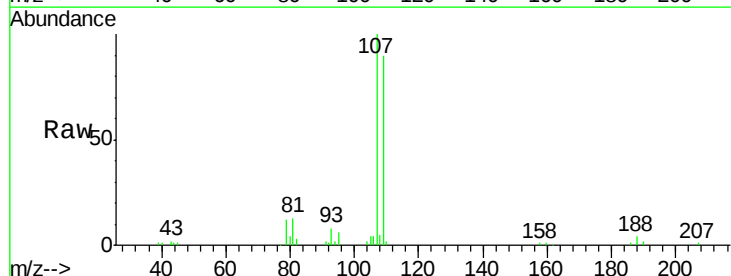
Acq: 6 Oct 2020 16:01

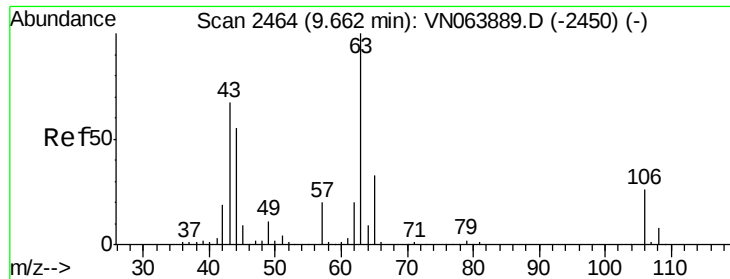
Tgt Ion:107 Resp: 60120

Ion Ratio Lower Upper

107 100

109 93.5 76.3 114.5





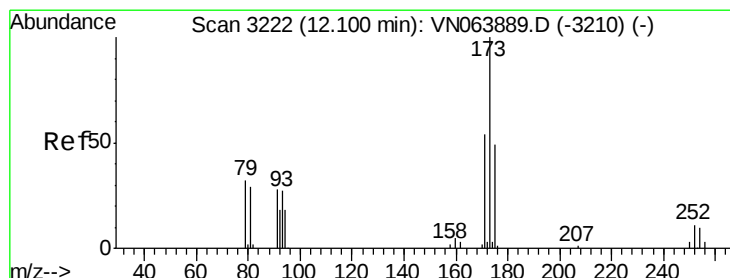
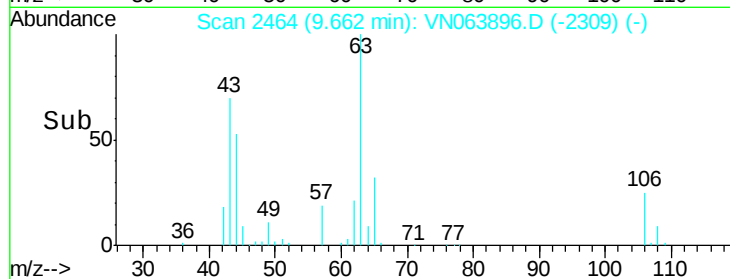
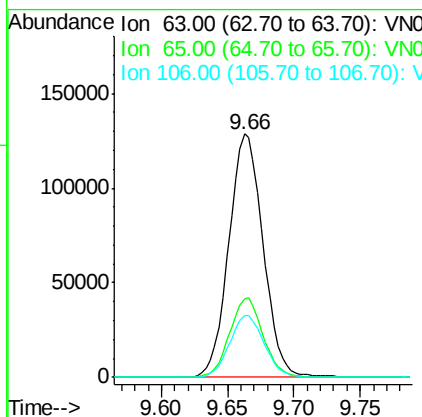
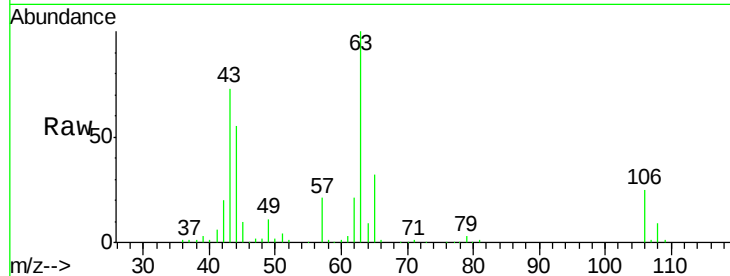
#55
2-Chloroethyl vinyl ether
Concen: 80.902 ug/l
RT: 9.66 min Scan# 2464
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.9	38.9
106	25.6	19.9	29.9

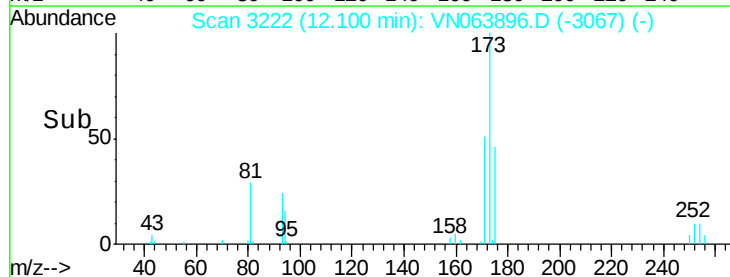
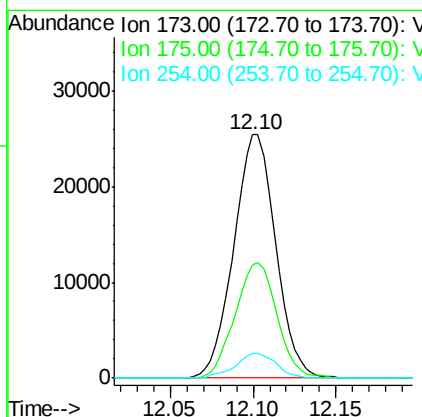
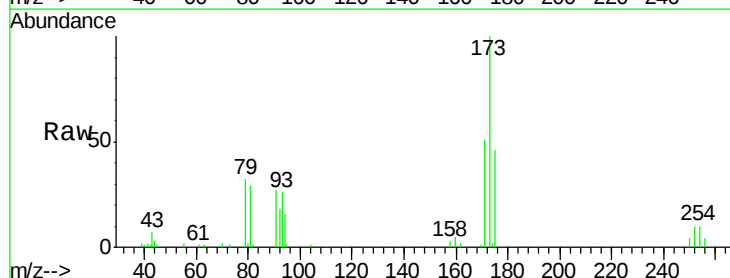
Manual Integrations
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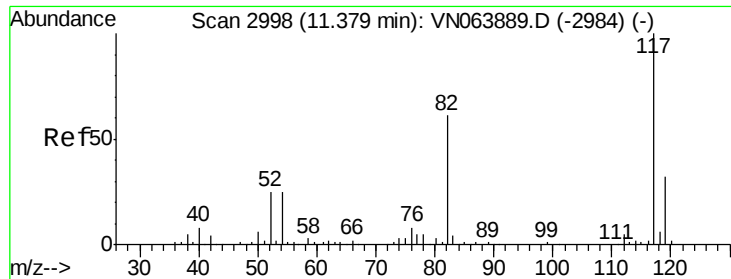
MMDadoda
10/7/2020 12:11:41 PM



#56
Bromoform
Concen: 15.222 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.3	41.2	61.8
254	9.8	9.0	13.4





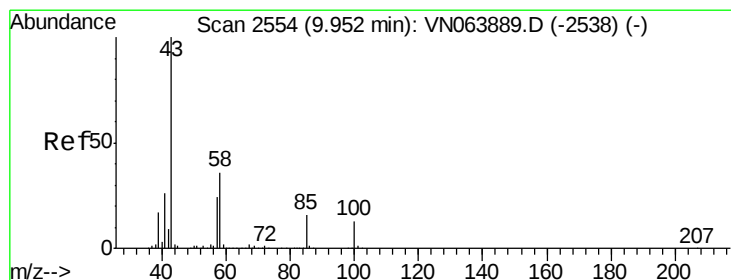
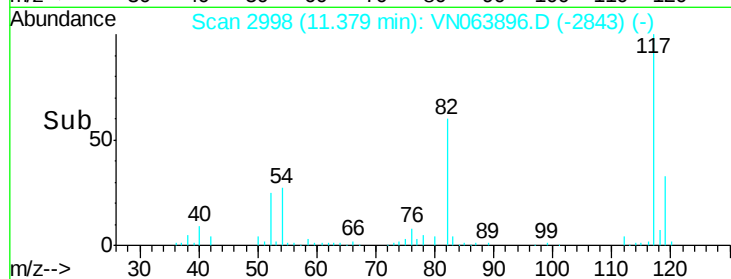
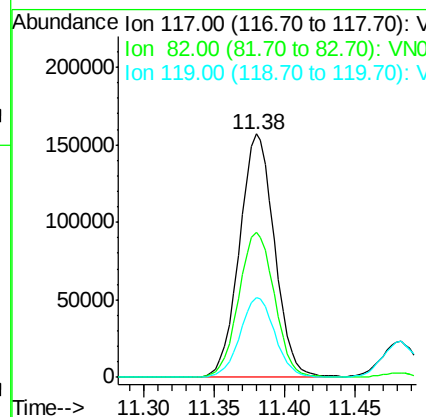
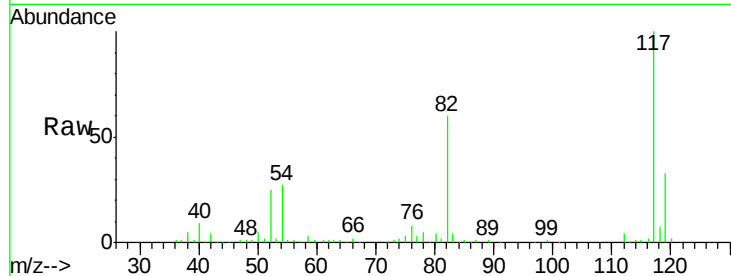
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Instrument :
MSVOA_N
ClientSampled :
VN1006WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.7	44.9	67.3
119	32.6	26.0	39.0

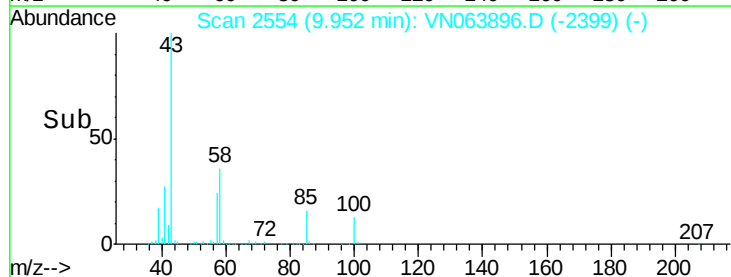
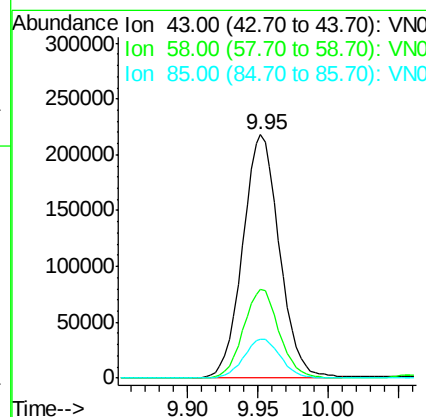
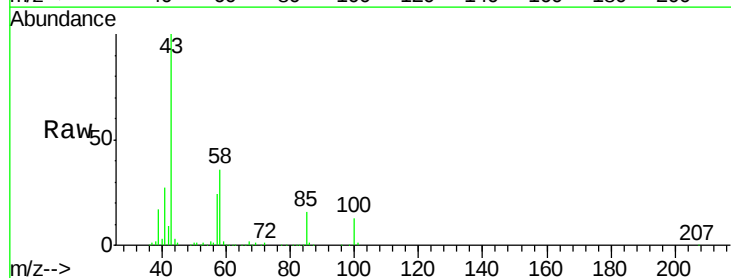
Manual Integrations
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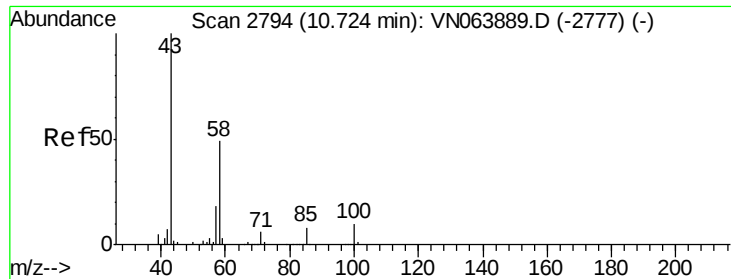
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 74.906 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.6	31.4	47.0
85	16.1	13.4	20.2





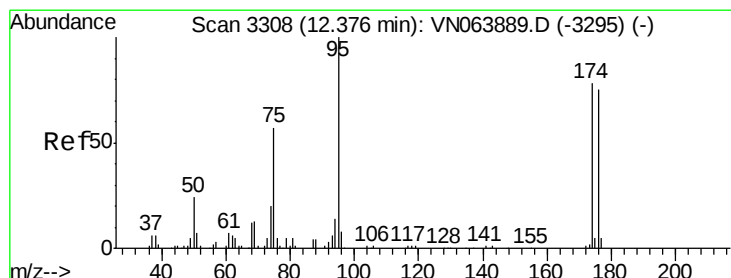
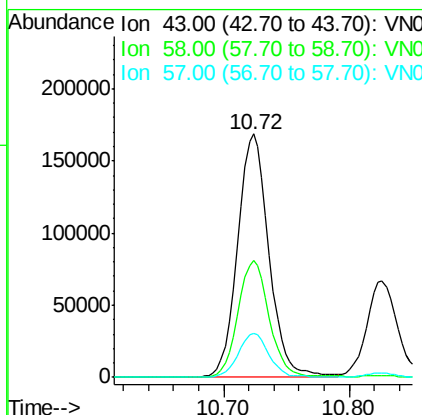
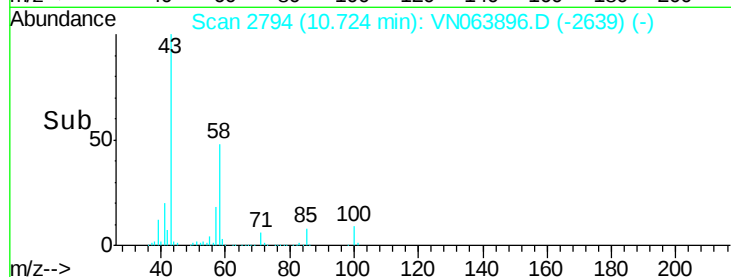
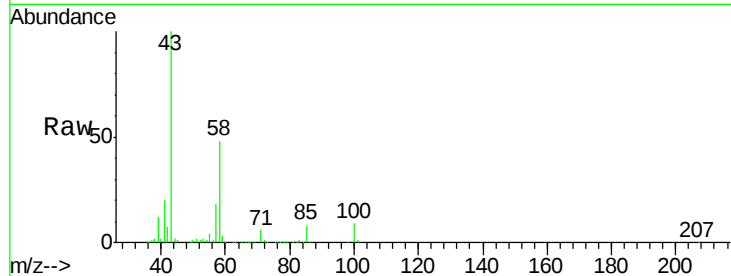
#59
2-Hexanone
Concen: 73.901 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	47.9	42.6	64.0
57	17.7	14.6	21.8

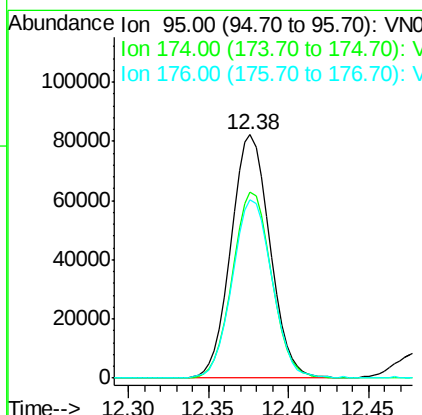
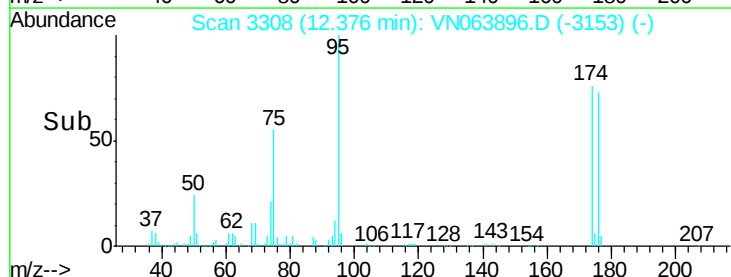
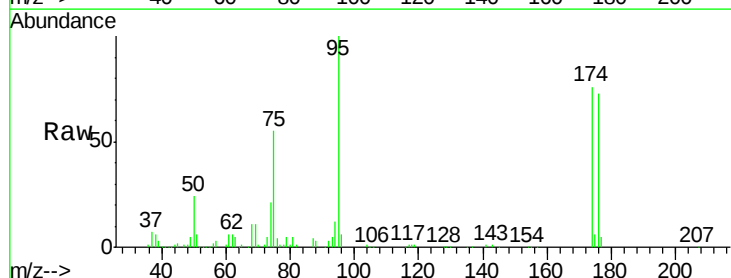
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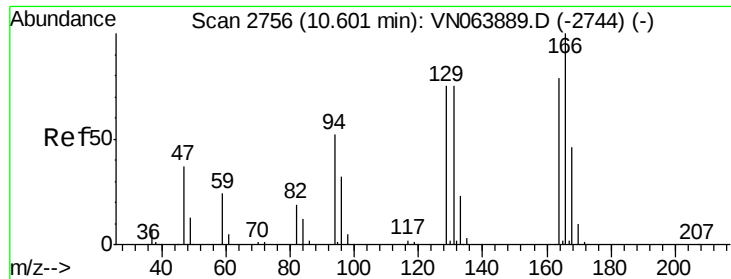
MMDadoda
10/7/2020 12:11:41 PM



#60
4-Bromofluorobenzene
Concen: 29.238 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.7	70.1	105.1
176	74.6	66.8	100.2





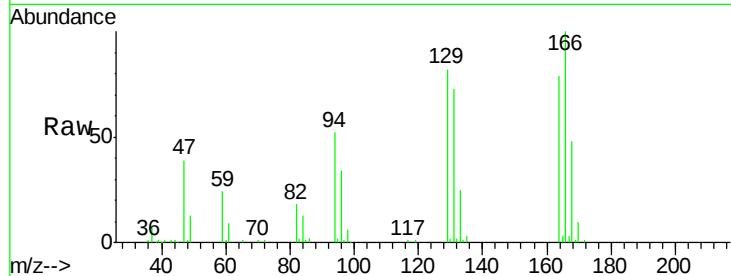
#61
Tetrachloroethene
Concen: 16.272 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS01

Tot Ion	Ratio	Lower	Upper
164	100		
166	126.2	100.1	150.1
129	103.8	72.5	108.7
131	92.0	68.4	102.6

Manual Integrations
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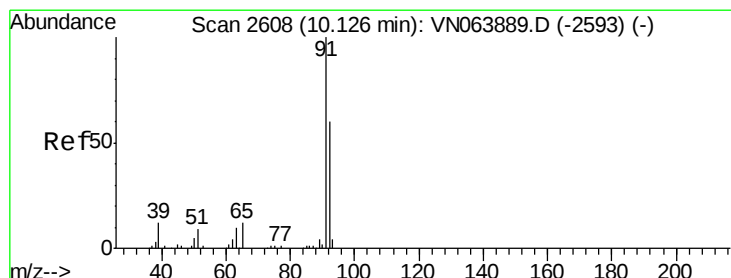
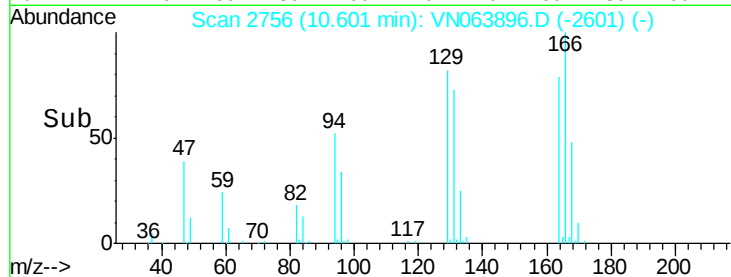
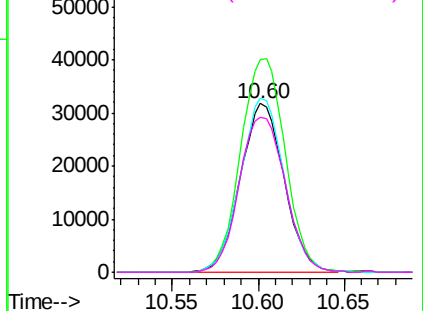
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

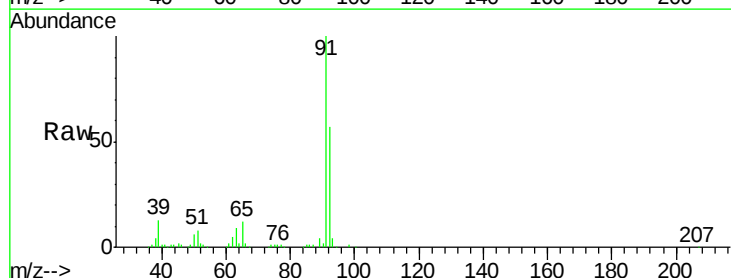
Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62
Toluene
Concen: 16.126 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

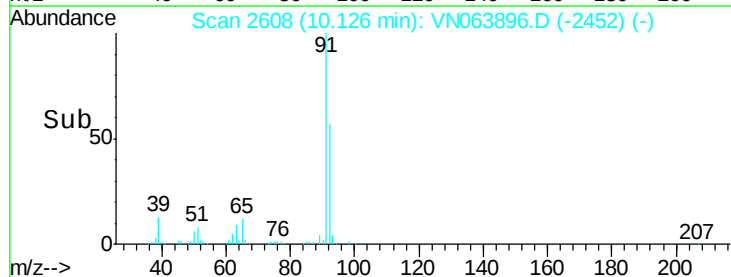
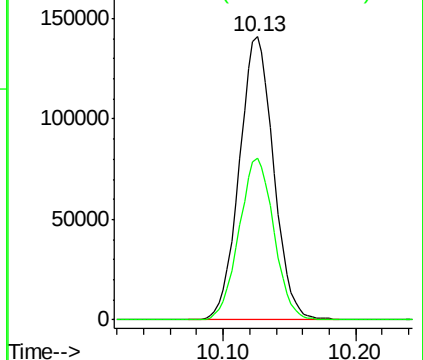
Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.9	45.5	68.3

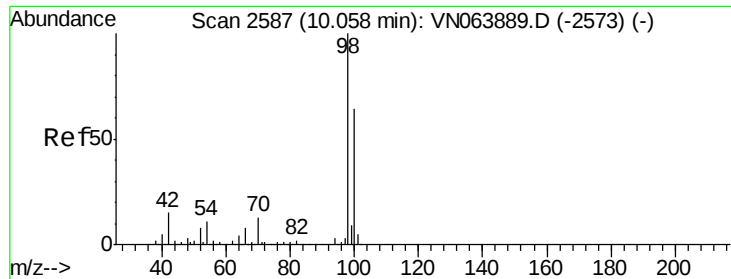


Abundance

Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





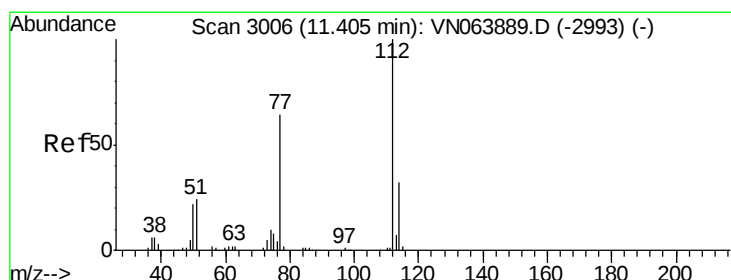
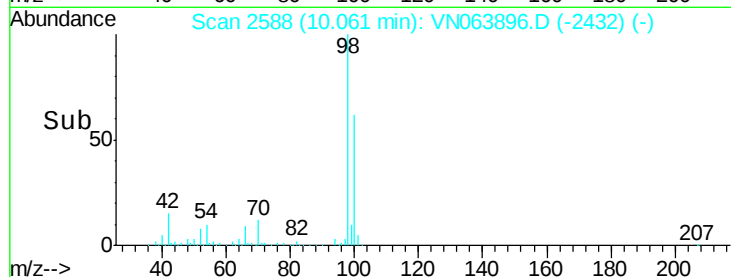
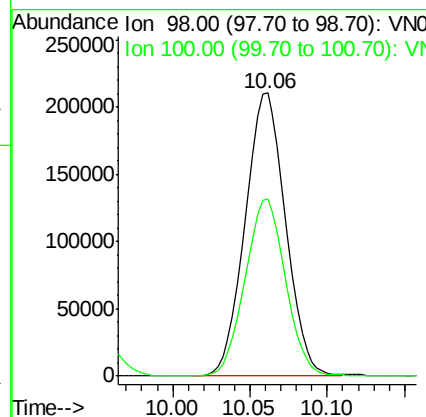
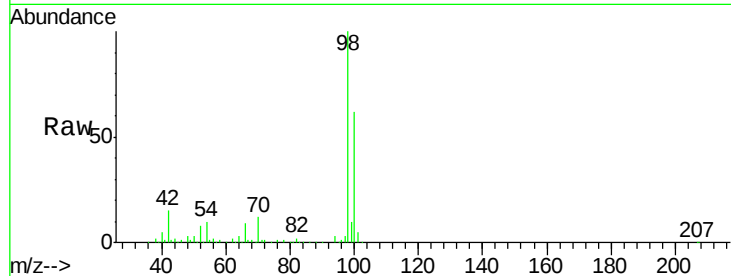
#63
Toluene-d8
Concen: 30.968 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS01

Tot Ion: 98 Resp: 383647
Ion Ratio Lower Upper
98 100
100 62.5 51.4 77.2

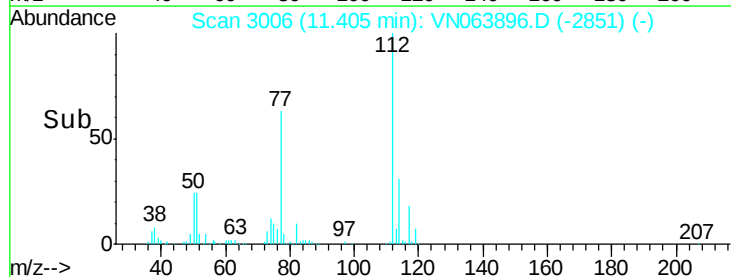
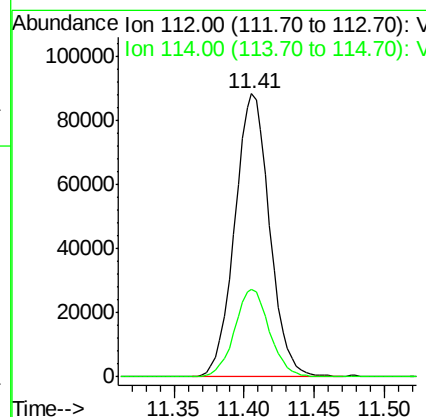
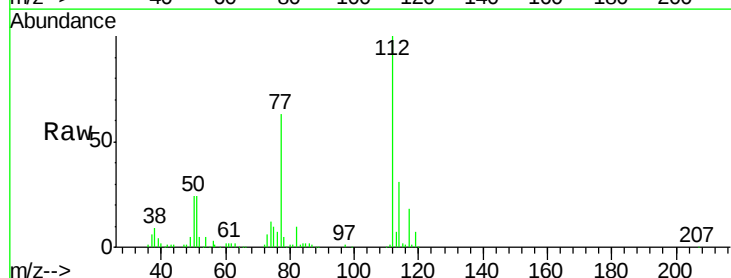
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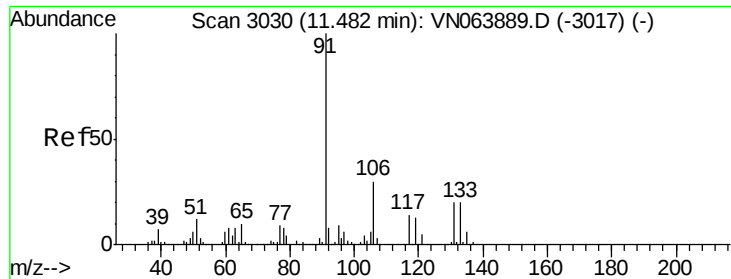
MMDadoda
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#64
Chlorobenzene
Concen: 16.017 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Tgt Ion: 112 Resp: 152412
Ion Ratio Lower Upper
112 100
114 31.1 25.1 37.7





#65

1,1,1,2-Tetrachloroethane

Concen: 16.110 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

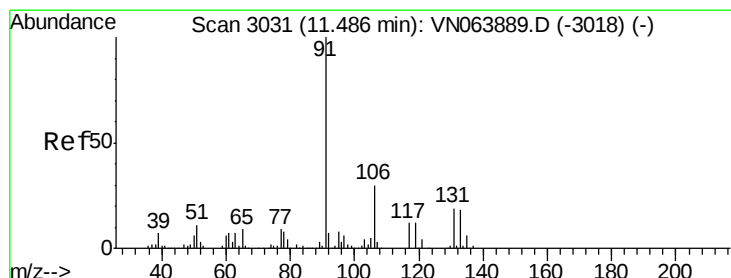
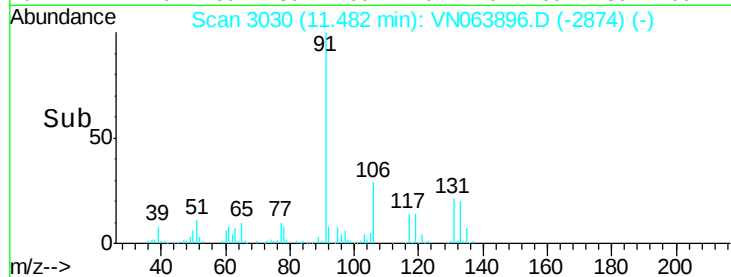
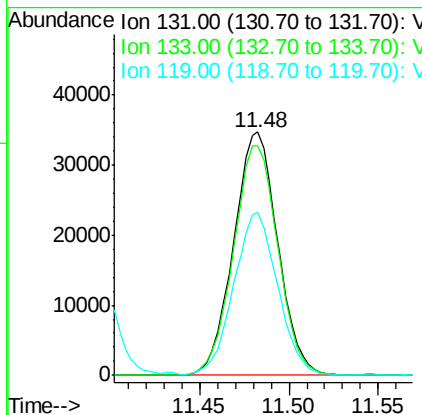
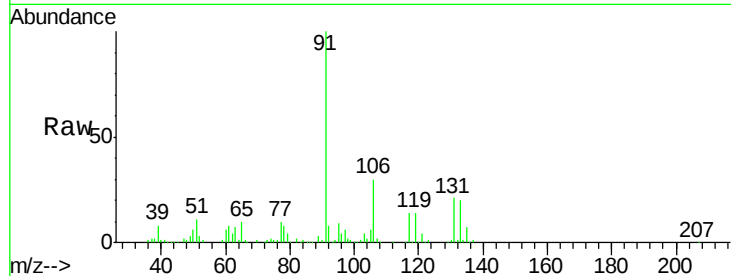
ClientSampleId :

VN1006WBS01

Tot Ion:	131	Resp:	59955
Ion	Ratio	Lower	Upper
131	100		
133	95.3	0.0	191.2
119	66.6	0.0	134.2

Manual Integrations
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#66

Ethyl Benzene

Concen: 15.900 ug/l

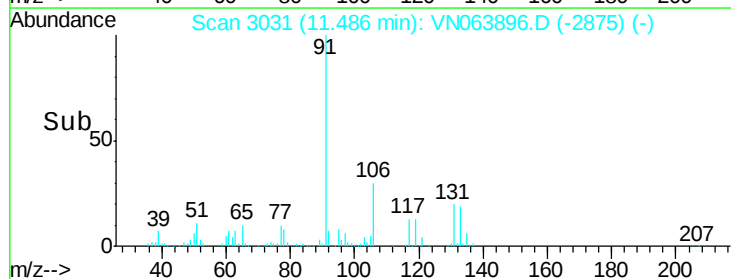
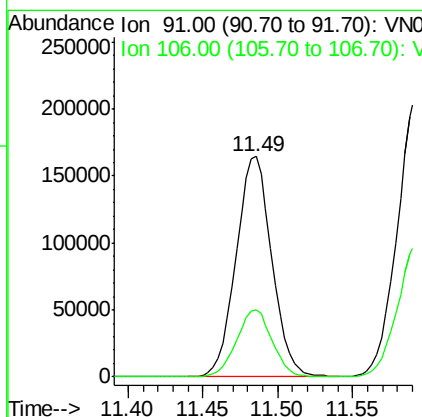
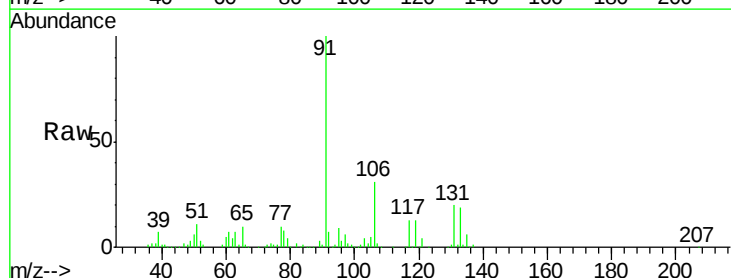
RT: 11.49 min Scan# 3031

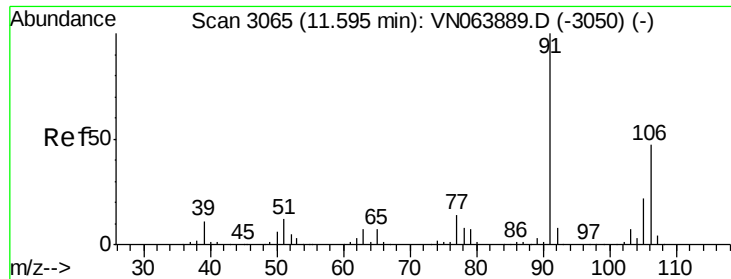
Delta R.T. 0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Tgt Ion:	91	Resp:	274127
Ion	Ratio	Lower	Upper
91	100		
106	30.7	25.0	37.4





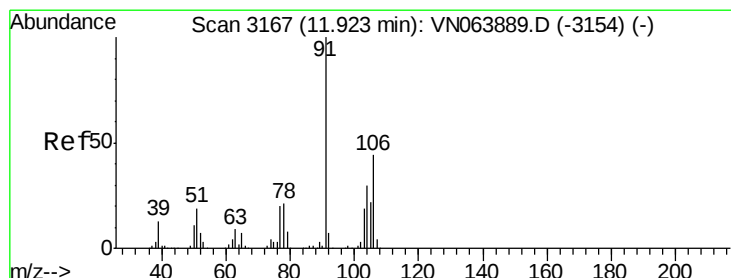
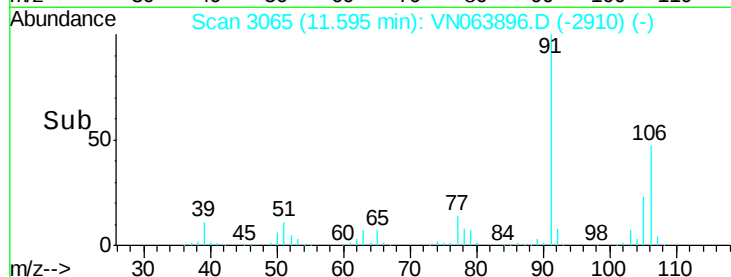
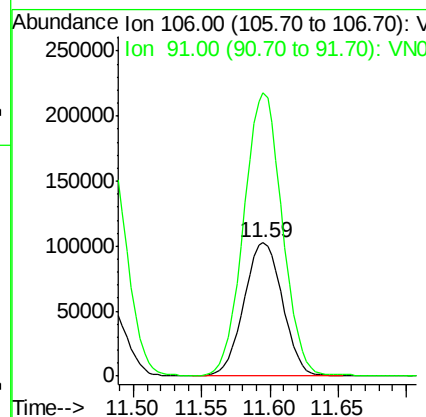
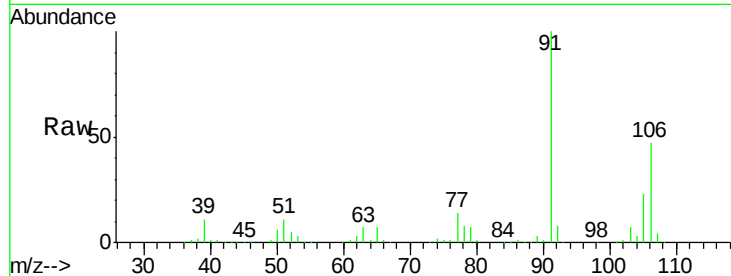
#67
m/p-Xylenes
Concen: 31.354 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Instrument :
MSVOA_N
ClientSampled :
VN1006WBS01

Tot Ion:106 Resp: 201017
Ion Ratio Lower Upper
106 100
91 211.9 164.9 247.3

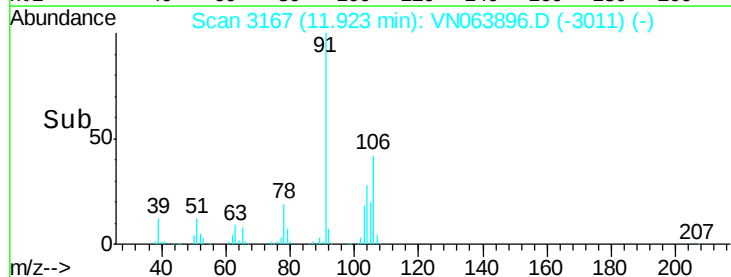
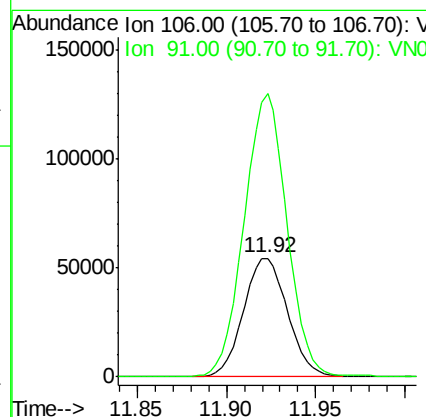
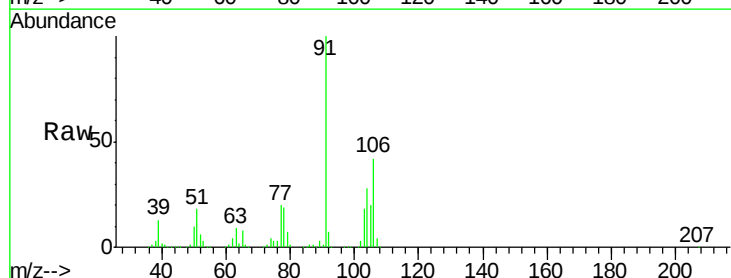
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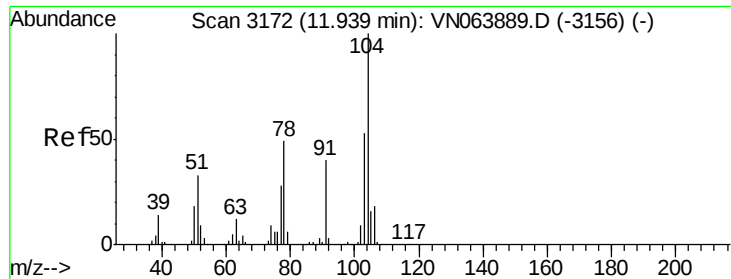
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#68
o-Xylene
Concen: 15.424 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Tgt Ion:106 Resp: 94217
Ion Ratio Lower Upper
106 100
91 231.2 108.0 324.0





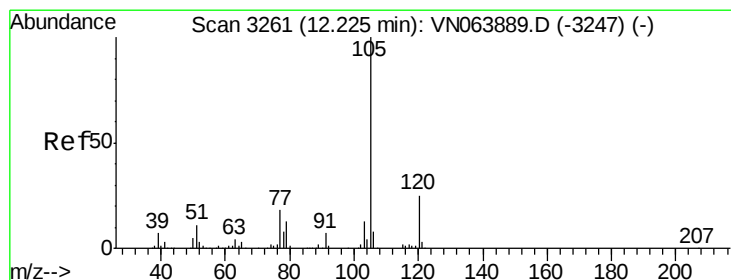
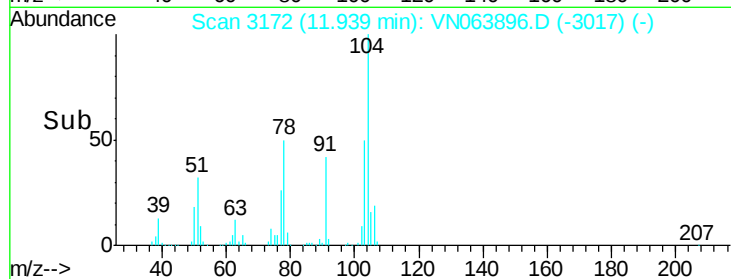
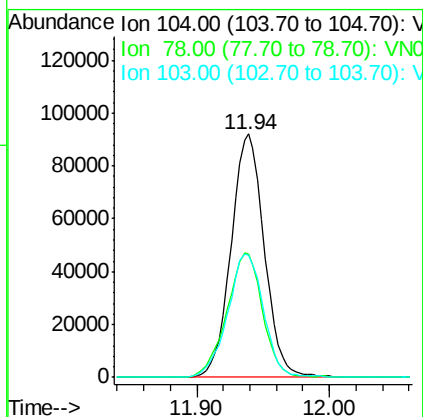
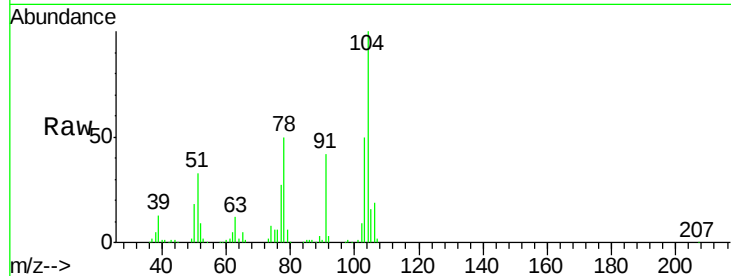
#69
Stvrene
Concen: 15.356 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS01

Tot Ion	Ratio	Lower	Upper
104	100		
78	55.1	39.6	59.4
103	54.7	44.4	66.6

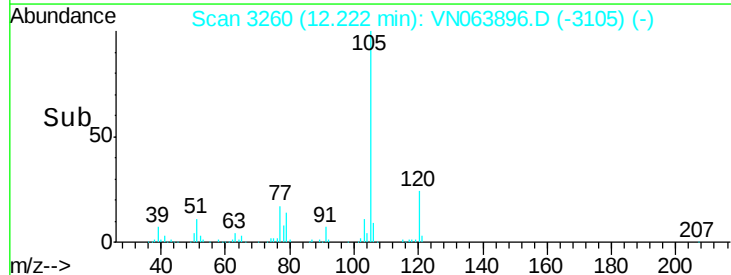
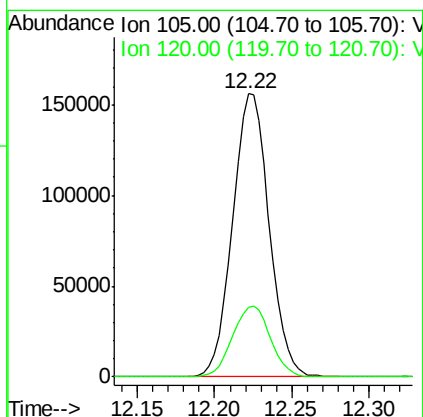
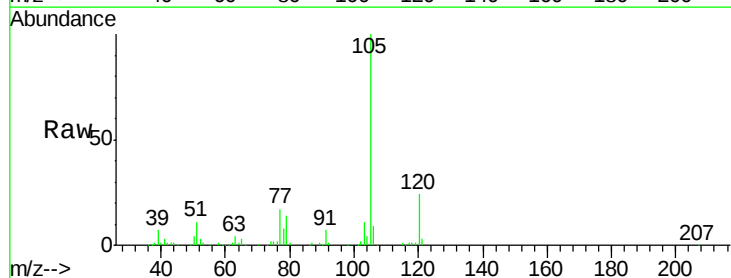
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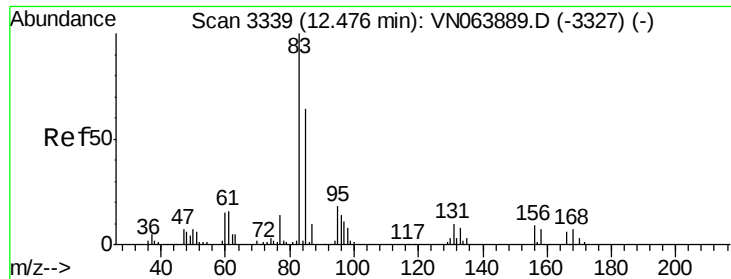
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#70
Isopropylbenzene
Concen: 15.717 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.9	18.5	34.3





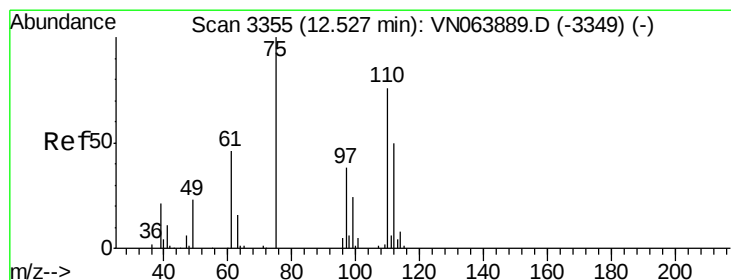
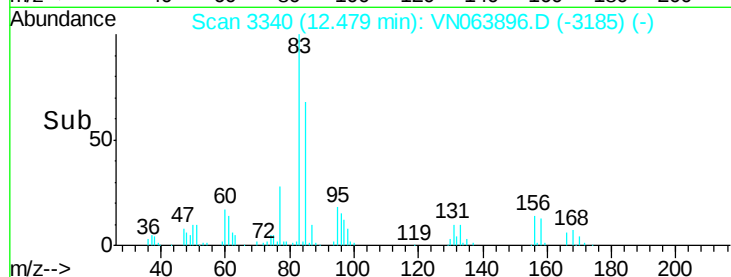
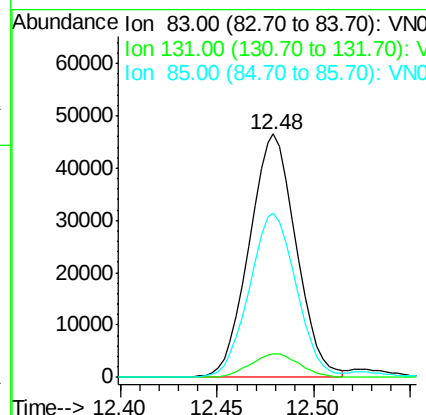
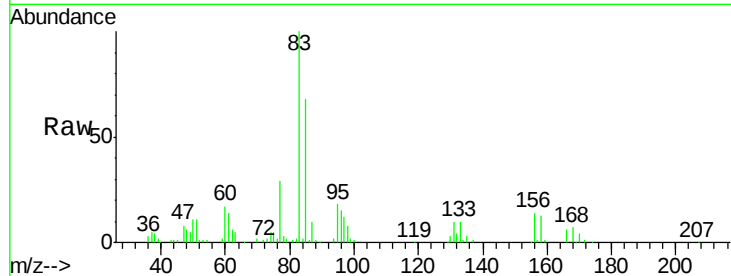
#71
 1,1,2,2-Tetrachloroethane
 Concen: 15.275 ug/l
 RT: 12.48 min Scan# 3340
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS01

Tot Ion	83	Resp	78371
Ion Ratio	100	Lower	Upper
83	100		
131	10.2	4.5	13.7
85	67.4	31.8	95.3

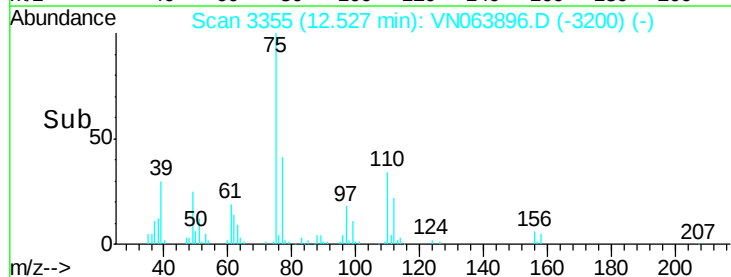
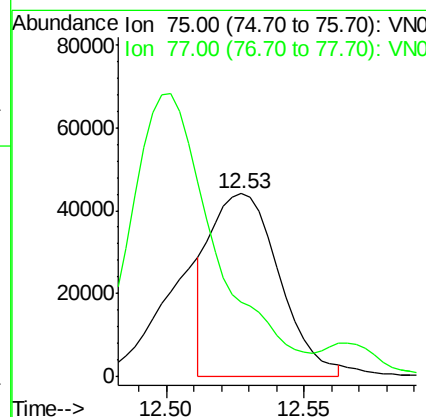
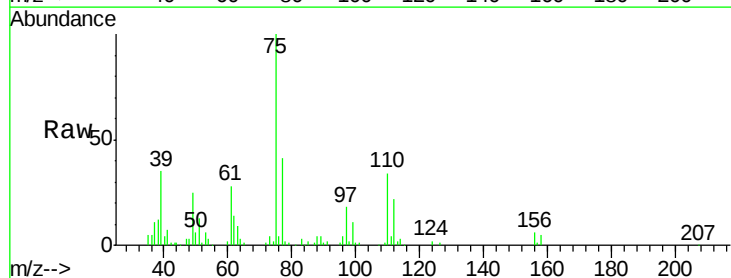
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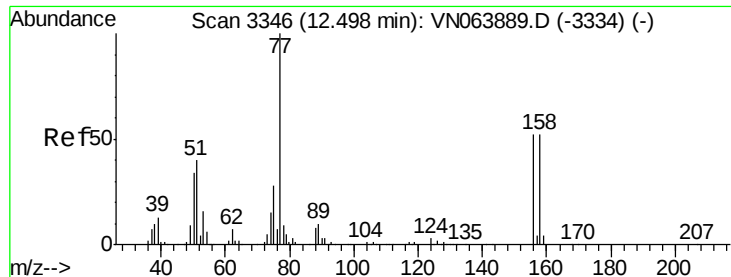
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#72
 1,2,3-Trichloropropane
 Concen: 14.673 ug/l m
 RT: 12.53 min Scan# 3355
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

Tgt Ion	75	Resp	76763
Ion Ratio	100	Lower	Upper
75	100		
77	190.4	0.0	387.8





#73

Bromobenzene

Concen: 15.892 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

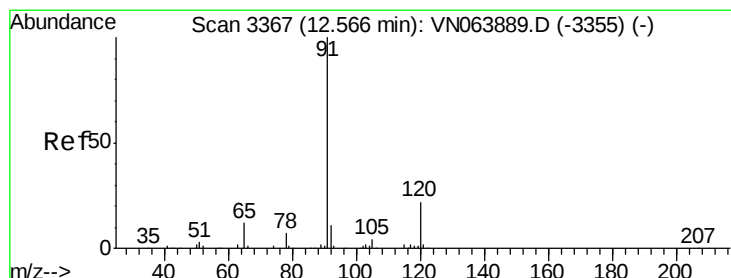
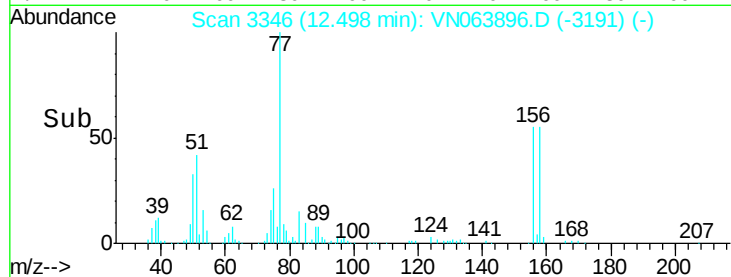
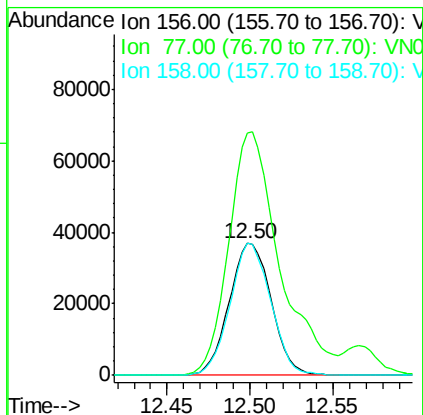
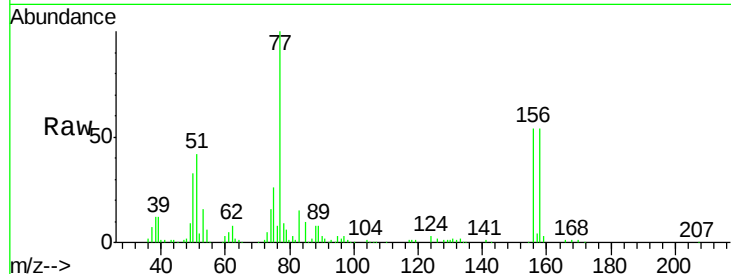
ClientSampleId :

VN1006WBS01

Tot Ion:	156	Resp:	65379
Ion	Ratio	Lower	Upper
156	100		
77	223.6	0.0	398.6
158	96.5	0.0	195.4

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#74

n-propylbenzene

Concen: 15.437 ug/l

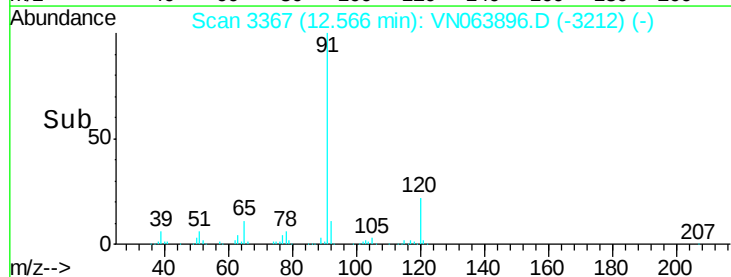
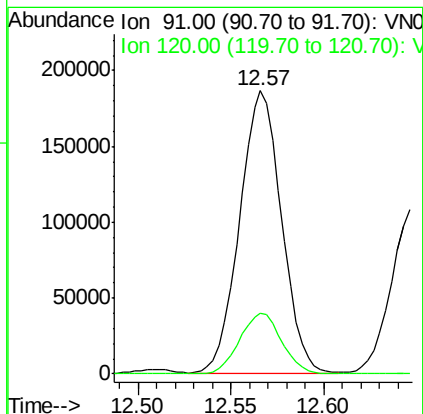
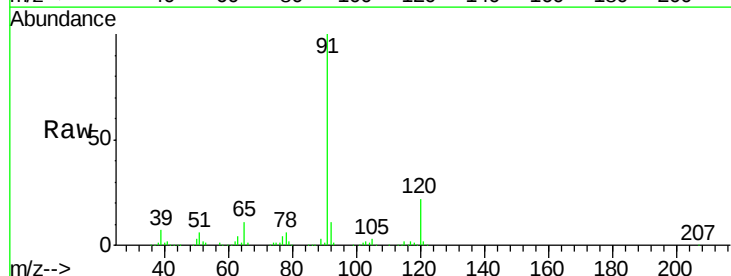
RT: 12.57 min Scan# 3367

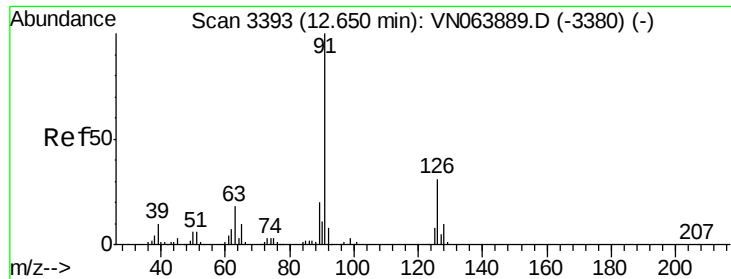
Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Tgt Ion:	91	Resp:	292904
Ion	Ratio	Lower	Upper
91	100		
120	21.6	0.0	44.0





#75

2-Chlorotoluene

Concen: 16.030 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS01

Tot Ion: 91 Resp: 185525

Ion Ratio Lower Upper

91 100

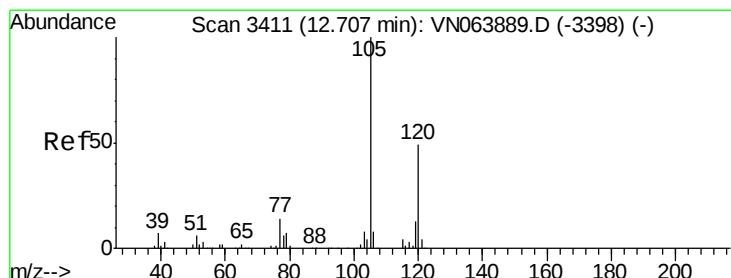
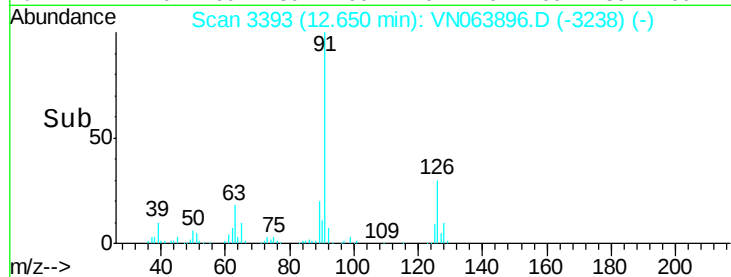
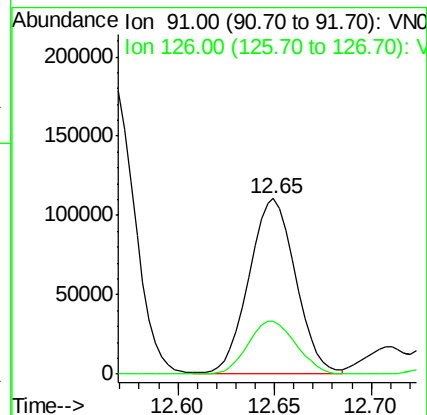
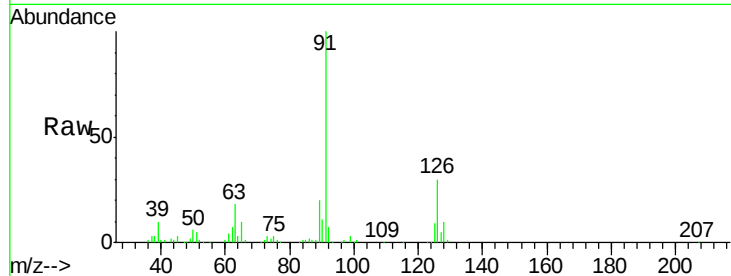
126 31.2 0.0 68.0

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#76

1,3,5-Trimethylbenzene

Concen: 15.516 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063896.D

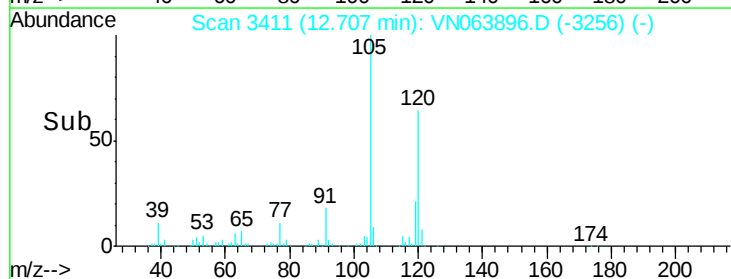
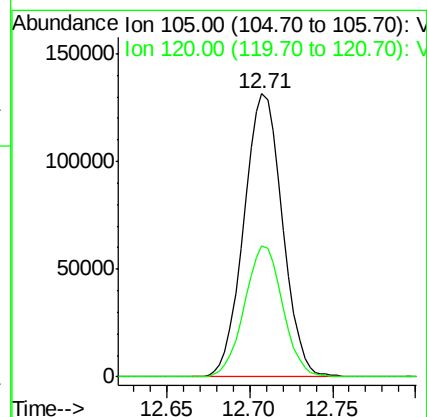
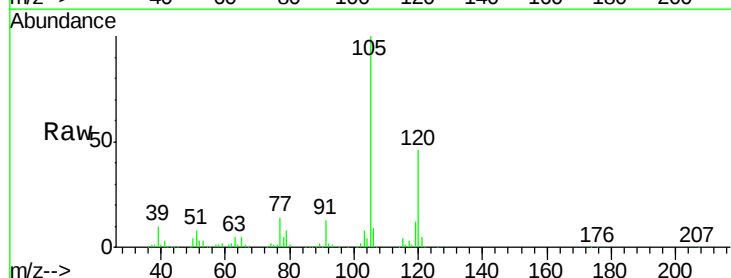
Acq: 6 Oct 2020 16:01

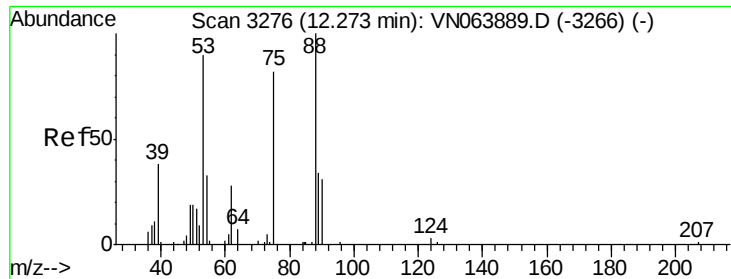
Tgt Ion: 105 Resp: 212372

Ion Ratio Lower Upper

105 100

120 45.9 0.0 95.0





#77

t-1,4-Dichloro-2-butene

Concen: 13.848 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

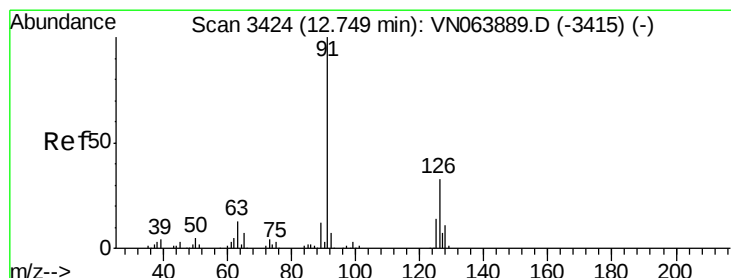
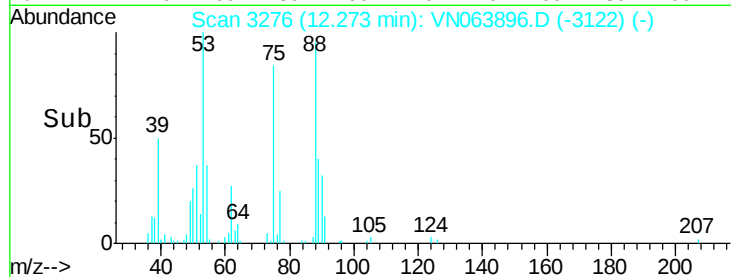
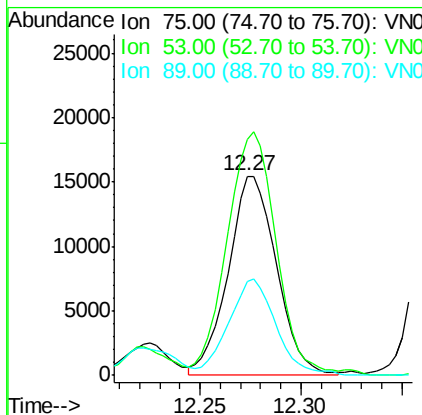
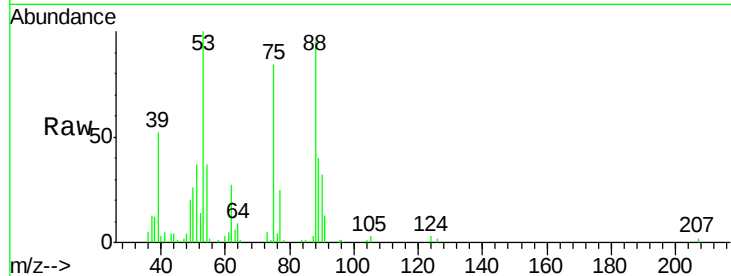
ClientSampleId :

VN1006WBS01

Tot Ion:	75	Resp:	25768
Ion	Ratio	Lower	Upper
75	100		
53	118.0	47.0	141.0
89	46.5	22.9	68.7

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#78

4-Chlorotoluene

Concen: 15.575 ug/l

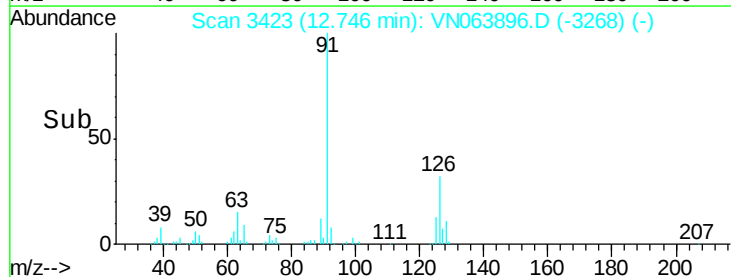
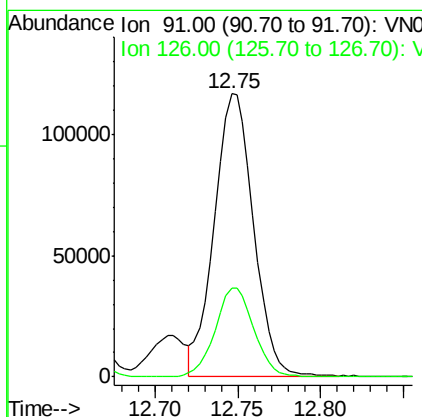
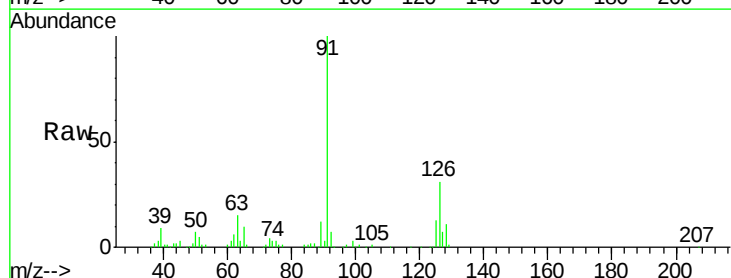
RT: 12.75 min Scan# 3423

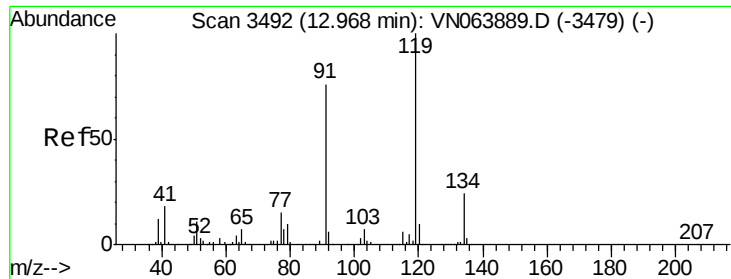
Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Tgt Ion:	91	Resp:	190880
Ion	Ratio	Lower	Upper
91	100		
126	31.0	0.0	65.0





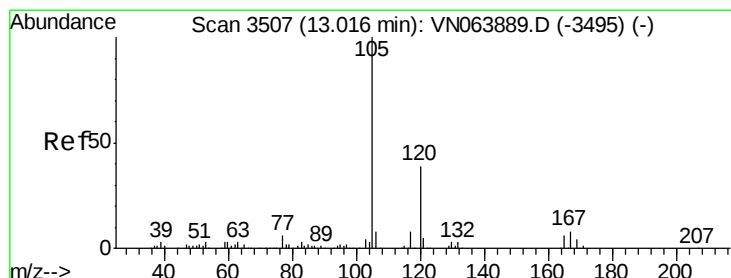
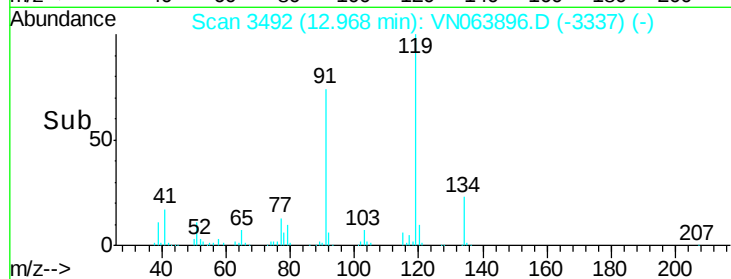
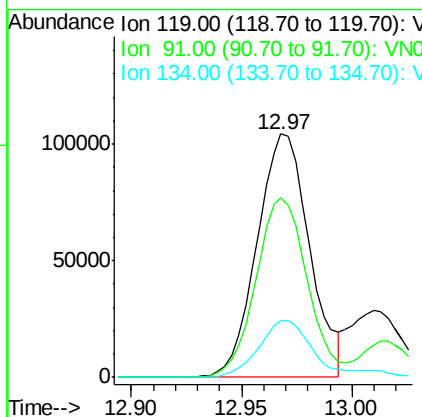
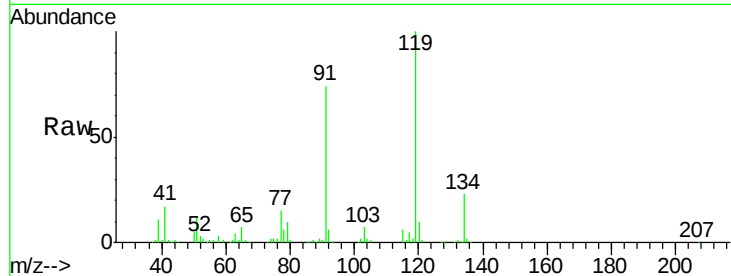
#79
tert-butylbenzene
Concen: 15.667 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	171794		
91	72.2	0.0	136.8	
134	23.4	0.0	48.8	

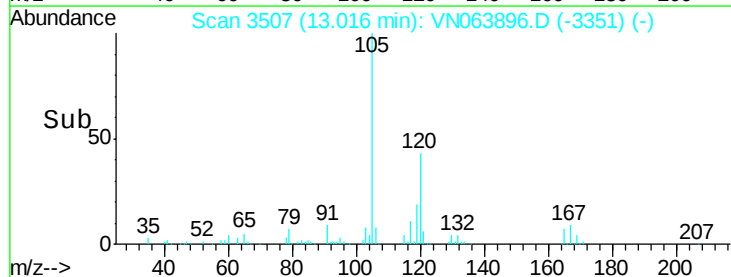
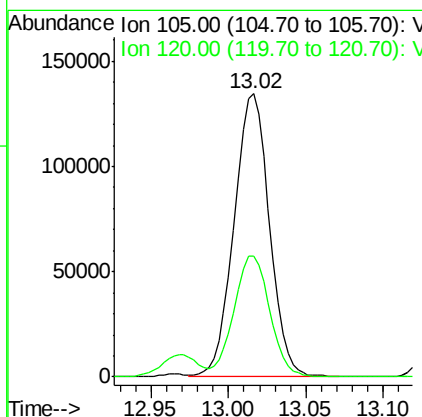
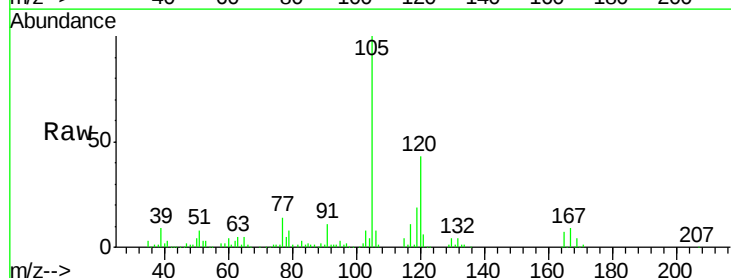
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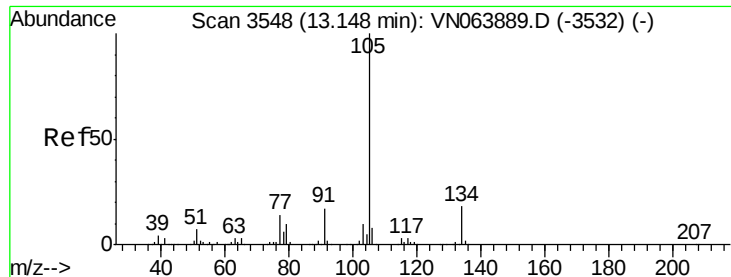
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#80
1,2,4-Trimethylbenzene
Concen: 15.533 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	213130		
120	43.2	0.0	90.4	





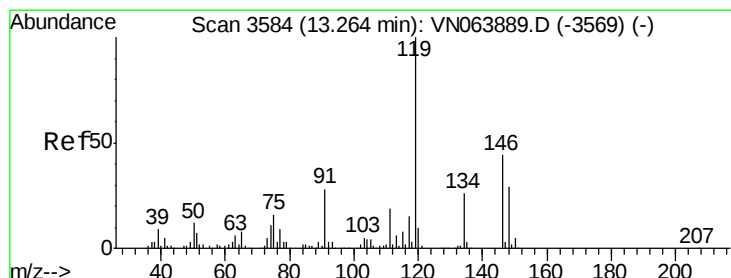
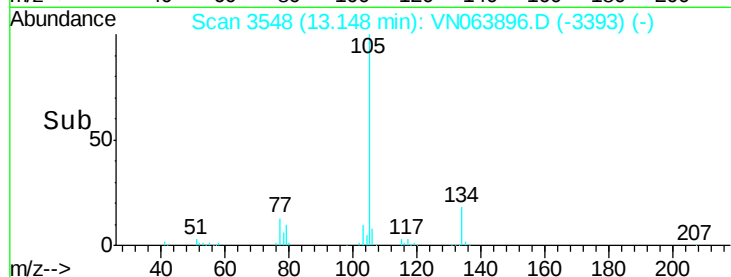
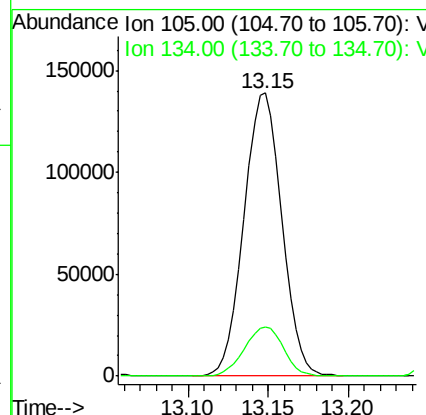
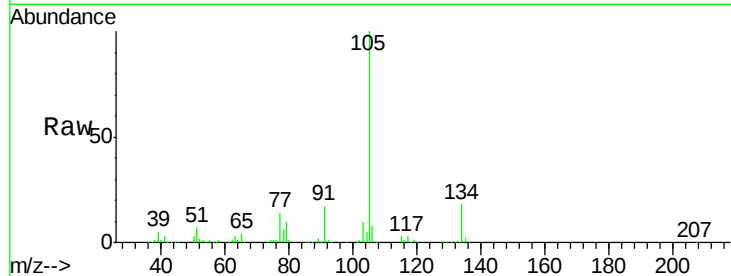
#81
 sec-Butylbenzene
 Concen: 15.487 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	223210		
134	18.1	0.0	39.4	

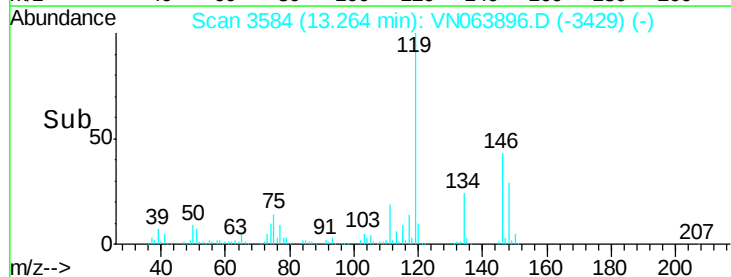
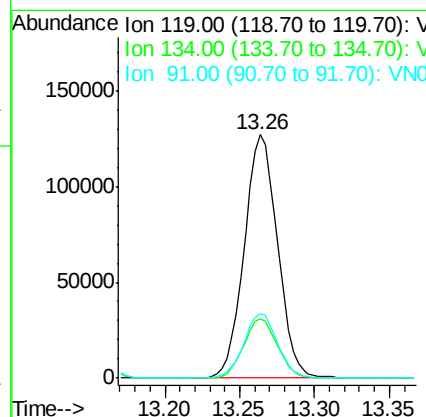
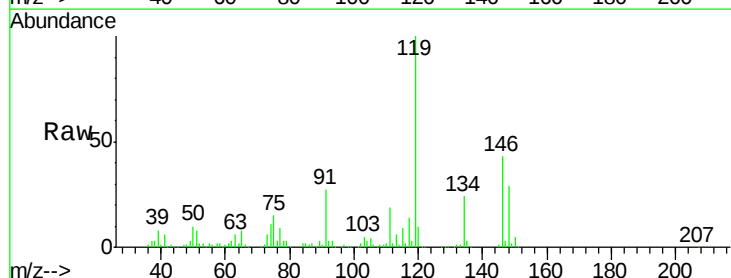
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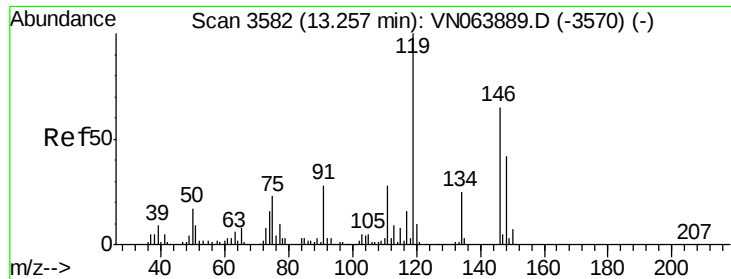
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#82
 p-Isopropyltoluene
 Concen: 15.096 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	196655		
134	24.8	0.0	52.2	
91	26.8	0.0	46.2	





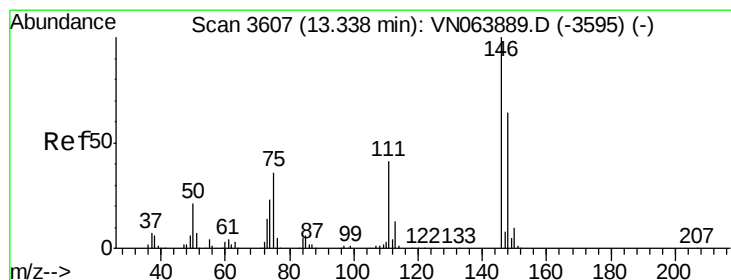
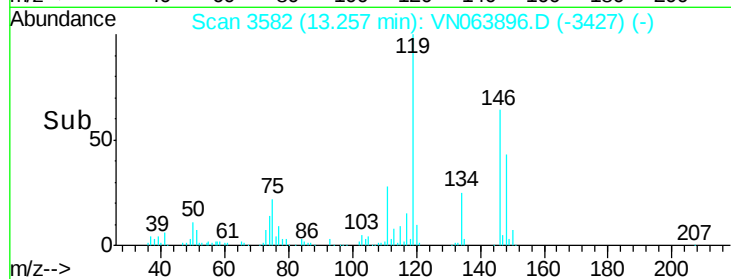
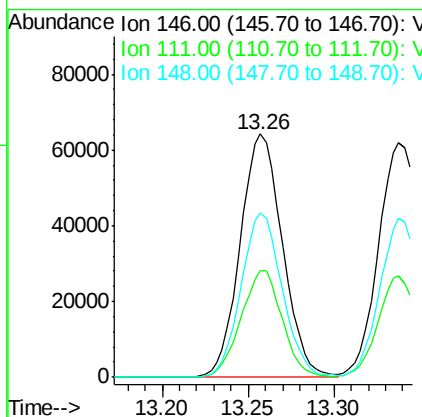
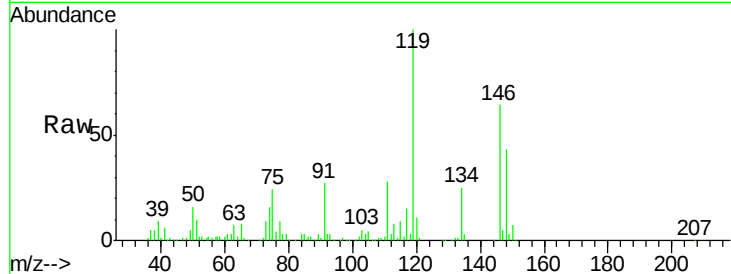
#83
 1,3-Dichlorobenzene
 Concen: 14.986 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	19.4	58.1
148	65.5	31.5	94.5

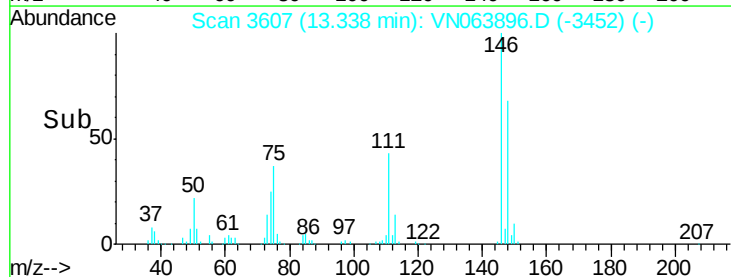
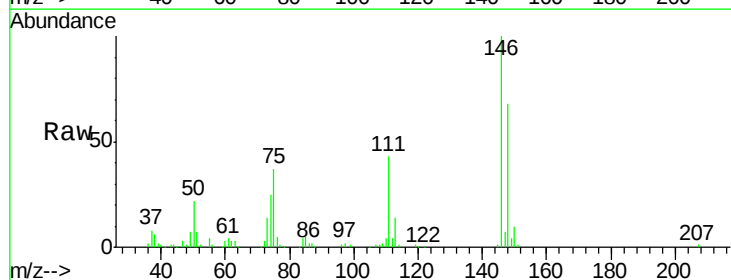
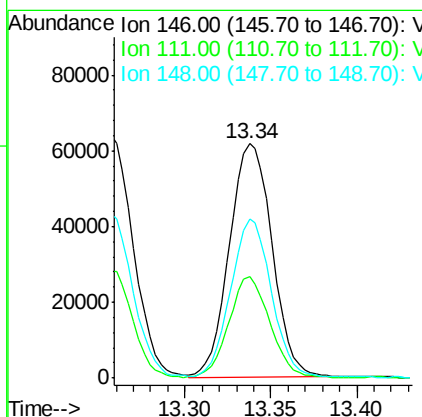
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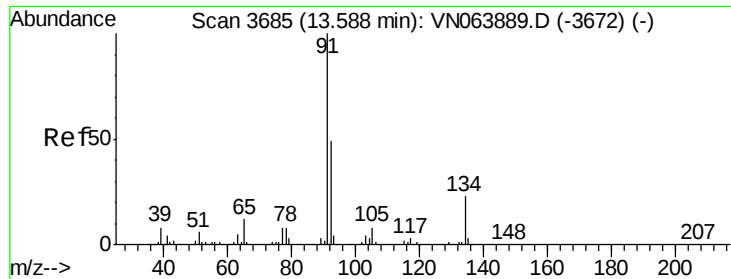
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#84
 1,4-Dichlorobenzene
 Concen: 14.651 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	18.6	55.8
148	65.6	31.6	94.8





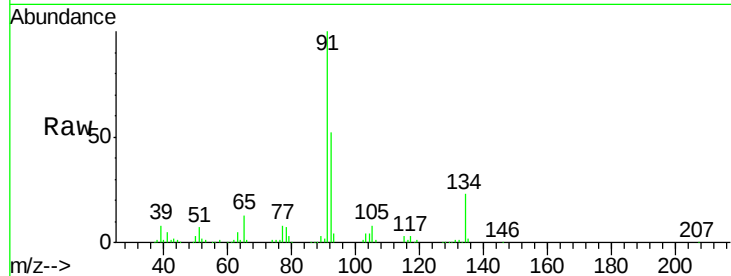
#85
n-Butylbenzene
Concen: 14.337 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS01

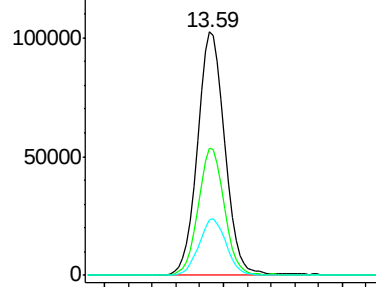
Tot Ion	Ratio	Resp	Lower	Upper
91	100	163408		
92	49.8	0.0	100.6	
134	23.0	0.0	47.4	

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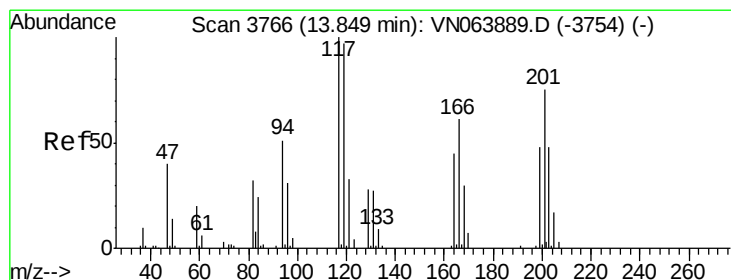
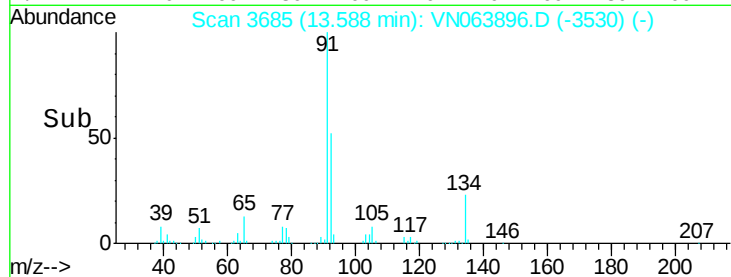
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Abundance Ion 91.00 (90.70 to 91.70): VN063889.D (-3672) (-)
Ion 92.00 (91.70 to 92.70): VN063889.D (-3672) (-)
Ion 134.00 (133.70 to 134.70): VN063889.D (-3672) (-)

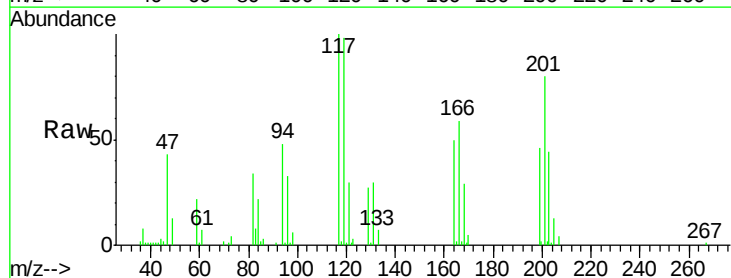


Time--> 13.50 13.60 13.70

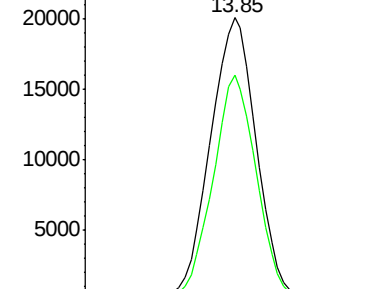


#86
Hexachloroethane
Concen: 14.998 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

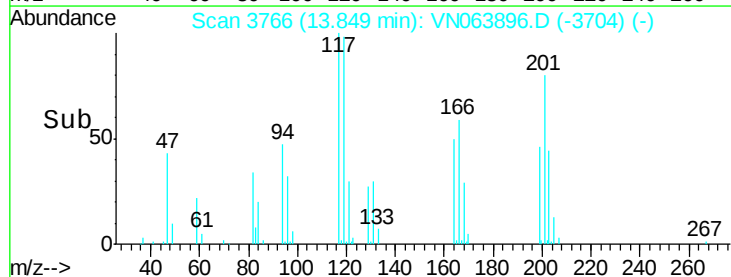
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	33671		
201	75.6	46.1	138.3	

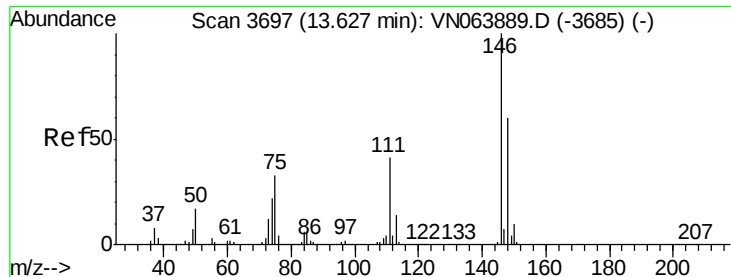


Abundance Ion 117.00 (116.70 to 117.70): VN063889.D (-3754) (-)
Ion 201.00 (200.70 to 201.70): VN063889.D (-3754) (-)



Time--> 13.80 13.85 13.90





#87

1,2-Dichlorobenzene

Concen: 15.074 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Instrument :

MSVOA_N

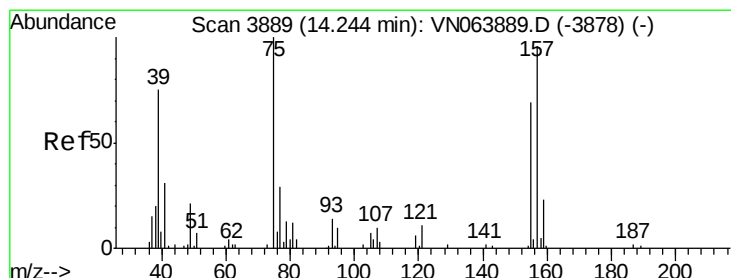
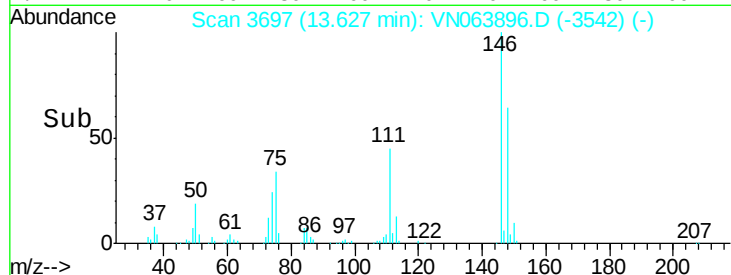
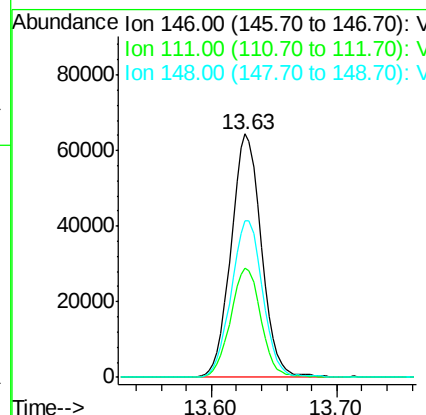
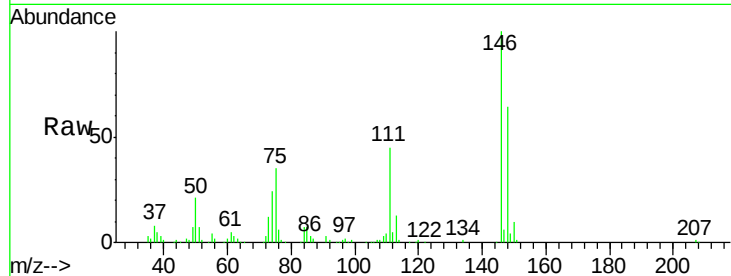
ClientSampleId :

VN1006WBS01

Tot Ion:	146	Resp:	108222
Ion Ratio	Lower	Upper	
146	100		
111	44.6	19.1	57.3
148	66.2	31.8	95.4

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#88

1,2-Dibromo-3-Chloropropane

Concen: 14.077 ug/l

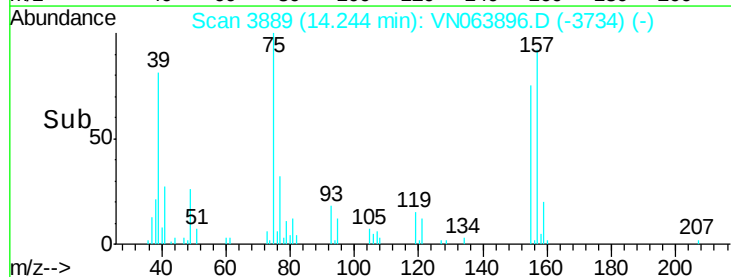
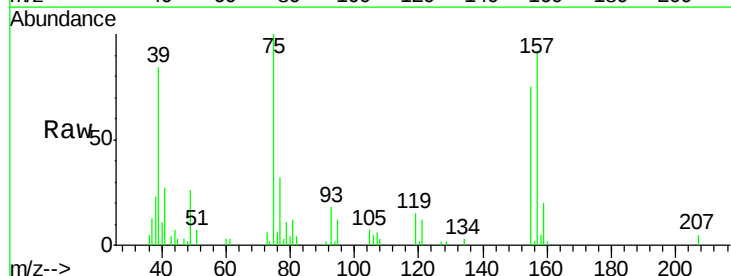
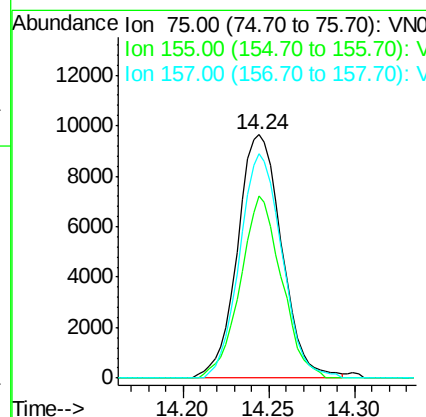
RT: 14.24 min Scan# 3889

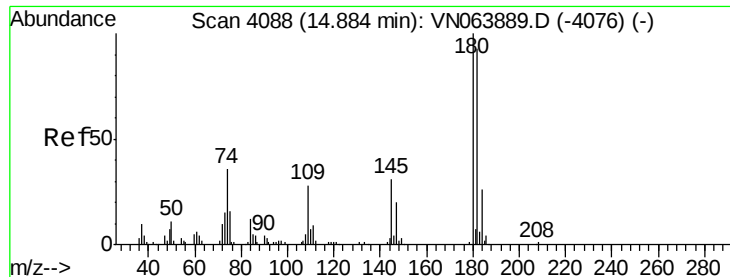
Delta R.T. -0.00 min

Lab File: VN063896.D

Acq: 6 Oct 2020 16:01

Tgt Ion:	75	Resp:	17257
Ion Ratio	Lower	Upper	
75	100		
155	69.4	64.8	97.2
157	88.2	81.2	121.8





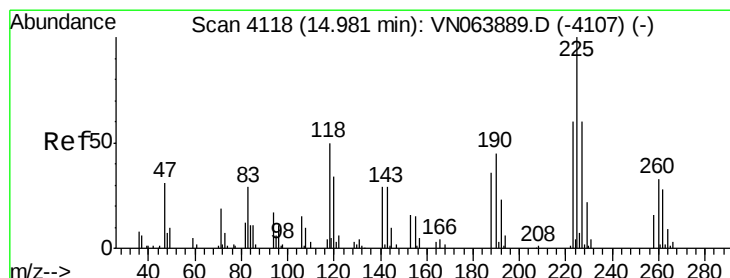
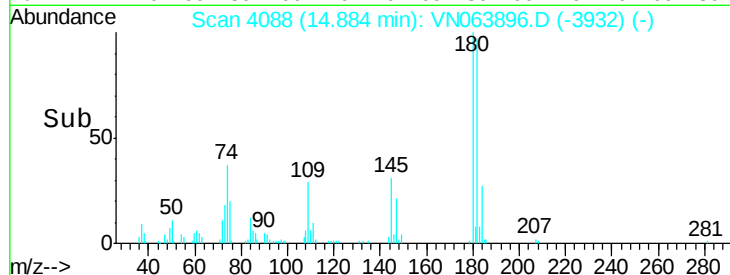
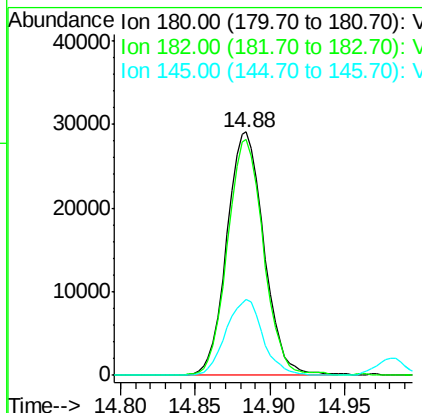
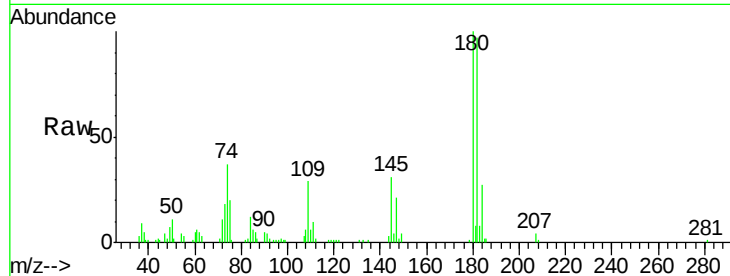
#89
 1,2,4-Trichlorobenzene
 Concen: 13.746 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.9	115.3
145	31.2	21.9	32.9

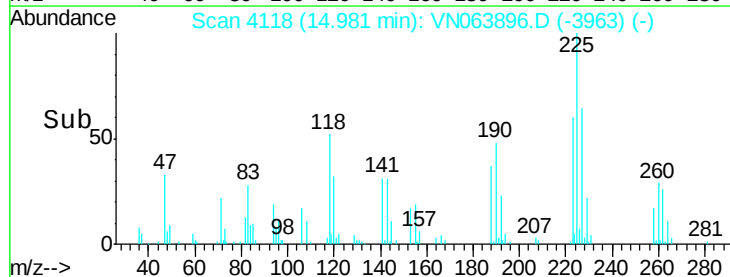
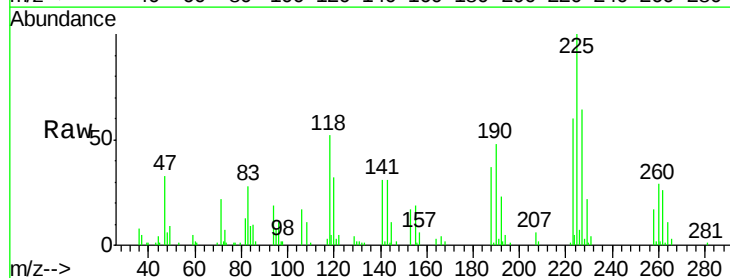
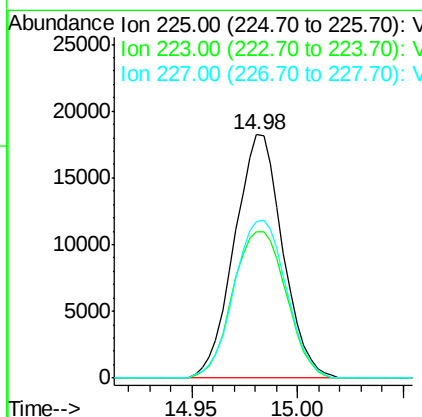
Manual Integrations
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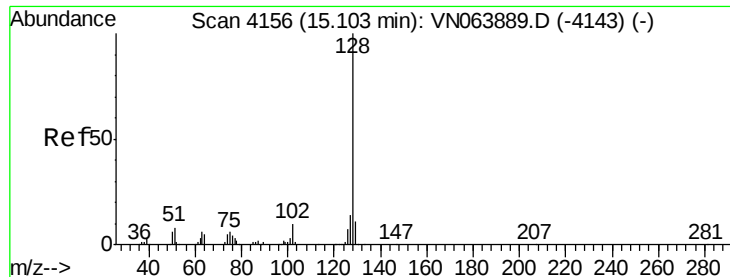
MMDadoda
 10/7/2020 12:11:41 PM



#90
 Hexachlorobutadiene
 Concen: 14.999 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063896.D
 Acq: 6 Oct 2020 16:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.5	0.0	122.8
227	70.1	0.0	125.6





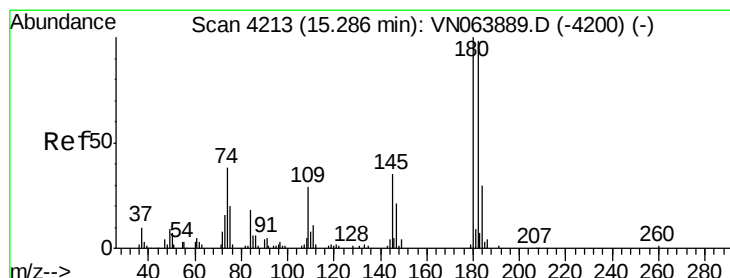
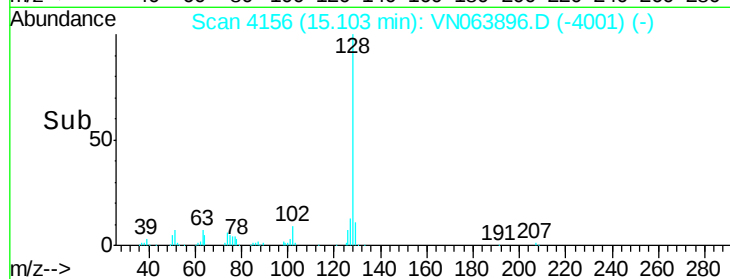
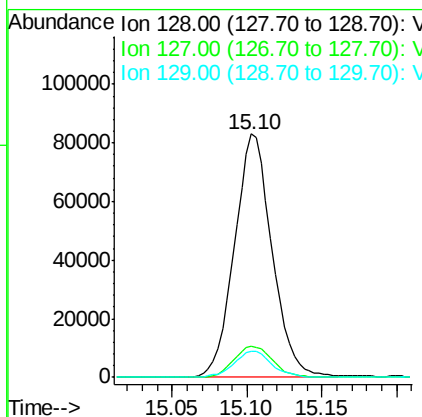
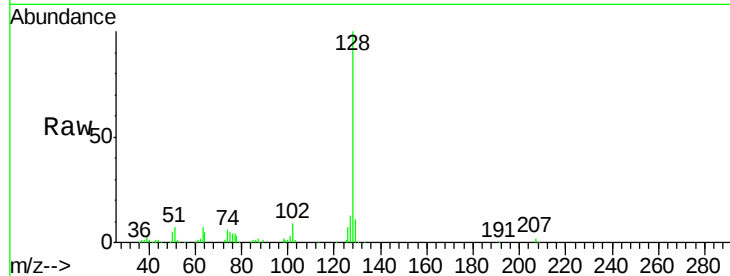
#91
Naphthalene
Concen: 13.018 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Instrument :
MSVOA_N
ClientSampled :
VN1006WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	11.1	16.7
129	10.8	8.4	12.6

Manual Integrations
APPROVED

MMDadoda
10/7/2020 12:11:41 PM



#92
1,2,3-Trichlorobenzene
Concen: 13.419 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN063896.D
Acq: 6 Oct 2020 16:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	0.0	188.0
145	36.9	0.0	62.0

