

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
 Data File : VN064035.D
 Acq On : 9 Oct 2020 14:03
 Operator : JC/MD
 Sample : VN1009WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD01

Manual Integrations
 APPROVED

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 10/12/2020 2:10:07 PM

Quant Time: Oct 10 01:48:29 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	47152	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	240728	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	225255	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	121482	28.69	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.63%
60) 4-Bromofluorobenzene	12.38	95	111855	29.04	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.80%
63) Toluene-d8	10.06	98	309835	30.35	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.17%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	58428	18.308	ug/l 99
3) Chloromethane	2.04	50	60795	18.408	ug/l 99
4) Vinyl Chloride	2.16	62	60256	18.340	ug/l 99
5) Bromomethane	2.54	94	35160	16.627	ug/l 99
6) Chloroethane	2.68	64	35584	17.265	ug/l 97
7) Trichlorofluoromethane	2.99	101	92018	17.742	ug/l 97
8) Diethyl Ether	3.38	74	30145	17.951	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	48153	17.868	ug/l 94
10) 1,1-Dichloroethene	3.70	96	45297	17.902	ug/l 84
11) Methyl Iodide	3.91	142	55735	17.264	ug/l 93
12) Methyl Acetate	4.28	43	56763	18.228	ug/l 96
13) Acrolein	3.57	56	20905	68.970	ug/l 97
14) Acrylonitrile	4.93	53	111585	87.154	ug/l 98
15) Acetone	3.78	58	35407	95.537	ug/l # 59
16) Carbon Disulfide	4.01	76	131736	17.556	ug/l 97
17) Allyl chloride	4.28	41	91517	19.433	ug/l 86
18) Methylene Chloride	4.50	84	54893	18.100	ug/l 89
19) trans-1,2-Dichloroethene	4.99	96	50494	17.668	ug/l 94
20) Diisopropyl ether	5.90	45	177247	18.723	ug/l # 93
21) 1,1-Dichloroethane	5.80	63	102858	17.947	ug/l 100
22) cis-1,2-Dichloroethene	6.78	96	57272	17.652	ug/l 90
23) tert-Butyl Alcohol	4.72	59	41113	74.861	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	151070	17.797	ug/l 96
25) Chloroform	7.33	83	104697	17.423	ug/l 96
26) Cyclohexane	7.61	56	73363	17.772	ug/l # 97
29) 1,1-Dichloropropene	7.75	75	73565	17.451	ug/l 98
30) 2-Butanone	6.78	43	181743	87.898	ug/l 95
31) 2,2-Dichloropropane	6.78	77	89059	17.677	ug/l 98
32) 1,1,1-Trichloroethane	7.53	97	94473	17.566	ug/l 97
33) Carbon Tetrachloride	7.73	117	79423	16.856	ug/l 91
34) Benzene	8.00	78	217302	18.130	ug/l 97
35) Methacrylonitrile	7.12	41	31378	15.967	ug/l 93
36) 1,2-Dichloroethane	8.08	62	93045	17.668	ug/l 95
37) Trichloroethene	8.80	130	53476	17.028	ug/l 91
38) Methylcyclohexane	9.05	83	64040	17.992	ug/l 99
39) 1,2-Dichloropropane	9.08	63	60031	18.433	ug/l 99
40) Dibromomethane	9.17	93	39140	17.208	ug/l 91

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 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)
41) Bromodichloromethane	9.37	83	85262	18.035	ug/l	96
42) Vinyl Acetate	5.84	43	788814	91.922	ug/l	97
43) Ethyl Acetate	6.88	43	75243	16.993	ug/l #	82
44) Isopropyl Acetate	8.13	43	126857	17.287	ug/l #	90
45) 1,4-Dioxane	9.16	88	13829	293.936	ug/l #	86
46) Methyl methacrylate	9.17	41	62954	17.243	ug/l	88
47) n-amyl Acetate	12.05	43	104214	15.973	ug/l	96
48) t-1,3-Dichloropropene	10.35	75	88803	17.383	ug/l	99
49) cis-1,3-Dichloropropene	9.81	75	96220	18.163	ug/l #	87
50) 1,1,2-Trichloroethane	10.53	97	53997	17.778	ug/l	95
51) Ethyl methacrylate	10.40	69	74825	16.984	ug/l	79
52) 1,3-Dichloropropane	10.68	76	94704	18.203	ug/l	99
53) Dibromochloromethane	10.87	129	60336	17.260	ug/l	98
54) 1,2-Dibromoethane	10.98	107	55135	17.314	ug/l	98
55) 2-Chloroethyl vinyl ether	9.66	63	195537	83.175	ug/l	100
56) Bromoform	12.10	173	38763	16.003	ug/l	95
58) 4-Methyl-2-Pentanone	9.95	43	388101	88.777	ug/l	93
59) 2-Hexanone	10.72	43	275924	84.738	ug/l	93
61) Tetrachloroethene	10.60	164	51160	17.903	ug/l	92
62) Toluene	10.13	91	235026	18.167	ug/l	99
64) Chlorobenzene	11.41	112	139927	17.845	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.48	131	55798	18.195	ug/l	96
66) Ethyl Benzene	11.48	91	248705	17.506	ug/l	98
67) m/p-Xylenes	11.59	106	186830	35.364	ug/l	96
68) o-Xylene	11.92	106	87304	17.345	ug/l	93
69) Styrene	11.94	104	149828	17.445	ug/l	95
70) Isopropylbenzene	12.23	105	232215	17.362	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.48	83	75965	17.968	ug/l	99
72) 1,2,3-Trichloropropane	12.53	75	70641m	16.387	ug/l	
73) Bromobenzene	12.50	156	58567	17.277	ug/l	89
74) n-propylbenzene	12.57	91	268947	17.202	ug/l	99
75) 2-Chlorotoluene	12.65	91	167860	17.601	ug/l	98
76) 1,3,5-Trimethylbenzene	12.71	105	197013	17.468	ug/l	97
77) t-1,4-Dichloro-2-butene	12.28	75	23920	15.600	ug/l	83
78) 4-Chlorotoluene	12.75	91	174346	17.264	ug/l	99
79) tert-butylbenzene	12.97	119	157089	17.385	ug/l	97
80) 1,2,4-Trimethylbenzene	13.02	105	192106	16.991	ug/l	100
81) sec-Butylbenzene	13.15	105	207211	17.447	ug/l	96
82) p-Isopropyltoluene	13.26	119	181285	16.888	ug/l	95
83) 1,3-Dichlorobenzene	13.26	146	100519	16.673	ug/l	98
84) 1,4-Dichlorobenzene	13.34	146	97982	16.361	ug/l	96
85) n-Butylbenzene	13.59	91	151971	16.182	ug/l	99
86) Hexachloroethane	13.85	117	31948	17.269	ug/l	81
87) 1,2-Dichlorobenzene	13.63	146	99457	16.812	ug/l	96
88) 1,2-Dibromo-3-Chloropropan	14.24	75	15834	15.674	ug/l	87
89) 1,2,4-Trichlorobenzene	14.88	180	42013	13.971	ug/l	96
90) Hexachlorobutadiene	14.98	225	27726	17.408	ug/l	99
91) Naphthalene	15.10	128	121126	13.167	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	41213	14.071	ug/l	95

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MSVOA_N
ClientSampleId :
VN1009WBSD01

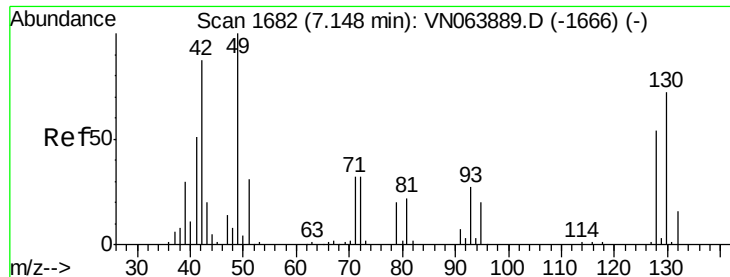
Manual Integrations
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QLast Update : Tue Oct 06 16:42:38 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



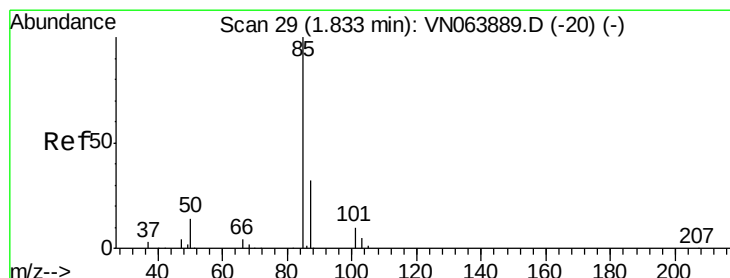
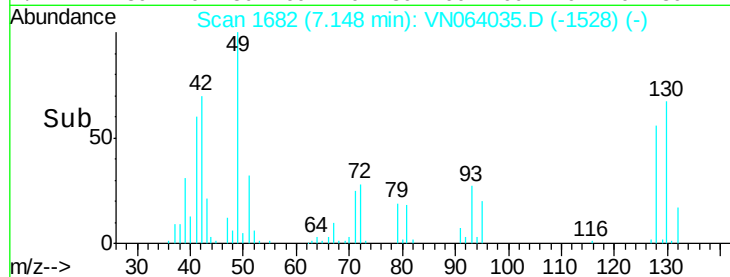
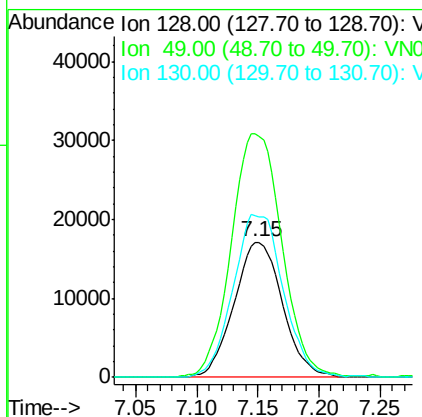
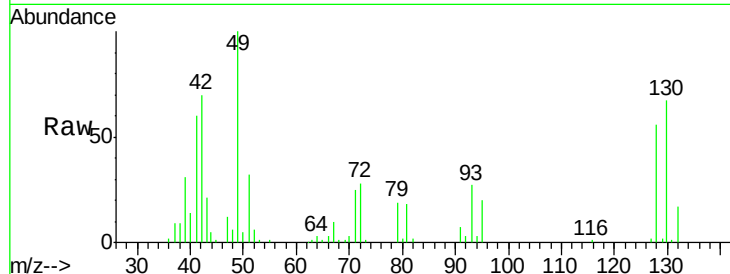
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
49	187.9	0.0	437.5
130	68.5	0.0	327.3

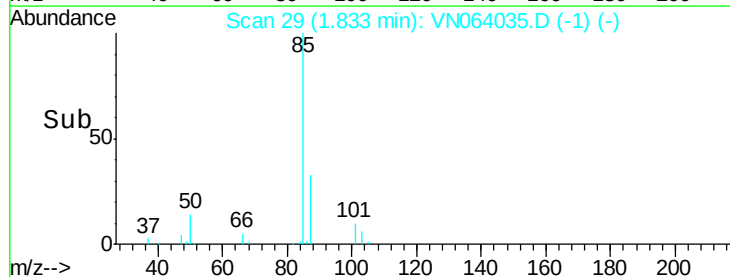
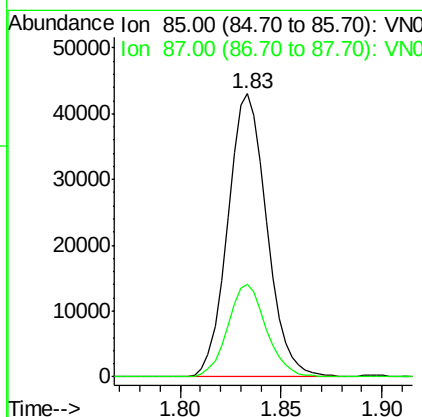
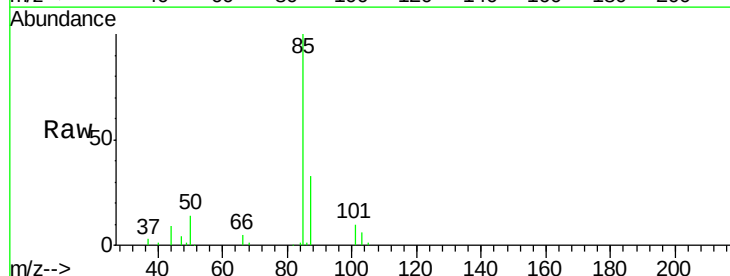
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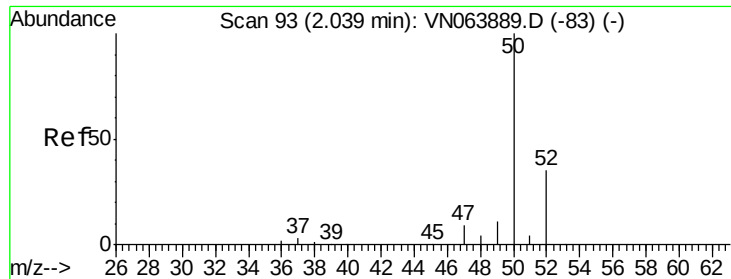
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#2
Dichlorodifluoromethane
Concen: 18.308 ug/l
RT: 1.83 min Scan# 29
Delta R.T. 0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.9	50.6





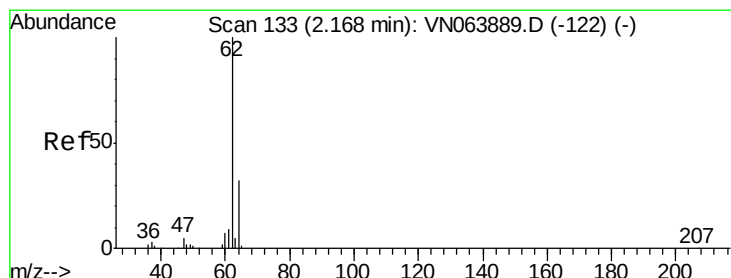
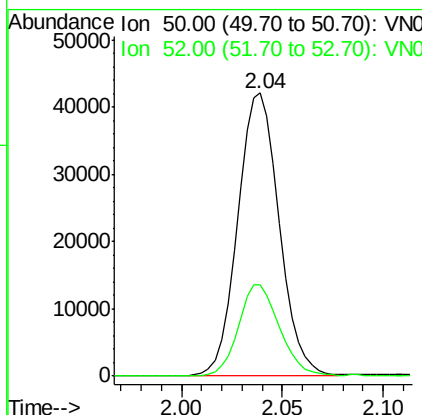
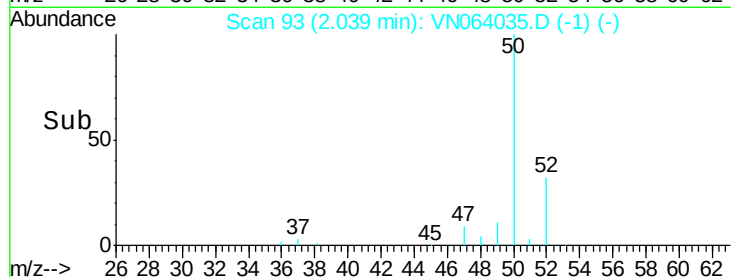
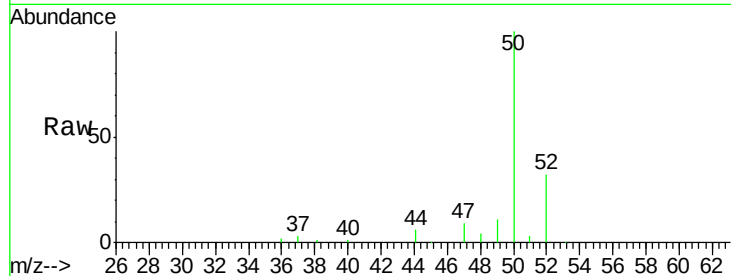
#3
Chloromethane
Concen: 18.408 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.01 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

Tot Ion: 50 Resp: 60795
Ion Ratio Lower Upper
50 100
52 32.2 26.0 39.0

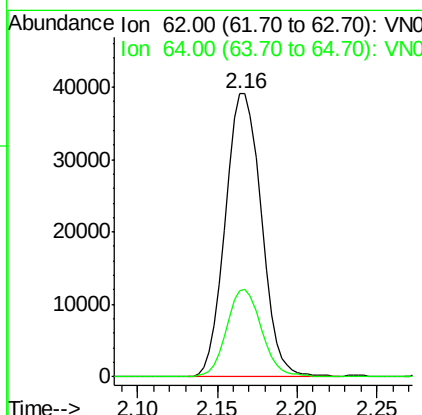
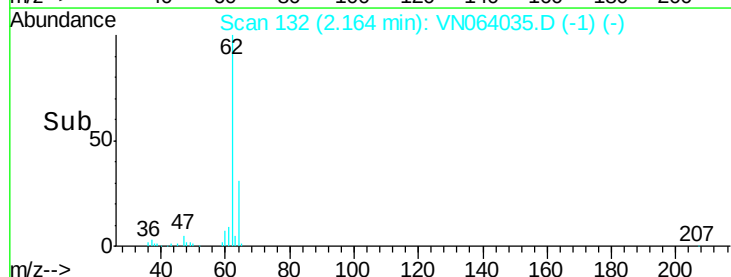
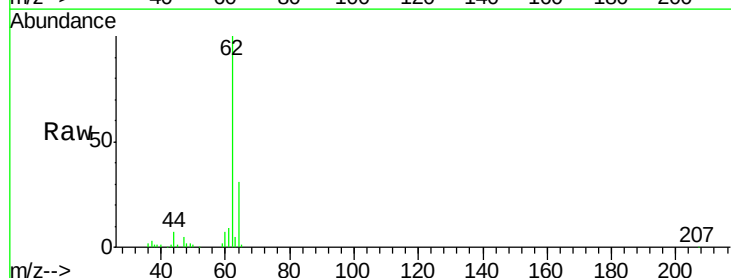
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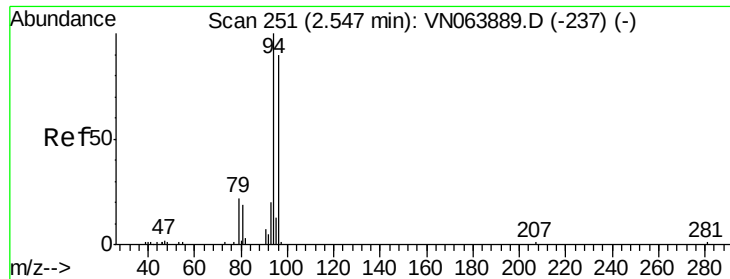
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#4
Vinyl Chloride
Concen: 18.340 ug/l
RT: 2.16 min Scan# 132
Delta R.T. 0.01 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Tgt Ion: 62 Resp: 60256
Ion Ratio Lower Upper
62 100
64 30.6 25.0 37.4





#5

Bromomethane

Concen: 16.627 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD01

Tot Ion: 94 Resp: 35160

Ion Ratio Lower Upper

94 100

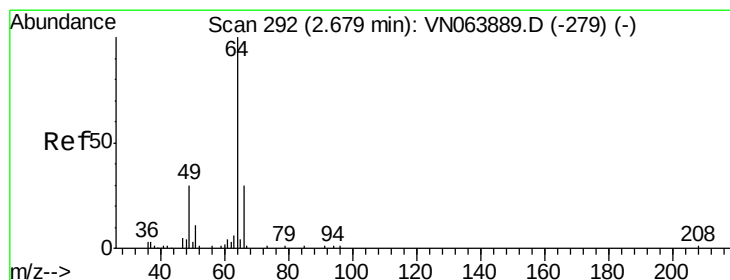
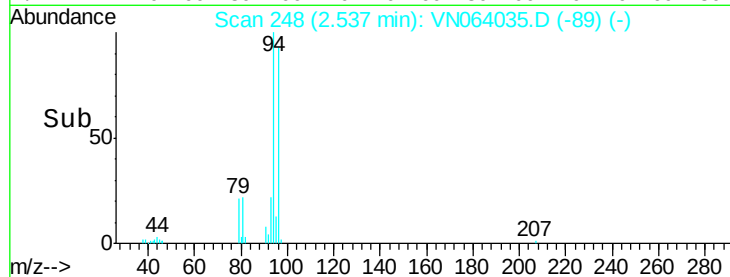
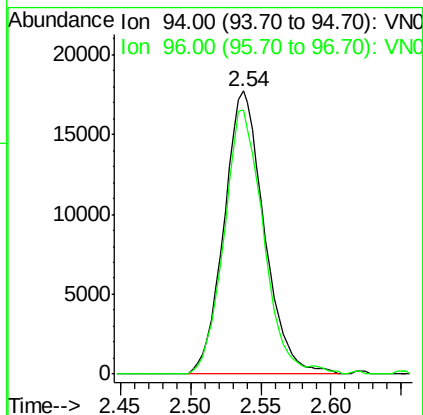
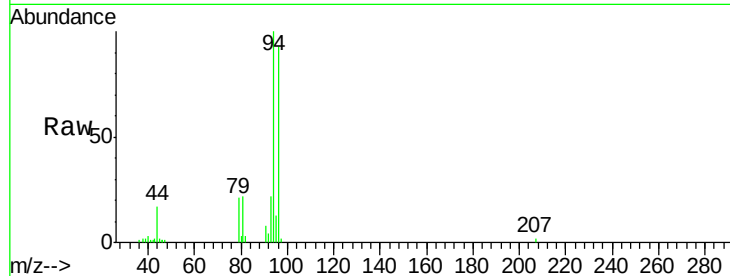
96 93.4 74.0 111.0

Manual Integrations

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#6

Chloroethane

Concen: 17.265 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VN064035.D

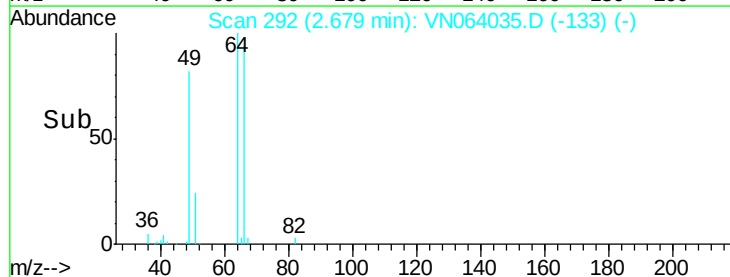
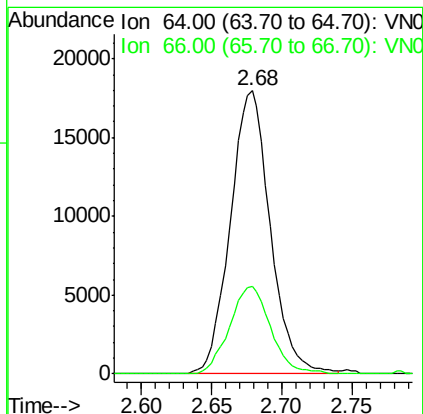
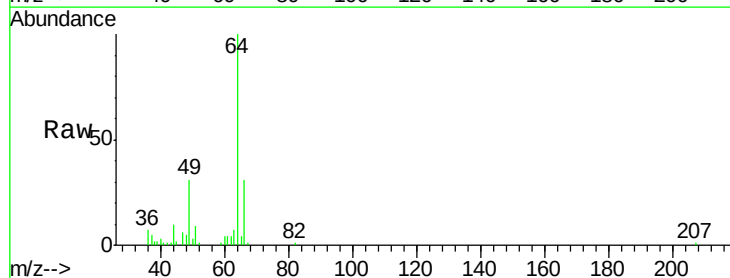
Acq: 9 Oct 2020 14:03

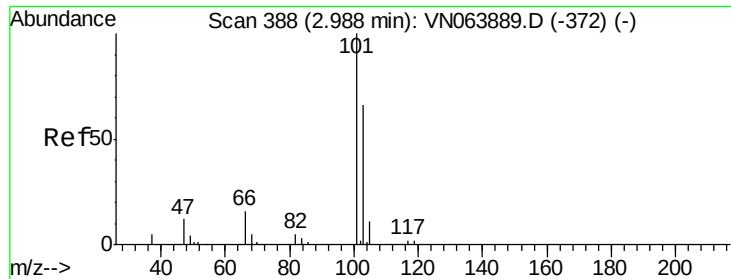
Tgt Ion: 64 Resp: 35584

Ion Ratio Lower Upper

64 100

66 30.8 25.8 38.8





#7

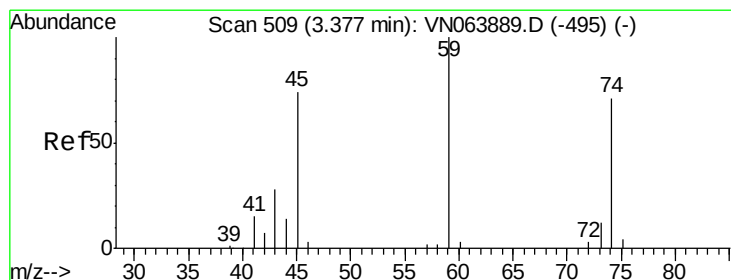
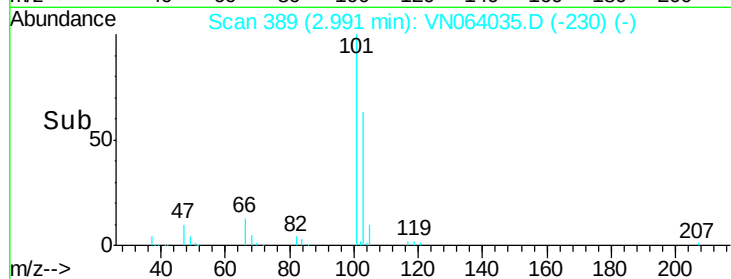
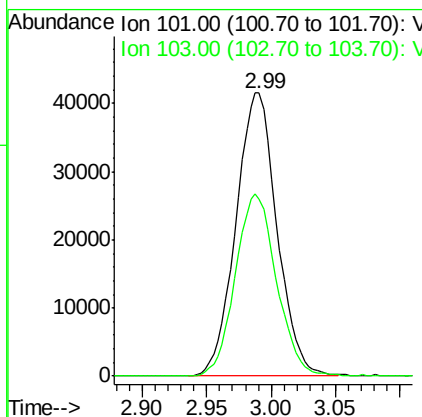
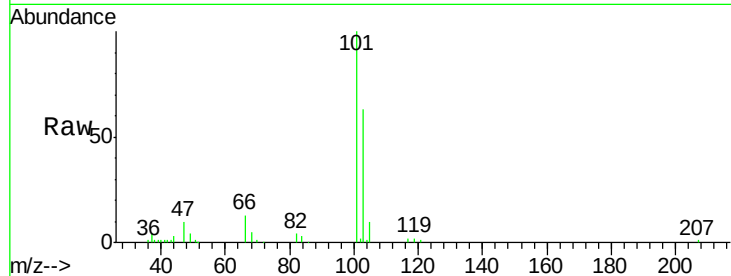
Trichlorofluoromethane
 Concen: 17.742 ug/l
 RT: 2.99 min Scan# 389
 Delta R.T. 0.01 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Instrument :
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 ClientSampleId :
 VN1009WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	51.9	77.9

Manual Integrations
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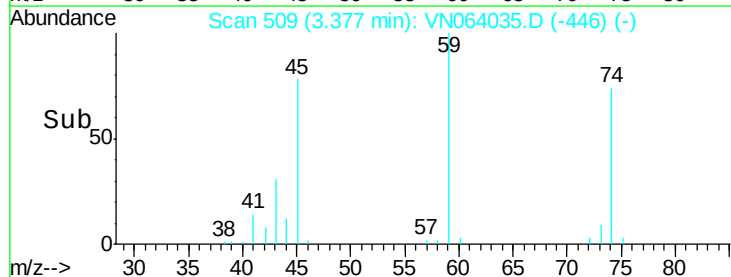
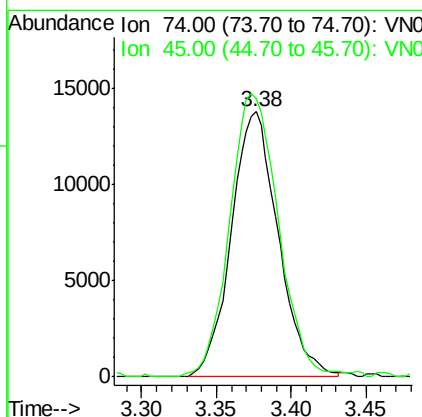
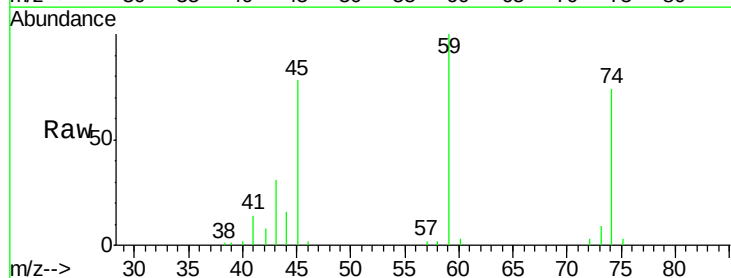
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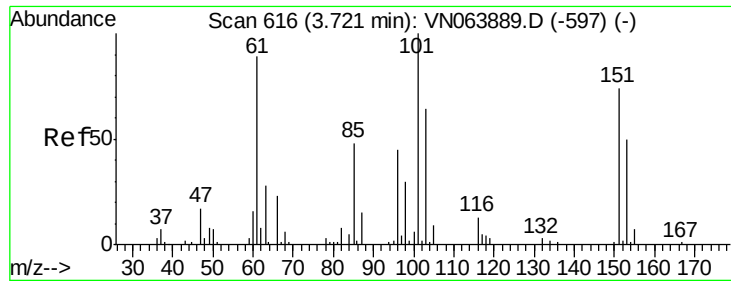


#8

Diethyl Ether
 Concen: 17.951 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.4	20.6	185.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.868 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

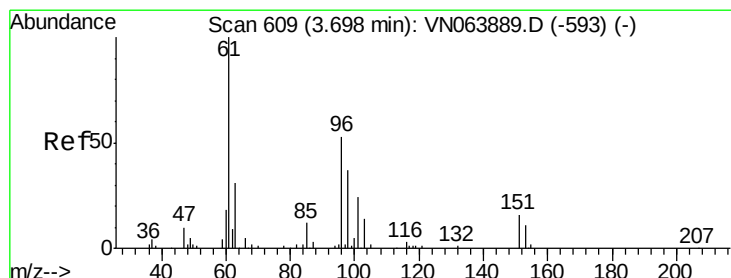
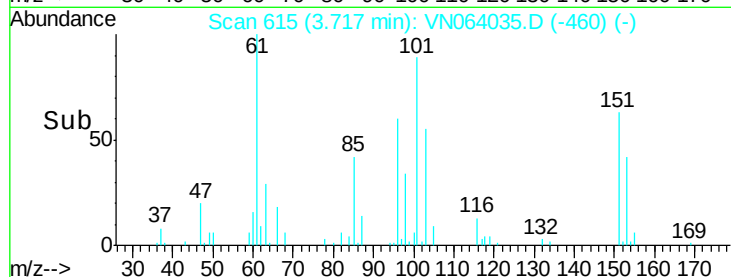
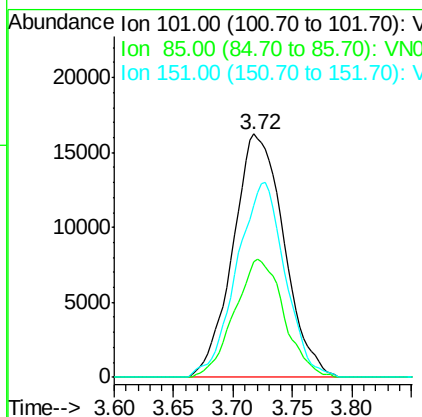
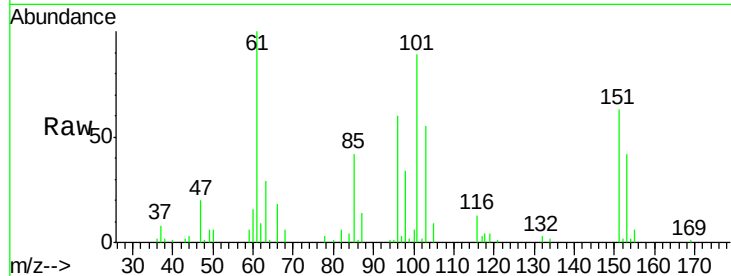
ClientSampleId :

VN1009WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
85	47.0	0.0	85.0
151	76.1	0.0	161.6

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#10

1,1-Dichloroethene

Concen: 17.902 ug/l

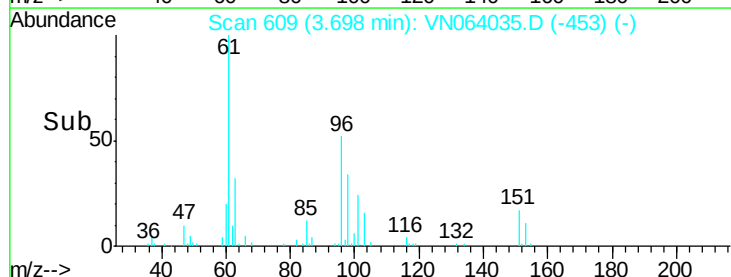
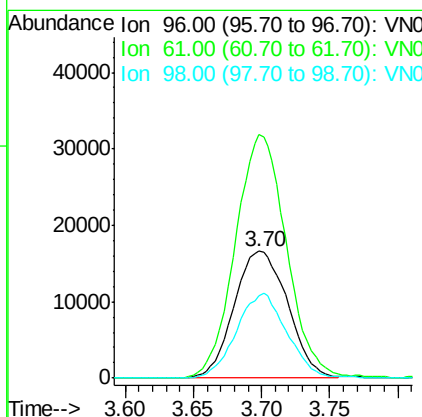
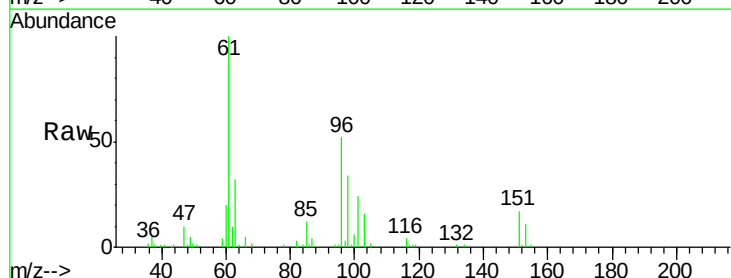
RT: 3.70 min Scan# 609

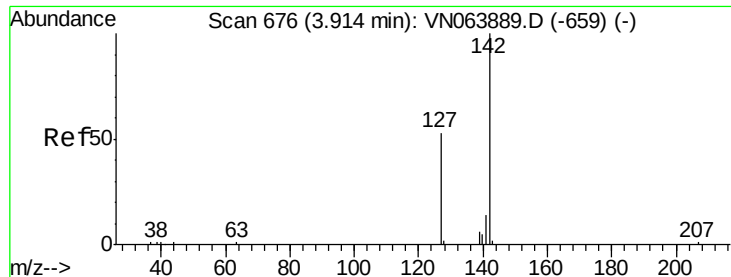
Delta R.T. 0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	190.7	130.8	196.2
98	64.5	49.0	73.4





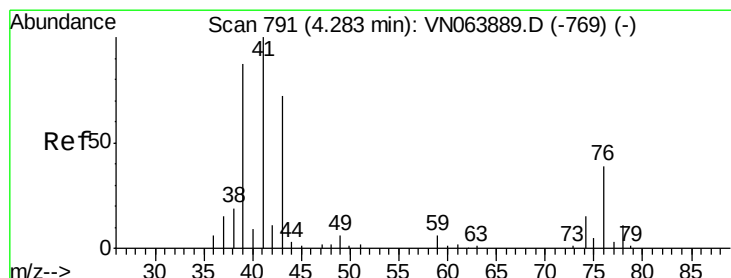
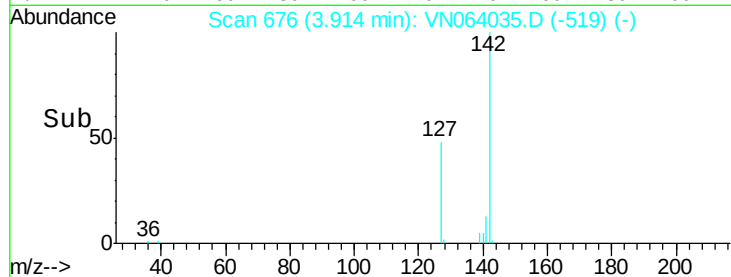
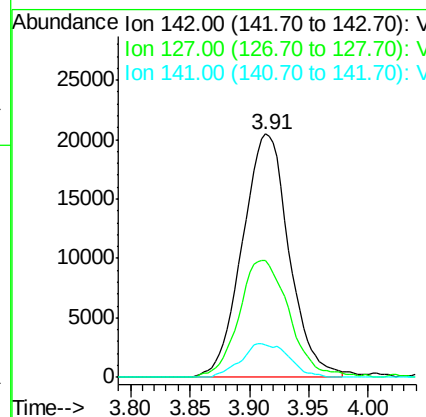
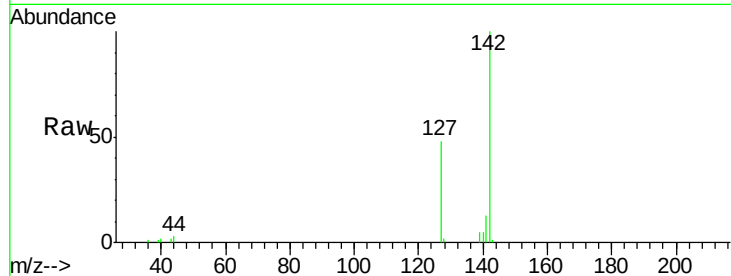
#11
Methyl Iodide
Concen: 17.264 ug/l
RT: 3.91 min Scan# 676
Delta R.T. 0.01 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	47.5	20.9	62.8
141	13.4	6.7	20.1

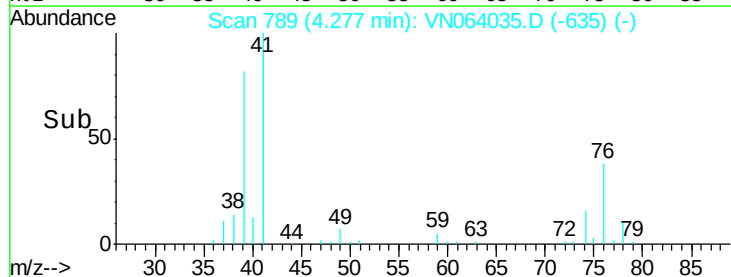
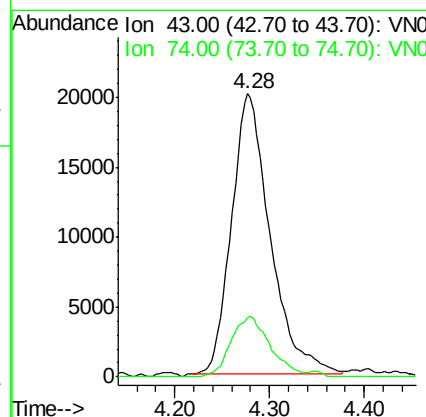
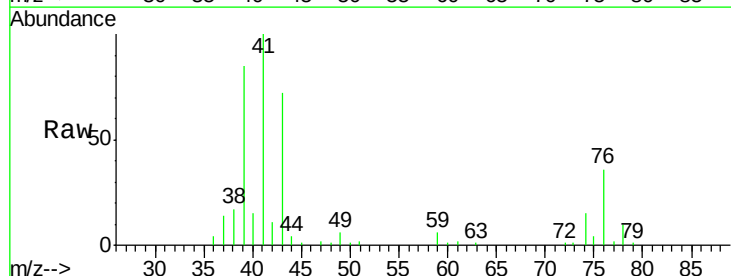
Manual Integrations
APPROVED

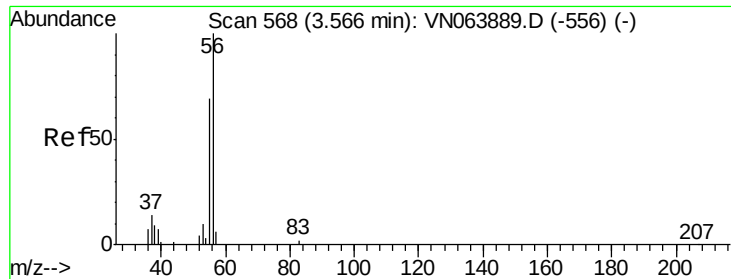
MMDadoda
10/12/2020 2:10:07 PM



#12
Methyl Acetate
Concen: 18.228 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.2	18.6	27.8





#13

Acrolein

Concen: 68.970 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD01

Tot Ion: 56 Resp: 20905

Ion Ratio Lower Upper

56 100

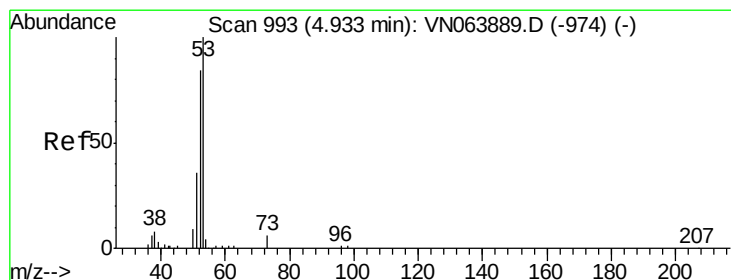
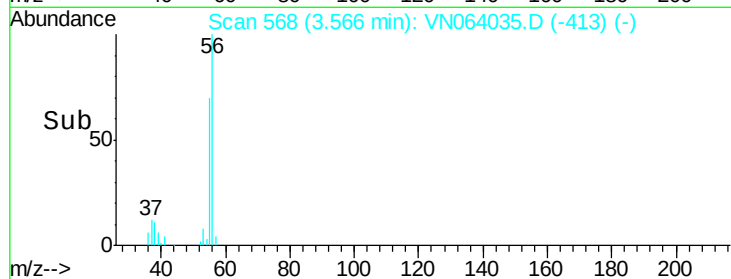
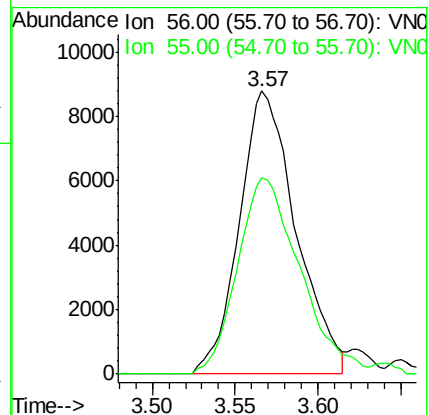
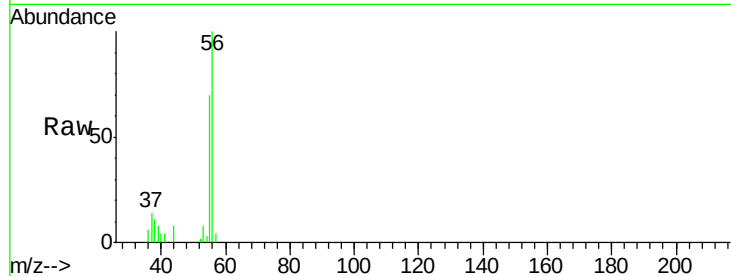
55 76.2 58.7 88.1

Manual Integrations

APPROVED

MMDadoda

10/12/2020 2:10:07 PM



#14

Acrylonitrile

Concen: 87.154 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

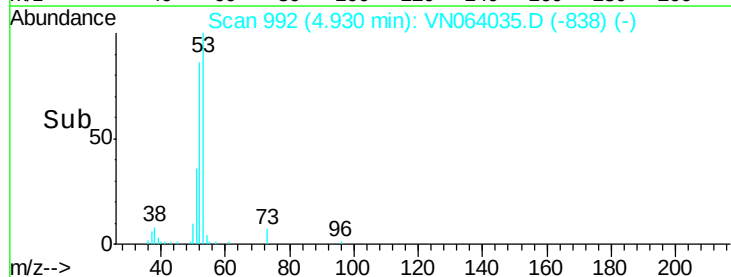
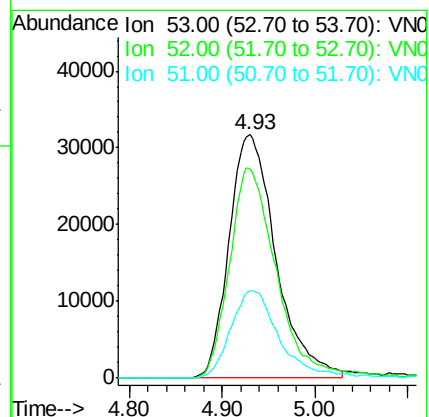
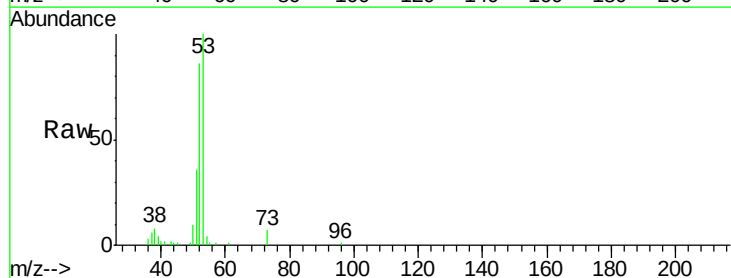
Tgt Ion: 53 Resp: 111585

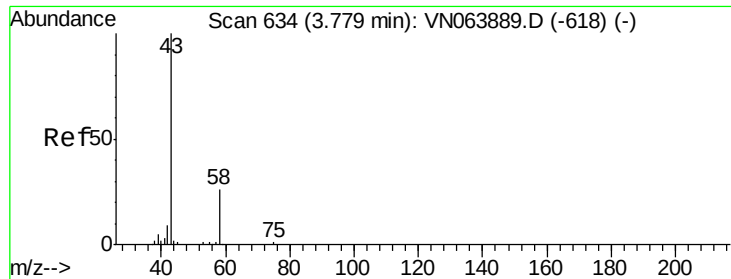
Ion Ratio Lower Upper

53 100

52 81.4 39.9 119.7

51 35.7 17.0 51.0





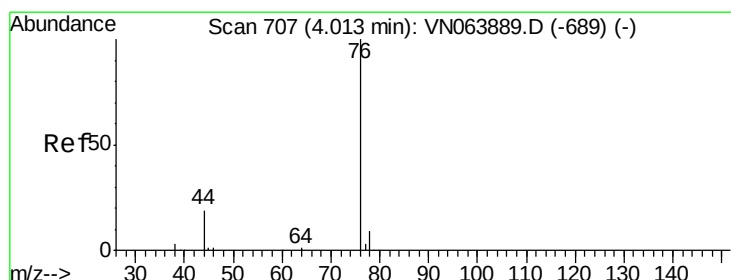
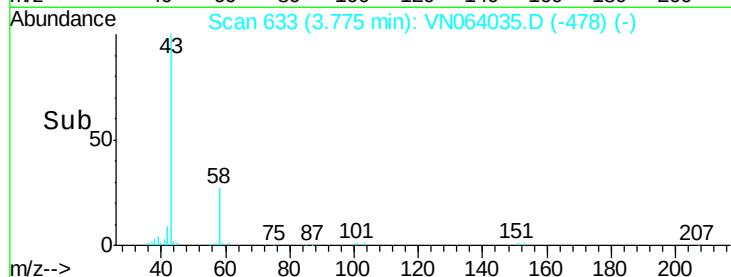
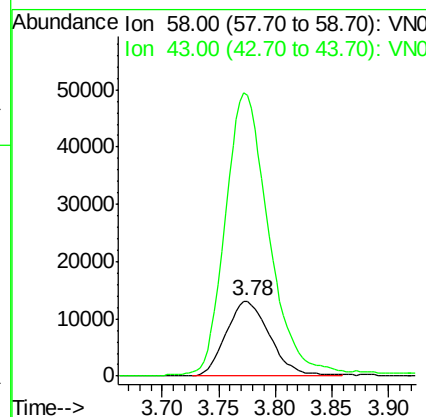
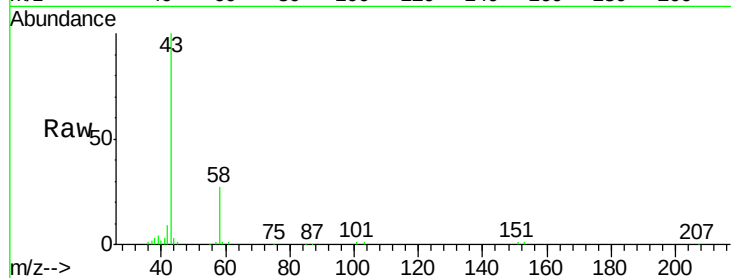
#15
Acetone
Concen: 95.537 ug/l
RT: 3.78 min Scan# 633
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

Tot Ion: 58 Resp: 35407
Ion Ratio Lower Upper
58 100
43 370.2 233.2 349.8#

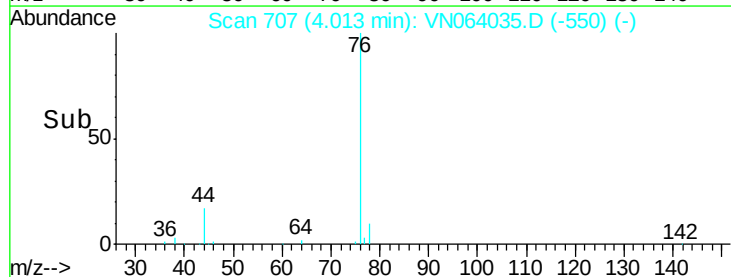
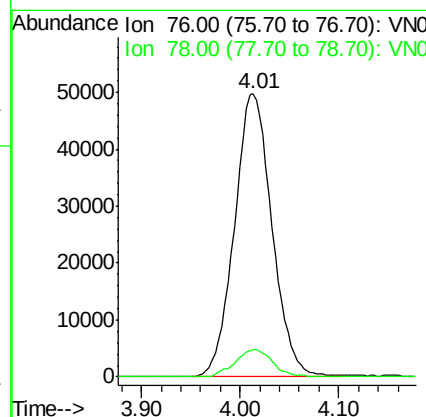
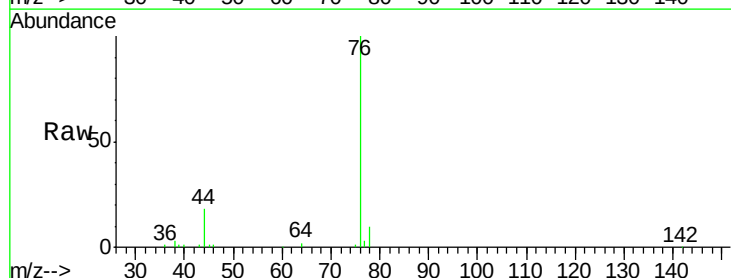
Manual Integrations
APPROVED

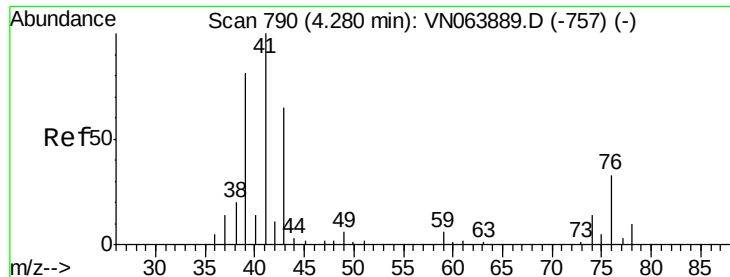
MMDadoda
10/12/2020 2:10:07 PM



#16
Carbon Disulfide
Concen: 17.556 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.01 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Tgt Ion: 76 Resp: 131736
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.4





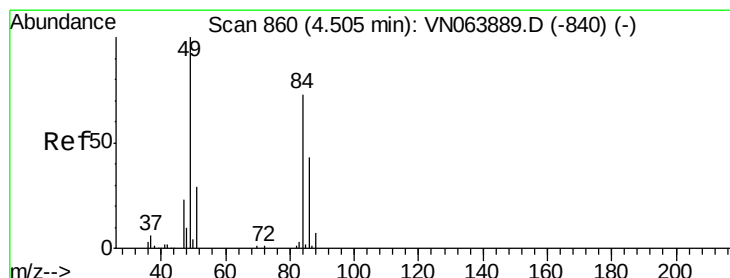
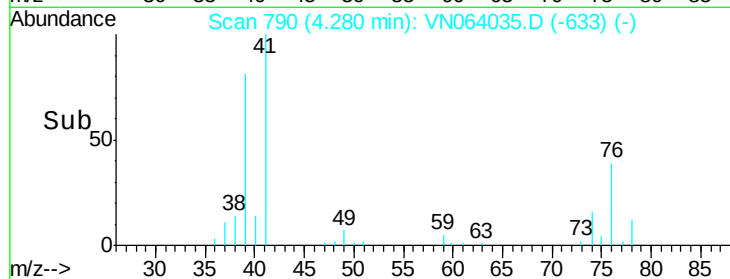
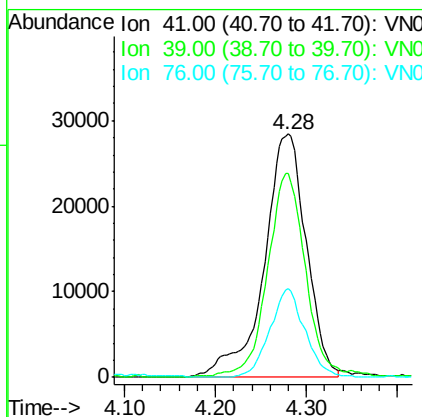
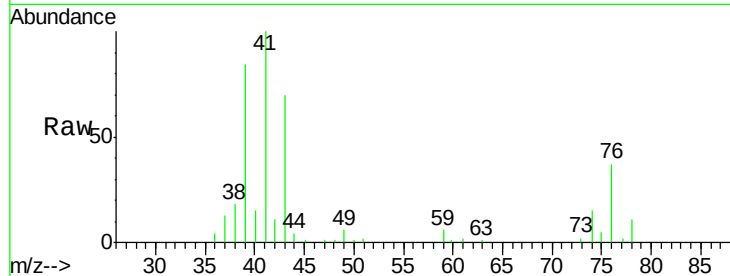
#17
Allvl chloride
Concen: 19.433 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.01 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	84.0	33.8	101.4
76	36.7	19.4	58.4

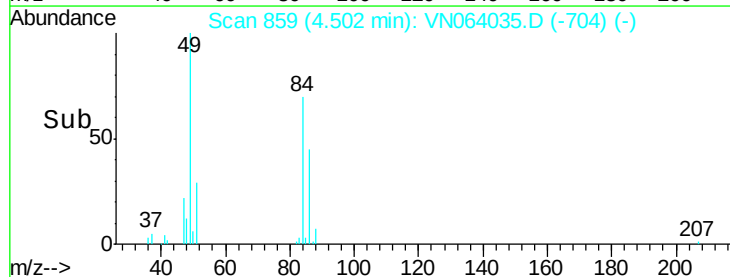
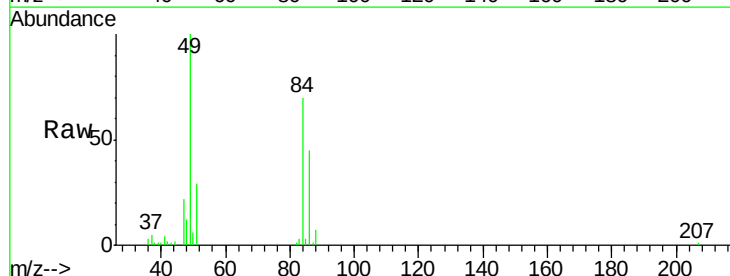
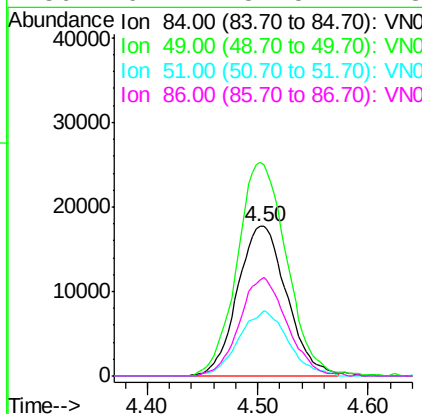
Manual Integrations
APPROVED

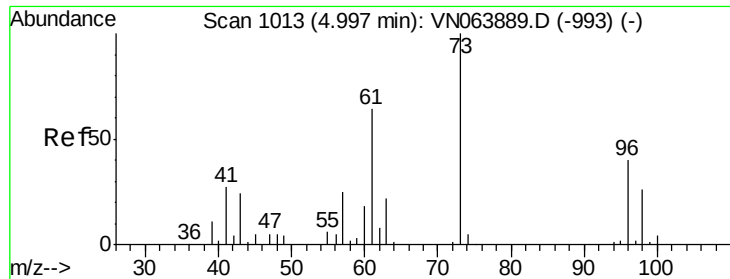
MMDadoda
10/12/2020 2:10:07 PM



#18
Methylene Chloride
Concen: 18.100 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
84	100		
49	142.6	97.8	146.8
51	41.2	30.7	46.1
86	64.1	51.5	77.3





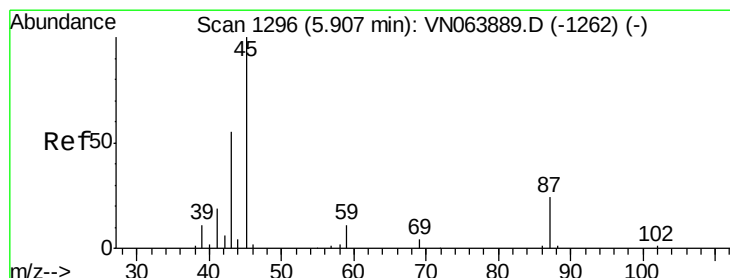
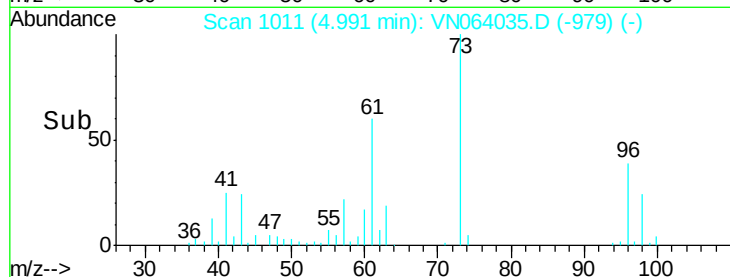
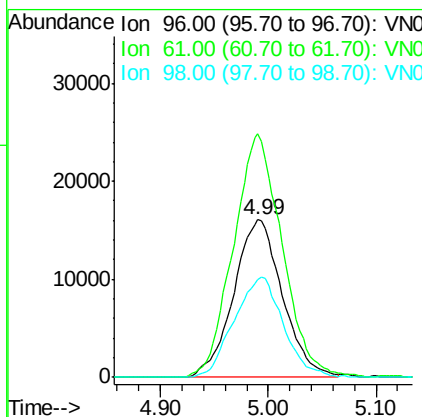
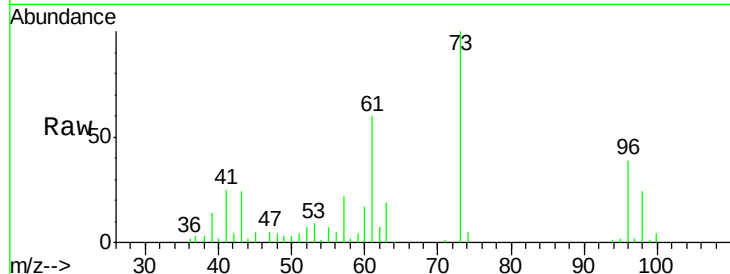
#19
trans-1,2-Dichloroethene
Concen: 17.668 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.3	115.9	173.9
98	62.2	53.3	79.9

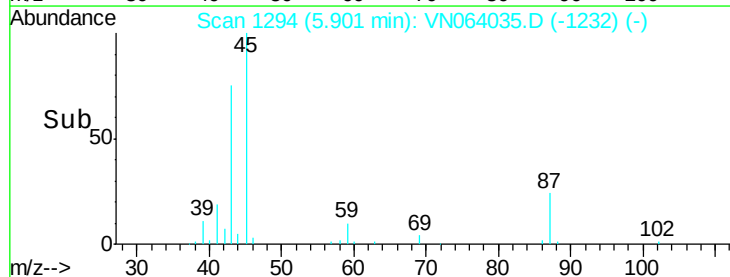
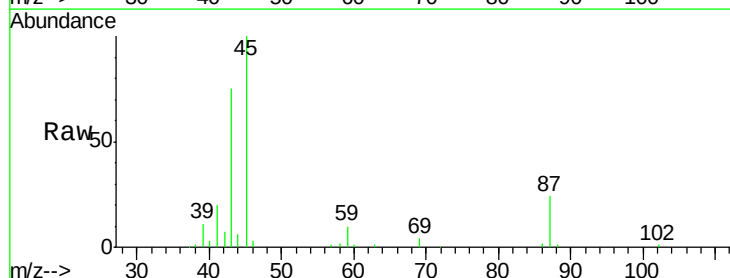
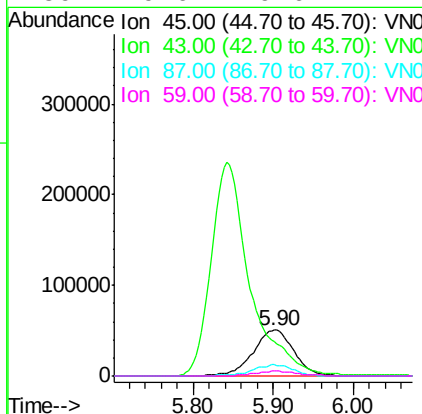
Manual Integrations
APPROVED

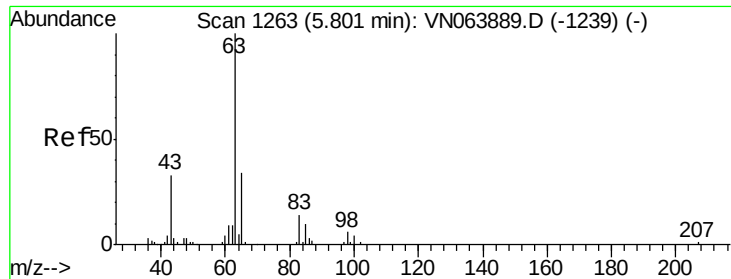
MMDadoda
10/12/2020 2:10:07 PM



#20
Diisopropyl ether
Concen: 18.723 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
45	100		
43	70.8	51.8	77.6
87	23.8	21.8	32.6
59	9.6	9.6	14.4#





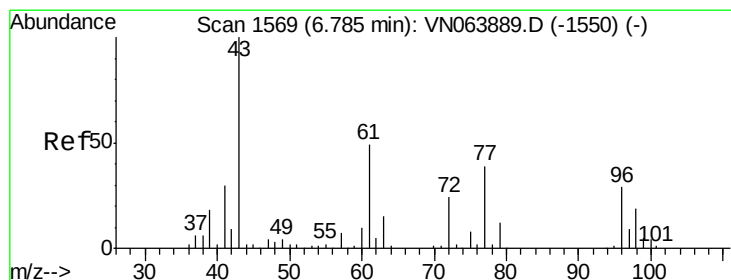
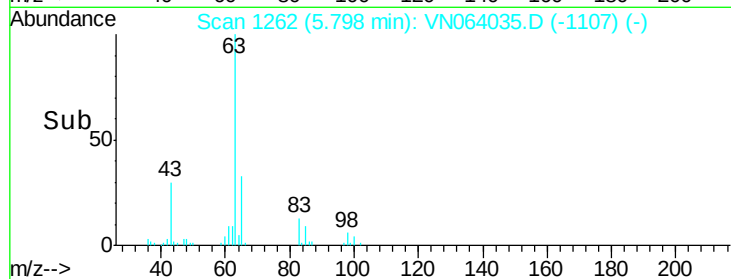
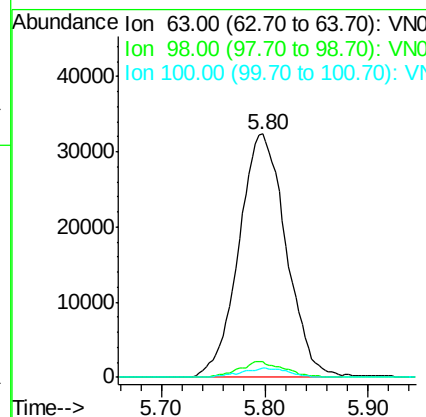
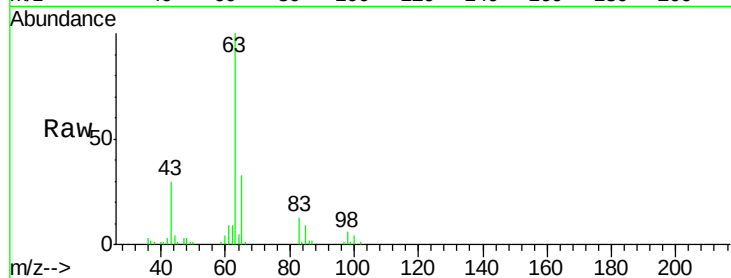
#21
 1,1-Dichloroethane
 Concen: 17.947 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
63	100			
98	6.3	3.1	9.3	
100	3.7	1.8	5.3	

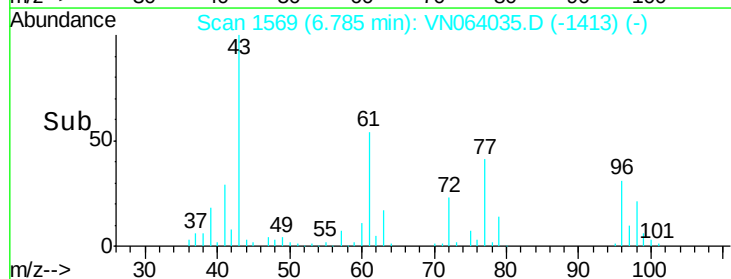
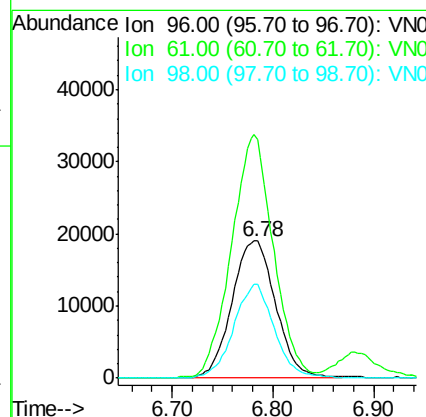
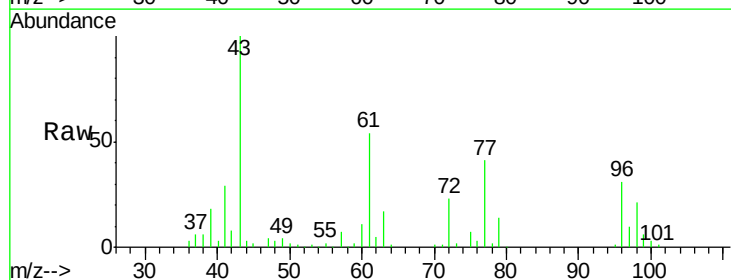
Manual Integrations
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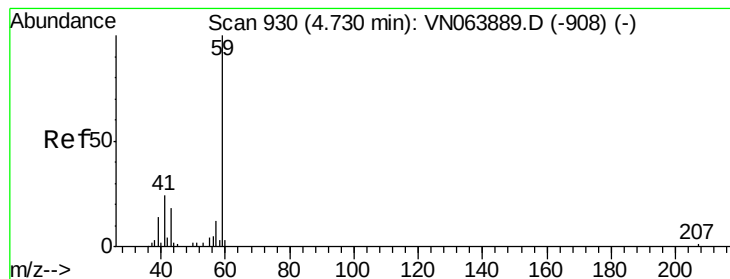
MMDadoda
 10/12/2020 2:10:07 PM



#22
 cis-1,2-Dichloroethene
 Concen: 17.652 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
96	100			
61	168.0	120.9	181.3	
98	63.5	50.3	75.5	





#23

tert-Butyl Alcohol

Concen: 74.861 ug/l

RT: 4.72 min Scan# 928

Delta R.T. -0.02 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD01

Tot Ion: 59 Resp: 41113

Ion Ratio Lower Upper

59 100

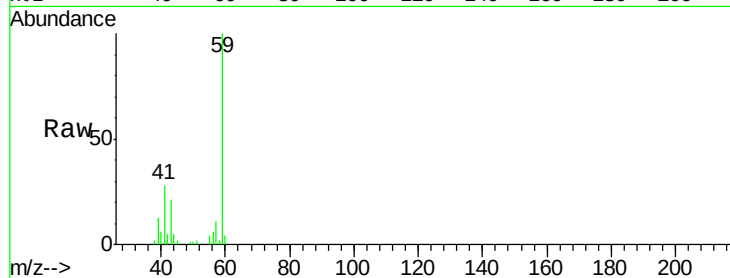
52 0.0 0.0 0.0

Manual Integrations

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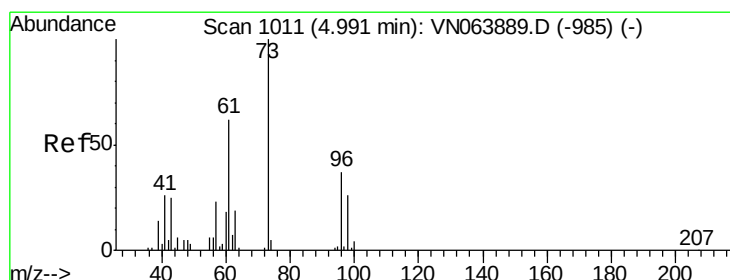
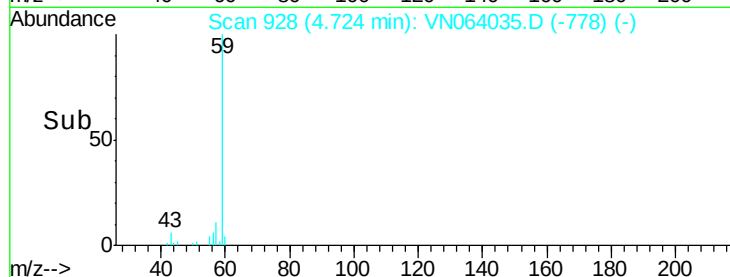
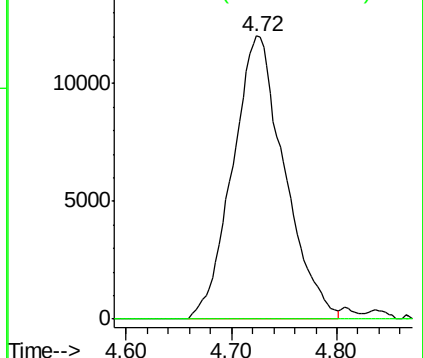
MMDadoda

10/12/2020 2:10:07 PM



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#24

Methyl tert-Butyl Ether

Concen: 17.797 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VN064035.D

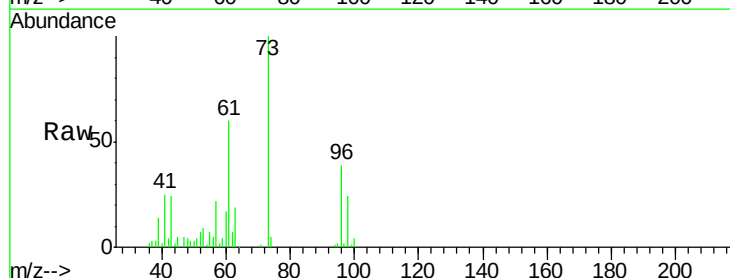
Acq: 9 Oct 2020 14:03

Tgt Ion: 73 Resp: 151070

Ion Ratio Lower Upper

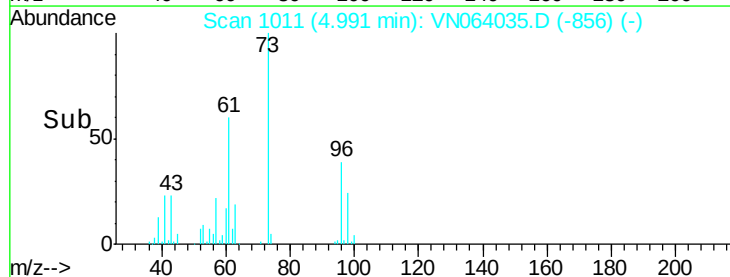
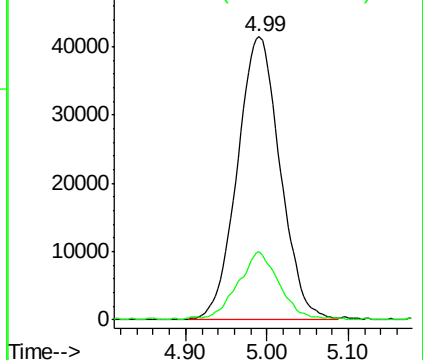
73 100

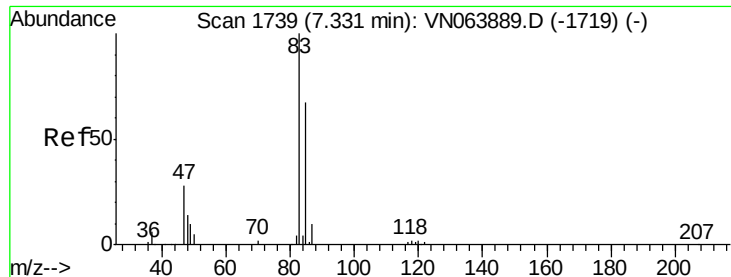
43 21.4 15.8 23.6



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 43.00 (42.70 to 43.70): VN0





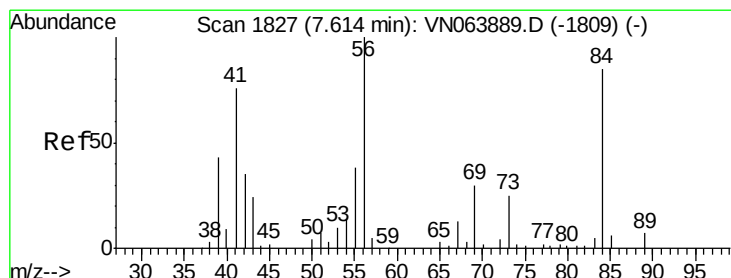
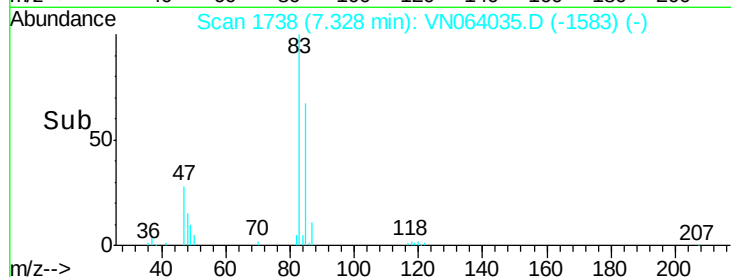
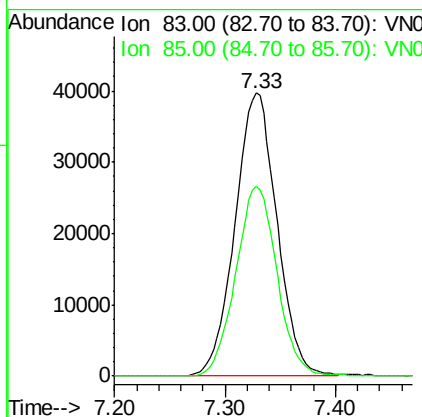
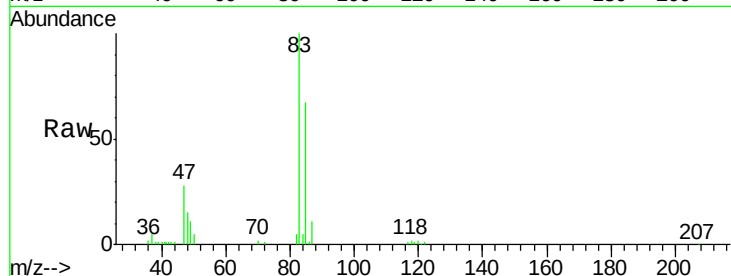
#25
Chloroform
Concen: 17.423 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

Tot Ion: 83 Resp: 104697
Ion Ratio Lower Upper
83 100
85 66.9 51.0 76.4

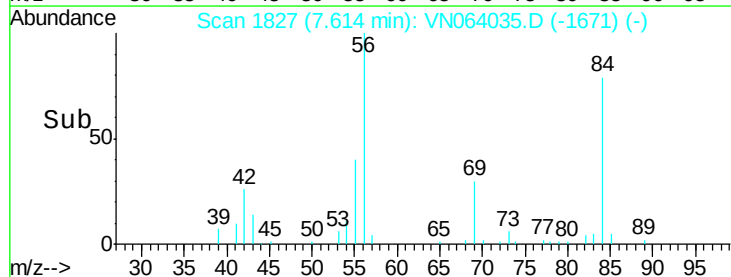
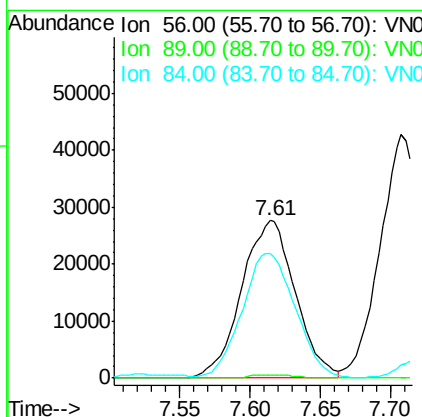
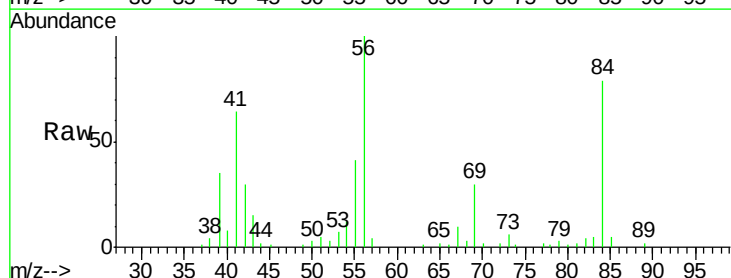
Manual Integrations
APPROVED

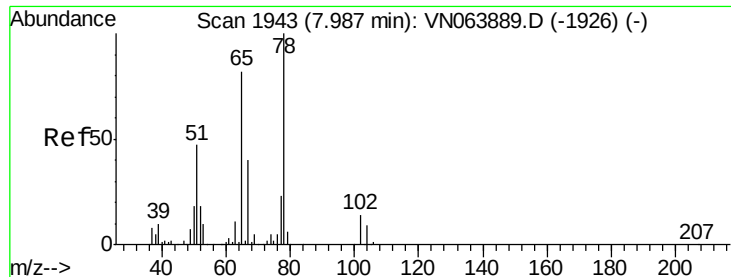
MMDadoda
10/12/2020 2:10:07 PM



#26
Cyclohexane
Concen: 17.772 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Tgt Ion: 56 Resp: 73363
Ion Ratio Lower Upper
56 100
89 0.8 0.0 0.0#
84 78.5 65.0 97.4





#27

1,2-Dichloroethane-d4

Concen: 28.687 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD01

Tot Ion: 65 Resp: 121482

Ion Ratio Lower Upper

65 100

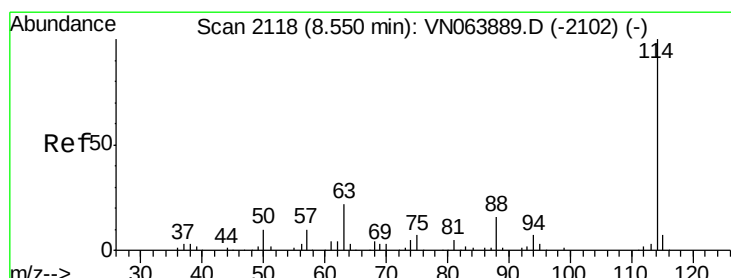
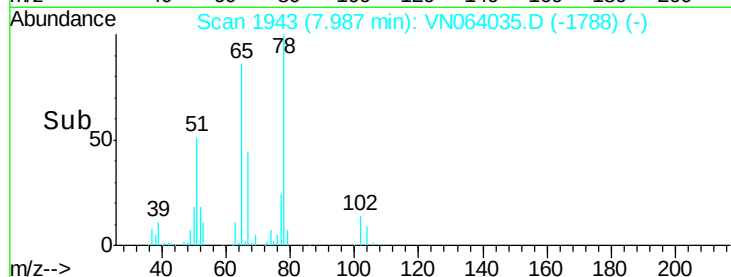
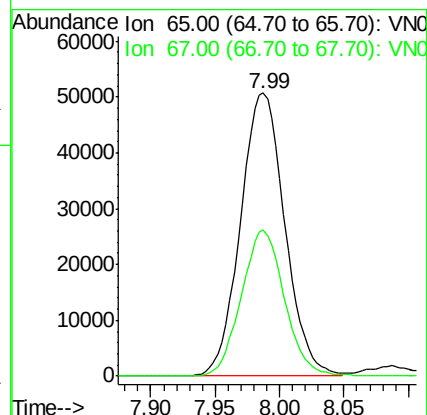
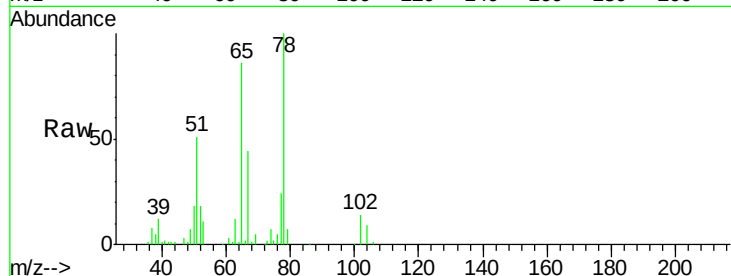
67 50.0 43.8 65.6

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

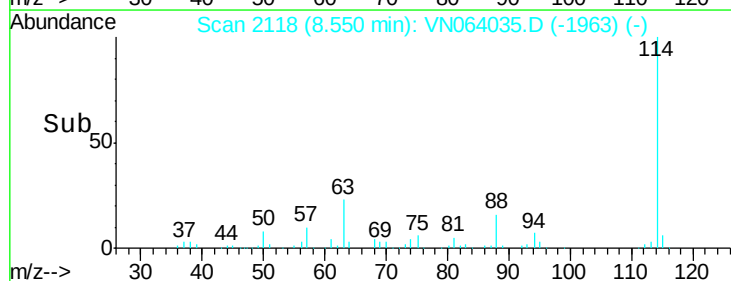
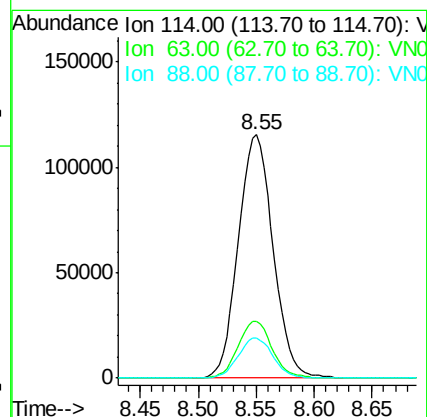
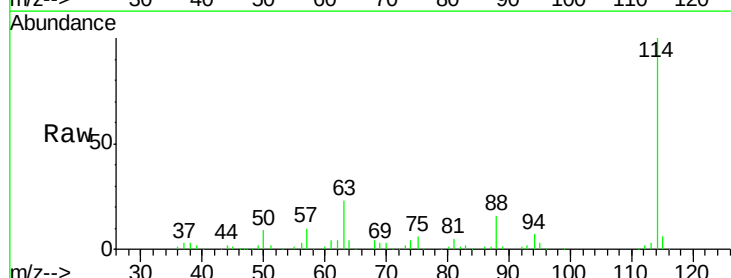
Tgt Ion: 114 Resp: 240728

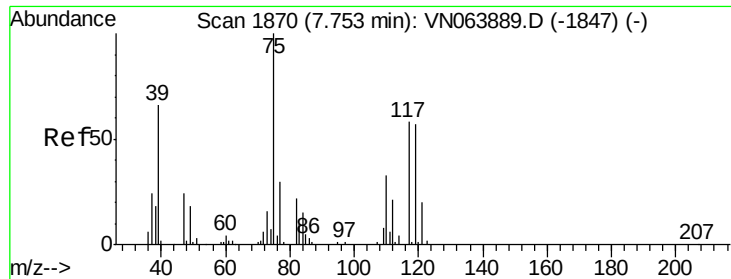
Ion Ratio Lower Upper

114 100

63 22.9 17.0 25.6

88 16.6 12.6 18.8





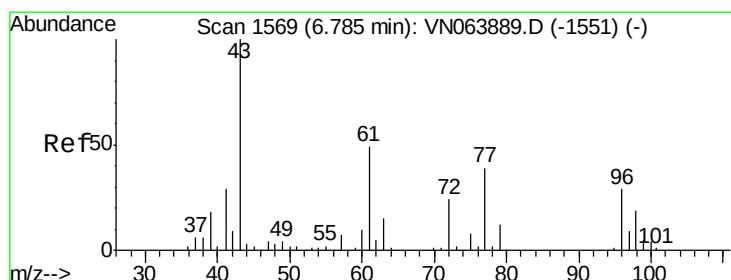
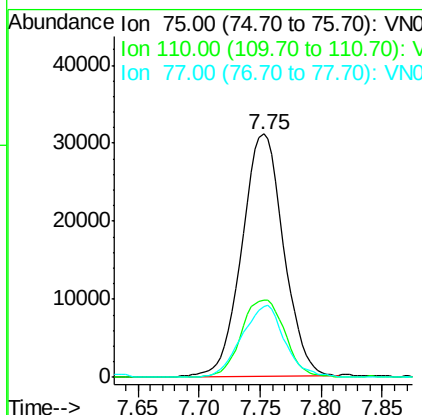
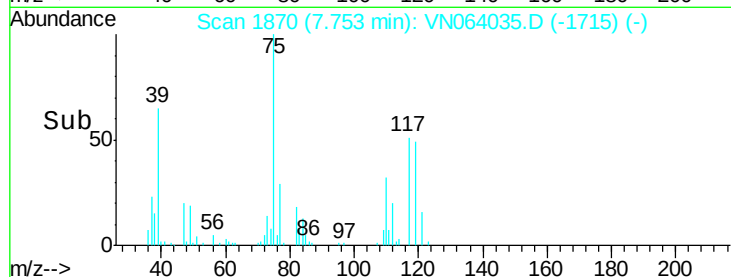
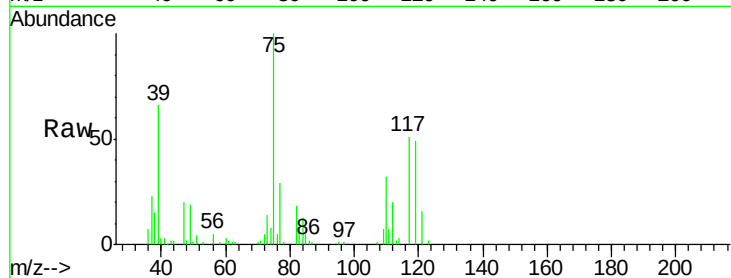
#29
 1,1-Dichloropropene
 Concen: 17.451 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
110	33.5	0.0	70.6
77	30.6	0.0	60.2

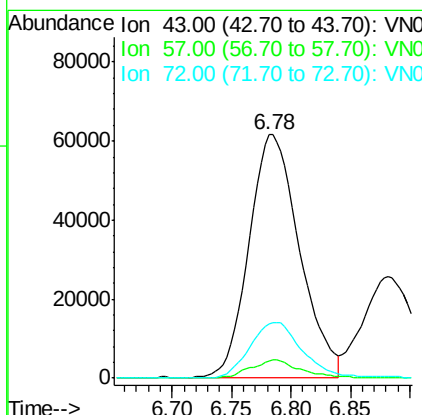
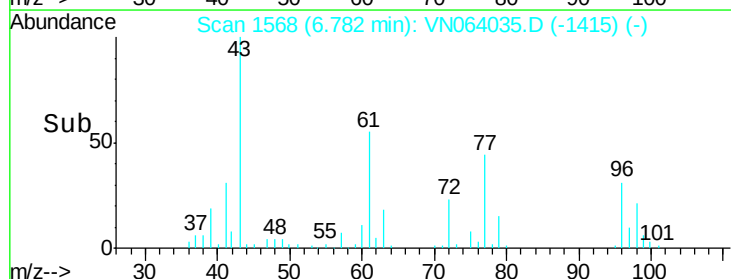
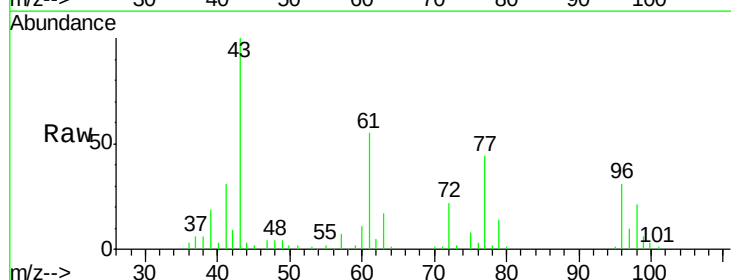
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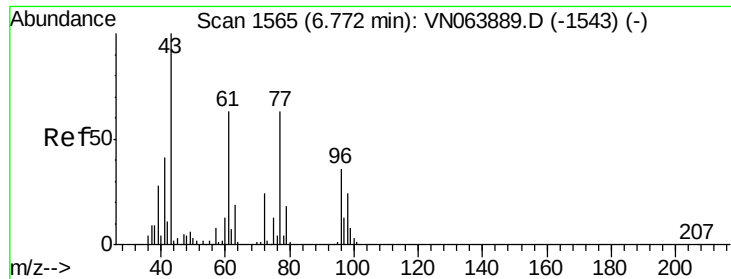
MMDadoda
 10/12/2020 2:10:07 PM



#30
 2-Butanone
 Concen: 87.898 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.3	6.6	9.8
72	23.5	21.3	31.9





#31

2,2-Dichloropropane

Concen: 17.677 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD01

Tot Ion: 77 Resp: 89059

Ion Ratio Lower Upper

77 100

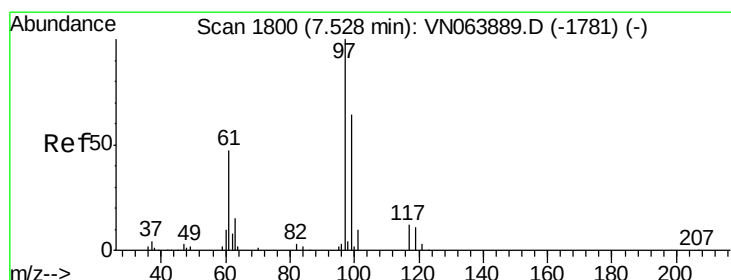
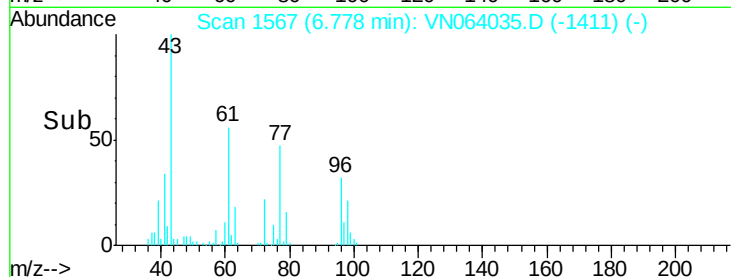
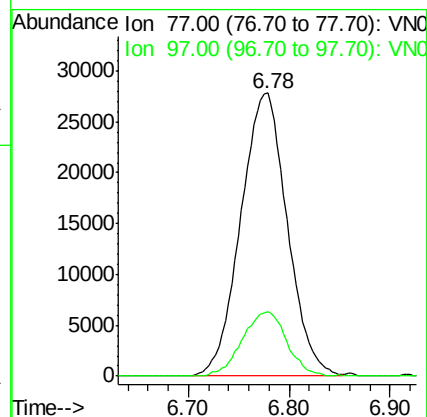
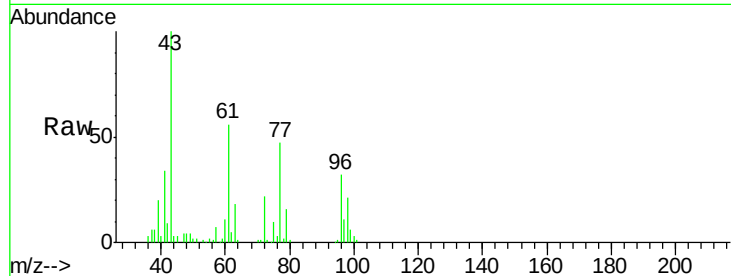
97 21.7 18.2 27.4

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 17.566 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

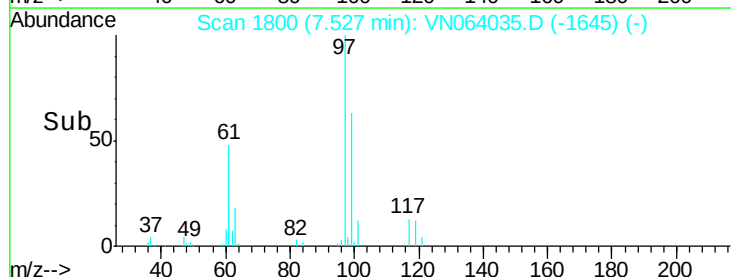
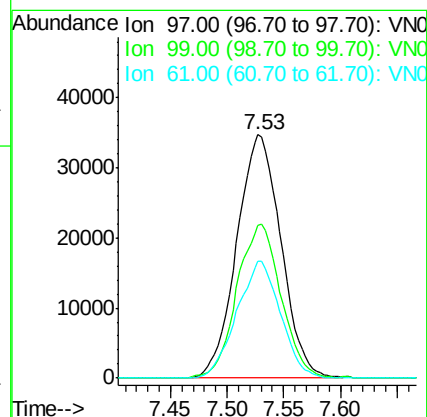
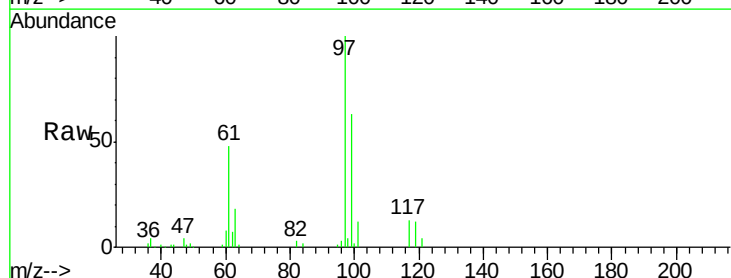
Tgt Ion: 97 Resp: 94473

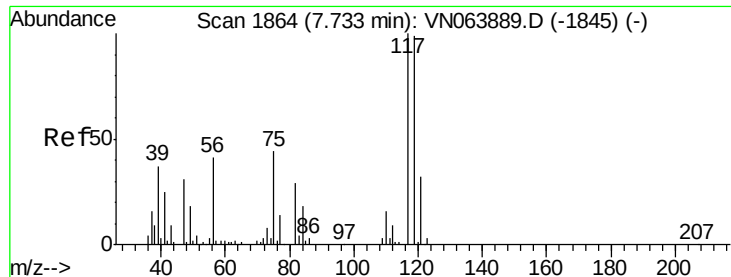
Ion Ratio Lower Upper

97 100

99 62.8 51.7 77.5

61 47.2 35.3 52.9





#33

Carbon Tetrachloride

Concen: 16.856 ug/l

RT: 7.73 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD01

Tot Ion:117 Resp: 79423

Ion Ratio Lower Upper

117 100

119 101.4 73.0 109.4

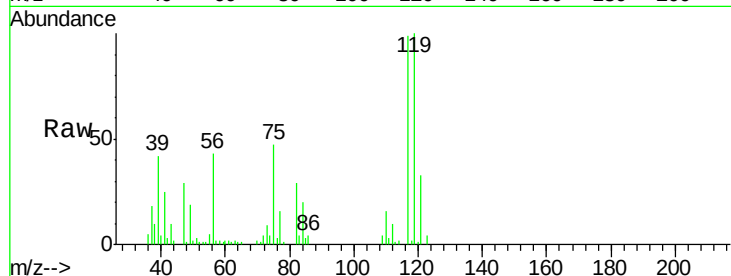
121 33.2 24.9 37.3

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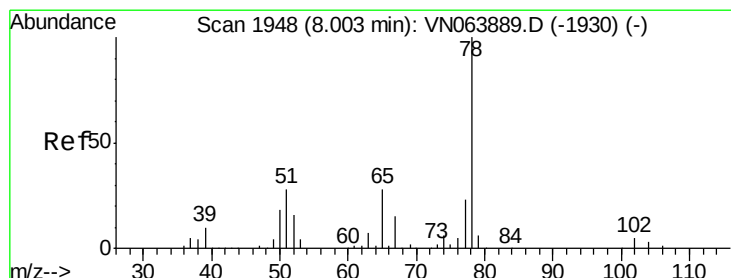
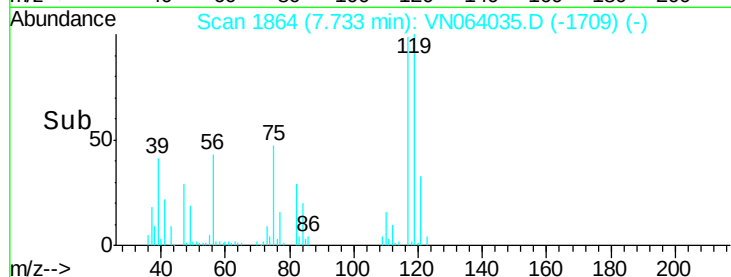
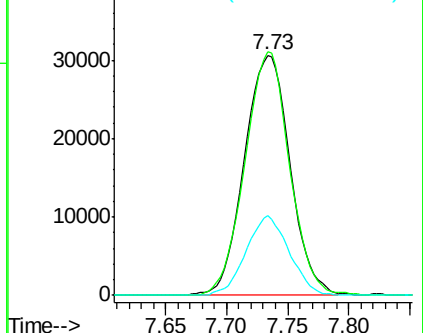
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Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 18.130 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

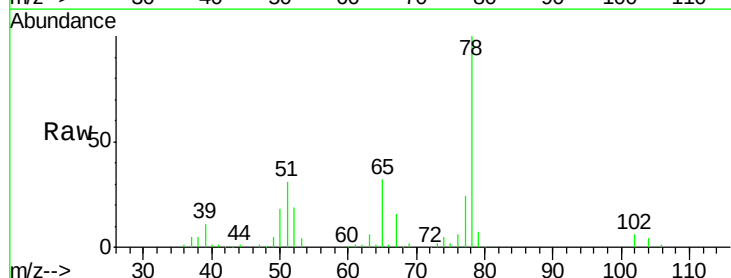
Tgt Ion: 78 Resp: 217302

Ion Ratio Lower Upper

78 100

77 24.2 18.6 27.8

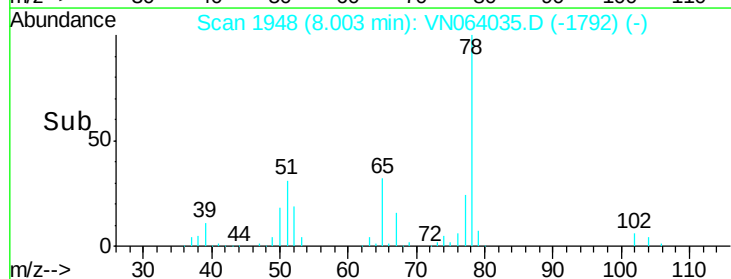
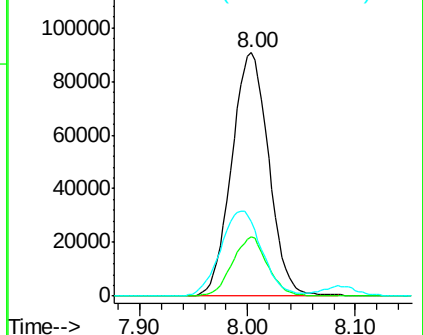
51 30.0 22.2 33.2

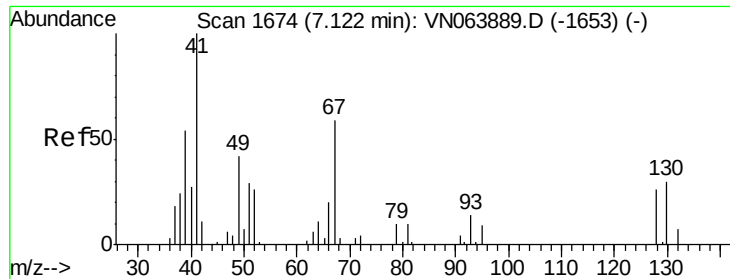


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

Ion 51.00 (50.70 to 51.70): V





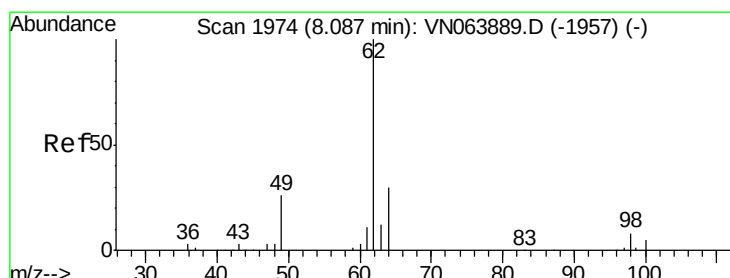
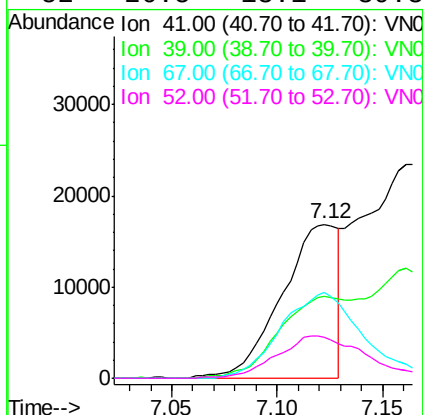
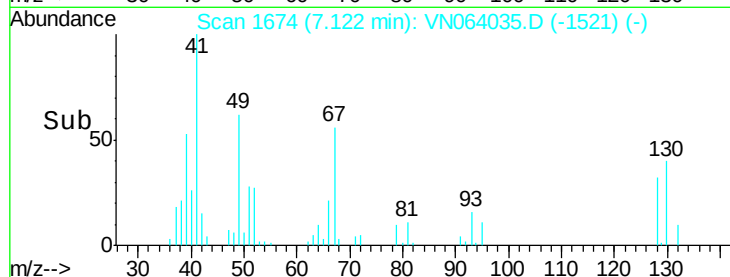
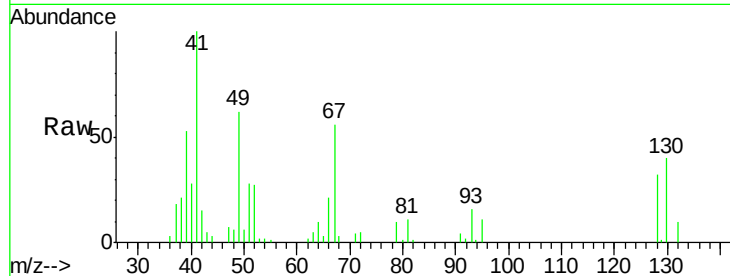
#35
Methacrylonitrile
Concen: 15.967 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

Tot Ion:	41	Resp:	31378
Ion	Ratio	Lower	Upper
41	100		
39	52.9	23.7	71.1
67	55.5	31.6	94.7
52	26.5	13.1	39.3

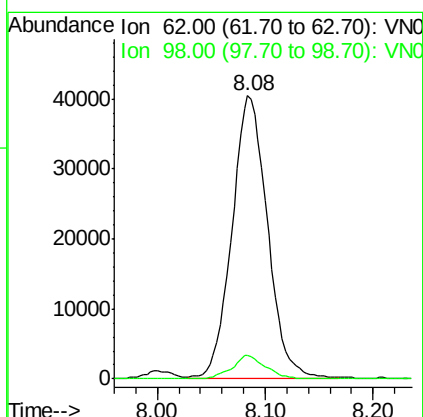
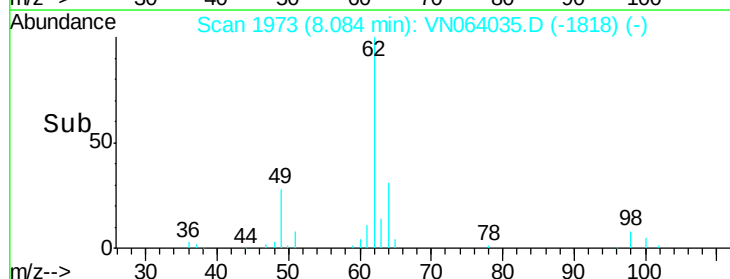
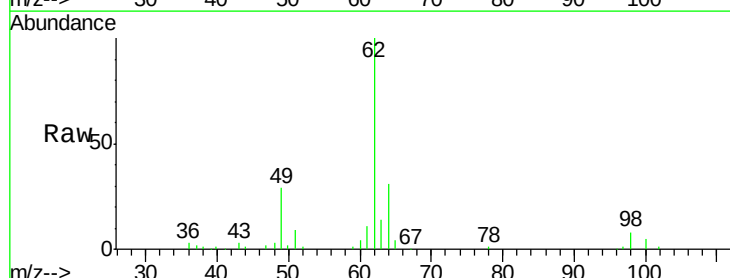
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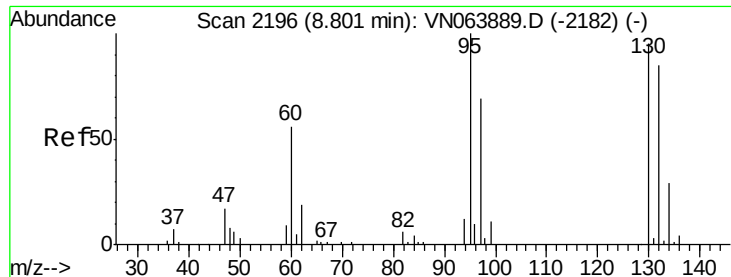
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#36
1,2-Dichloroethane
Concen: 17.668 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Tgt Ion:	62	Resp:	93045
Ion	Ratio	Lower	Upper
62	100		
98	7.8	7.6	11.4





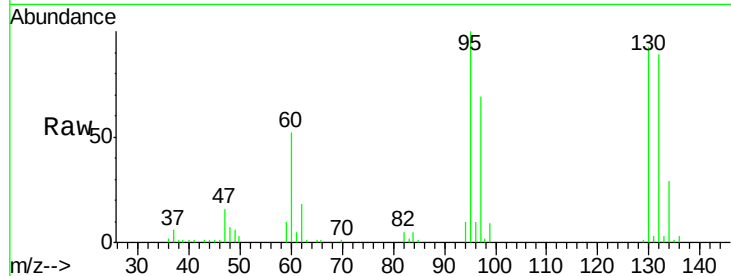
#37
 Trichloroethene
 Concen: 17.028 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD01

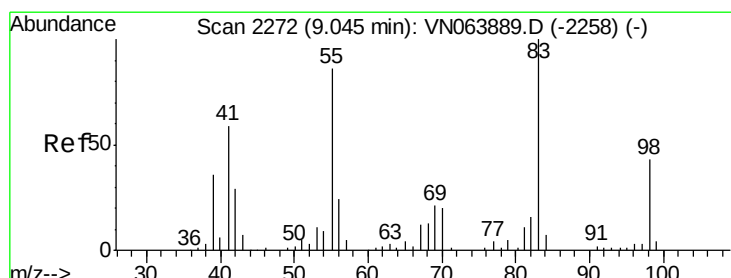
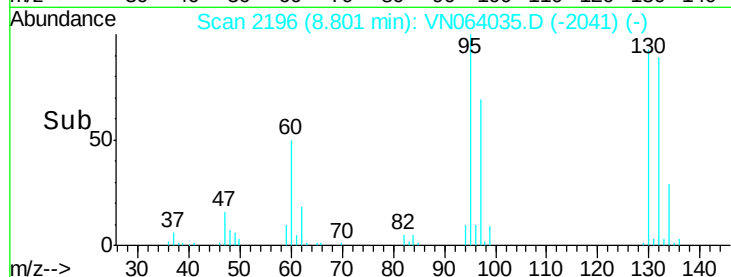
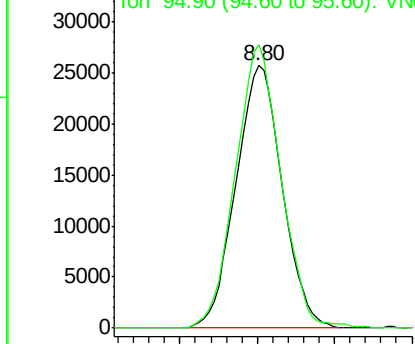
Tot Ion:130 Resp: 53476
 Ion Ratio Lower Upper
 130 100
 95 107.9 78.9 118.3

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 10/12/2020 2:10:07 PM

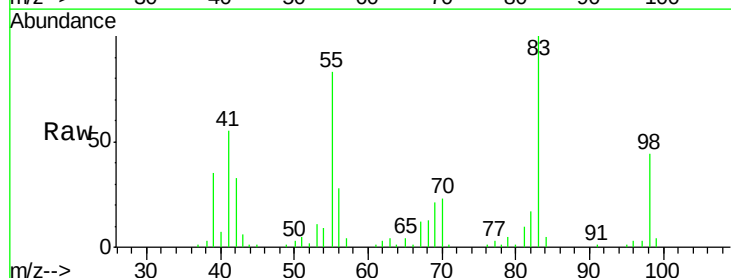


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

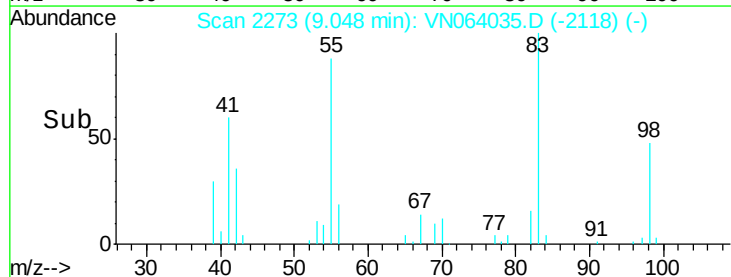
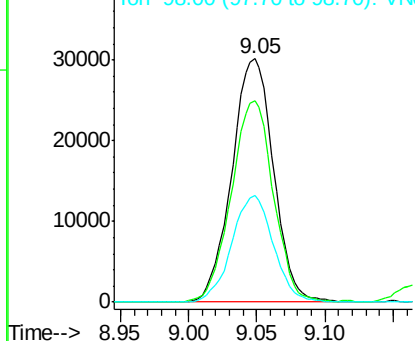


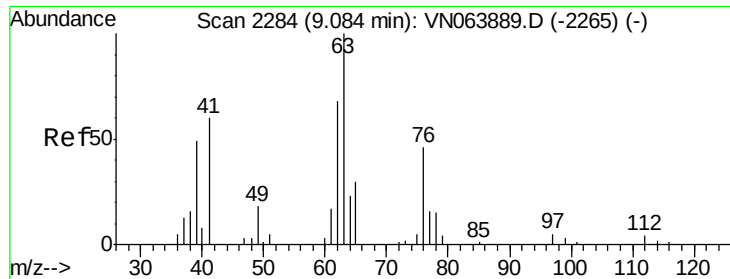
#38
 Methylcyclohexane
 Concen: 17.992 ug/l
 RT: 9.05 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Tgt Ion: 83 Resp: 64040
 Ion Ratio Lower Upper
 83 100
 55 83.6 41.9 125.7
 98 43.6 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





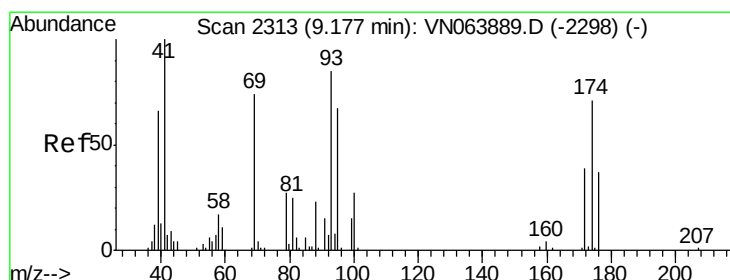
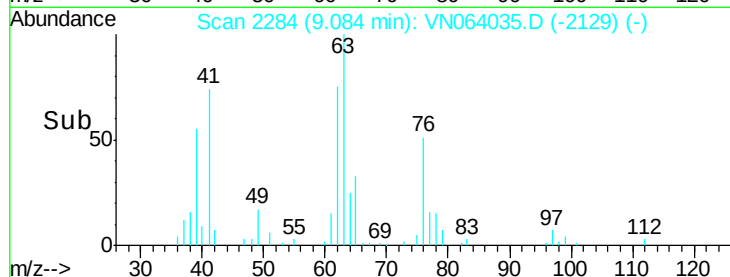
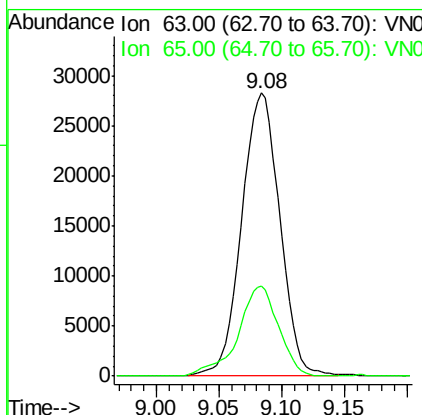
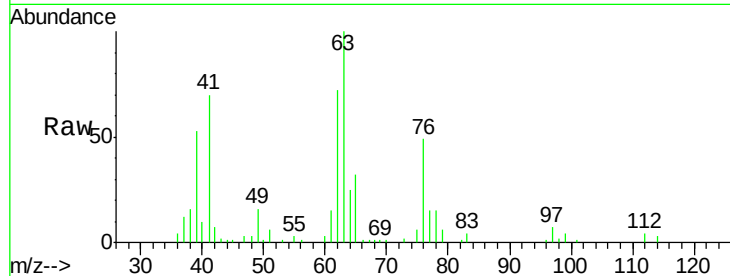
#39
 1,2-Dichloropropane
 Concen: 18.433 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD01

Tot Ion: 63 Resp: 60031
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.1 37.7

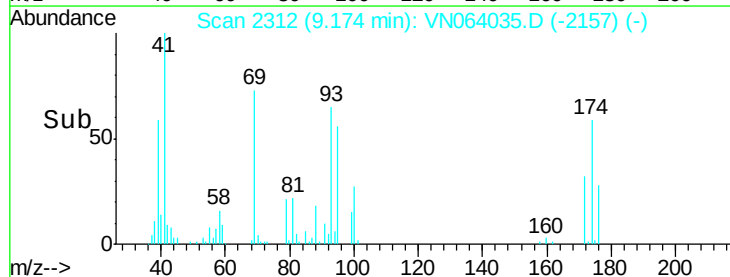
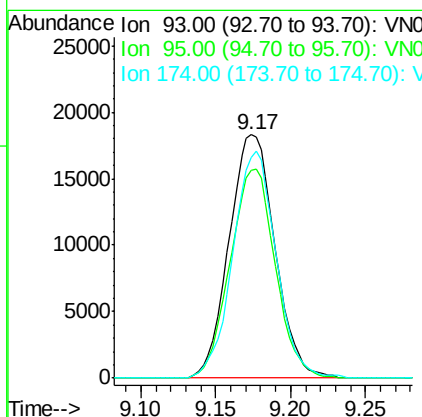
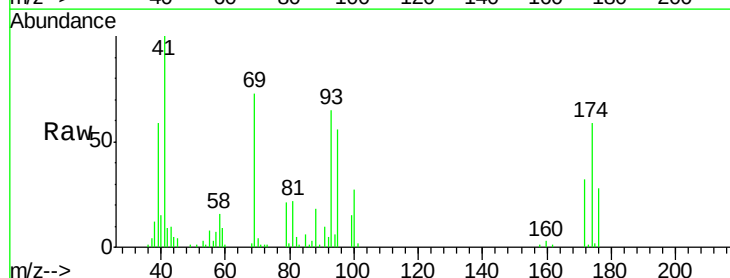
Manual Integrations
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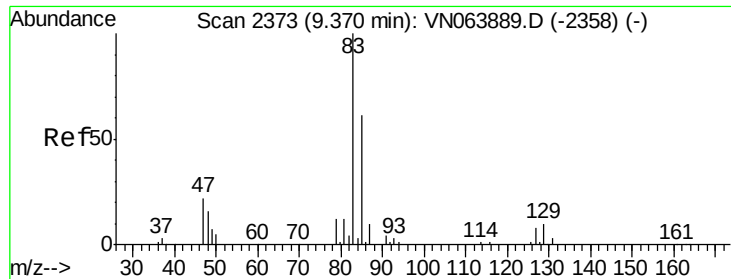
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#40
 Dibromomethane
 Concen: 17.208 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Tgt Ion: 93 Resp: 39140
 Ion Ratio Lower Upper
 93 100
 95 84.4 0.0 168.2
 174 87.7 0.0 208.4





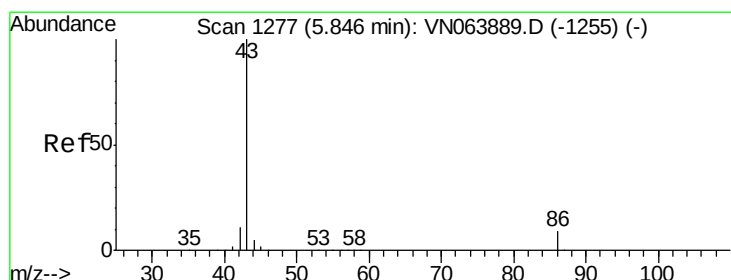
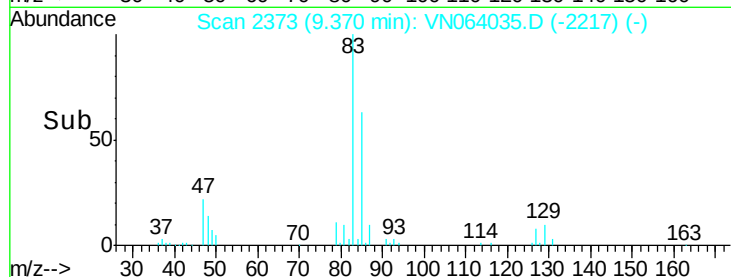
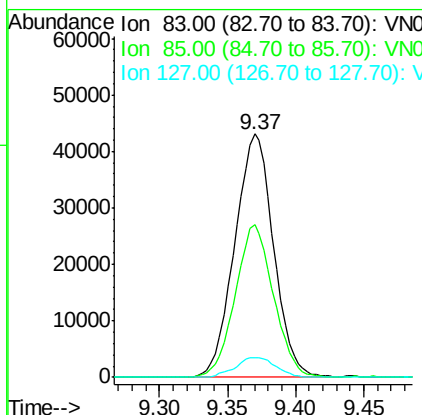
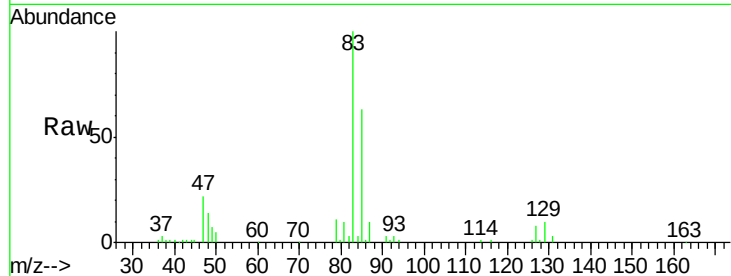
#41
 Bromodichloromethane
 Concen: 18.035 ug/l
 RT: 9.37 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD01

Tot Ion	83	Resp	85262
Ion Ratio	100	Lower	Upper
83	100		
85	62.9	52.6	79.0
127	7.9	7.4	11.0

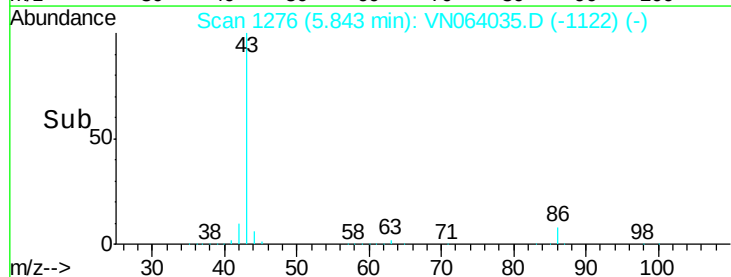
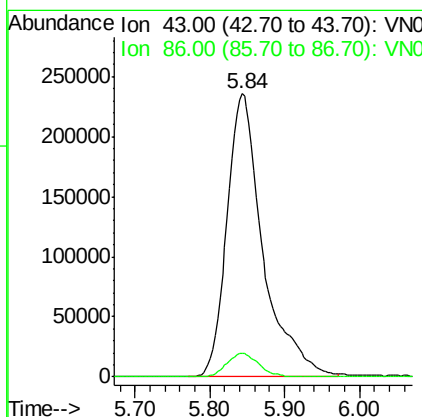
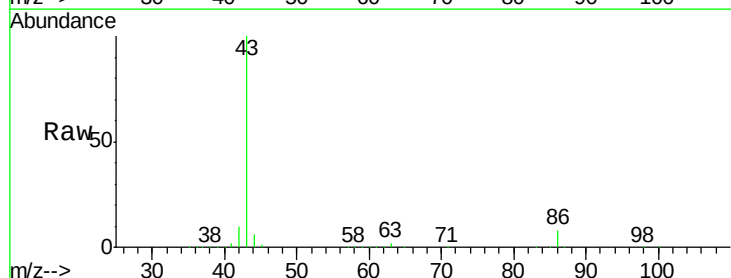
Manual Integrations
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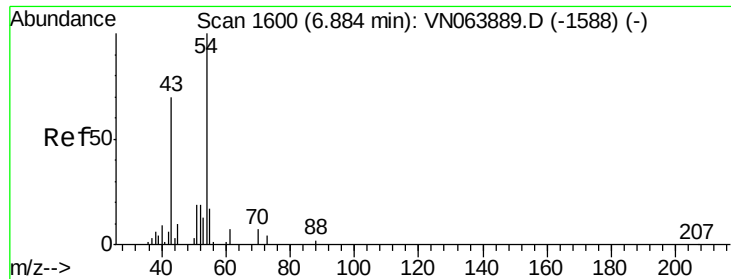
MMDadoda
 10/12/2020 2:10:07 PM



#42
 Vinyl Acetate
 Concen: 91.922 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Tgt Ion	43	Resp	788814
Ion Ratio	100	Lower	Upper
43	100		
86	7.4	6.7	10.1





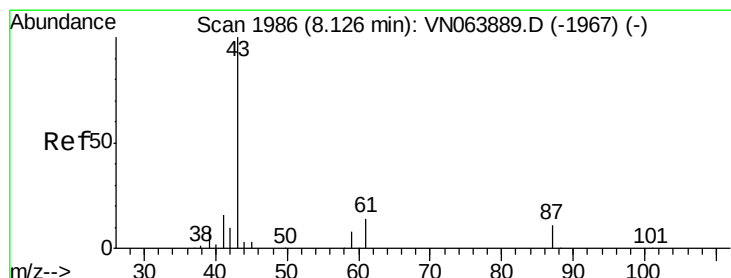
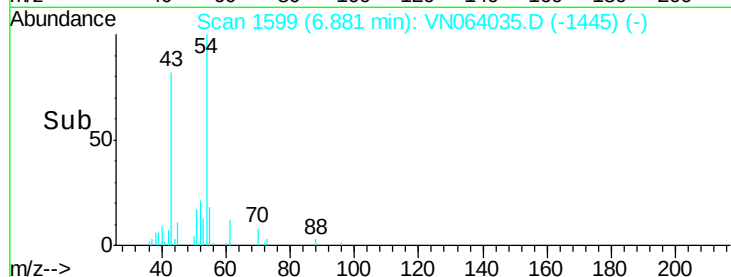
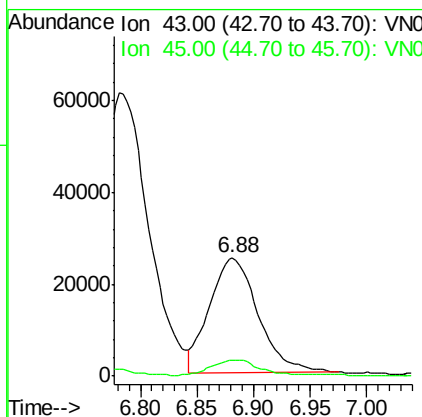
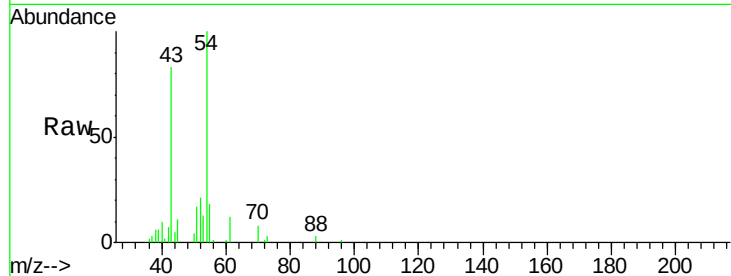
#43
Ethyl Acetate
Concen: 16.993 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

Tot Ion	43	45	Ratio	Lower	Upper
75243	100	6.9		11.3	16.9#

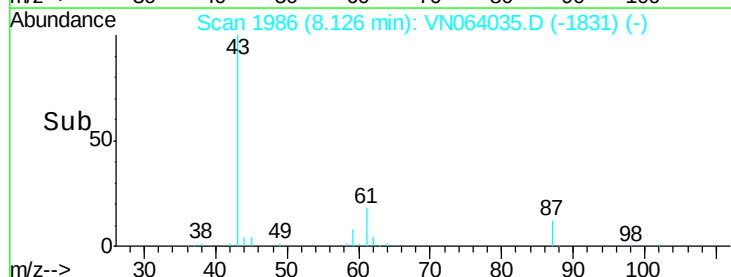
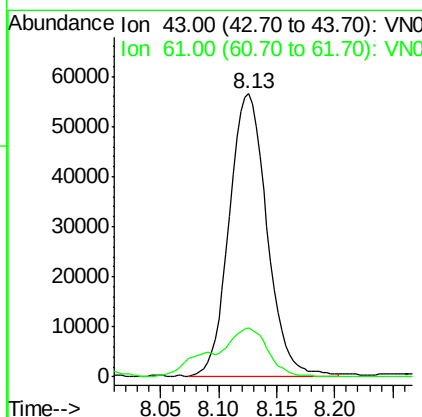
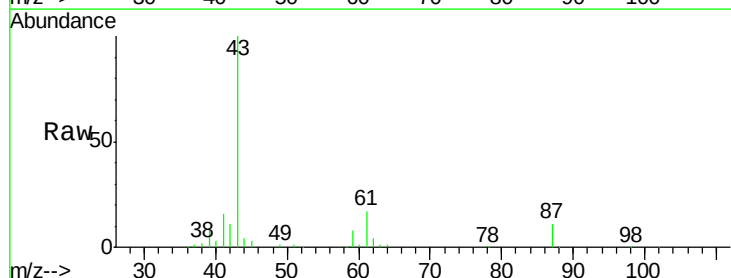
Manual Integrations
APPROVED

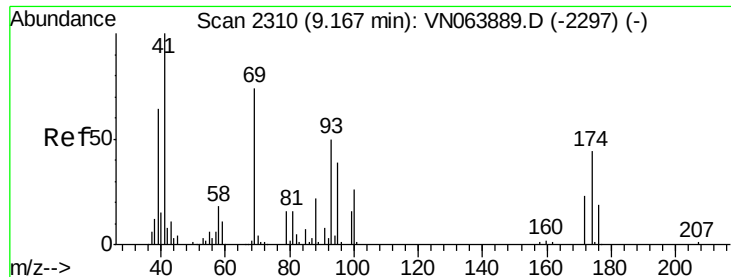
MMDadoda
10/12/2020 2:10:07 PM



#44
Isopropyl Acetate
Concen: 17.287 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Tgt Ion	43	61	Ratio	Lower	Upper
126857	100	17.1		17.5	26.3#





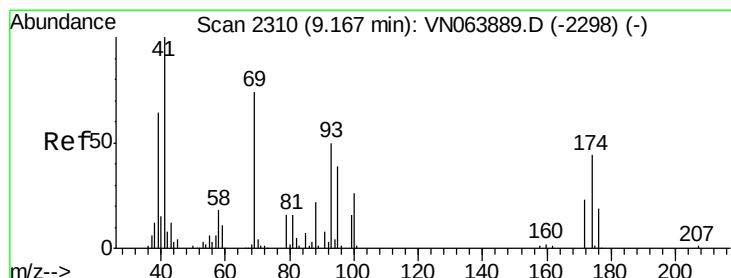
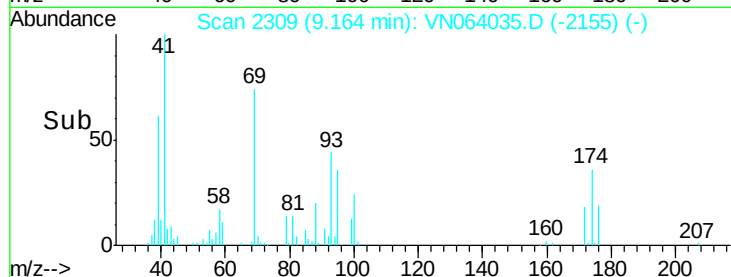
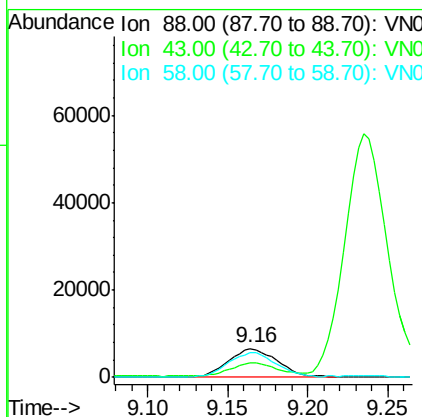
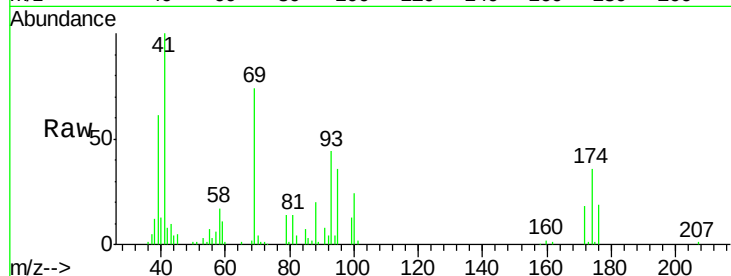
#45
 1,4-Dioxane
 Concen: 293.936 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	44.9	28.5	42.7#
58	85.4	59.6	89.4

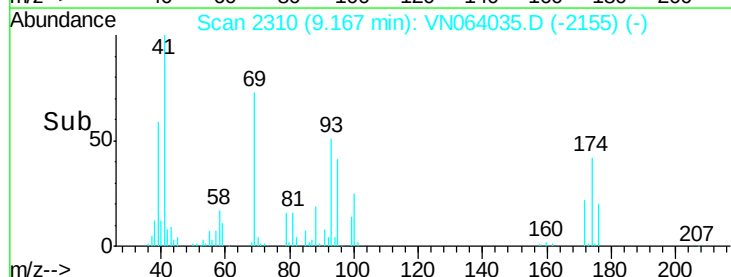
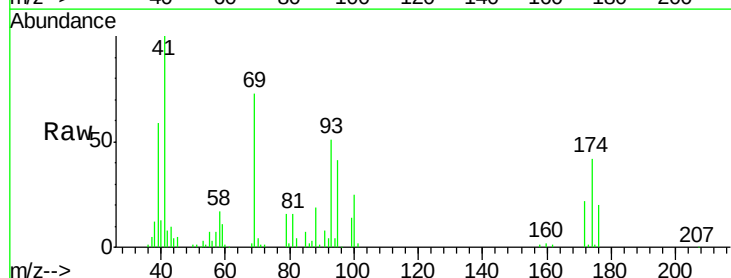
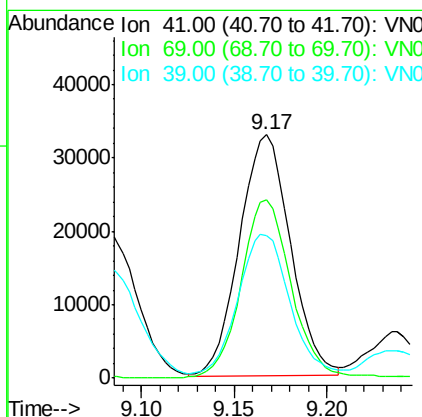
Manual Integrations
 APPROVED

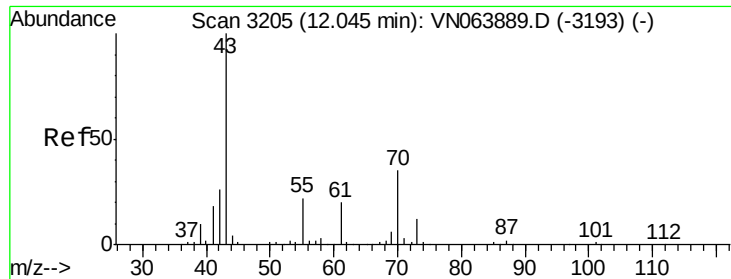
MMDadoda
 10/12/2020 2:10:07 PM



#46
 Methyl methacrylate
 Concen: 17.243 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
41	100		
69	73.6	42.6	128.0
39	57.7	25.1	75.4





#47

n-amvl Acetate

Concen: 15.973 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD01

Tot Ion: 43 Resp: 104214

Ion Ratio Lower Upper

43 100

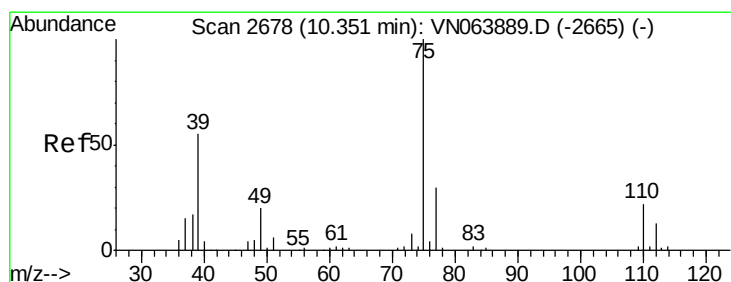
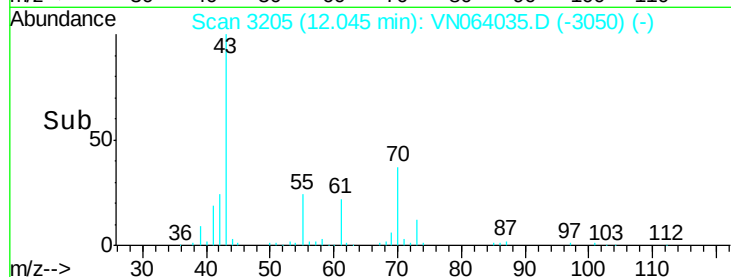
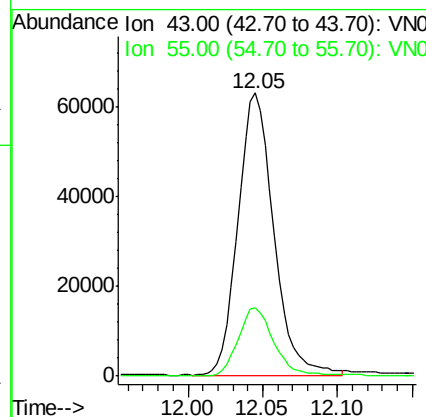
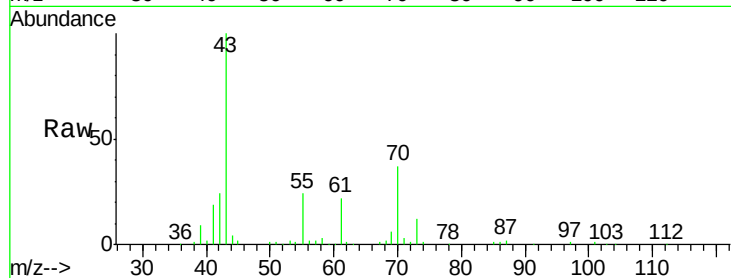
55 24.2 21.2 31.8

Manual Integrations

APPROVED

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#48

t-1,3-Dichloropropene

Concen: 17.383 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064035.D

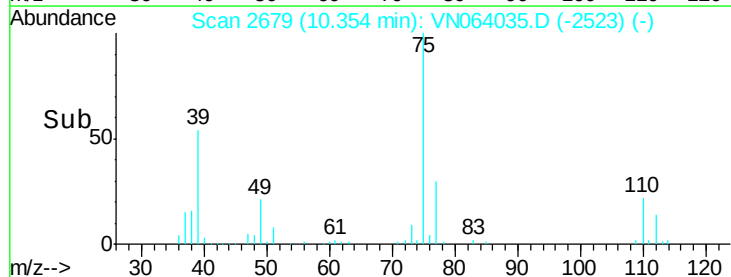
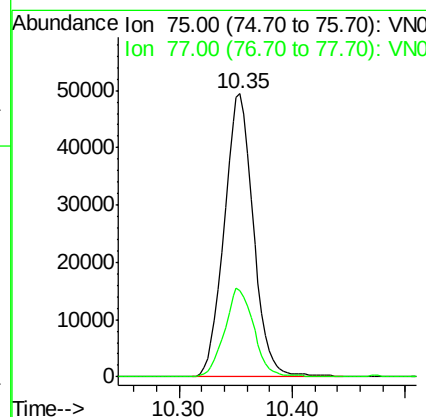
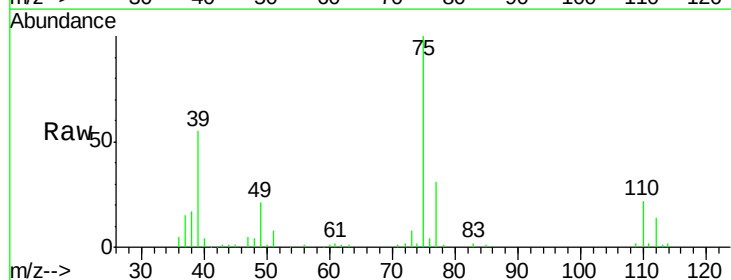
Acq: 9 Oct 2020 14:03

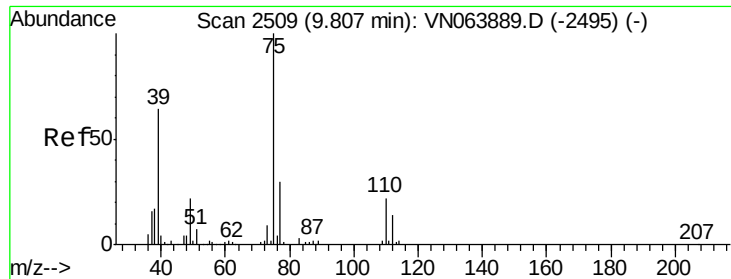
Tgt Ion: 75 Resp: 88803

Ion Ratio Lower Upper

75 100

77 30.5 23.8 35.8





#49

cis-1,3-Dichloropropene

Concen: 18.163 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

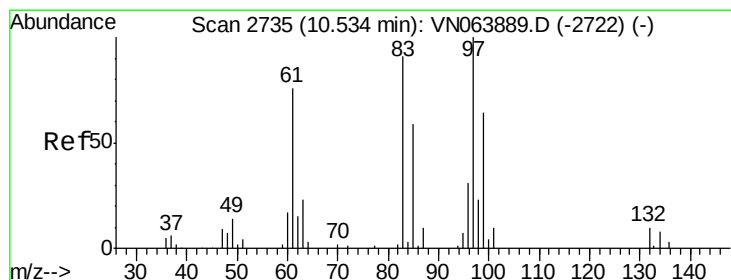
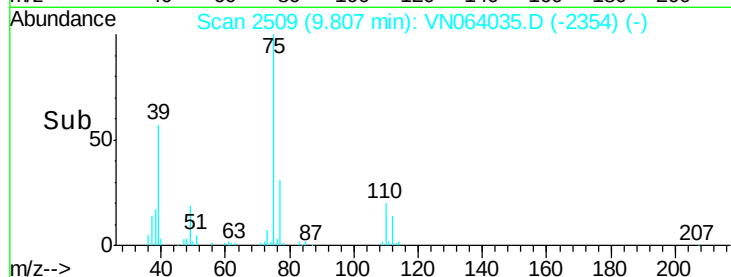
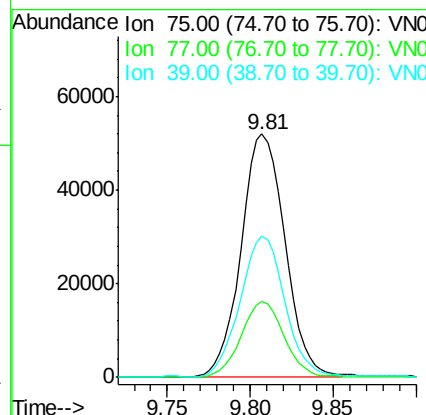
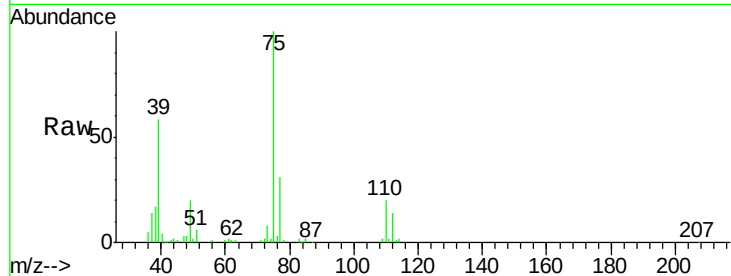
ClientSampleId :

VN1009WBSD01

Tot Ion:	75	Resp:	96220
Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.8	37.2
39	57.7	34.5	51.7#

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 17.778 ug/l

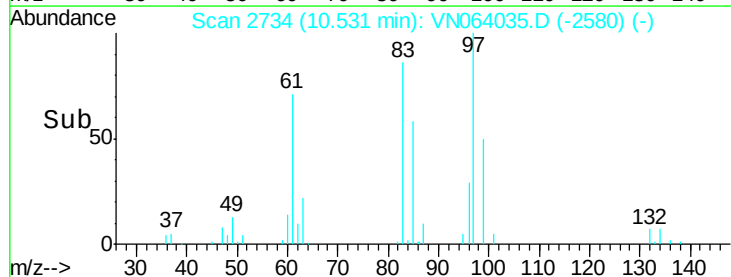
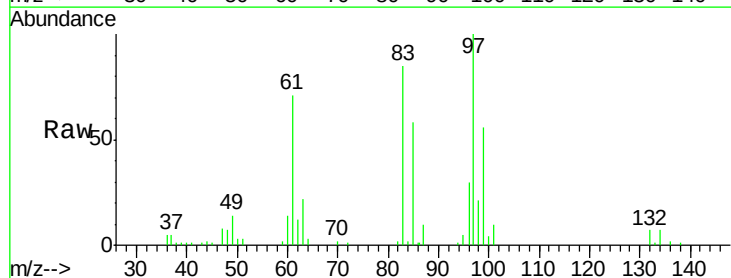
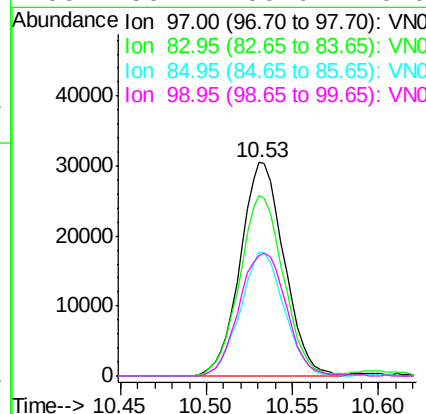
RT: 10.53 min Scan# 2734

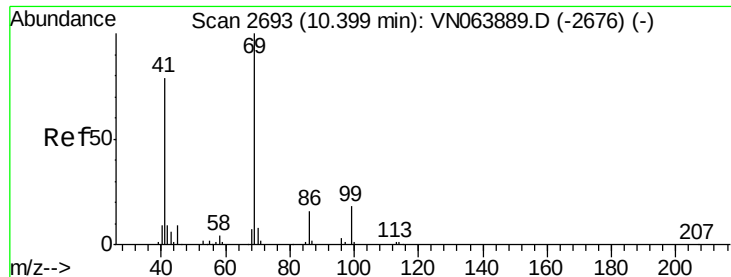
Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Tgt Ion:	97	Resp:	53997
Ion	Ratio	Lower	Upper
97	100		
83	84.8	69.9	104.9
85	57.9	44.0	66.0
99	56.1	50.6	76.0





#51

Ethyl methacrylate

Concen: 16.984 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

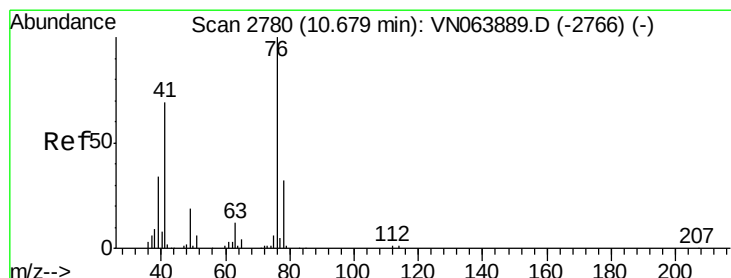
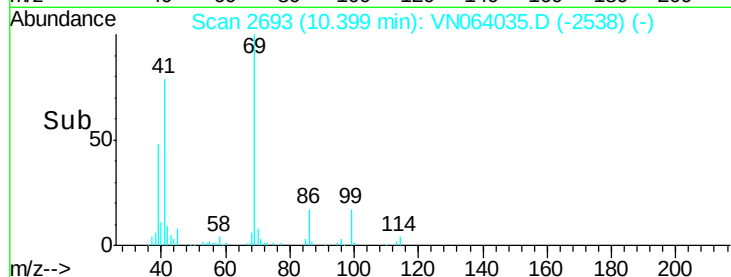
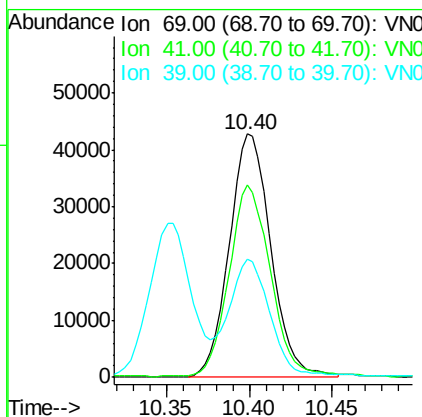
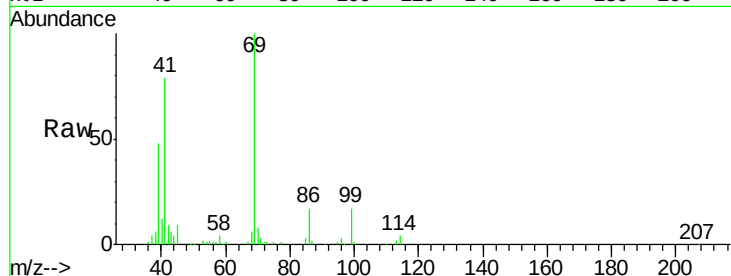
ClientSampleId :

VN1009WBSD01

Tot Ion:	69	Resp:	74825
Ion	Ratio	Lower	Upper
69	100		
41	78.2	32.1	96.5
39	47.3	16.1	48.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 18.203 ug/l

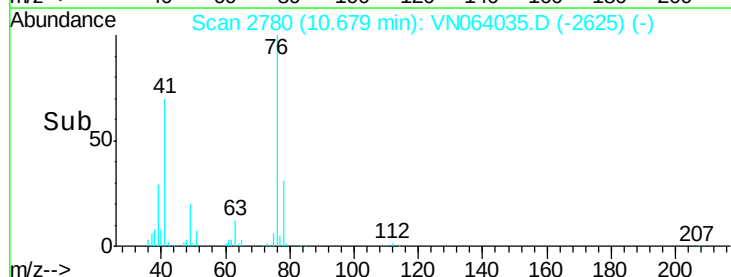
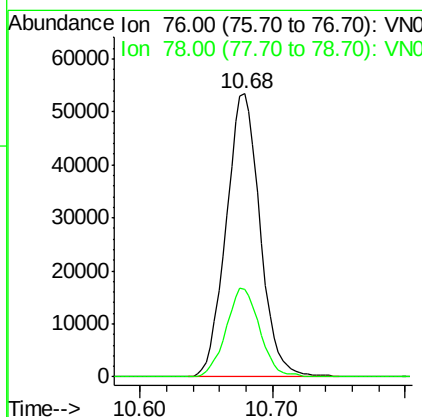
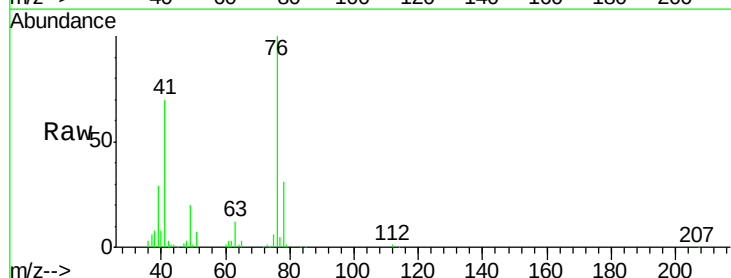
RT: 10.68 min Scan# 2780

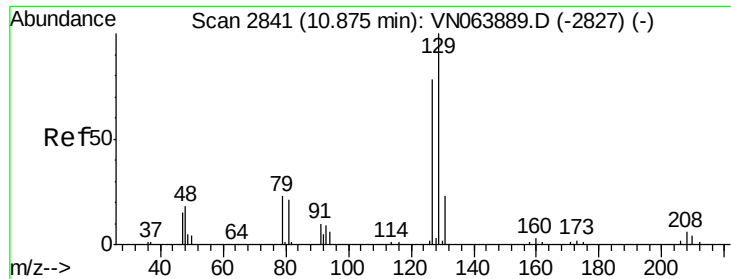
Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Tgt Ion:	76	Resp:	94704
Ion	Ratio	Lower	Upper
76	100		
78	31.0	0.0	63.2





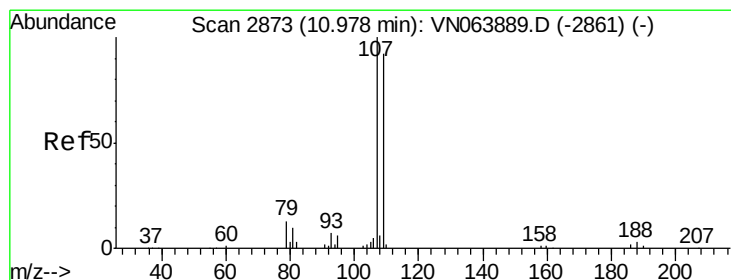
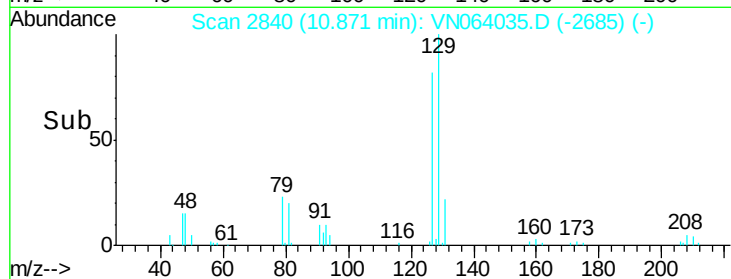
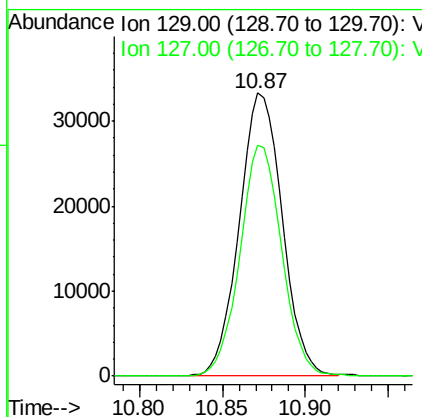
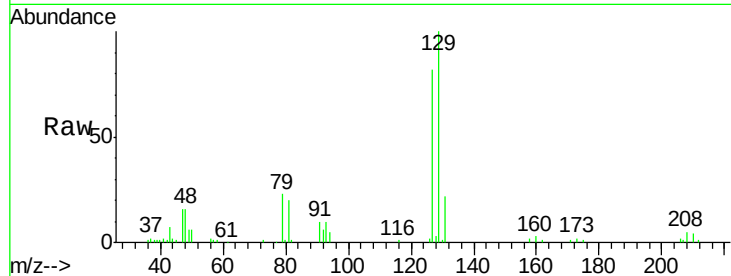
#53
Dibromochloromethane
Concen: 17.260 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

Tot Ion:129 Resp: 60336
Ion Ratio Lower Upper
129 100
127 79.0 38.7 116.1

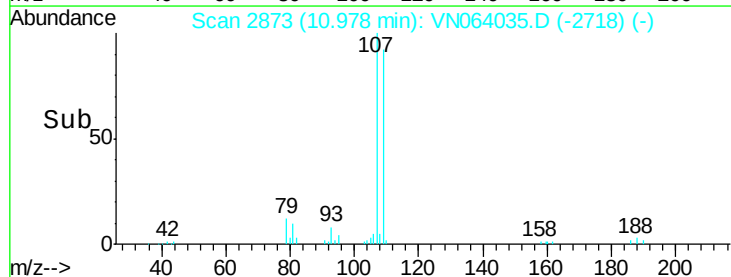
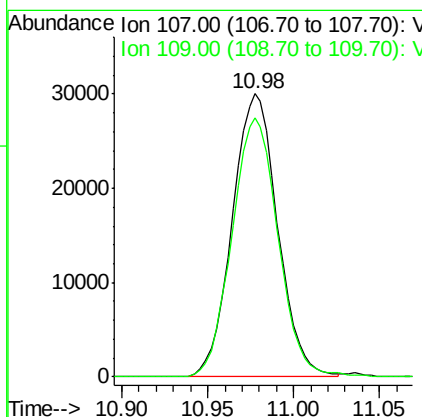
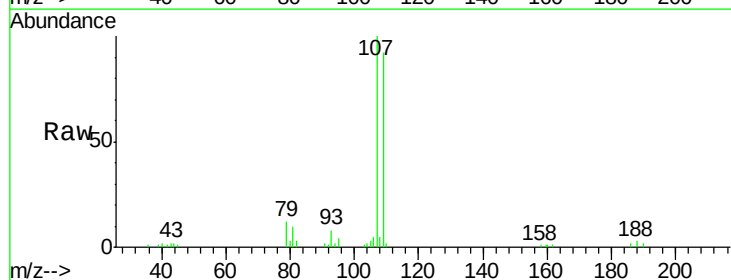
Manual Integrations
APPROVED

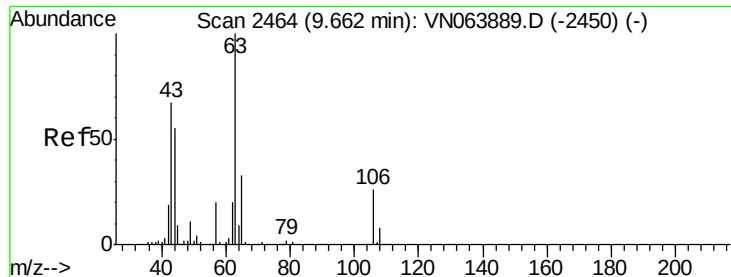
MMDadoda
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#54
1,2-Dibromoethane
Concen: 17.314 ug/l
RT: 10.98 min Scan# 2873
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Tgt Ion:107 Resp: 55135
Ion Ratio Lower Upper
107 100
109 93.0 76.3 114.5





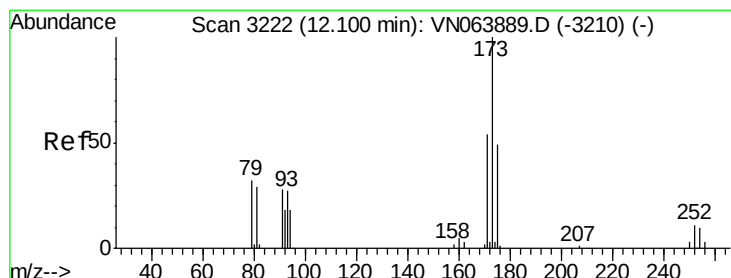
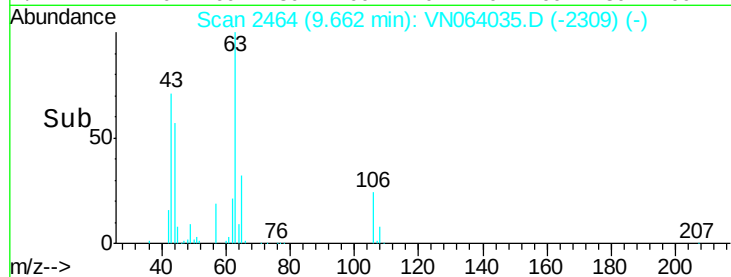
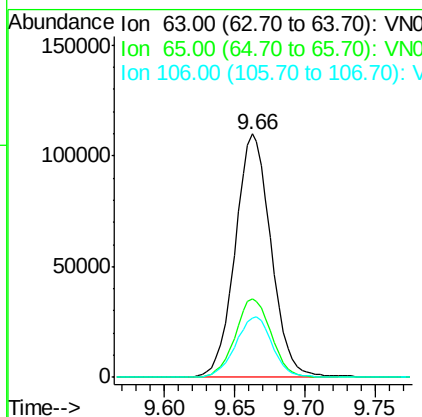
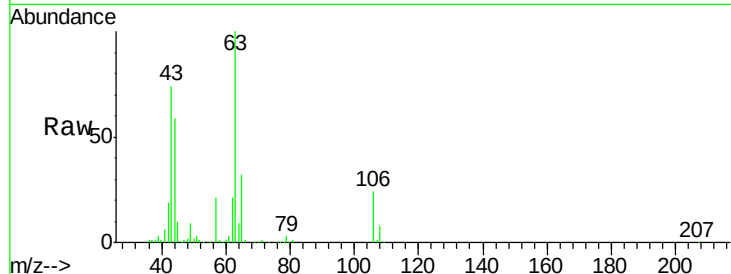
#55
 2-Chloroethyl vinyl ether
 Concen: 83.175 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.4	25.9	38.9
106	25.3	19.9	29.9

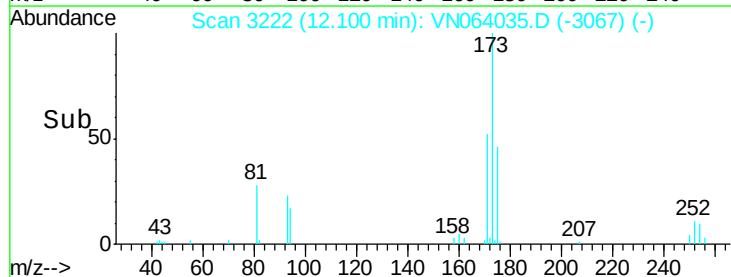
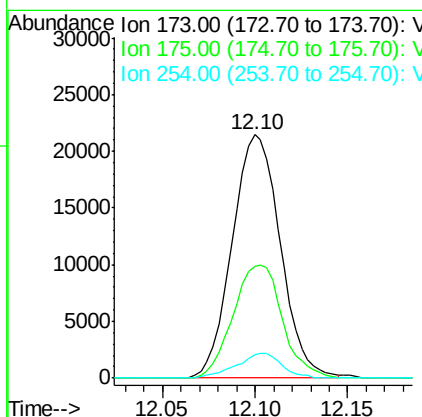
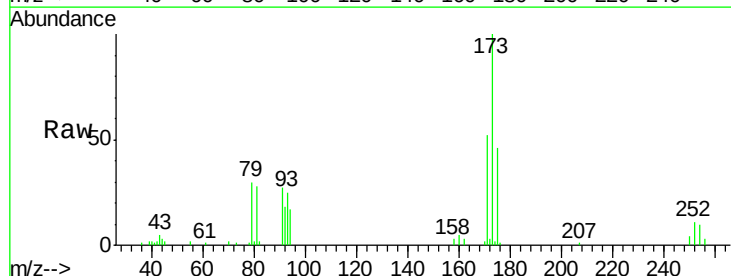
Manual Integrations
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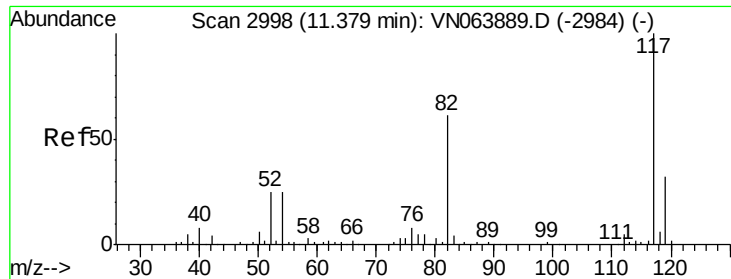
MMDadoda
 10/12/2020 2:10:07 PM



#56
 Bromoform
 Concen: 16.003 ug/l
 RT: 12.10 min Scan# 3222
 Delta R.T. -0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.5	41.2	61.8
254	9.7	9.0	13.4





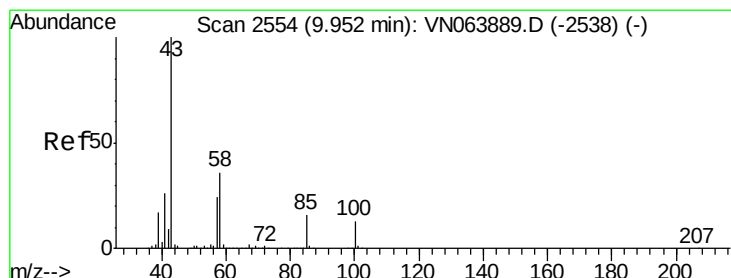
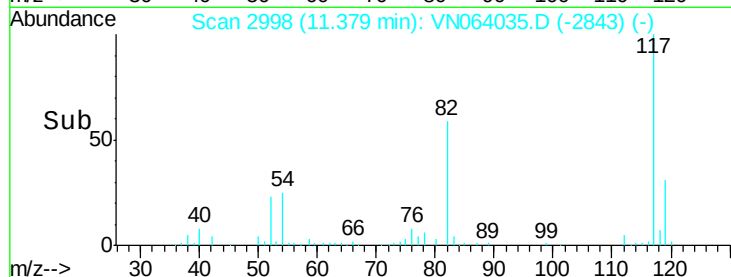
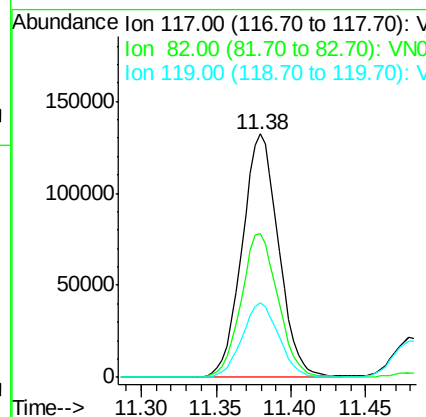
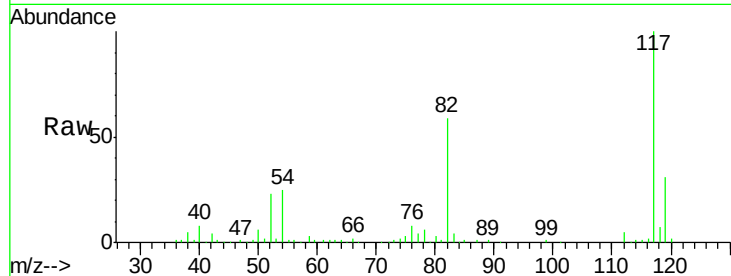
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	225255		
82	59.5	44.9	67.3	
119	30.6	26.0	39.0	

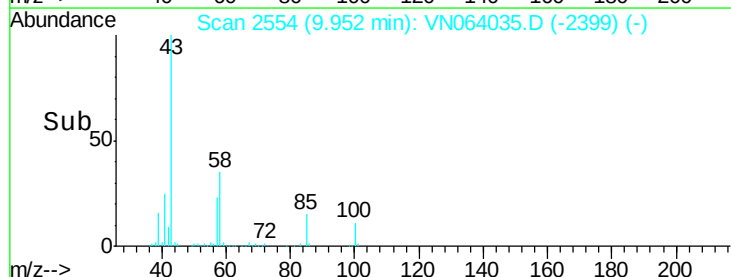
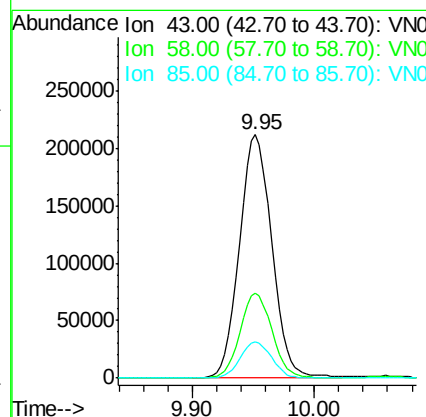
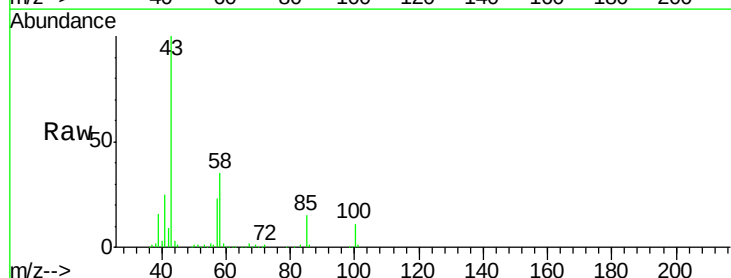
Manual Integrations
APPROVED

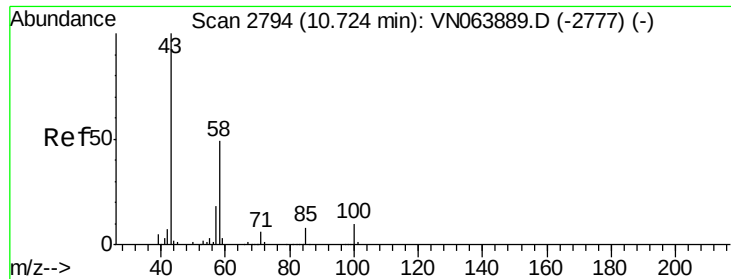
MMDadoda
10/12/2020 2:10:07 PM



#58
4-Methyl-2-Pentanone
Concen: 88.777 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	388101		
58	34.6	31.4	47.0	
85	14.5	13.4	20.2	





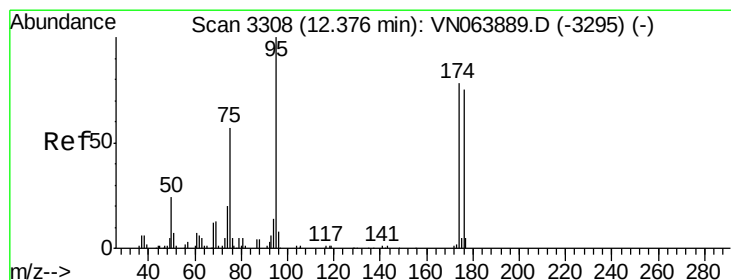
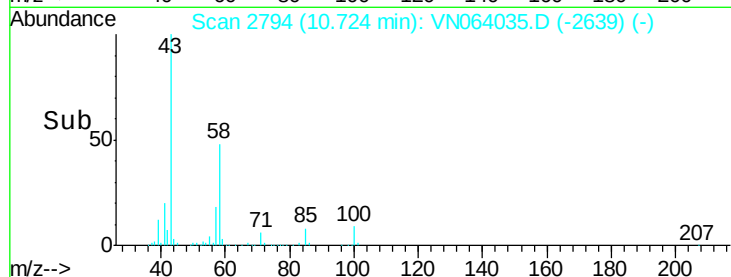
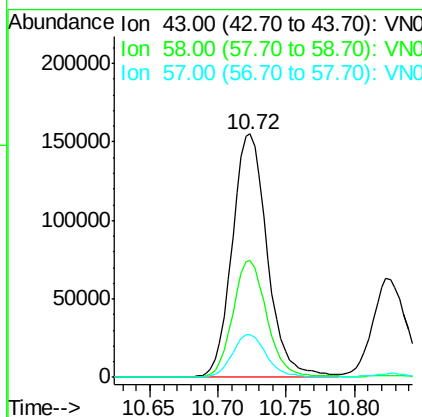
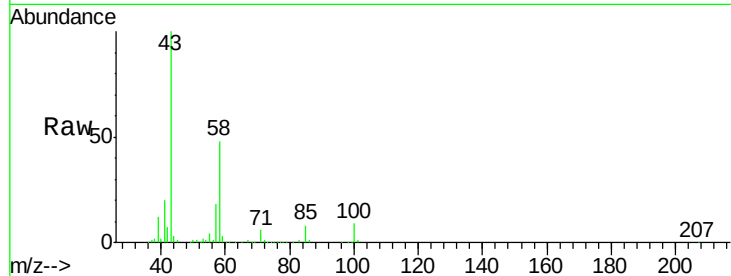
#59
2-Hexanone
Concen: 84.738 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	47.1	42.6	64.0
57	17.3	14.6	21.8

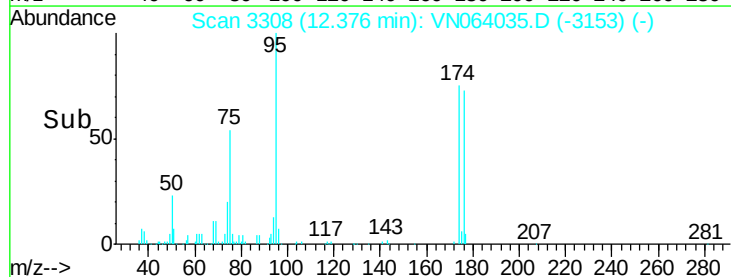
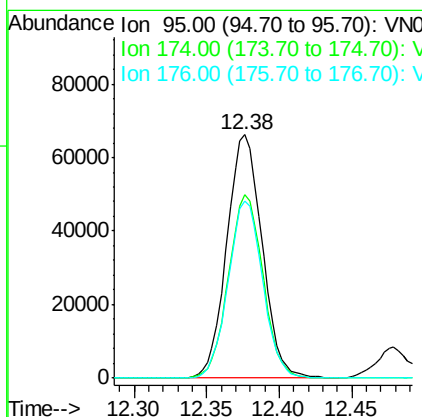
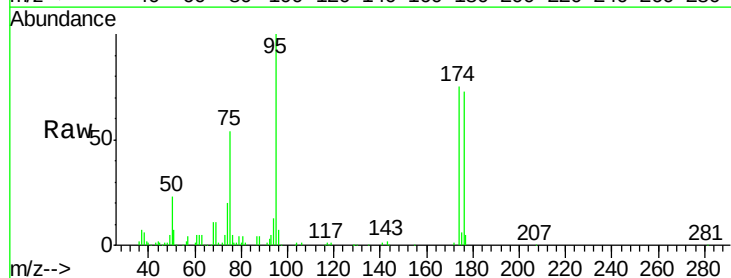
Manual Integrations
APPROVED

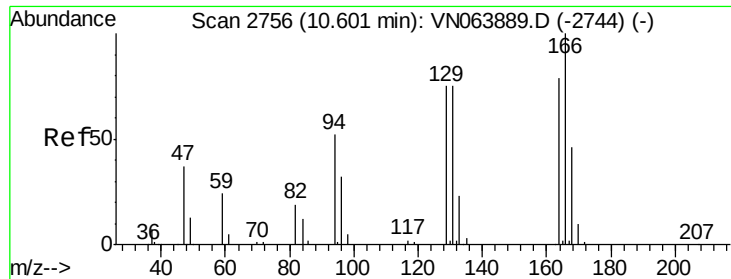
MMDadoda
10/12/2020 2:10:07 PM



#60
4-Bromofluorobenzene
Concen: 29.037 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.7	70.1	105.1
176	71.2	66.8	100.2





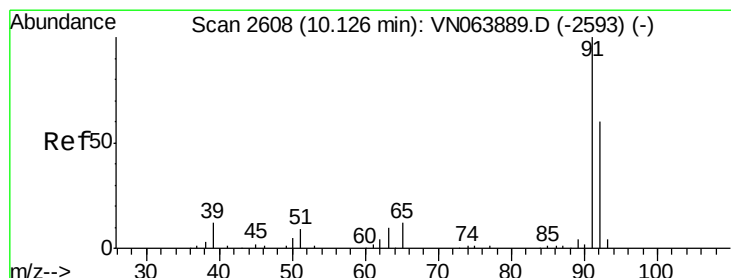
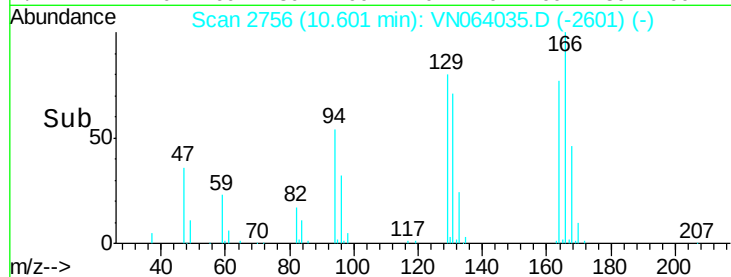
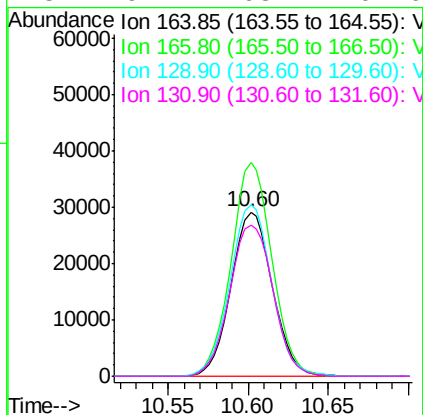
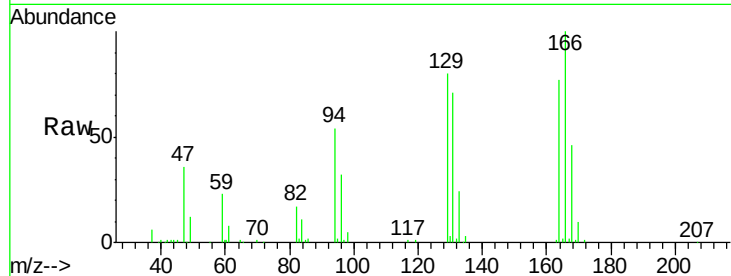
#61
Tetrachloroethene
Concen: 17.903 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

Tot Ion	Ratio	Lower	Upper
164	100		
166	130.4	100.1	150.1
129	104.5	72.5	108.7
131	92.1	68.4	102.6

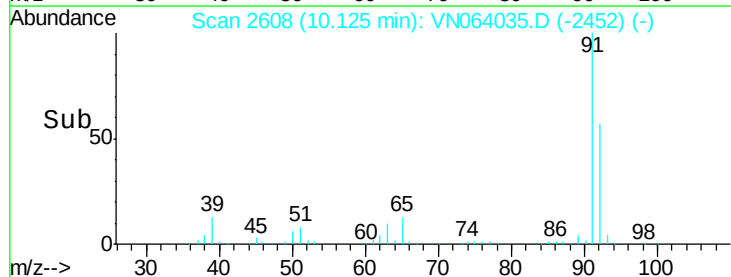
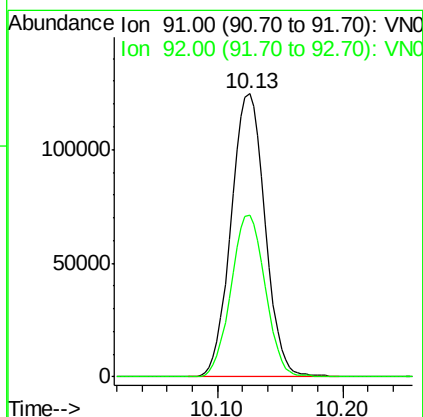
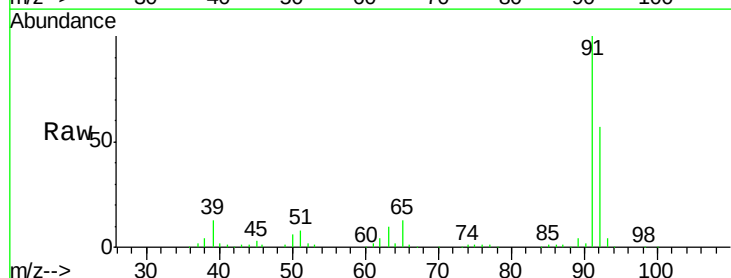
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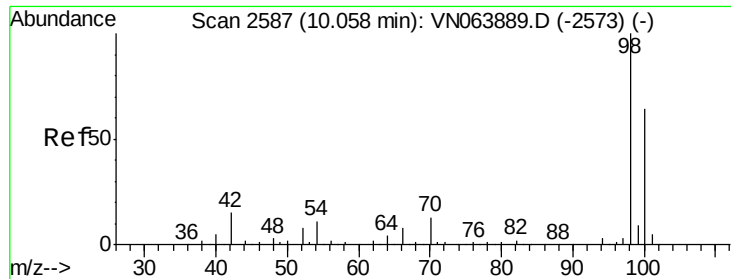
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#62
Toluene
Concen: 18.167 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.5	45.5	68.3





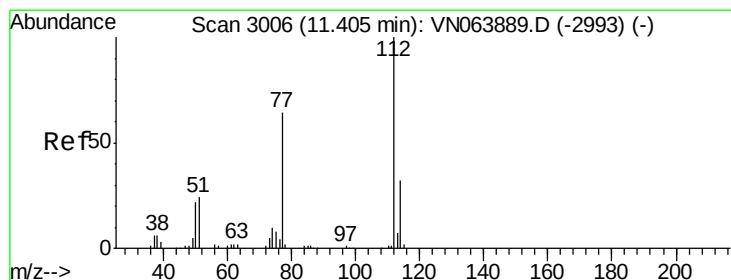
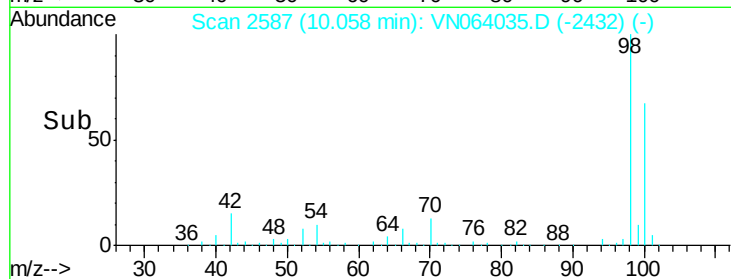
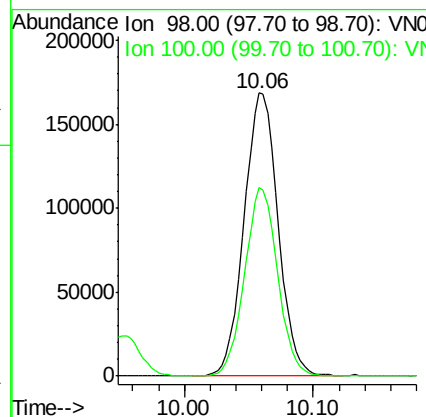
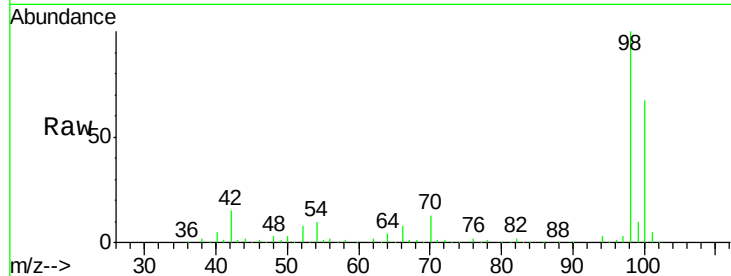
#63
Toluene-d8
Concen: 30.351 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

Tot Ion: 98 Resp: 309835
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.2

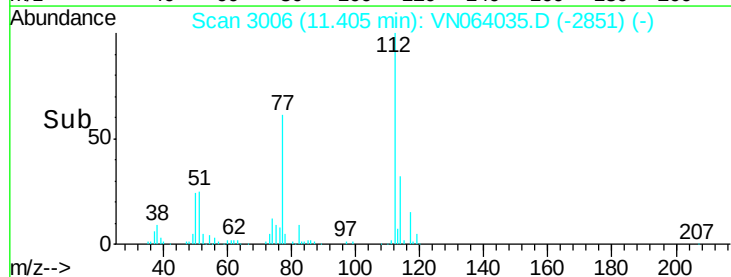
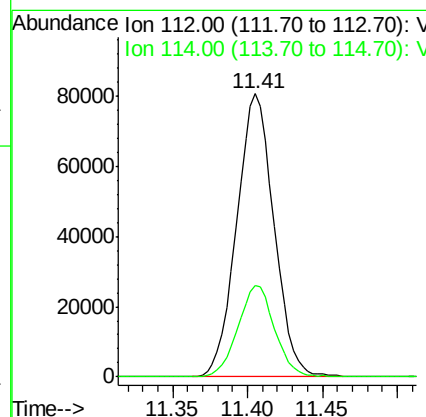
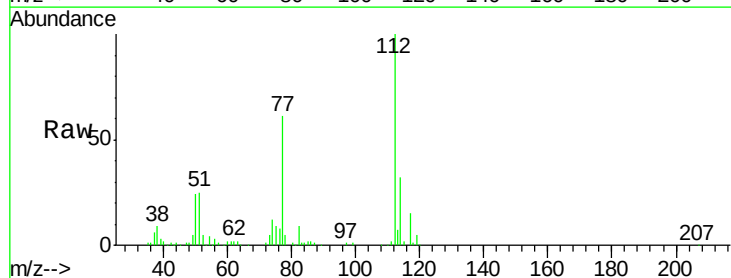
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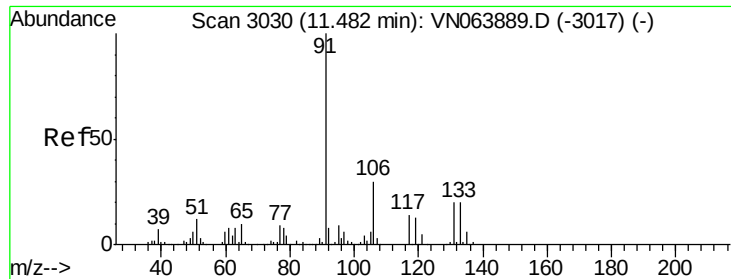
MMDadoda
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#64
Chlorobenzene
Concen: 17.845 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Tgt Ion: 112 Resp: 139927
Ion Ratio Lower Upper
112 100
114 32.3 25.1 37.7





#65

1,1,1,2-Tetrachloroethane

Concen: 18.195 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD01

Tot Ion:131 Resp: 55798

Ion Ratio Lower Upper

131 100

133 93.0 0.0 191.2

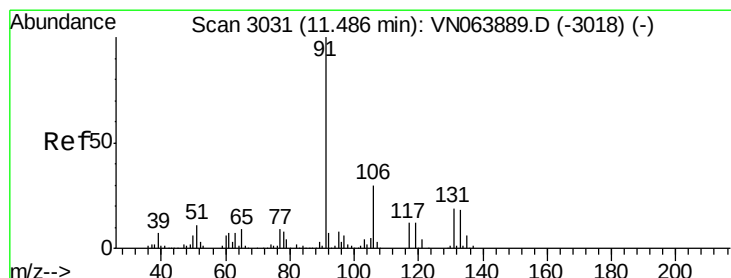
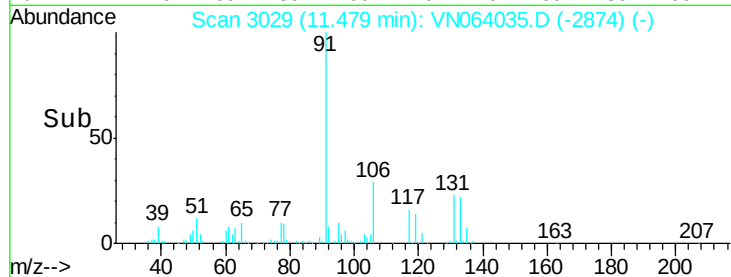
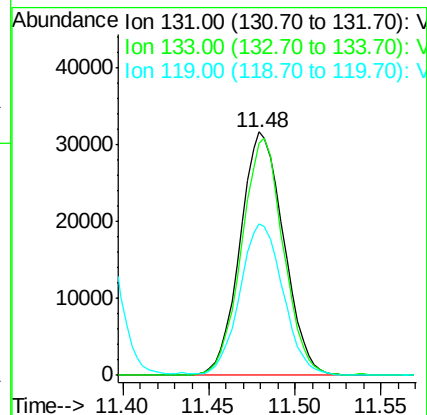
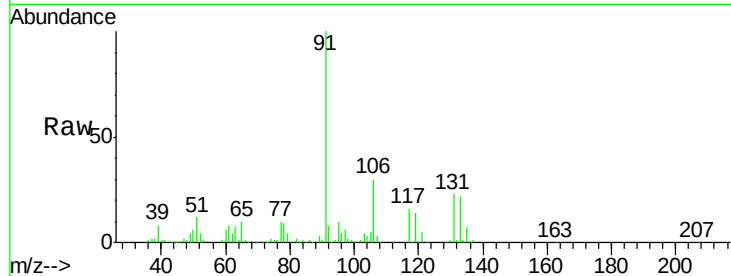
119 61.9 0.0 134.2

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#66

Ethyl Benzene

Concen: 17.506 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN064035.D

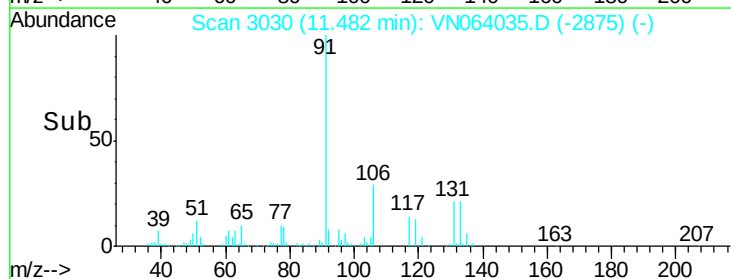
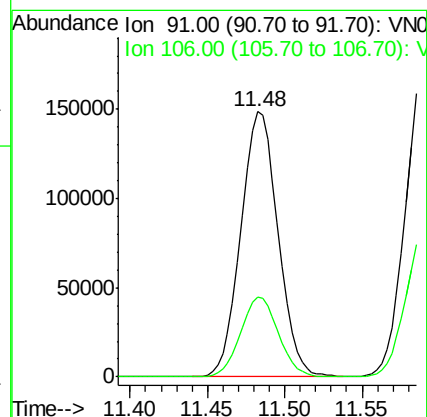
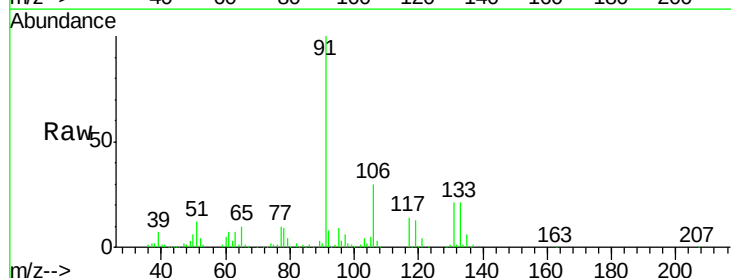
Acq: 9 Oct 2020 14:03

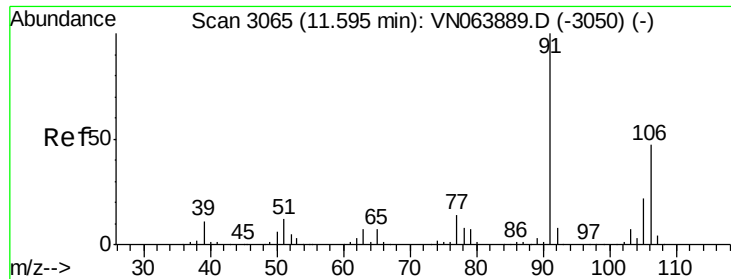
Tgt Ion: 91 Resp: 248705

Ion Ratio Lower Upper

91 100

106 30.4 25.0 37.4





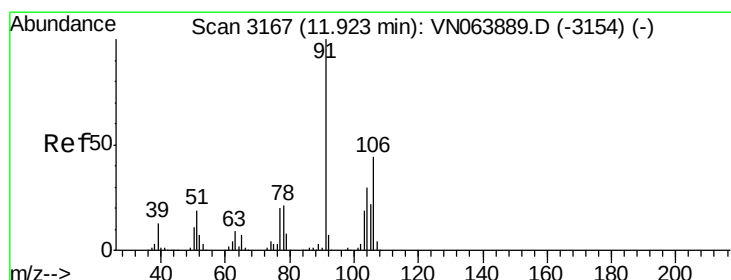
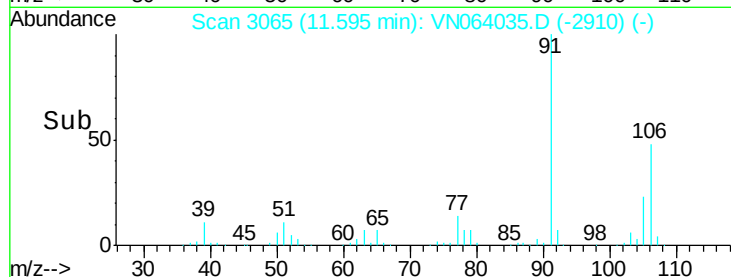
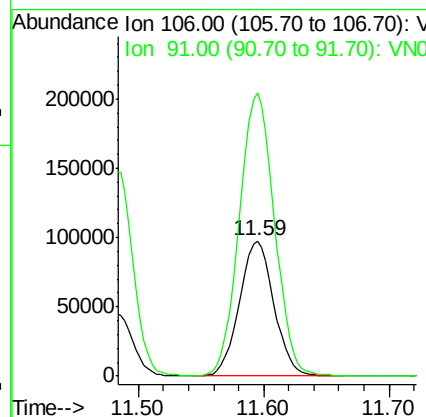
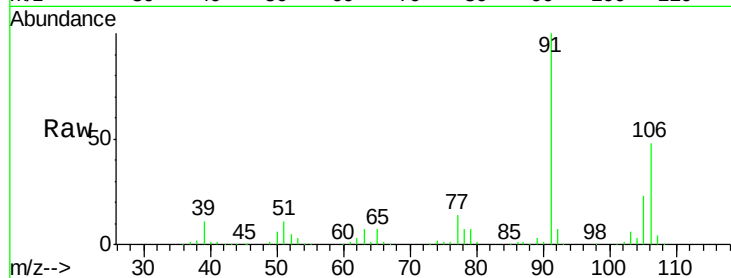
#67
m/p-Xylenes
Concen: 35.364 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

Tot Ion:106 Resp: 186830
Ion Ratio Lower Upper
106 100
91 212.1 164.9 247.3

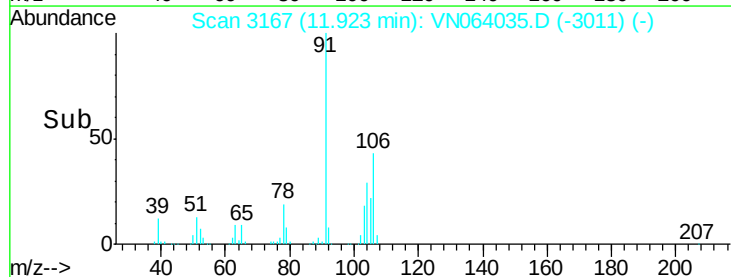
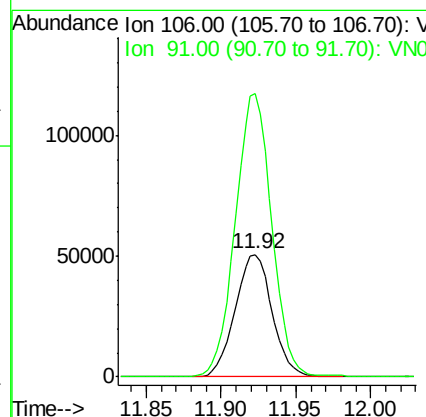
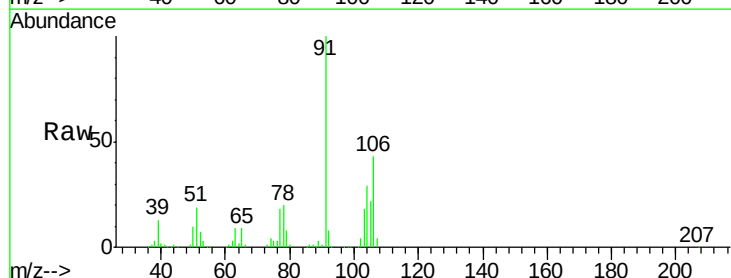
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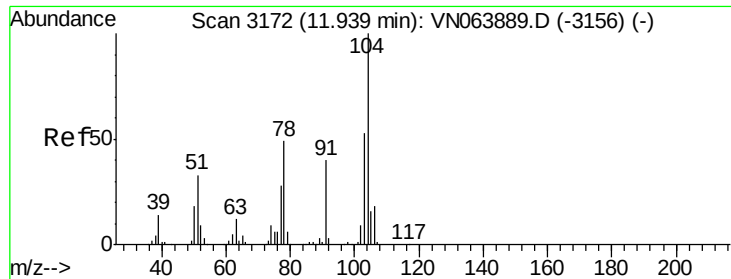
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#68
o-Xylene
Concen: 17.345 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Tgt Ion:106 Resp: 87304
Ion Ratio Lower Upper
106 100
91 227.7 108.0 324.0





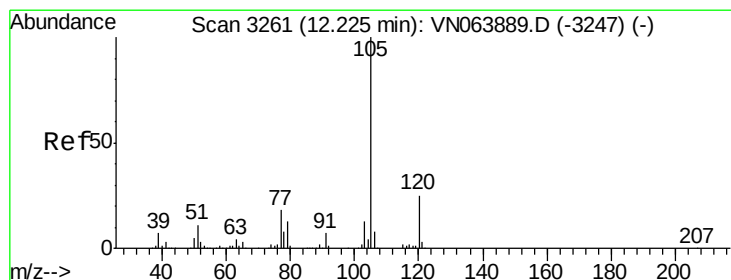
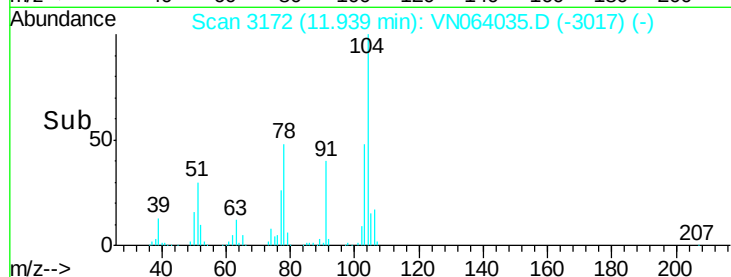
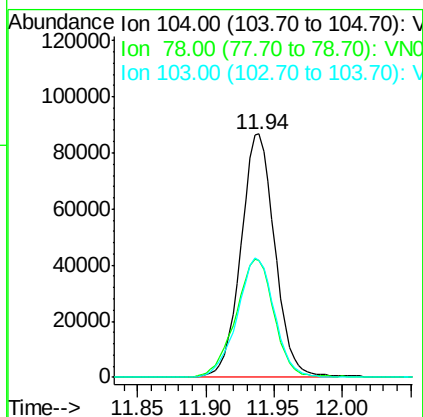
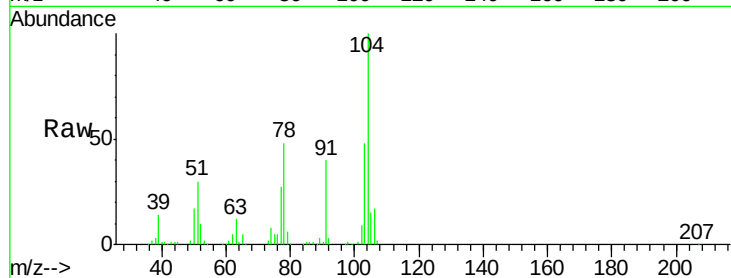
#69
Stvrene
Concen: 17.445 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
104	100	149828		
78	54.8		39.6	59.4
103	53.6		44.4	66.6

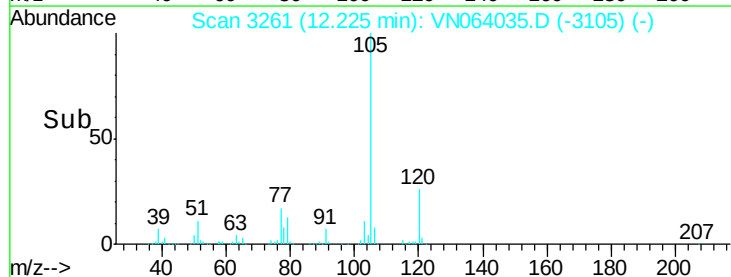
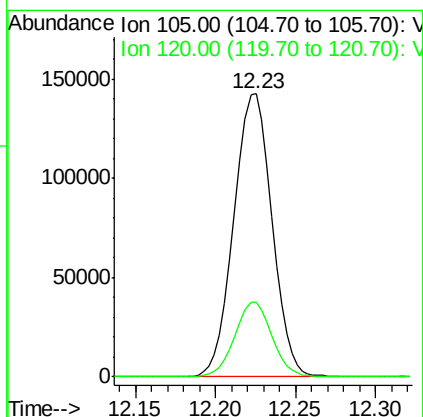
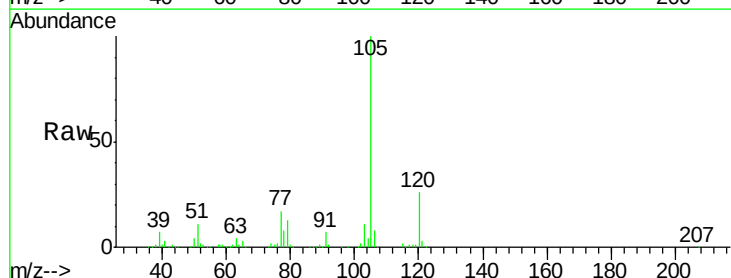
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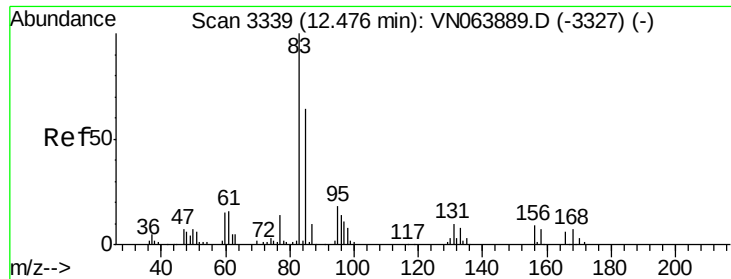
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#70
Isopropylbenzene
Concen: 17.362 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	232215		
120	25.5		18.5	34.3





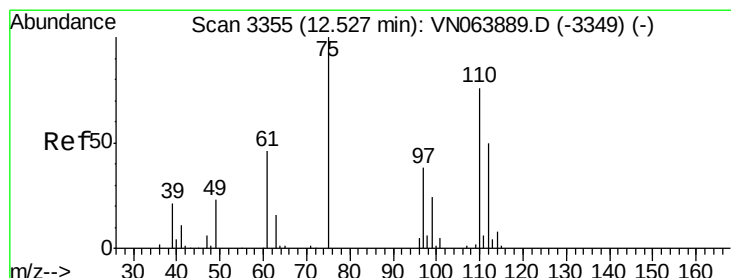
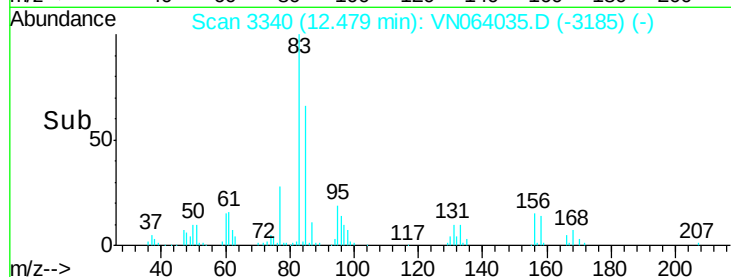
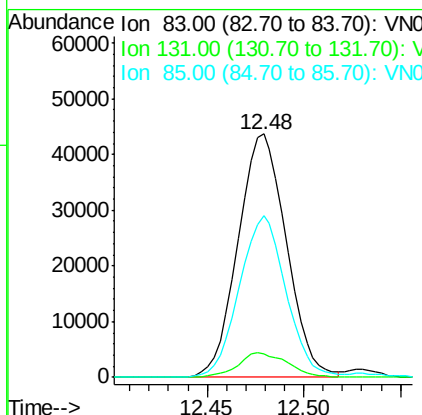
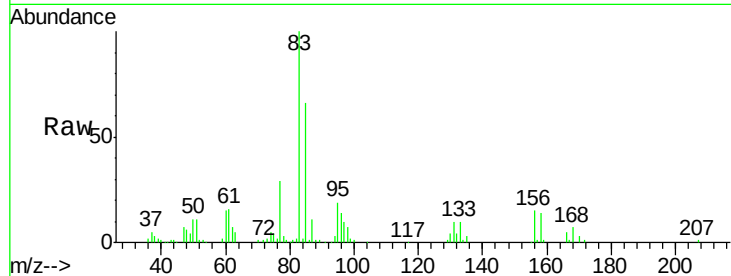
#71
 1,1,2,2-Tetrachloroethane
 Concen: 17.968 ug/l
 RT: 12.48 min Scan# 3340
 Delta R.T. -0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.3	4.5	13.7
85	64.2	31.8	95.3

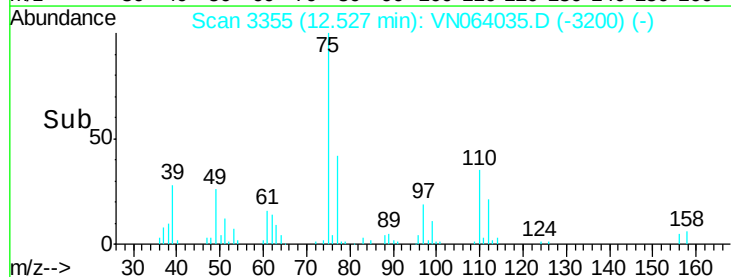
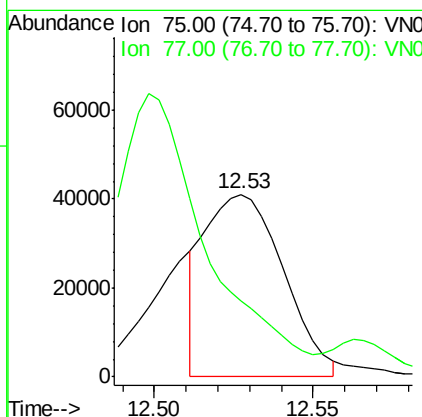
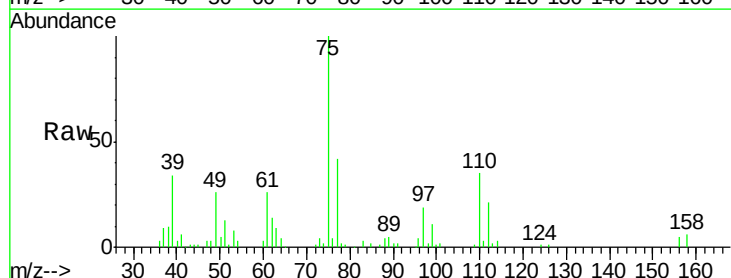
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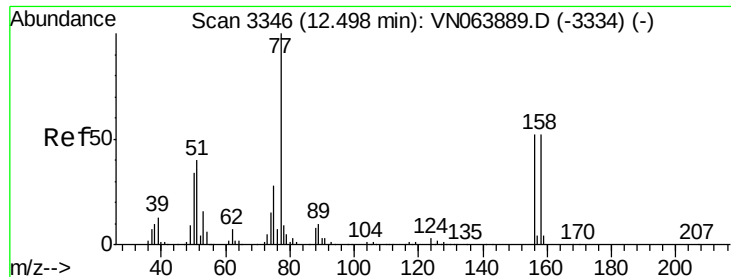
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#72
 1,2,3-Trichloropropane
 Concen: 16.387 ug/l m
 RT: 12.53 min Scan# 3355
 Delta R.T. -0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
75	100		
77	186.0	0.0	387.8





#73

Bromobenzene

Concen: 17.277 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

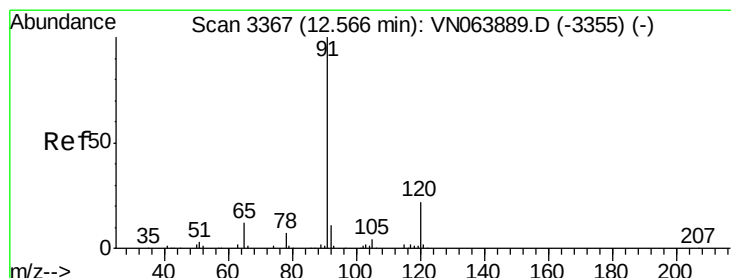
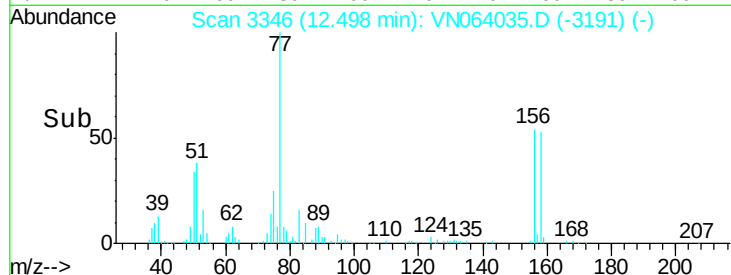
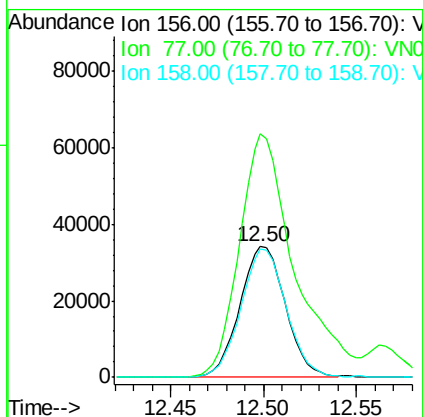
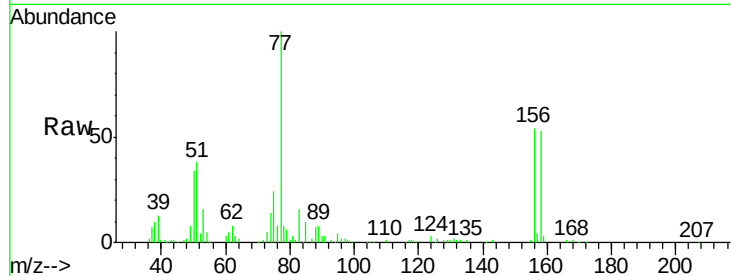
ClientSampleId :

VN1009WBSD01

Tot Ion:	156	Resp:	58567
Ion	Ratio	Lower	Upper
156	100		
77	224.3	0.0	398.6
158	97.7	0.0	195.4

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#74

n-propylbenzene

Concen: 17.202 ug/l

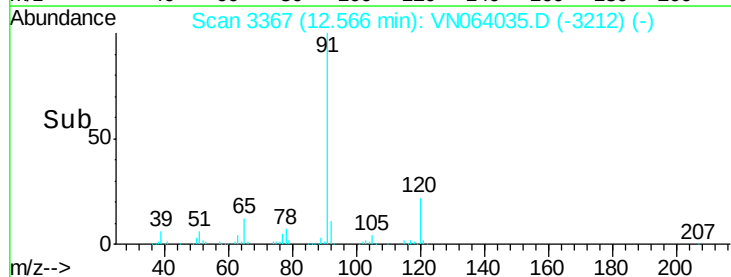
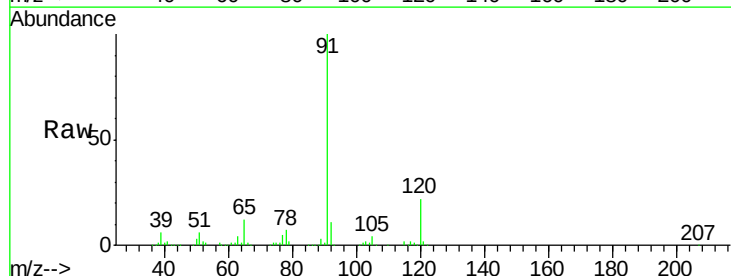
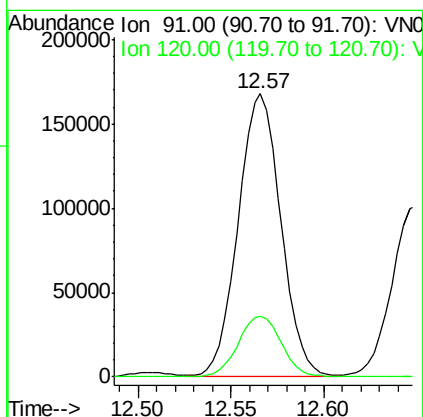
RT: 12.57 min Scan# 3367

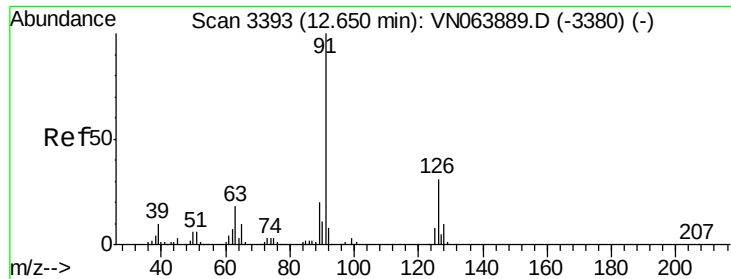
Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Tgt Ion:	91	Resp:	268947
Ion	Ratio	Lower	Upper
91	100		
120	21.7	0.0	44.0





#75

2-Chlorotoluene

Concen: 17.601 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD01

Tot Ion: 91 Resp: 167860

Ion Ratio Lower Upper

91 100

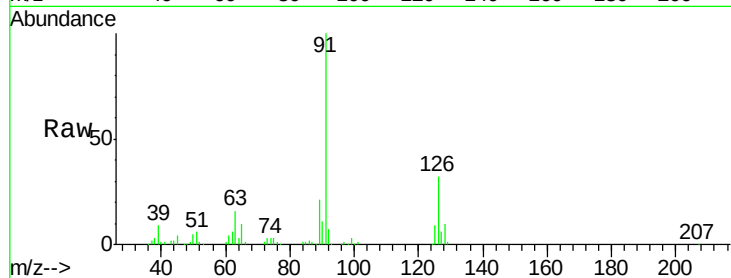
126 32.7 0.0 68.0

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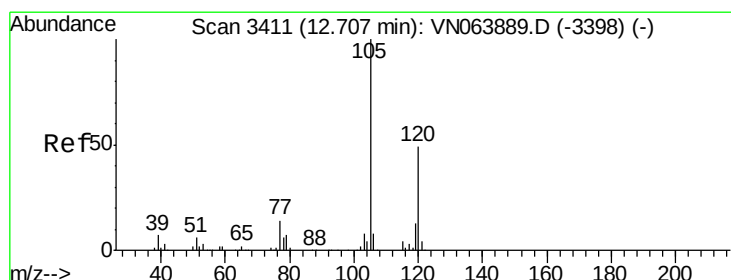
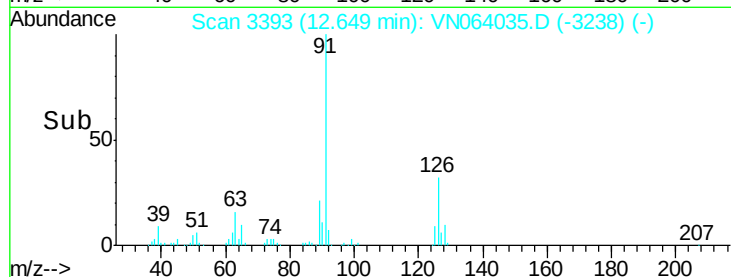
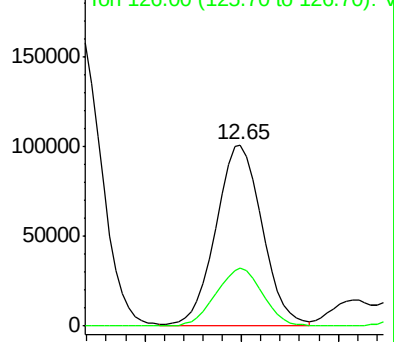
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Abundance Ion 91.00 (90.70 to 91.70): VN063889.D (-3380) (-)



#76

1,3,5-Trimethylbenzene

Concen: 17.468 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064035.D

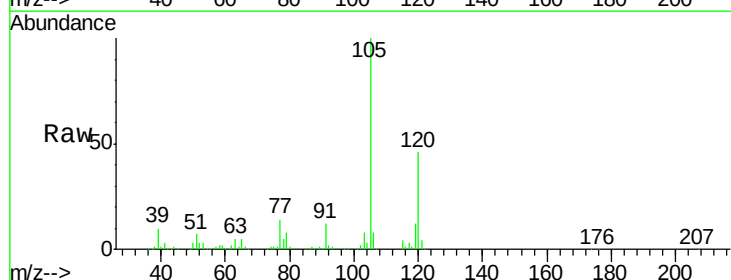
Acq: 9 Oct 2020 14:03

Tgt Ion: 105 Resp: 197013

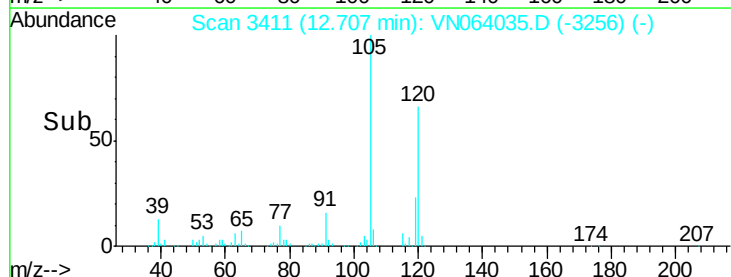
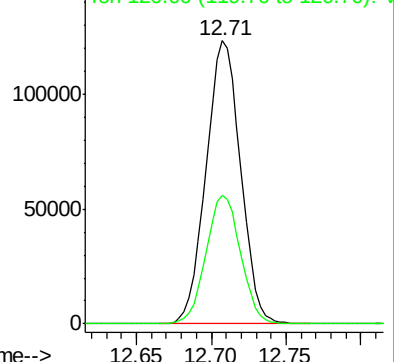
Ion Ratio Lower Upper

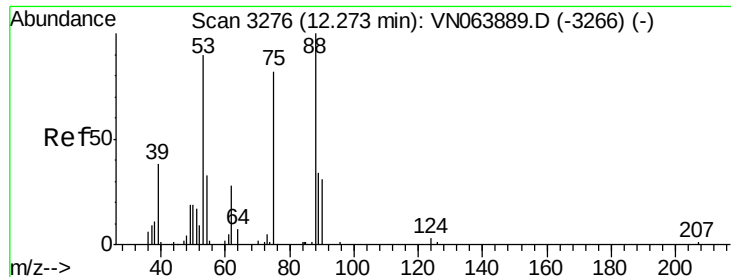
105 100

120 45.7 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): VN063889.D (-3398) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 15.600 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

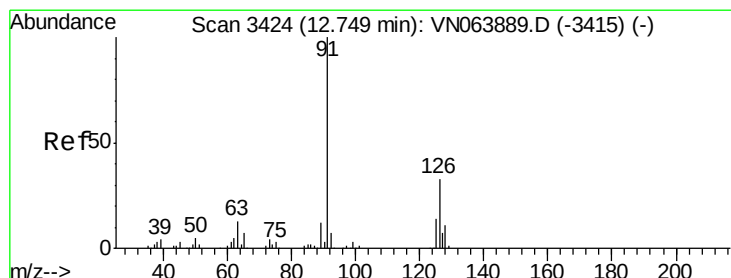
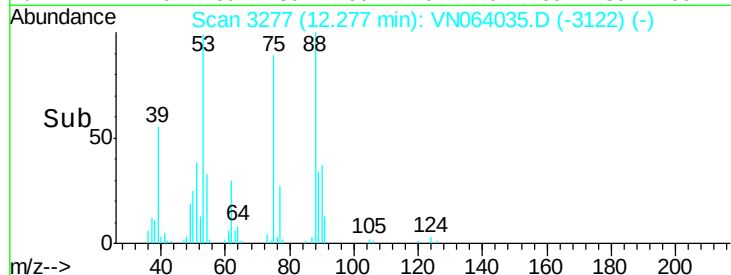
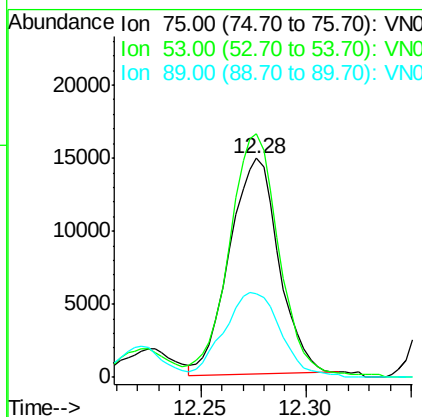
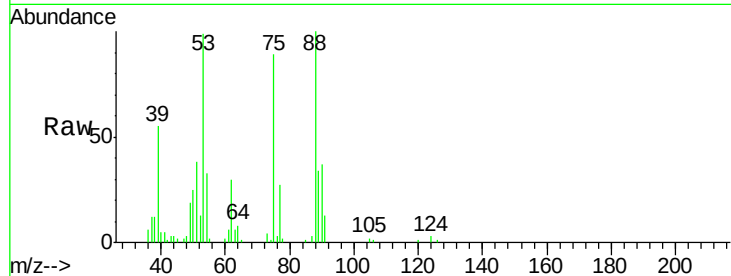
ClientSampleId :

VN1009WBSD01

Tot Ion:	75	Resp:	23920
Ion	Ratio	Lower	Upper
75	100		
53	112.0	47.0	141.0
89	37.7	22.9	68.7

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#78

4-Chlorotoluene

Concen: 17.264 ug/l

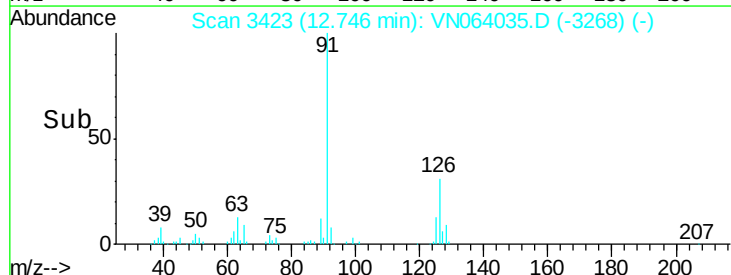
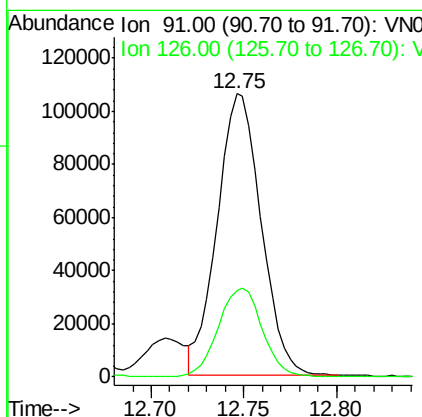
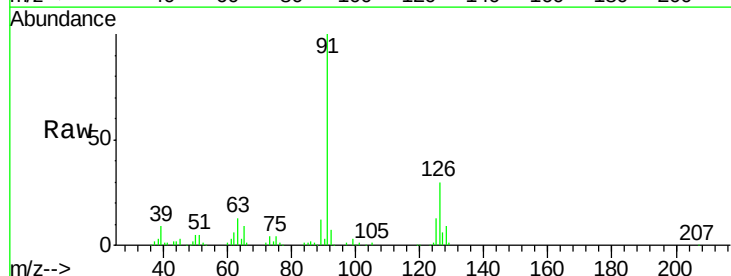
RT: 12.75 min Scan# 3423

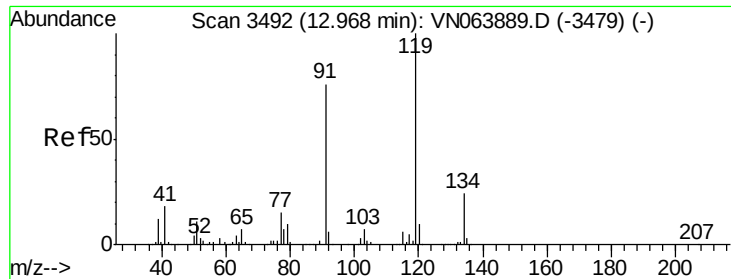
Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Tgt Ion:	91	Resp:	174346
Ion	Ratio	Lower	Upper
91	100		
126	31.7	0.0	65.0





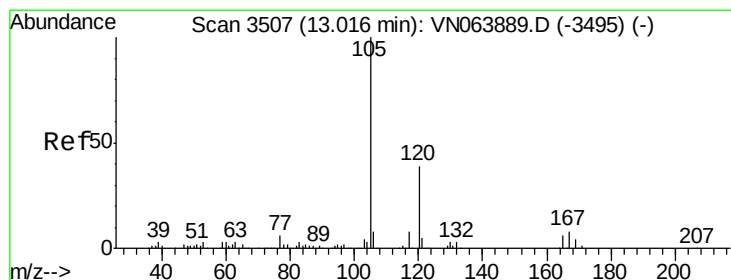
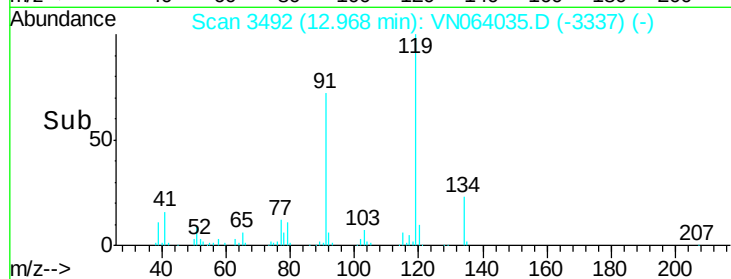
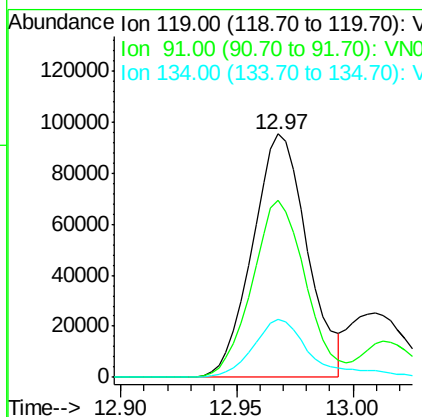
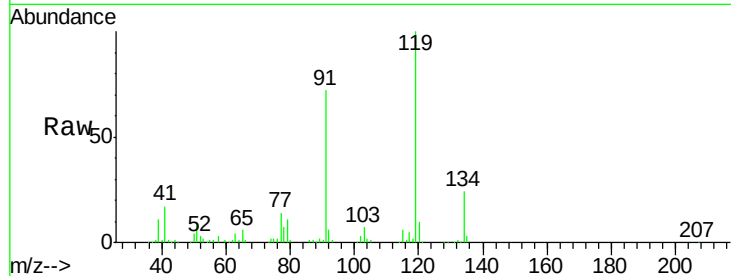
#79
 tert-butylbenzene
 Concen: 17.385 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	157089		
91	70.9	0.0	136.8	
134	25.7	0.0	48.8	

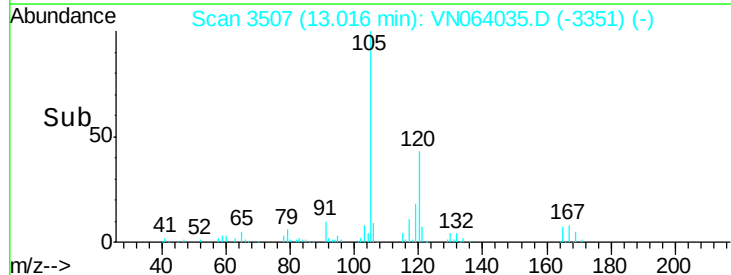
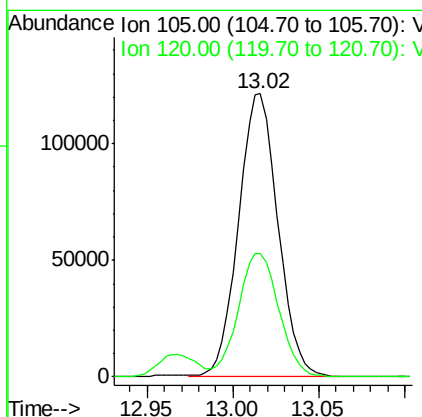
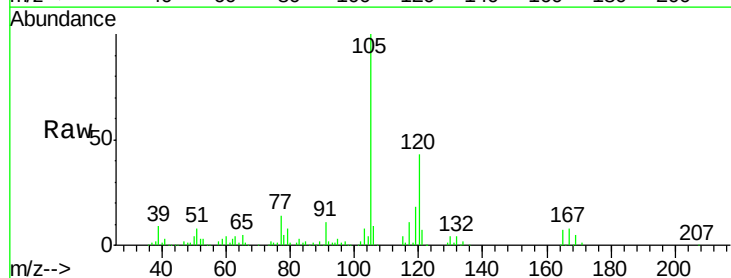
Manual Integrations
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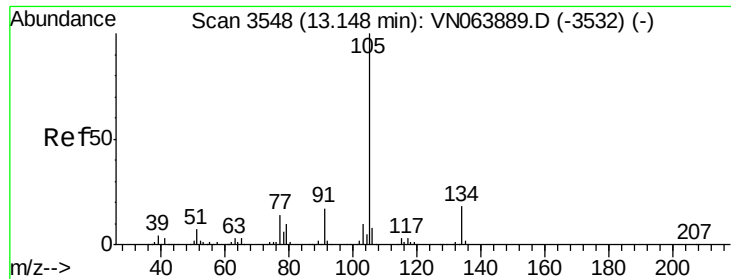
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#80
 1,2,4-Trimethylbenzene
 Concen: 16.991 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	192106		
120	45.1	0.0	90.4	





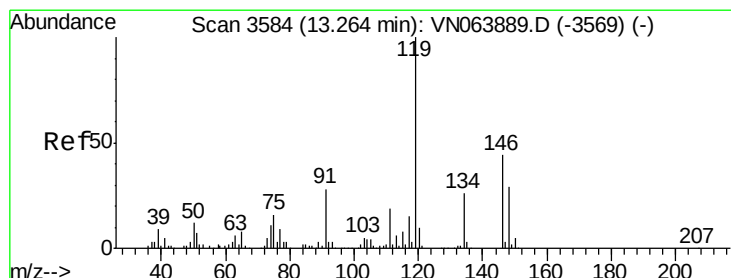
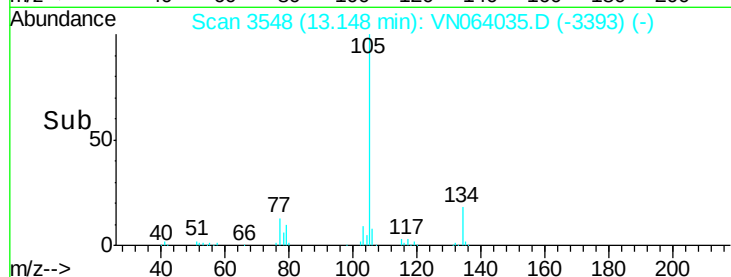
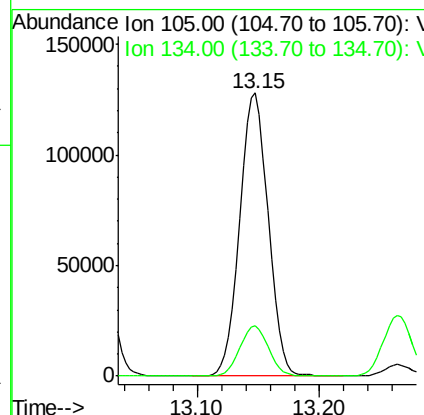
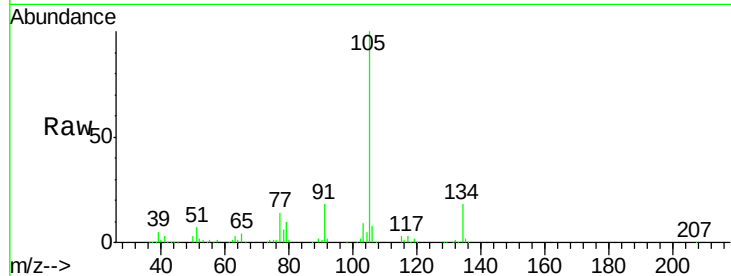
#81
 sec-Butylbenzene
 Concen: 17.447 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. -0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	207211		
134	17.8	0.0	39.4	

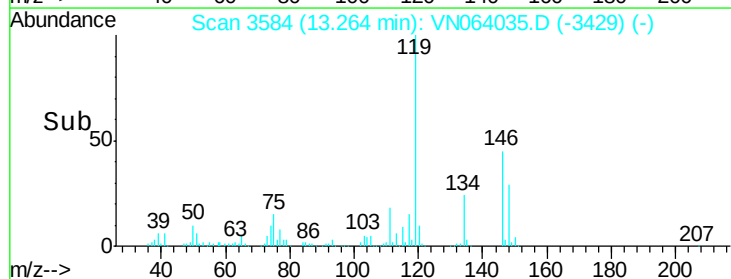
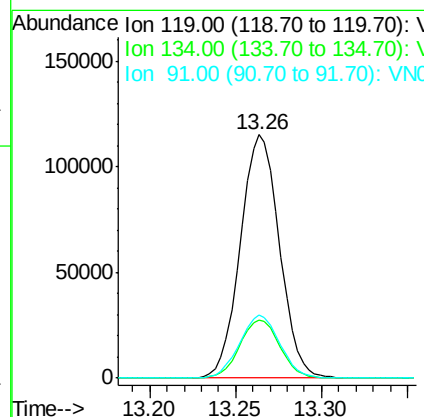
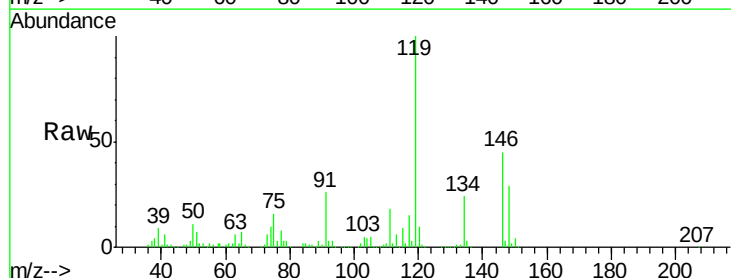
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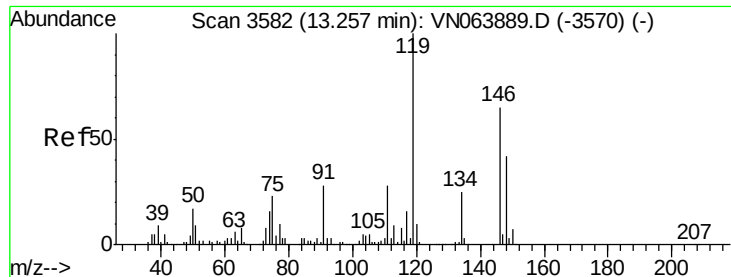
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#82
 p-Isopropyltoluene
 Concen: 16.888 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	181285		
134	24.5	0.0	52.2	
91	26.9	0.0	46.2	





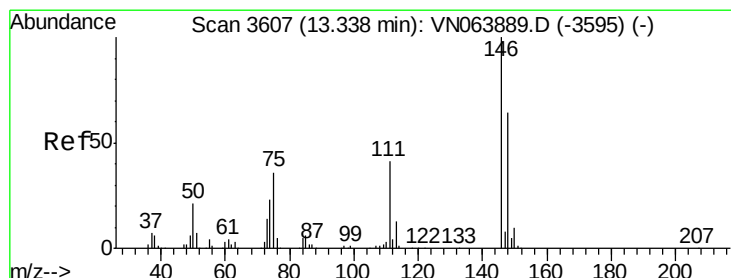
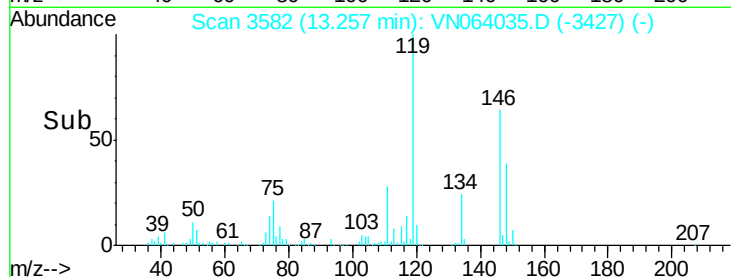
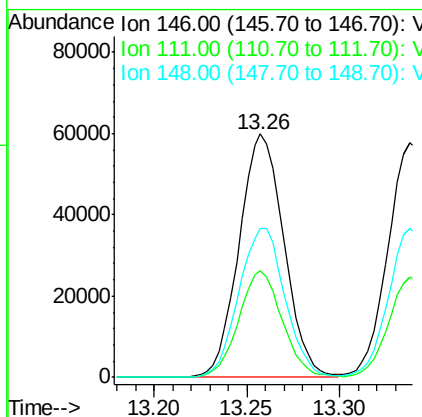
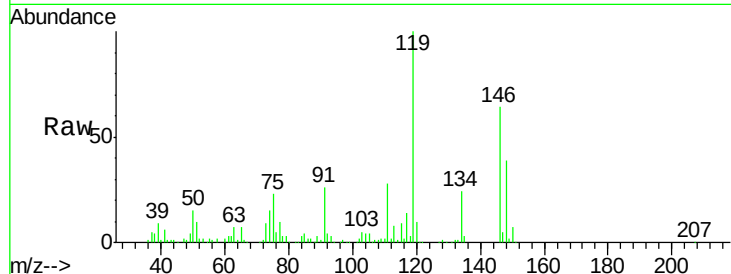
#83
1,3-Dichlorobenzene
Concen: 16.673 ug/l
RT: 13.26 min Scan# 3582
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	19.4	58.1
148	63.0	31.5	94.5

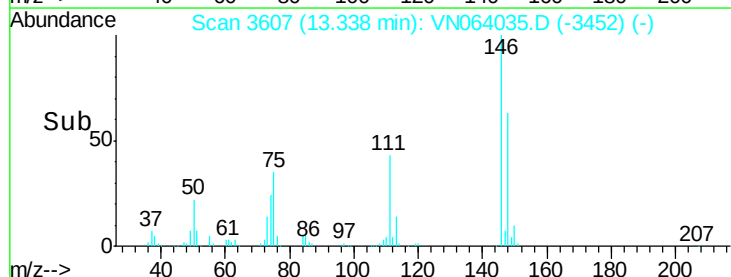
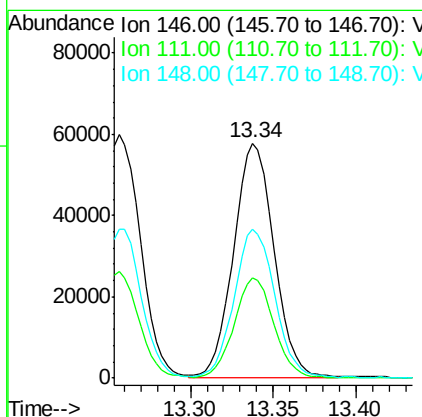
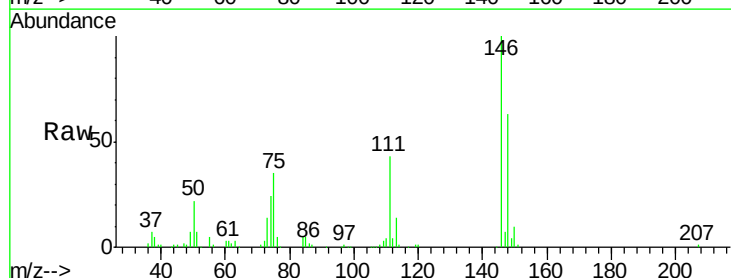
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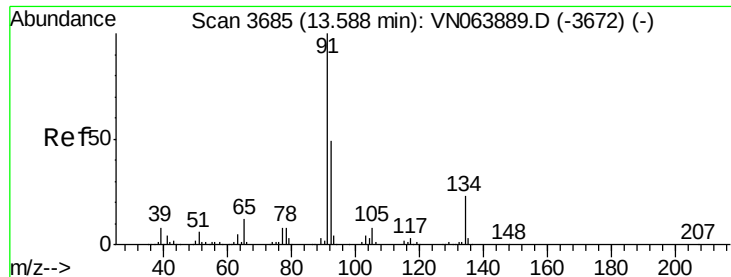
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#84
1,4-Dichlorobenzene
Concen: 16.361 ug/l
RT: 13.34 min Scan# 3607
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	18.6	55.8
148	64.4	31.6	94.8





#85

n-Butylbenzene

Concen: 16.182 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064035.D

Acq: 9 Oct 2020 14:03

Instrument :

MSVOA_N

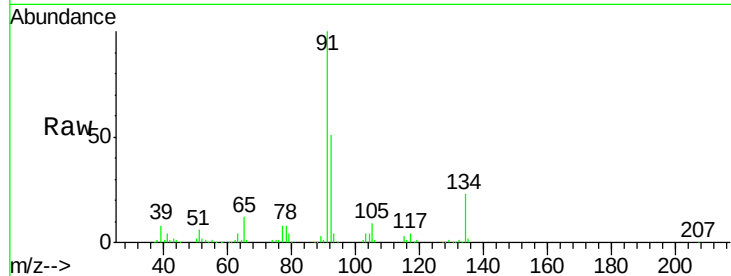
ClientSampleId :

VN1009WBSD01

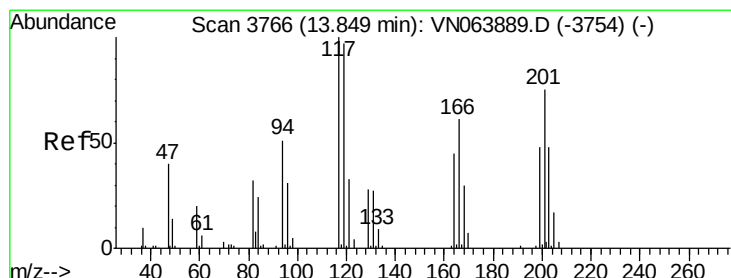
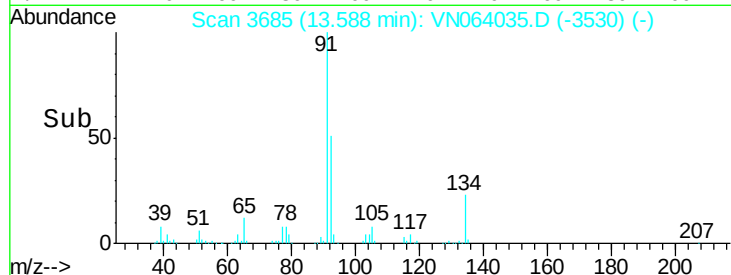
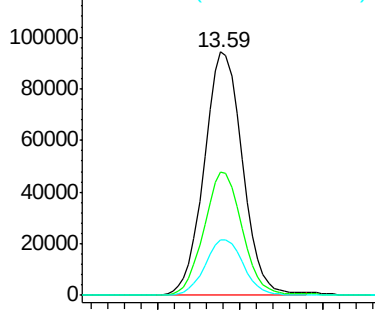
Tot Ion:	91	Resp:	151971
Ion	Ratio	Lower	Upper
91	100		
92	50.3	0.0	100.6
134	22.9	0.0	47.4

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Abundance Ion 91.00 (90.70 to 91.70): VN063889.D (-3672) (-)



#86

Hexachloroethane

Concen: 17.269 ug/l

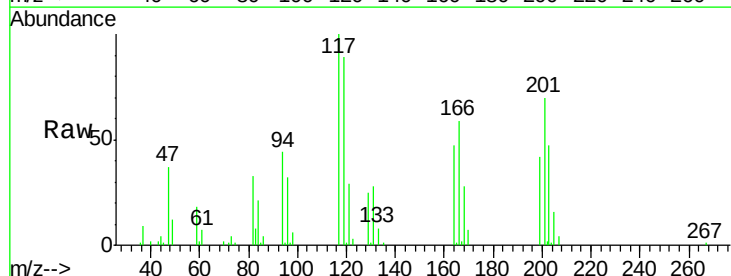
RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

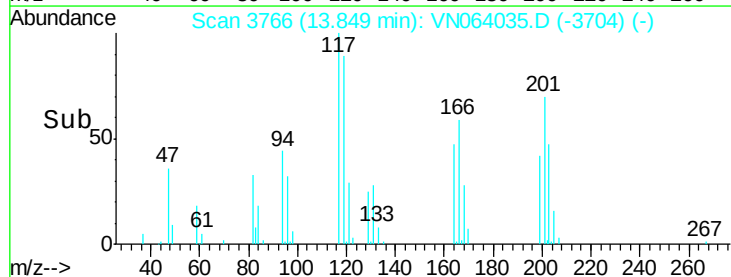
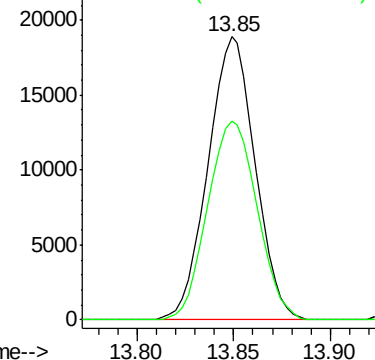
Lab File: VN064035.D

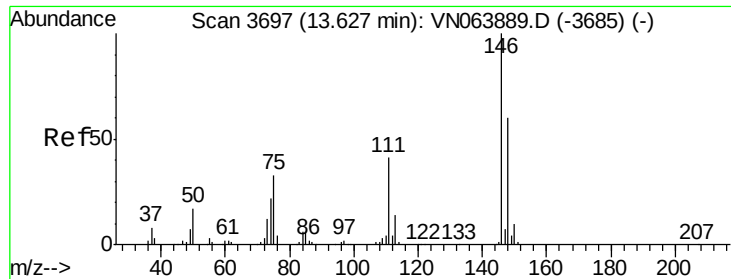
Acq: 9 Oct 2020 14:03

Tgt Ion:	117	Resp:	31948
Ion	Ratio	Lower	Upper
117	100		
201	74.0	46.1	138.3



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





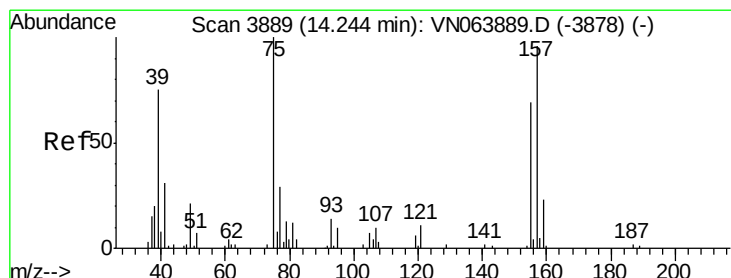
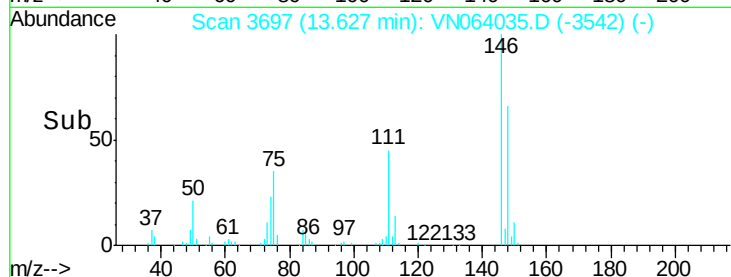
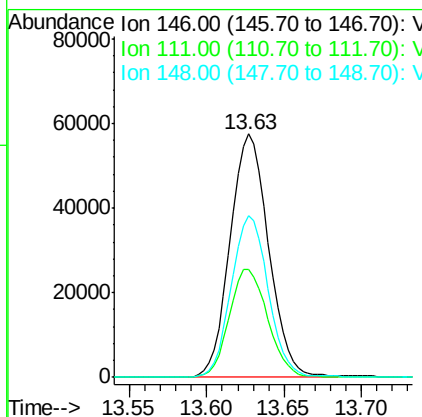
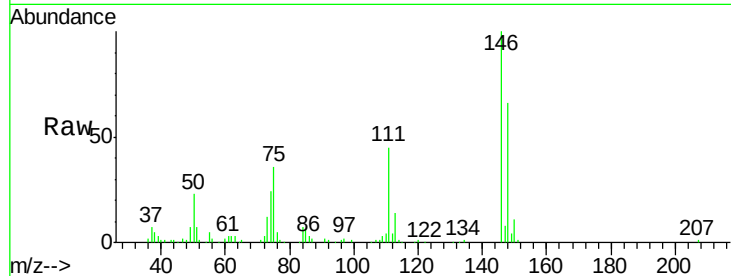
#87
 1,2-Dichlorobenzene
 Concen: 16.812 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	19.1	57.3
148	63.7	31.8	95.4

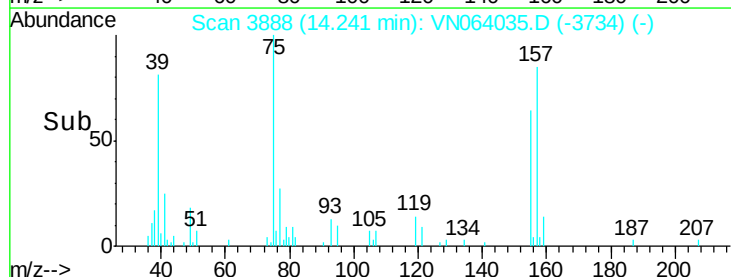
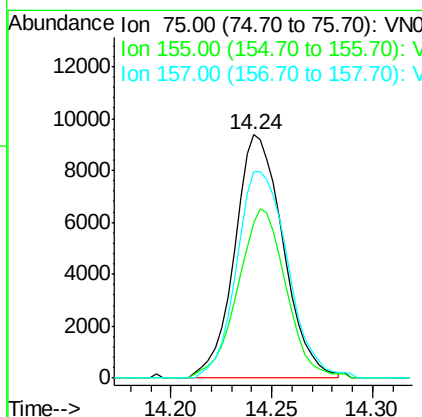
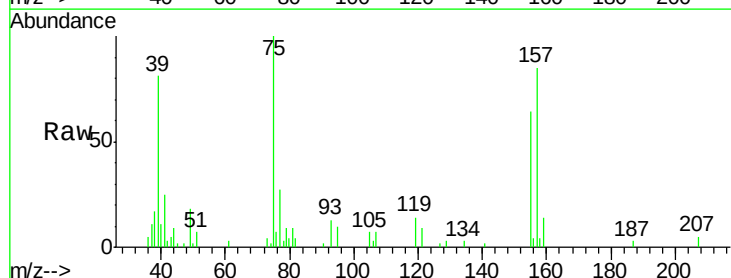
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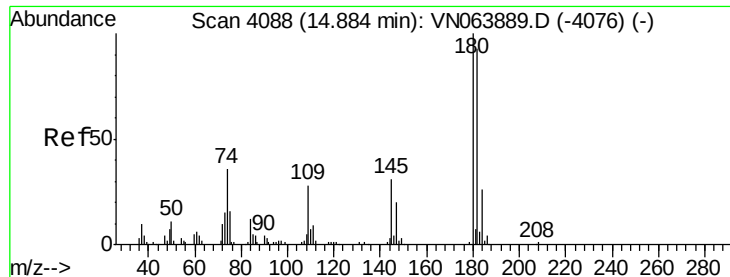
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 15.674 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.6	64.8	97.2
157	89.1	81.2	121.8





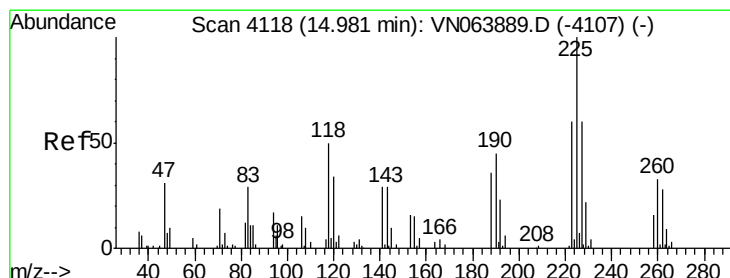
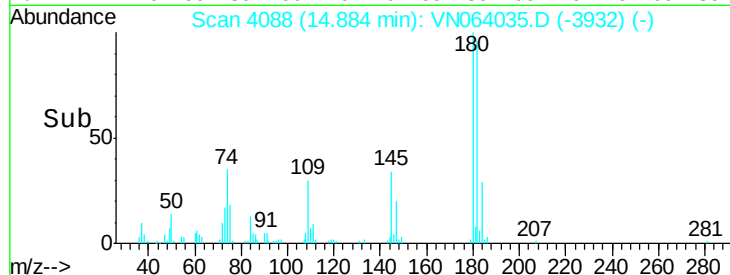
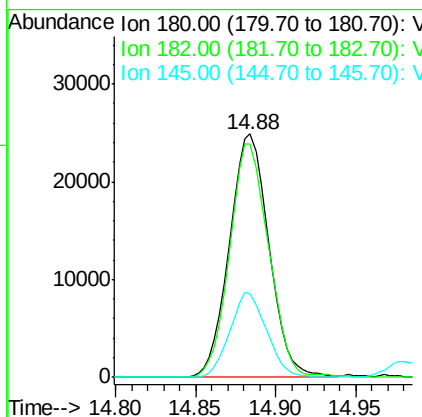
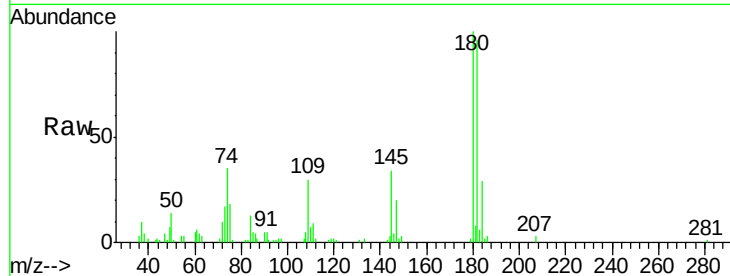
#89
 1,2,4-Trichlorobenzene
 Concen: 13.971 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.9	115.3
145	32.1	21.9	32.9

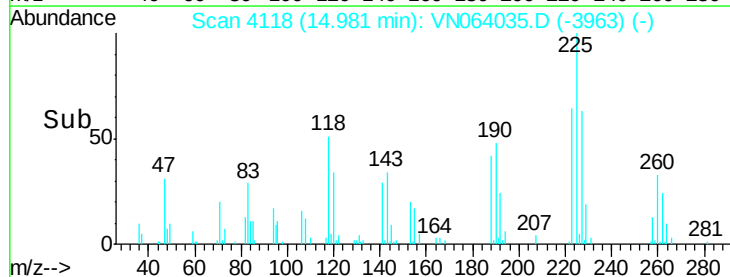
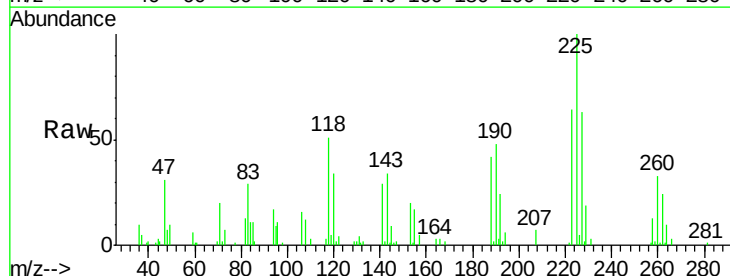
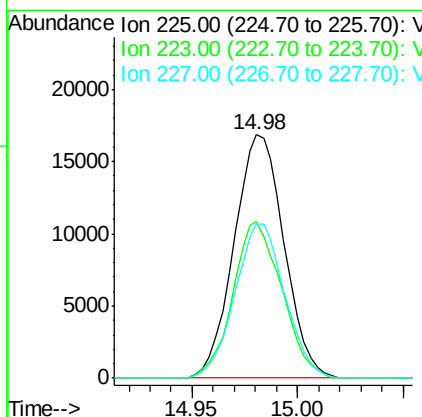
Manual Integrations
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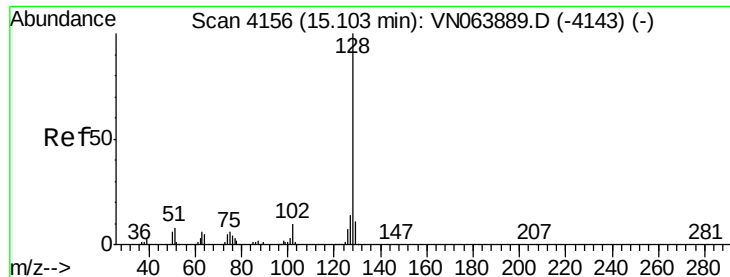
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#90
 Hexachlorobutadiene
 Concen: 17.408 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064035.D
 Acq: 9 Oct 2020 14:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	0.0	122.8
227	63.1	0.0	125.6





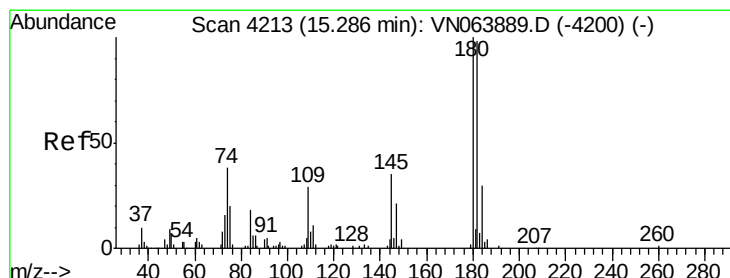
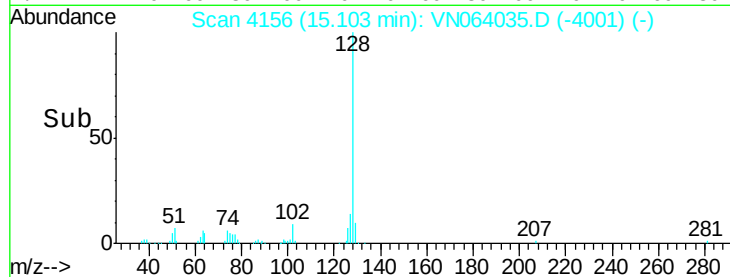
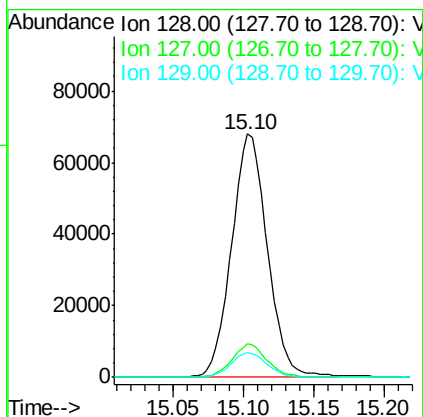
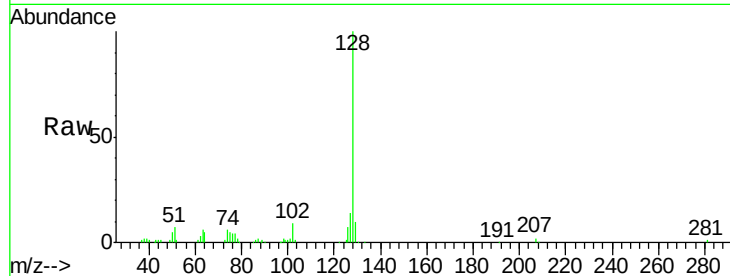
#91
Naphthalene
Concen: 13.167 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	121126		
127	13.3		11.1	16.7
129	10.1		8.4	12.6

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#92
1,2,3-Trichlorobenzene
Concen: 14.071 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN064035.D
Acq: 9 Oct 2020 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	41213		
182	97.4		0.0	188.0
145	35.3		0.0	62.0

