

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091420\
 Data File : VN063334.D
 Acq On : 14 Sep 2020 11:38
 Operator : JC/MD
 Sample : VN0914WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/15/2020 1:58:54 PM

Quant Time: Sep 15 05:32:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	474039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	826199	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	742507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	339243	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	365224	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
35) Dibromofluoromethane	7.55	113	278094	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
50) Toluene-d8	10.06	98	1057604	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
62) 4-Bromofluorobenzene	12.38	95	382772	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	81299	17.857	ug/l	98
3) Chloromethane	2.04	50	119661	18.538	ug/l	96
4) Vinyl Chloride	2.16	62	120712	18.741	ug/l	100
5) Bromomethane	2.54	94	82067	18.262	ug/l	98
6) Chloroethane	2.68	64	76647	18.191	ug/l	99
7) Trichlorofluoromethane	2.98	101	187889	18.863	ug/l	99
8) Diethyl Ether	3.37	74	63121	17.772	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	96940	18.628	ug/l	98
10) Methyl Iodide	3.91	142	120873	17.918	ug/l	100
11) Tert butyl alcohol	4.73	59	92795	94.237	ug/l	100
12) 1,1-Dichloroethene	3.70	96	93158	17.933	ug/l	98
13) Acrolein	3.57	56	41709	100.070	ug/l	97
14) Allyl chloride	4.28	41	183491	17.207	ug/l	97
15) Acrylonitrile	4.93	53	246226	91.455	ug/l	99
16) Acetone	3.77	43	227151	88.325	ug/l	100
17) Carbon Disulfide	4.01	76	271040	17.982	ug/l	100
18) Methyl Acetate	4.28	43	117924	18.241	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	338495	18.236	ug/l	100
20) Methylene Chloride	4.51	84	114205	18.708	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	103932	17.878	ug/l	99
22) Diisopropyl ether	5.90	45	381707	18.189	ug/l	97
23) Vinyl Acetate	5.84	43	1565035	94.744	ug/l	100
24) 1,1-Dichloroethane	5.80	63	207883	18.292	ug/l	99
25) 2-Butanone	6.78	43	346494	91.208	ug/l	99
26) 2,2-Dichloropropane	6.77	77	181303	18.201	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	119969	17.708	ug/l	98
28) Bromochloromethane	7.15	49	104004	18.873	ug/l	97
29) Tetrahydrofuran	7.16	42	227276	91.879	ug/l	98
30) Chloroform	7.33	83	208250	18.301	ug/l	100
31) Cyclohexane	7.61	56	193643	18.538	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	182593	18.408	ug/l	100
36) 1,1-Dichloropropene	7.75	75	152186	17.920	ug/l	100
37) Ethyl Acetate	6.88	43	147398	17.642	ug/l #	81
38) Carbon Tetrachloride	7.73	117	158164	18.923	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	169859	18.334	ug/l	98
40) Benzene	8.00	78	460060	18.967	ug/l	99
41) Methacrylonitrile	7.12	41	61841	16.364	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	173161	18.816	ug/l	99
43) Isopropyl Acetate	8.12	43	261151	18.457	ug/l #	91
44) Trichloroethene	8.80	130	116253	18.327	ug/l	99
45) 1,2-Dichloropropane	9.08	63	126429	19.003	ug/l	98
46) Dibromomethane	9.17	93	80794	18.727	ug/l	99
47) Bromodichloromethane	9.37	83	166499	18.518	ug/l	98
48) Methyl methacrylate	9.16	41	121356	17.976	ug/l	99
49) 1,4-Dioxane	9.16	88	36398	348.212	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	756840	97.062	ug/l	100
52) Toluene	10.12	92	279627	18.882	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	183826	18.749	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	198116	18.767	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	109830	18.926	ug/l	99
56) Ethyl methacrylate	10.40	69	162866	18.456	ug/l	100
57) 1,3-Dichloropropane	10.68	76	194033	19.135	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	391896	82.792	ug/l	100
59) 2-Hexanone	10.72	43	544380	94.663	ug/l	99
60) Dibromochloromethane	10.87	129	120947	18.980	ug/l	100
61) 1,2-Dibromoethane	10.98	107	110097	18.199	ug/l	99
64) Tetrachloroethene	10.60	164	115220	18.943	ug/l	99
65) Chlorobenzene	11.41	112	296758	18.565	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.48	131	108636	18.653	ug/l	98
67) Ethyl Benzene	11.48	91	544776	18.984	ug/l	99
68) m/p-Xylenes	11.60	106	395107	37.221	ug/l	99
69) o-Xylene	11.92	106	191483	18.797	ug/l	100
70) Styrene	11.94	104	318716	18.824	ug/l	99
71) Bromoform	12.10	173	74644	18.530	ug/l #	100
73) Isopropylbenzene	12.22	105	516291	18.868	ug/l	99
74) N-amyl acetate	12.05	43	212585	18.923	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	147836	18.865	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	141694m	18.932	ug/l	
77) Bromobenzene	12.50	156	116394	18.505	ug/l	99
78) n-propylbenzene	12.57	91	598710	19.260	ug/l	99
79) 2-Chlorotoluene	12.65	91	353653	18.503	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	432438	19.032	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	50623	18.174	ug/l	96
82) 4-Chlorotoluene	12.75	91	364093	18.172	ug/l	100
83) tert-Butylbenzene	12.97	119	351744	18.254	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	430701	18.806	ug/l	98
85) sec-Butylbenzene	13.15	105	469302	19.143	ug/l	100
86) p-Isopropyltoluene	13.26	119	420378	18.704	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	210898	18.341	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	211761	18.619	ug/l	98
89) n-Butylbenzene	13.59	91	371309	18.301	ug/l	100
90) Hexachloroethane	13.85	117	70322	19.022	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	211209	18.584	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	31171	17.492	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	111900	16.821	ug/l	99
94) Hexachlorobutadiene	14.98	225	44442	17.714	ug/l	97
95) Naphthalene	15.10	128	338753	16.587	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	108742	17.670	ug/l	99

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

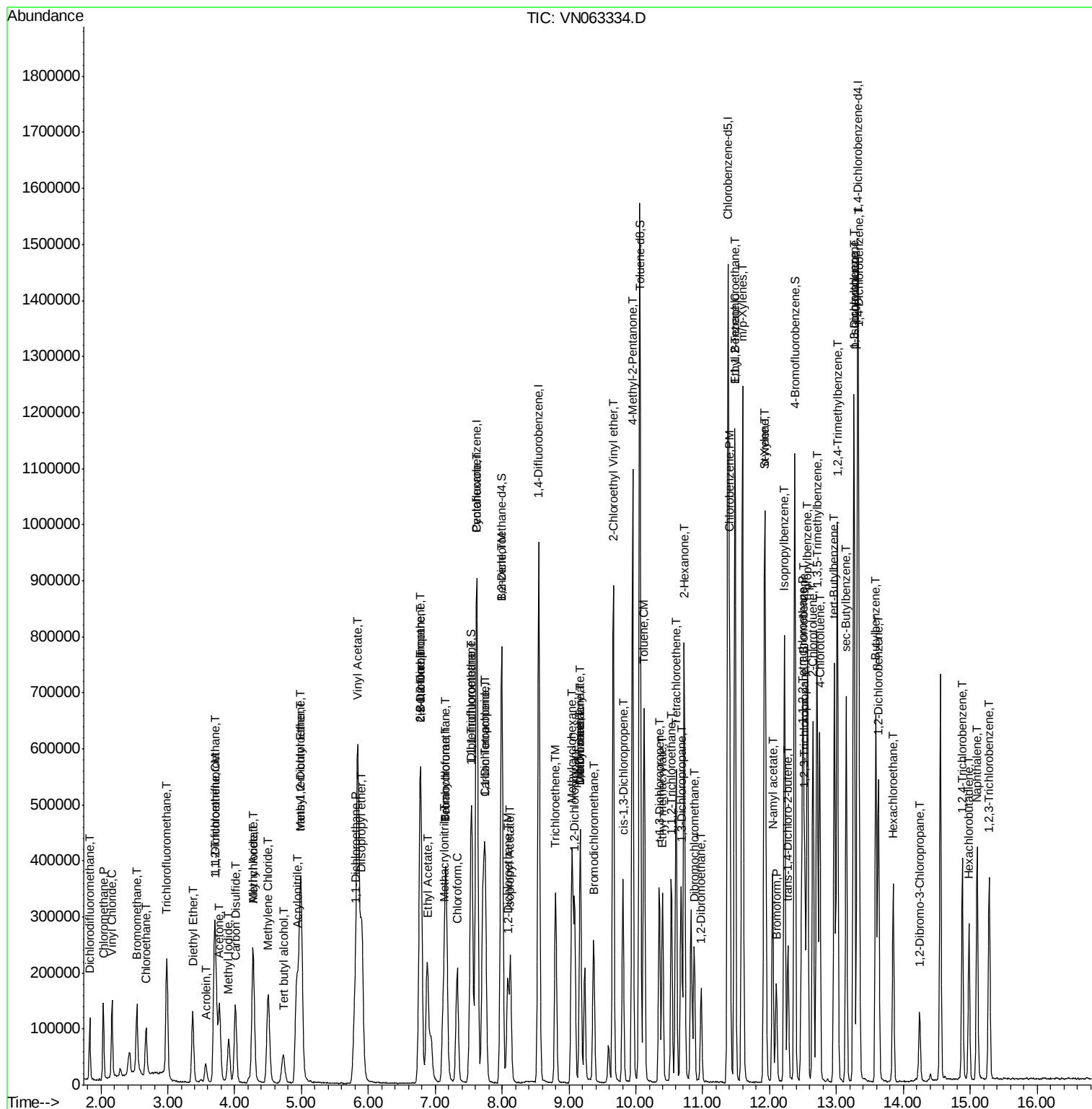
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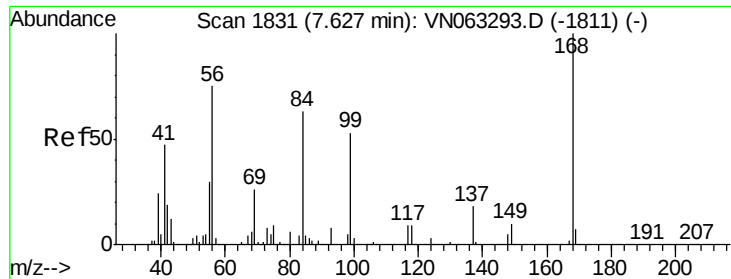
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

Tot Ion:168 Resp: 474039

Ion Ratio Lower Upper

168 100

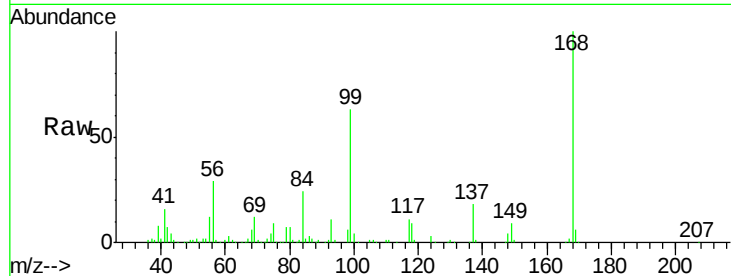
99 63.1 51.1 76.7

Manual Integrations

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9/15/2020 1:58:54 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

200000

150000

100000

50000

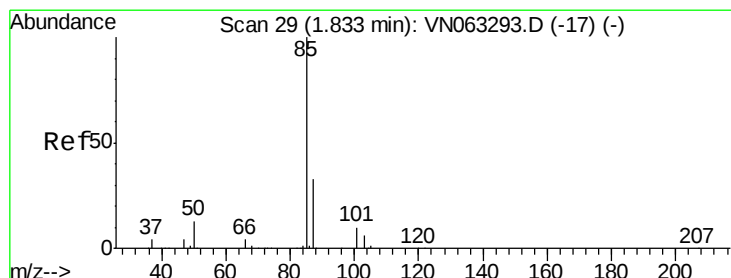
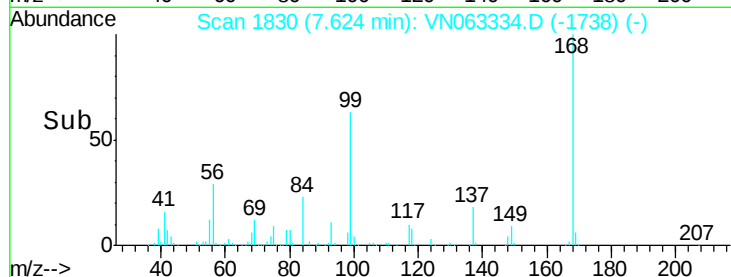
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.857 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063334.D

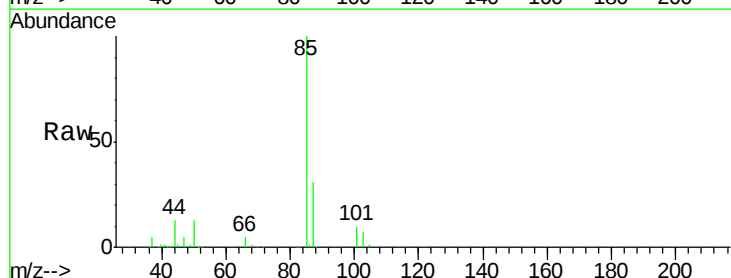
Acq: 14 Sep 2020 11:38

Tgt Ion: 85 Resp: 81299

Ion Ratio Lower Upper

85 100

87 31.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

60000

40000

20000

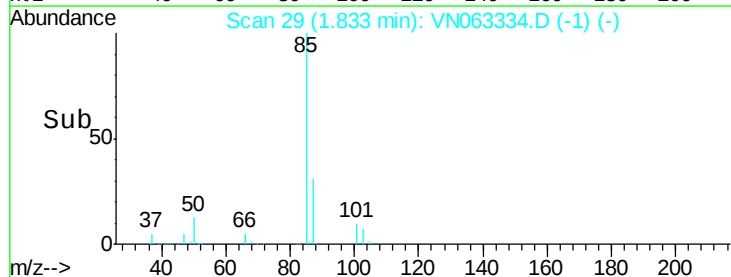
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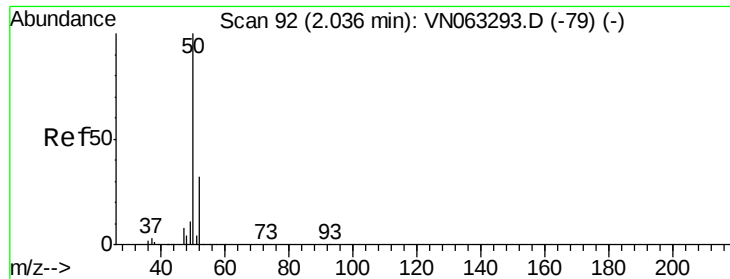
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 18.538 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

Tot Ion: 50 Resp: 119661

Ion Ratio Lower Upper

50 100

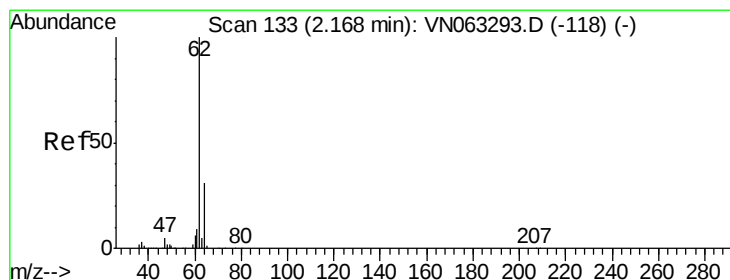
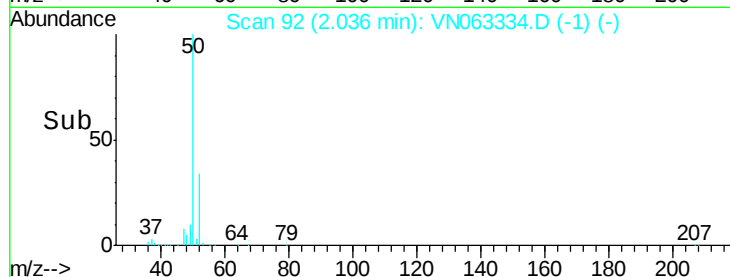
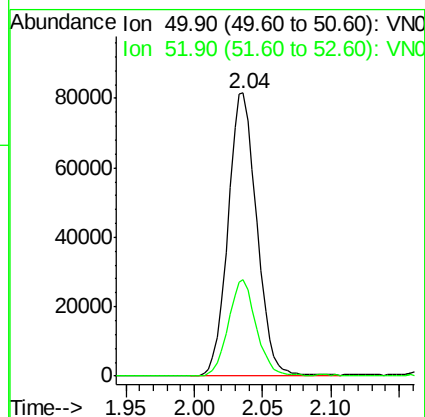
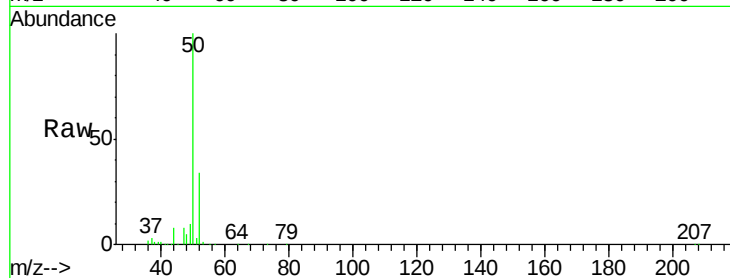
52 34.2 25.4 38.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.741 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063334.D

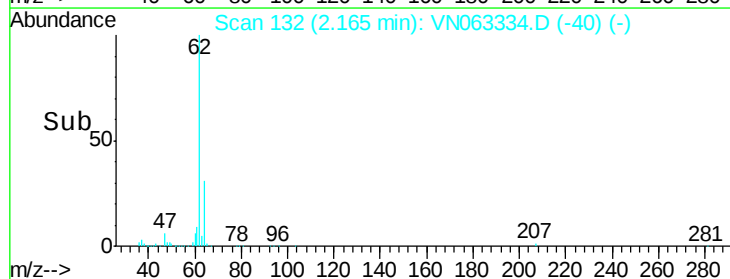
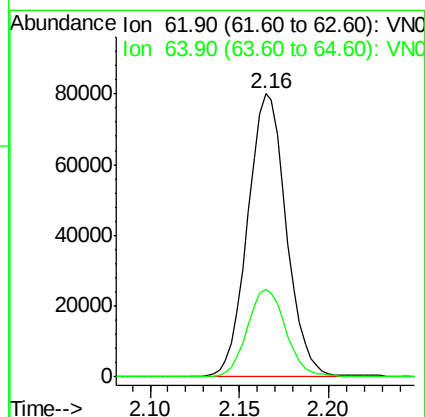
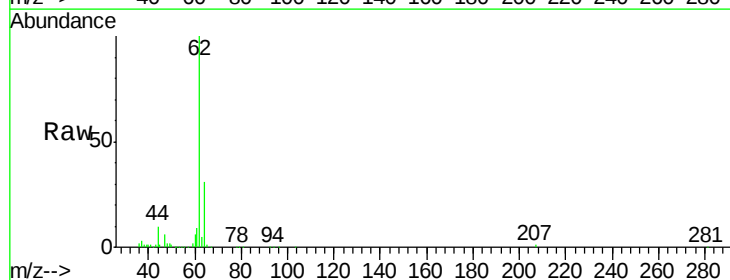
Acq: 14 Sep 2020 11:38

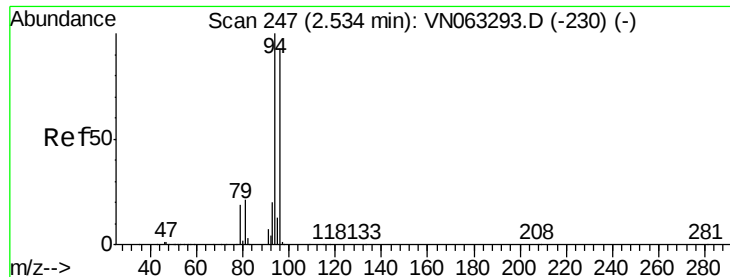
Tgt Ion: 62 Resp: 120712

Ion Ratio Lower Upper

62 100

64 30.8 24.6 37.0





#5

Bromomethane

Concen: 18.262 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 82067

Ion Ratio Lower Upper

94 100

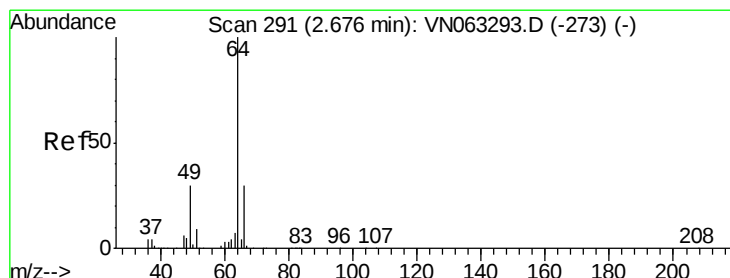
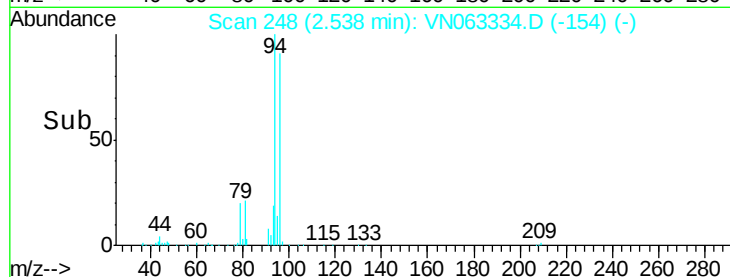
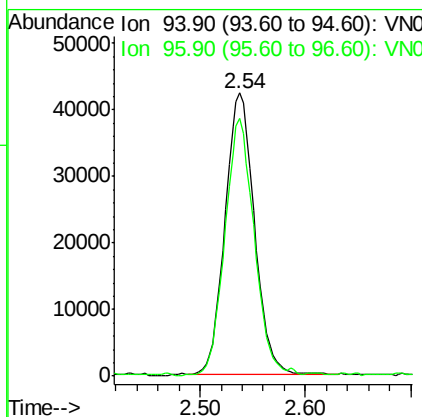
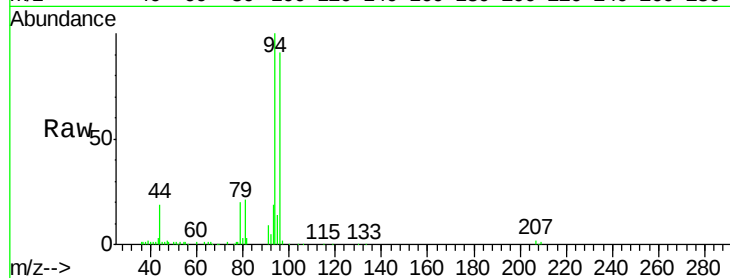
96 90.9 74.3 111.5

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#6

Chloroethane

Concen: 18.191 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063334.D

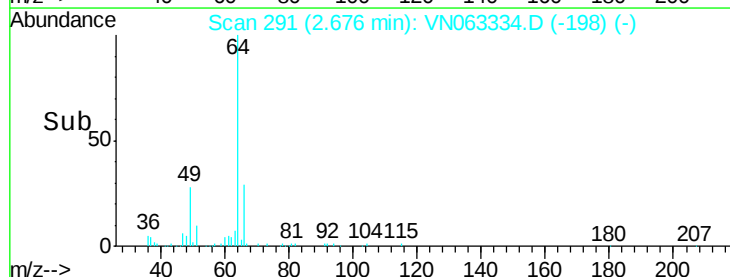
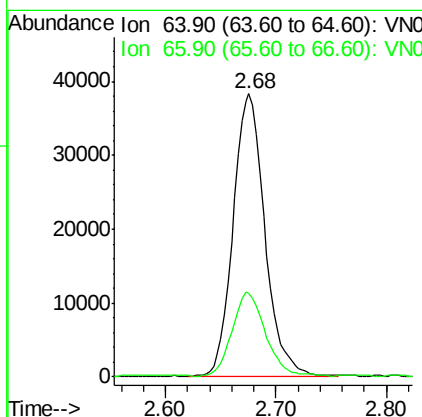
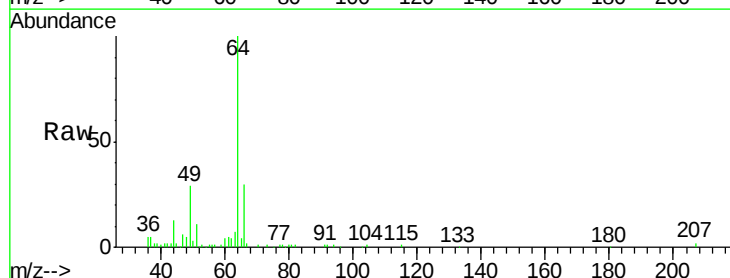
Acq: 14 Sep 2020 11:38

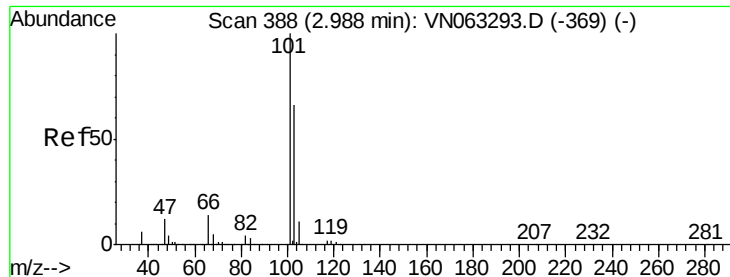
Tgt Ion: 64 Resp: 76647

Ion Ratio Lower Upper

64 100

66 29.3 23.8 35.6





#7

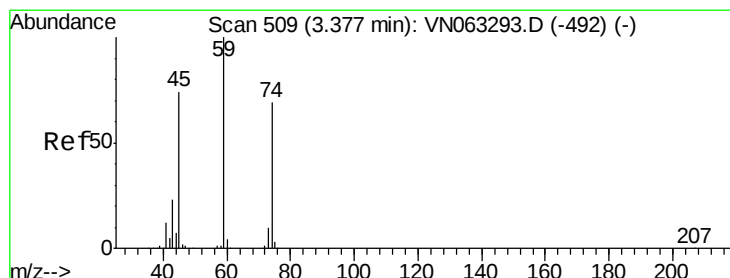
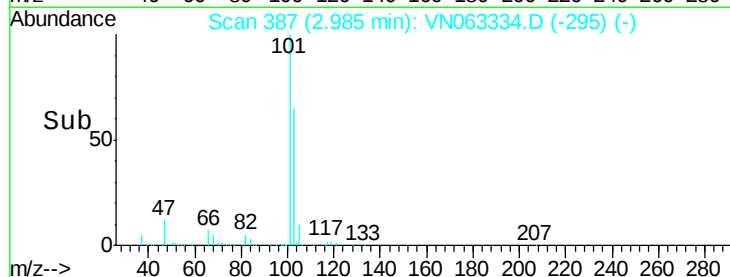
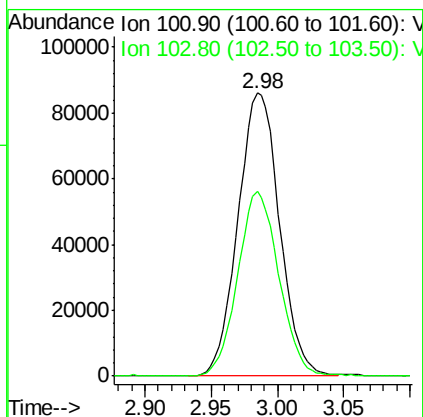
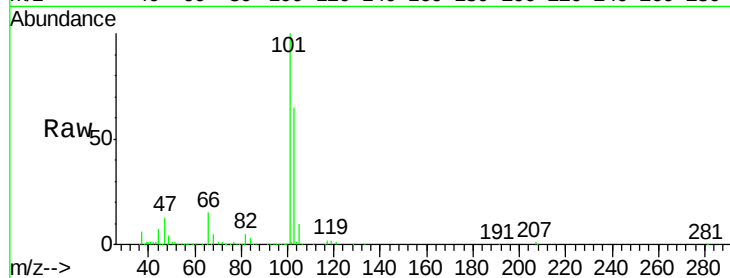
Trichlorofluoromethane
Concen: 18.863 ug/l
RT: 2.98 min Scan# 387
Delta R.T. -0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		187889		
103	64.9	52.4	78.6		

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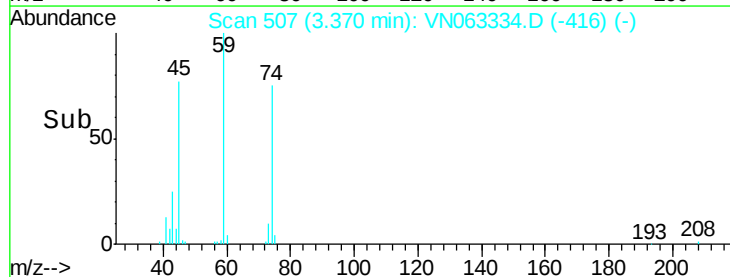
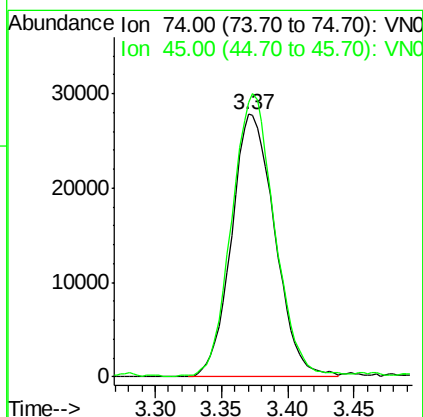
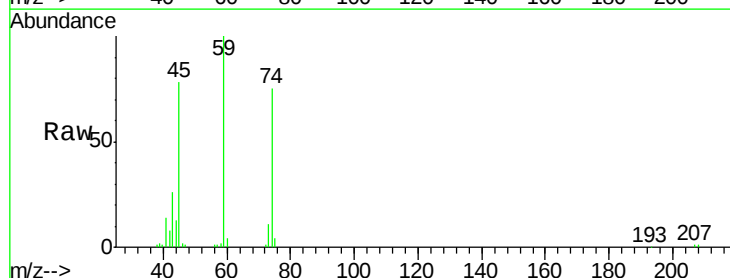
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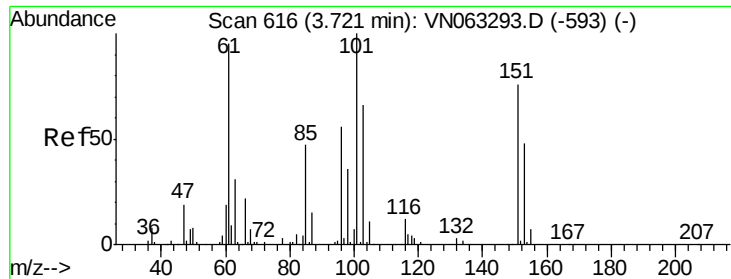


#8

Diethyl Ether
Concen: 17.772 ug/l
RT: 3.37 min Scan# 507
Delta R.T. -0.01 min
Lab File: VN063334.D
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		63121		
45	107.6	52.7	158.1		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.628 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

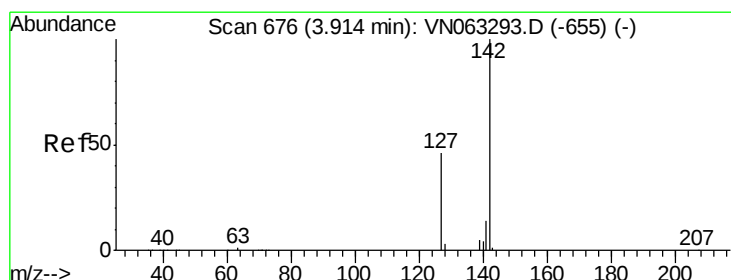
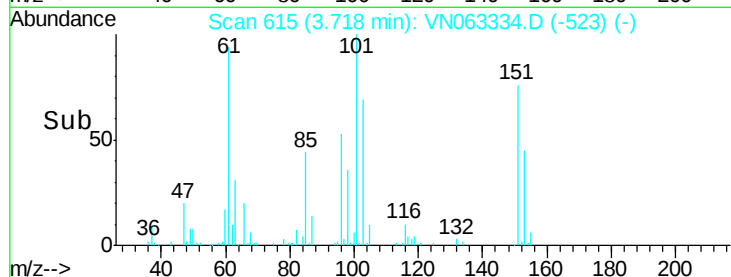
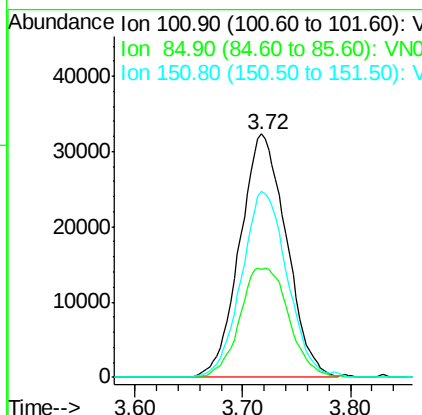
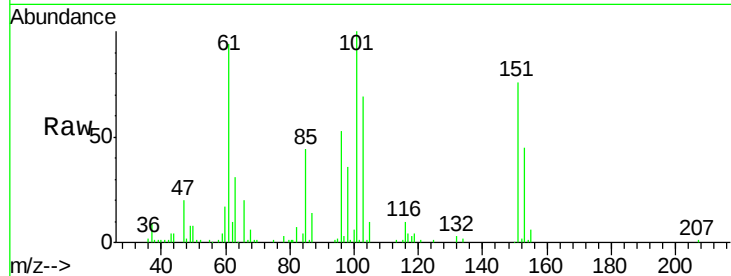
ClientSampleId :

VN0914WBS01

Tot Ion:	101	Resp:	96940
Ion Ratio	Lower	Upper	
101	100		
85	47.2	36.9	55.3
151	74.7	57.8	86.8

Manual Integrations
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#10

Methyl Iodide

Concen: 17.918 ug/l

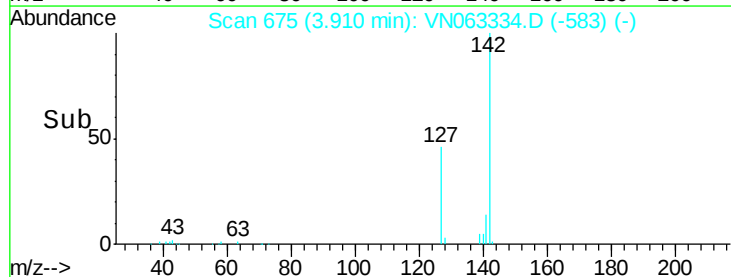
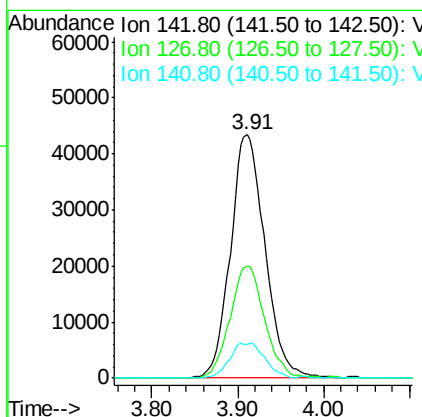
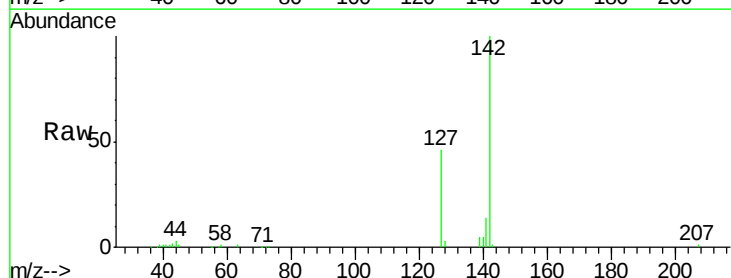
RT: 3.91 min Scan# 675

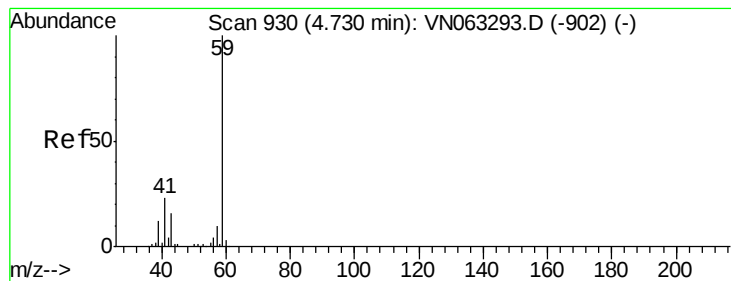
Delta R.T. -0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Tgt Ion:	142	Resp:	120873
Ion Ratio	Lower	Upper	
142	100		
127	46.2	37.1	55.7
141	14.7	11.6	17.4





#11

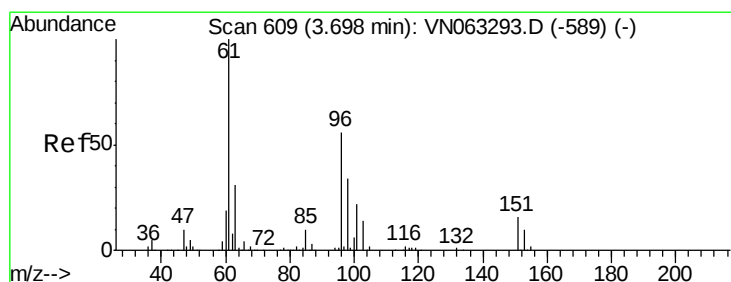
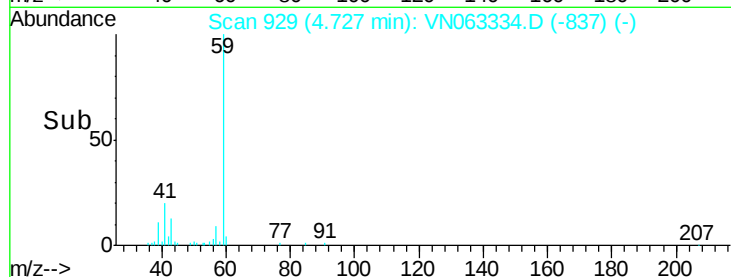
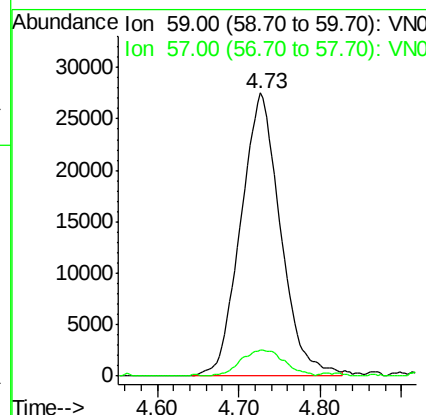
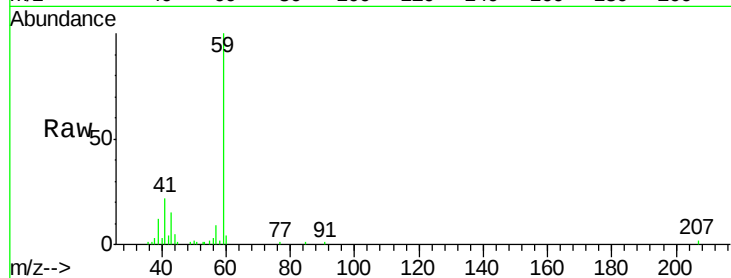
Tert butyl alcohol
Concen: 94.237 ug/l
RT: 4.73 min Scan# 929
Delta R.T. -0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.3	12.5

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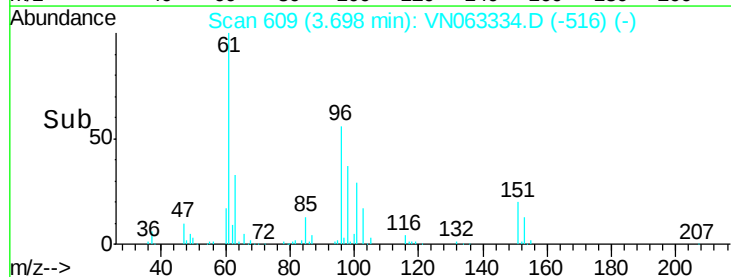
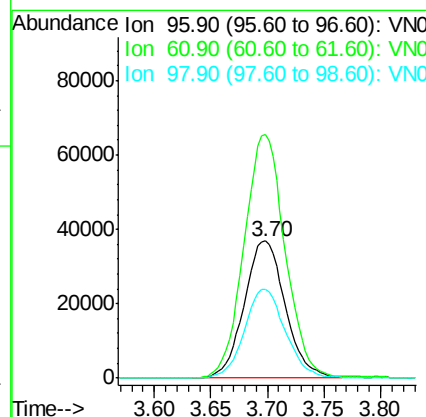
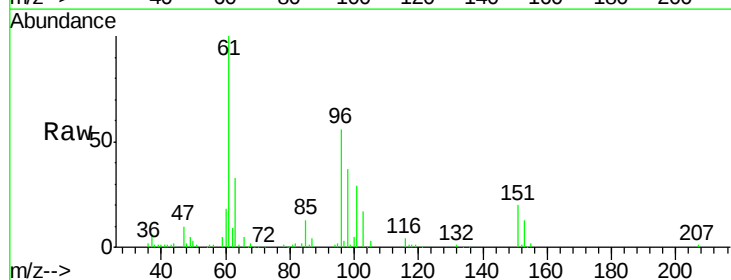
MMDadoda
9/15/2020 1:58:54 PM

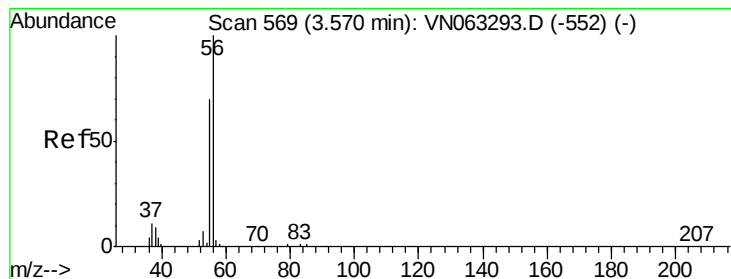


#12

1,1-Dichloroethene
Concen: 17.933 ug/l
RT: 3.70 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	178.1	142.1	213.1
98	65.3	48.8	73.2





#13

Acrolein

Concen: 100.070 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

Tot Ion: 56 Resp: 41709

Ion Ratio Lower Upper

56 100

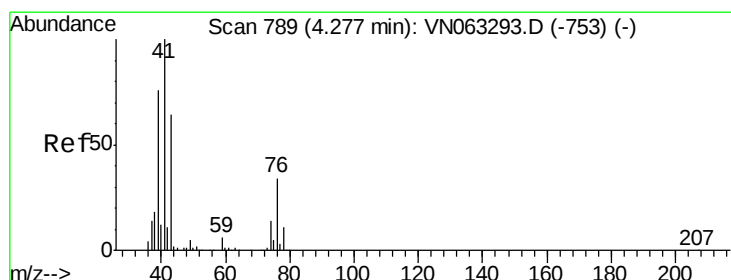
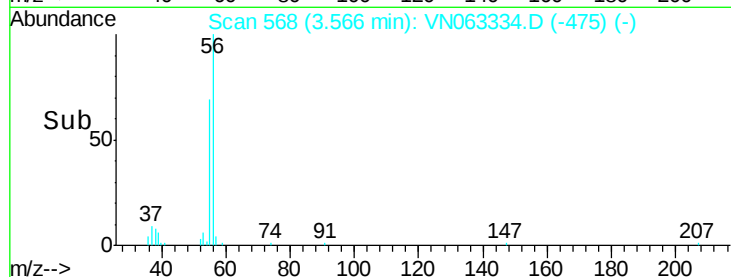
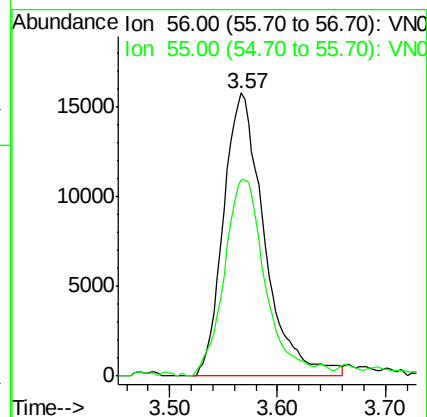
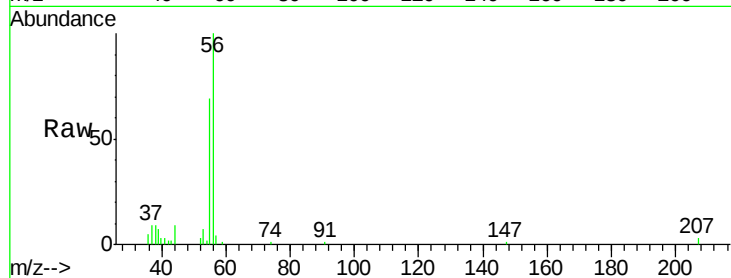
55 69.2 57.2 85.8

Manual Integrations

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#14

Allyl chloride

Concen: 17.207 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

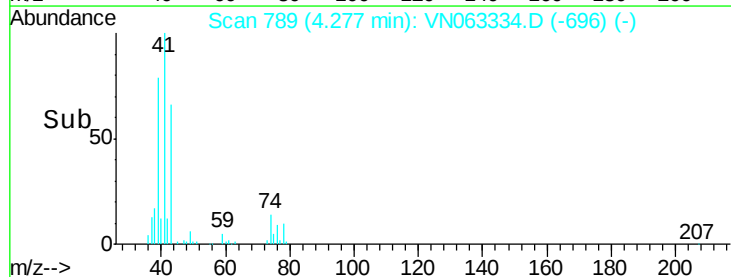
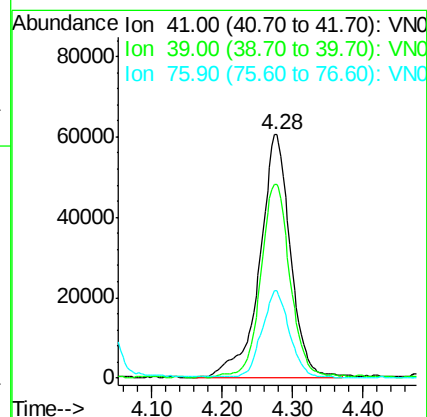
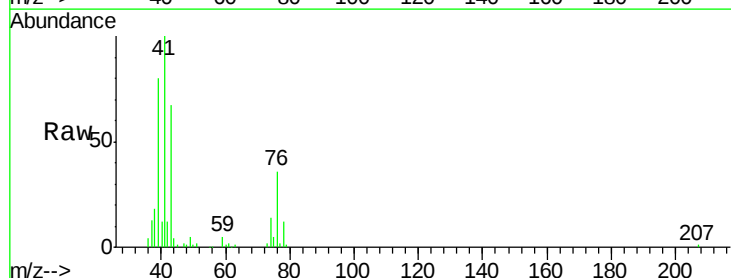
Tgt Ion: 41 Resp: 183491

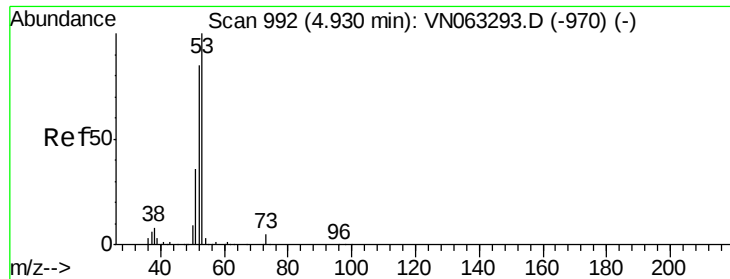
Ion Ratio Lower Upper

41 100

39 75.5 57.4 86.2

76 31.7 25.7 38.5





#15

Acrylonitrile

Concen: 91.455 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

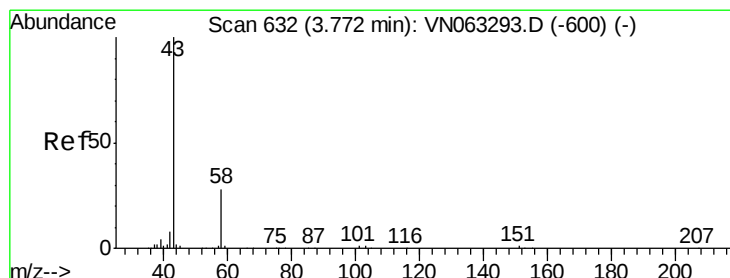
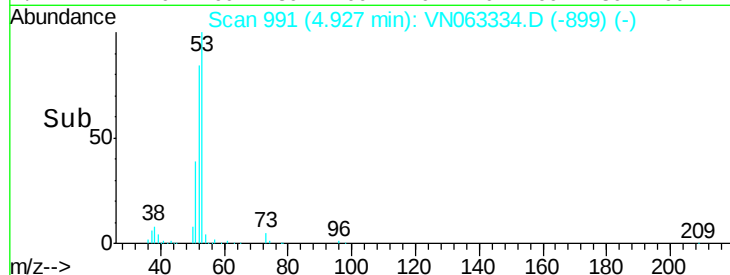
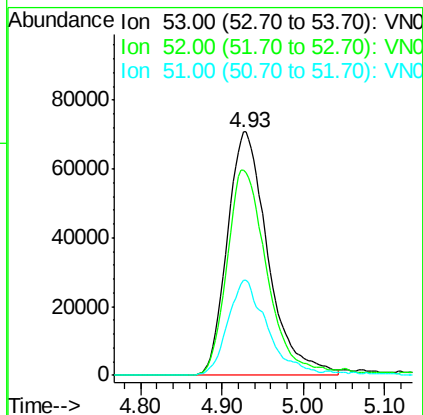
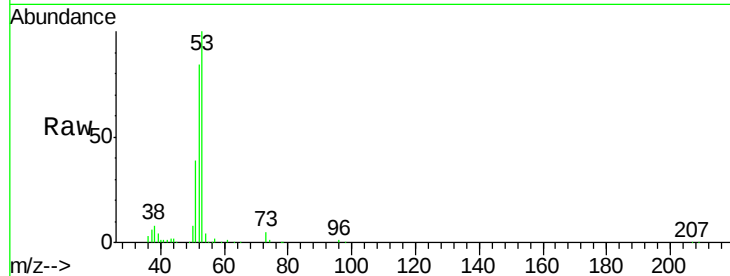
ClientSampleId :

VN0914WBS01

Tot Ion:	53	Resp:	246226
Ion Ratio	Lower	Upper	
53	100		
52	81.7	66.5	99.7
51	38.0	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 88.325 ug/l

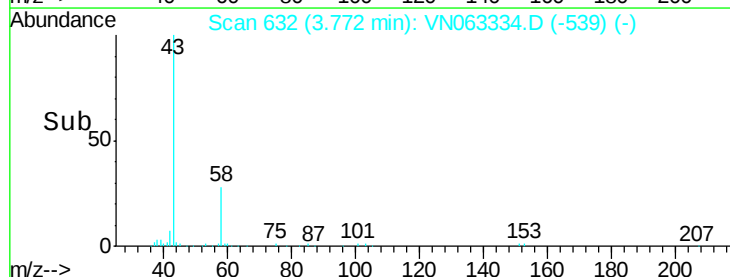
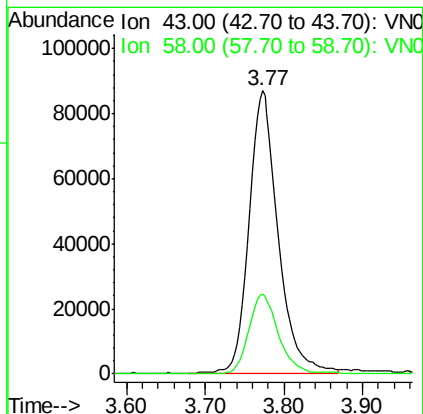
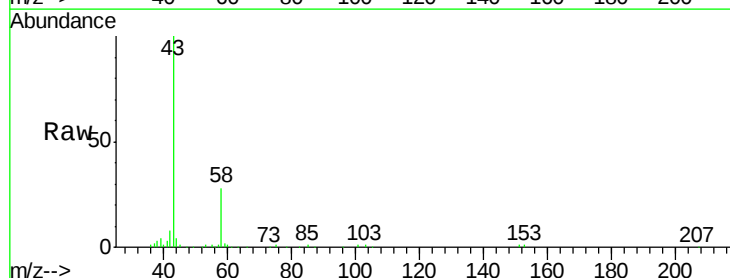
RT: 3.77 min Scan# 632

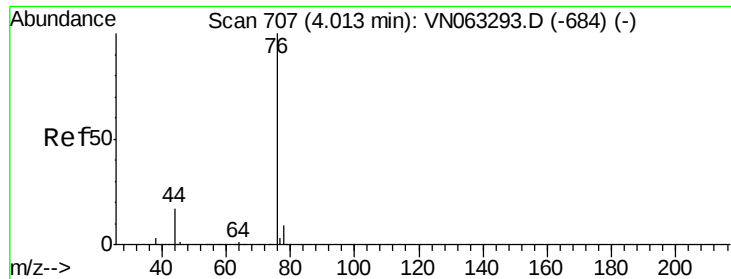
Delta R.T. 0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Tgt Ion:	43	Resp:	227151
Ion Ratio	Lower	Upper	
43	100		
58	28.4	22.6	34.0





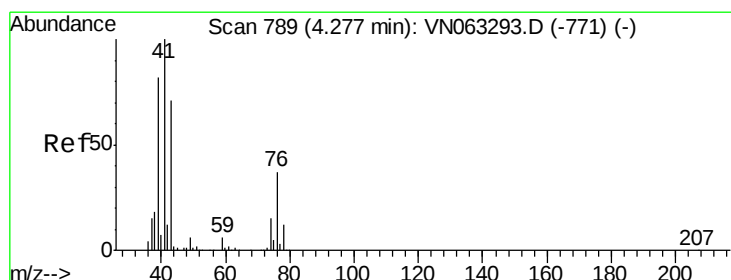
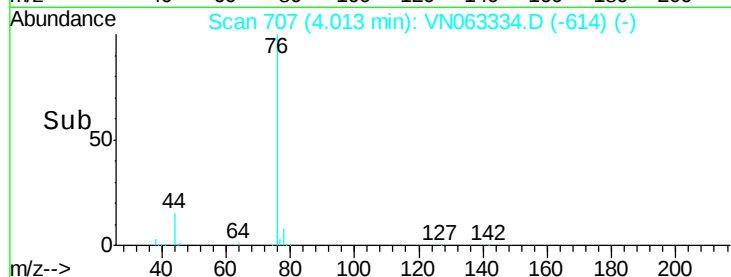
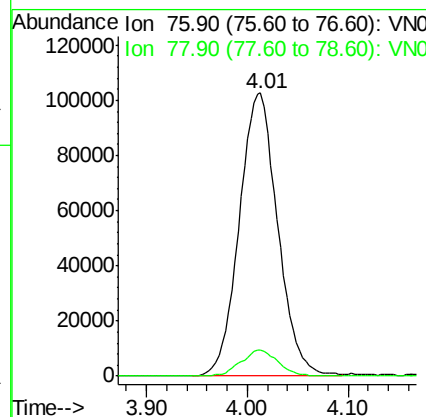
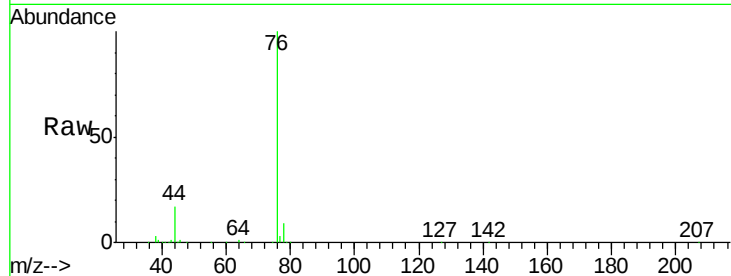
#17
Carbon Disulfide
Concen: 17.982 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

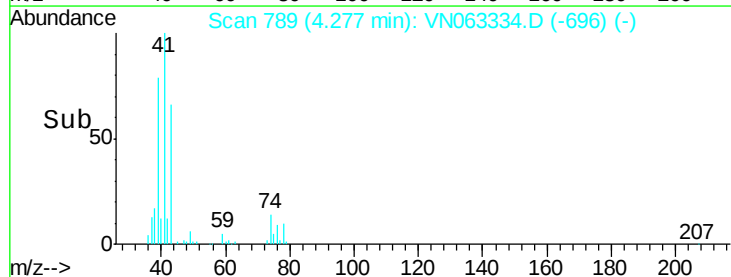
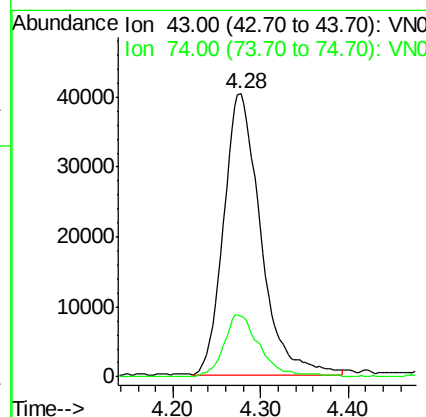
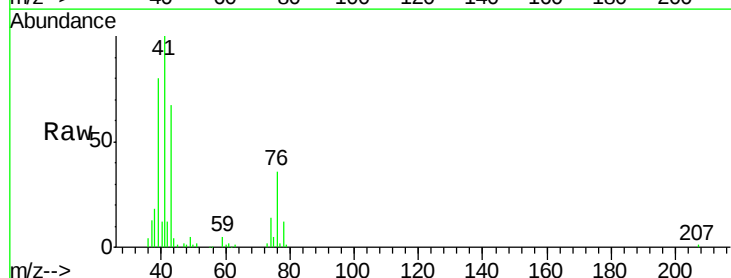
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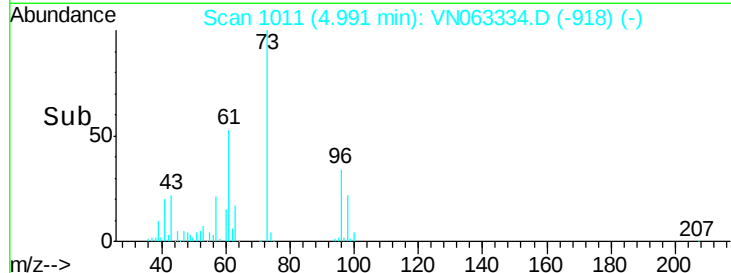
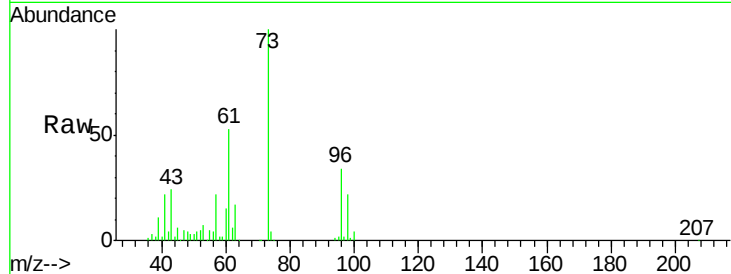
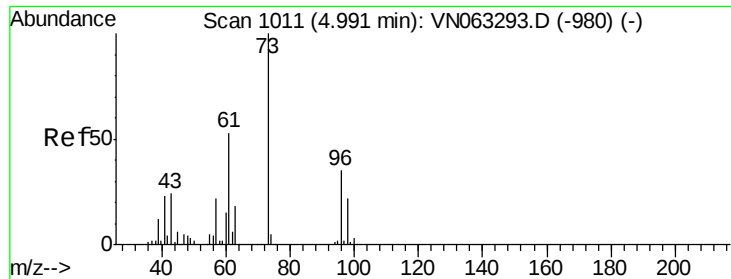
MMDadoda
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#18
Methyl Acetate
Concen: 18.241 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.3	17.8	26.6





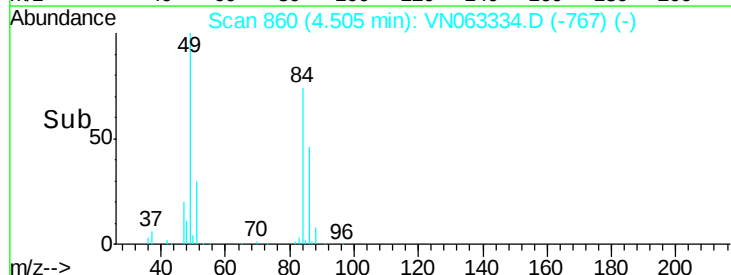
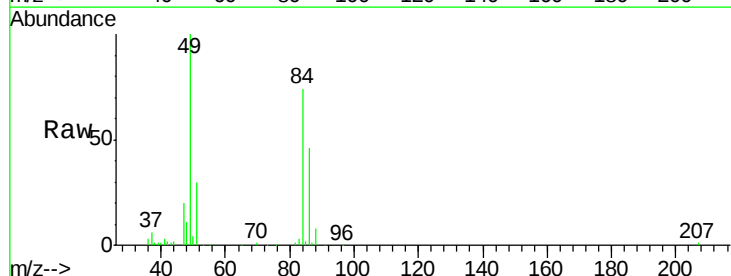
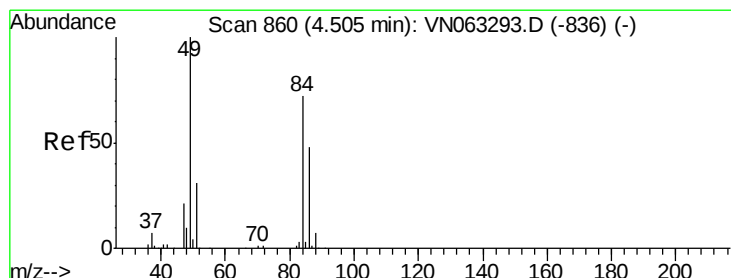
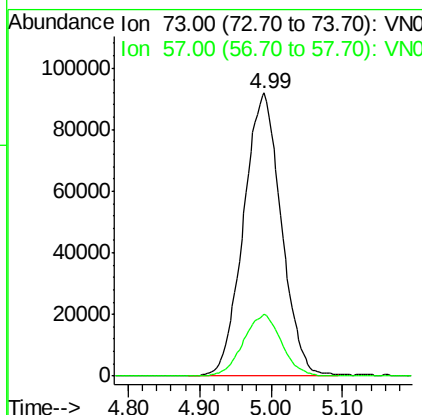
#19
Methvl tert-butvl Ether
Concen: 18.236 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Tot Ion: 73 Resp: 338495
Ion Ratio Lower Upper
73 100
57 21.9 17.5 26.3

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

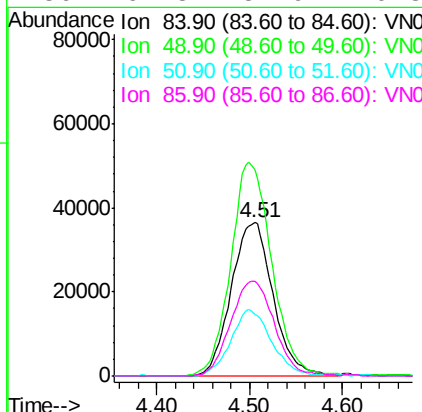
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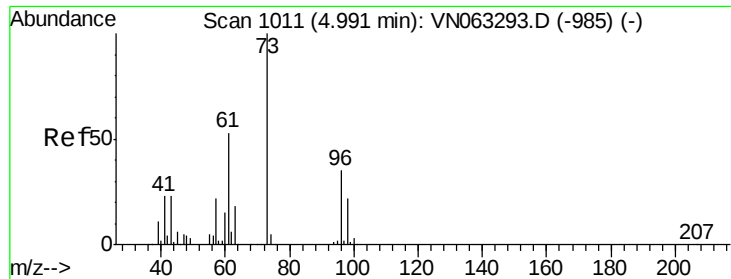
MMDadoda
9/15/2020 1:58:54 PM



#20
Methylene Chloride
Concen: 18.708 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Tgt Ion: 84 Resp: 114205
Ion Ratio Lower Upper
84 100
49 133.9 111.1 166.7
51 40.3 34.3 51.5
86 61.8 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 17.878 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

Tot Ion: 96 Resp: 103932

Ion Ratio Lower Upper

96 100

61 152.6 121.8 182.8

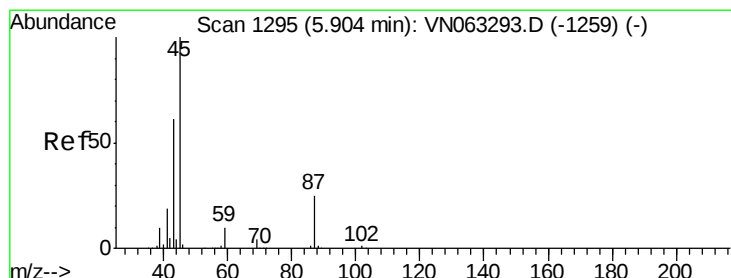
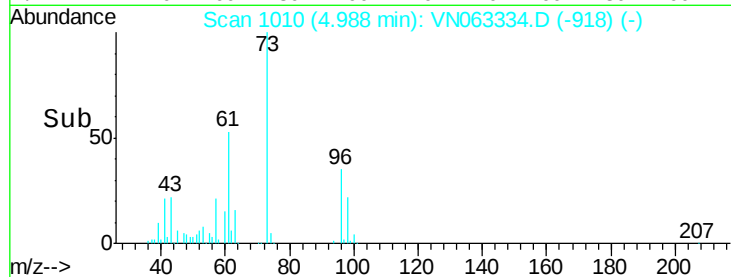
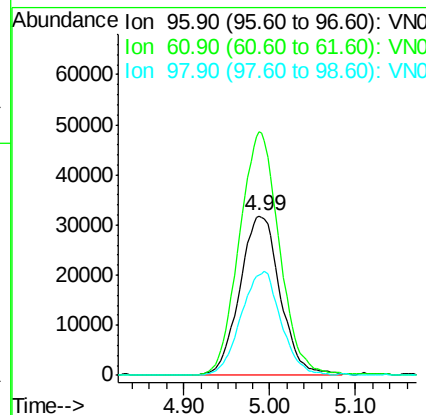
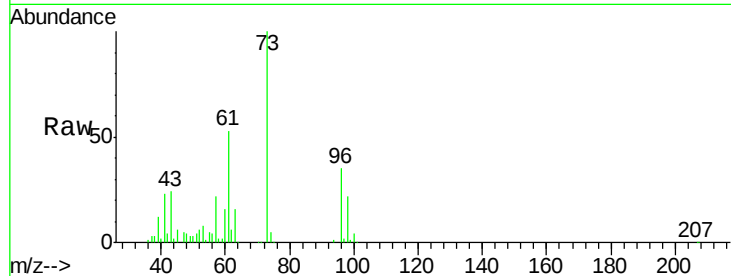
98 63.0 51.2 76.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 18.189 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Tgt Ion: 45 Resp: 381707

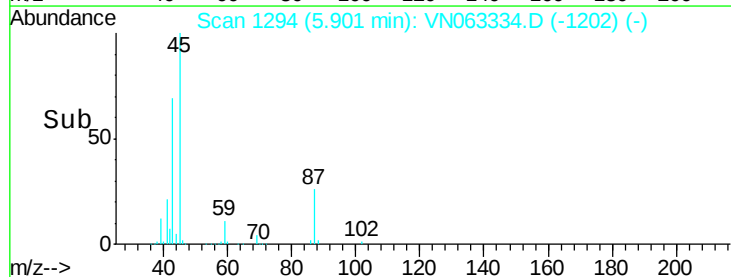
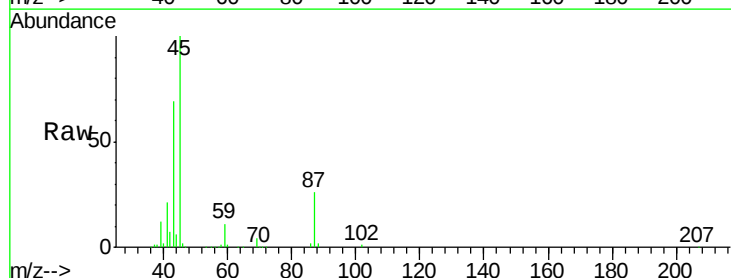
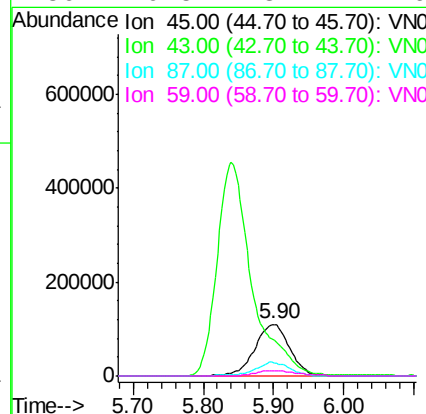
Ion Ratio Lower Upper

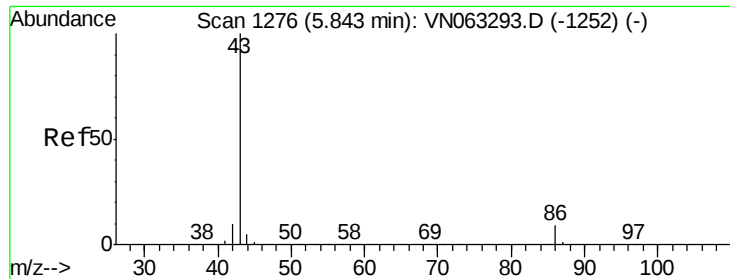
45 100

43 66.2 50.3 75.5

87 25.7 20.7 31.1

59 10.5 8.4 12.6





#23

Vinyl Acetate

Concen: 94.744 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

Tot Ion: 43 Resp: 1565035

Ion Ratio Lower Upper

43 100

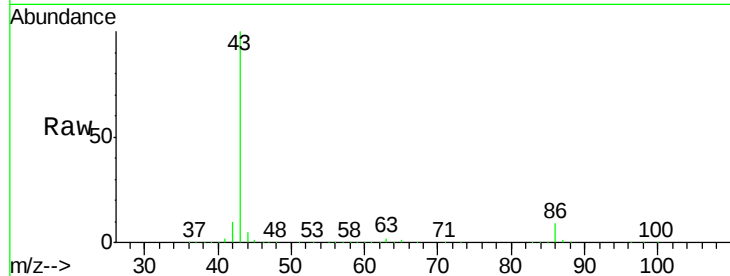
86 9.2 7.2 10.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

400000

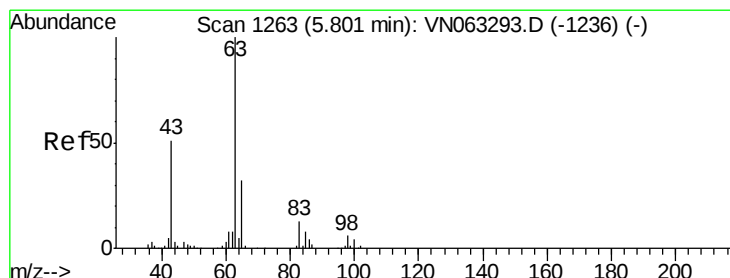
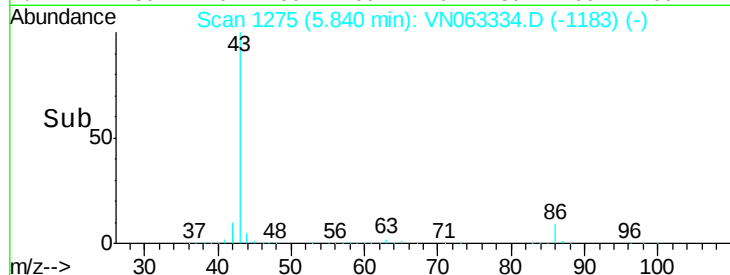
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.292 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

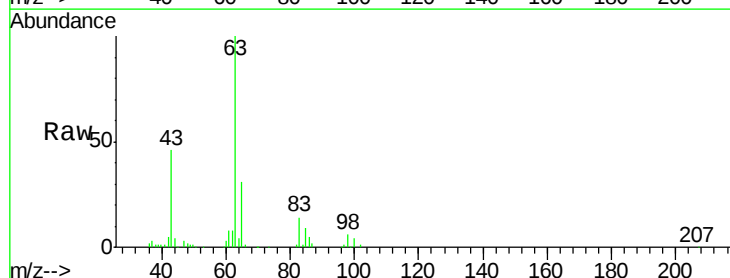
Tgt Ion: 63 Resp: 207883

Ion Ratio Lower Upper

63 100

98 5.7 3.1 9.3

100 4.3 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.80

80000

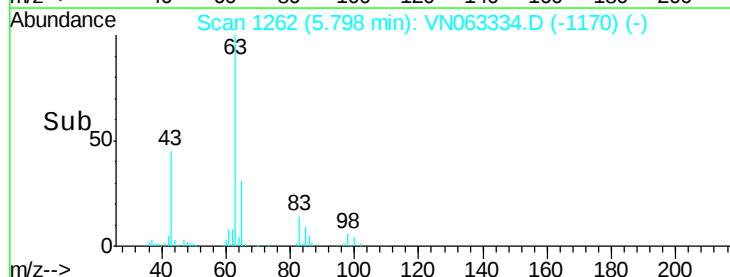
60000

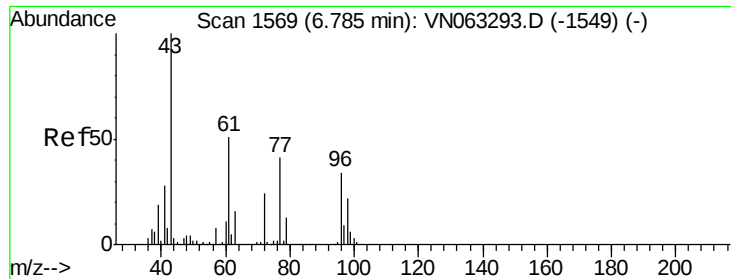
40000

20000

0

Time-->





#25

2-Butanone

Concen: 91.208 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

ClientSampled :

VN0914WBS01

Tot Ion: 43 Resp: 346494

Ion Ratio Lower Upper

43 100

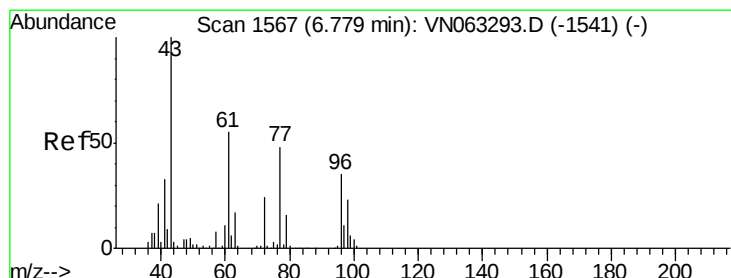
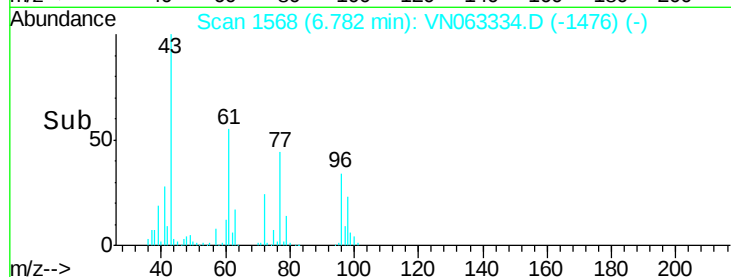
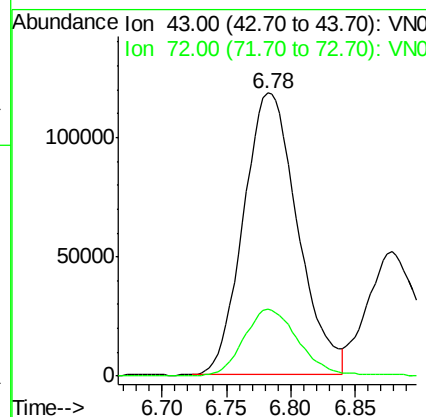
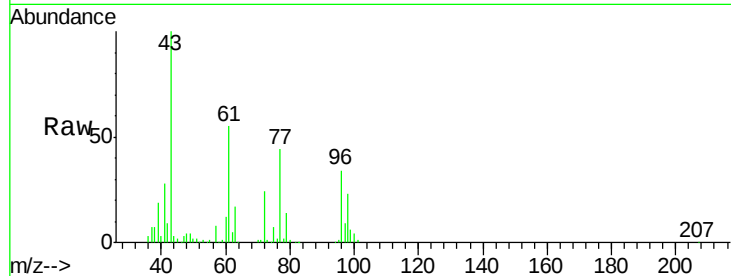
72 23.6 19.4 29.2

Manual Integrations

APPROVED

MMDadoda

9/15/2020 1:58:54 PM



#26

2,2-Dichloropropane

Concen: 18.201 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VN063334.D

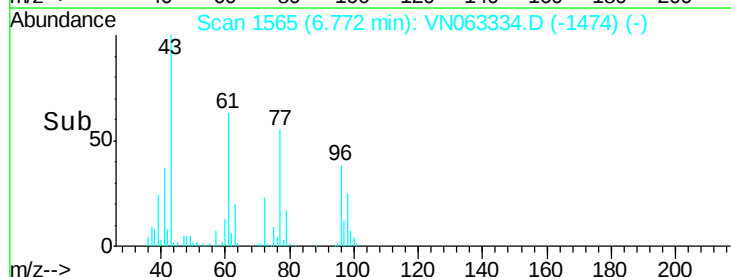
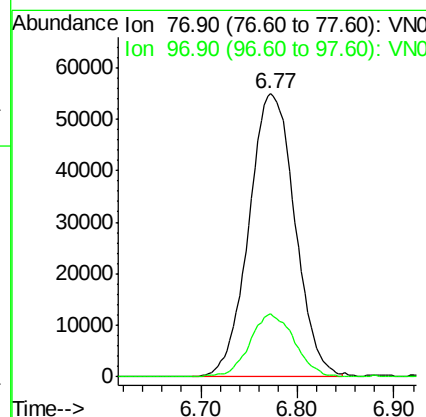
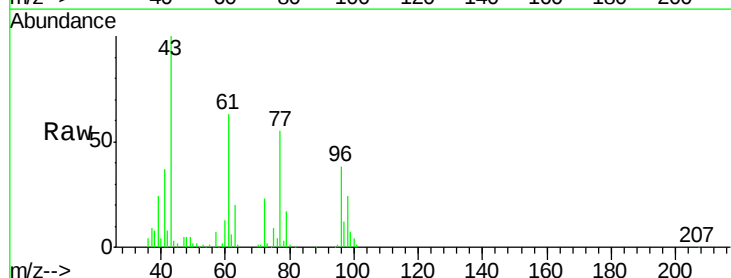
Acq: 14 Sep 2020 11:38

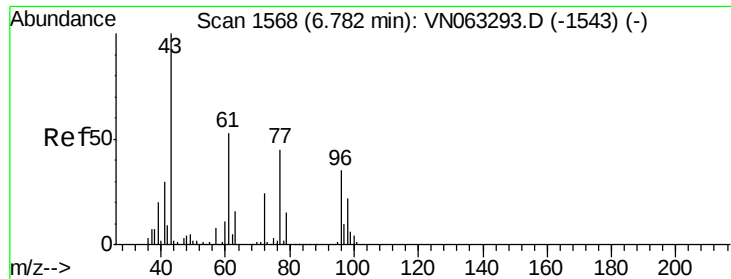
Tgt Ion: 77 Resp: 181303

Ion Ratio Lower Upper

77 100

97 21.6 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 17.708 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

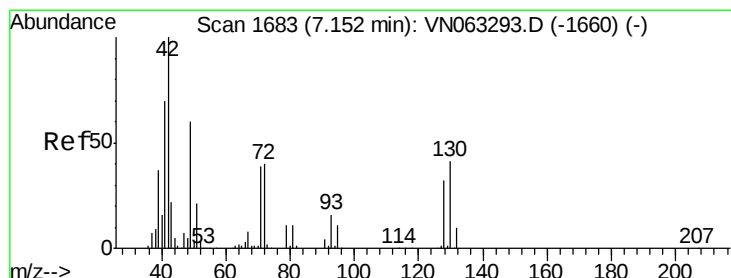
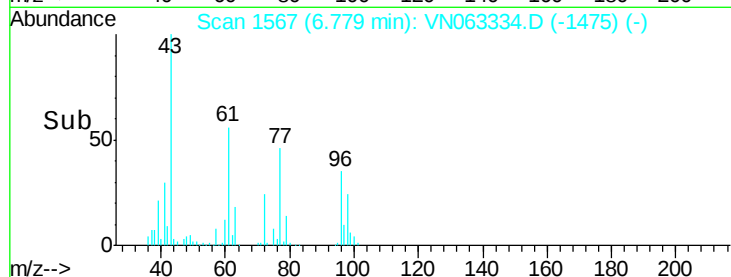
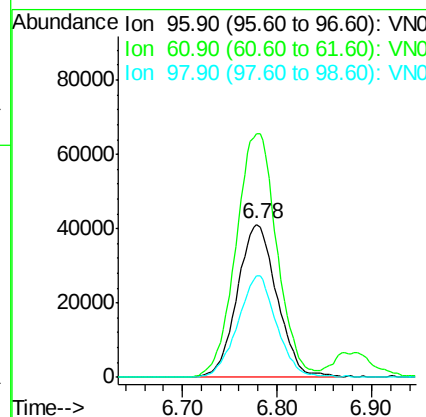
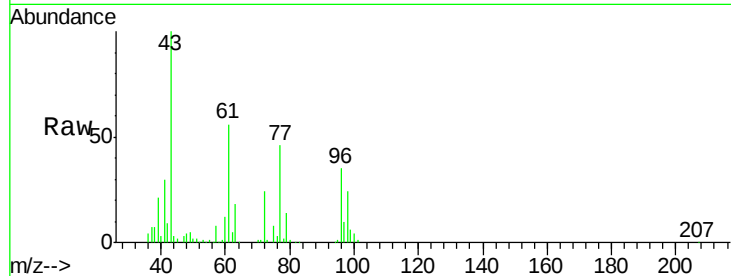
ClientSampleId :

VN0914WBS01

Tot Ion:	96	Resp:	119969
Ion	Ratio	Lower	Upper
96	100		
61	164.3	0.0	322.8
98	65.0	0.0	132.2

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#28

Bromochloromethane

Concen: 18.873 ug/l

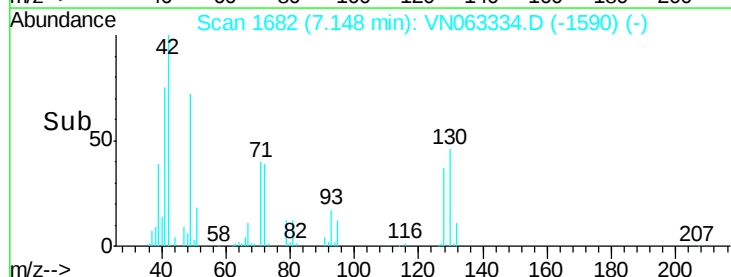
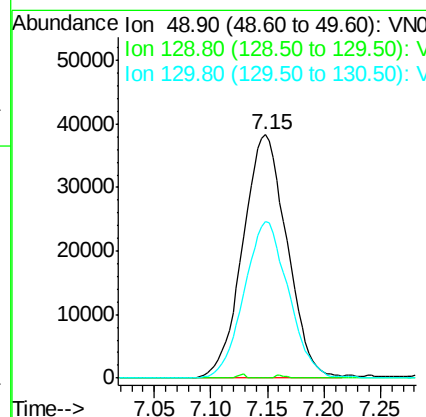
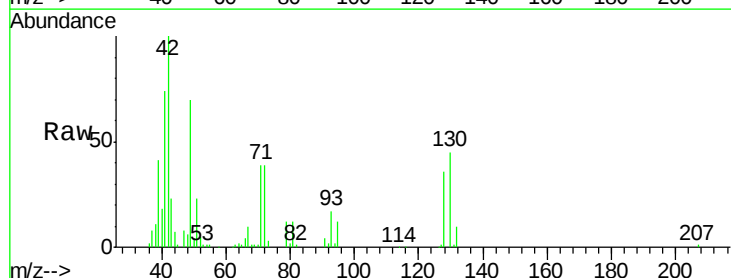
RT: 7.15 min Scan# 1682

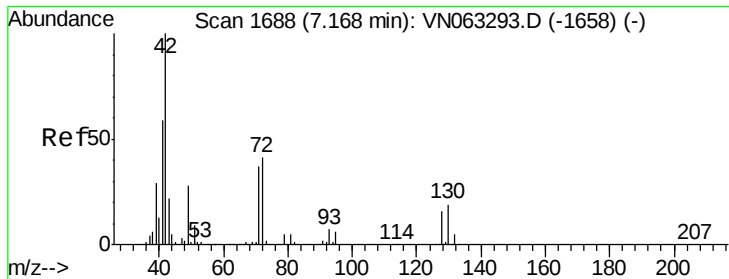
Delta R.T. -0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Tgt Ion:	49	Resp:	104004
Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	3.4
130	64.3	53.1	79.7





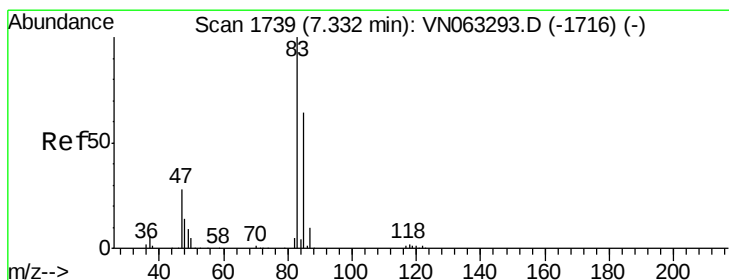
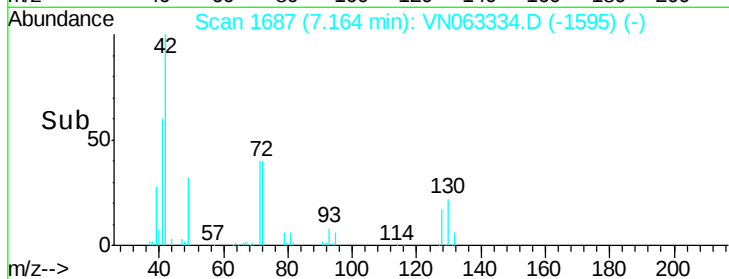
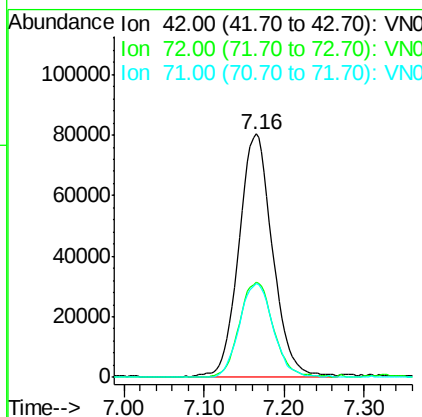
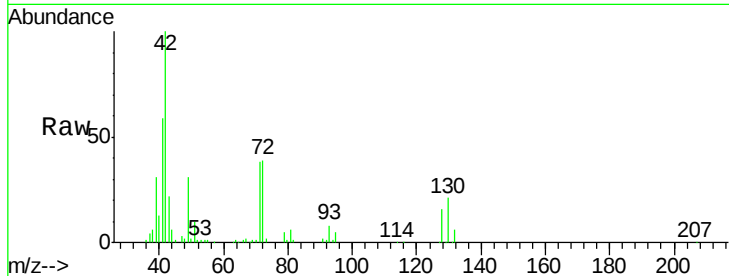
#29
Tetrahydrofuran
Concen: 91.879 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.0	31.4	47.2
71	38.8	30.0	45.0

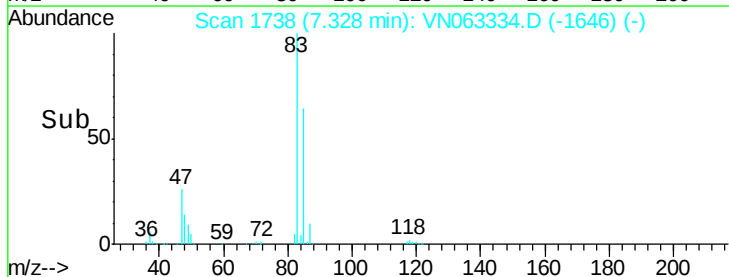
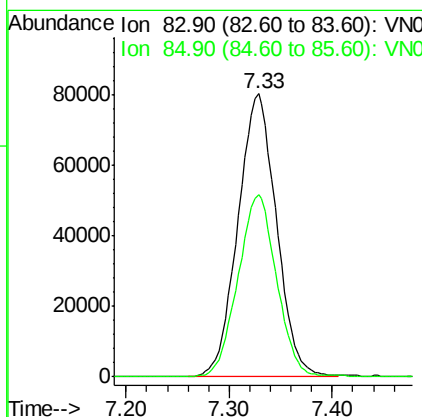
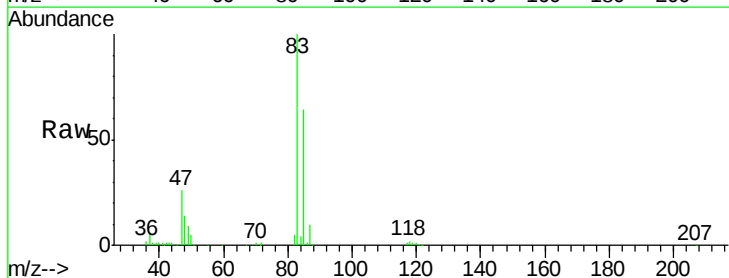
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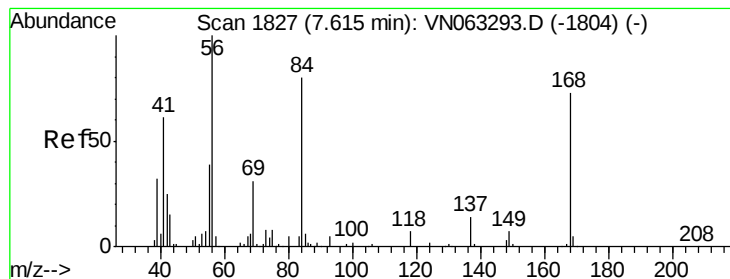
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#30
Chloroform
Concen: 18.301 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.2	76.8





#31

Cyclohexane

Concen: 18.538 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

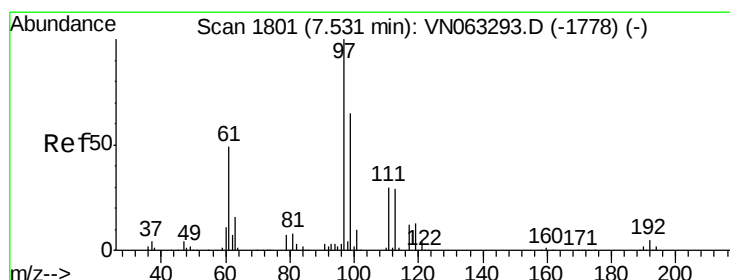
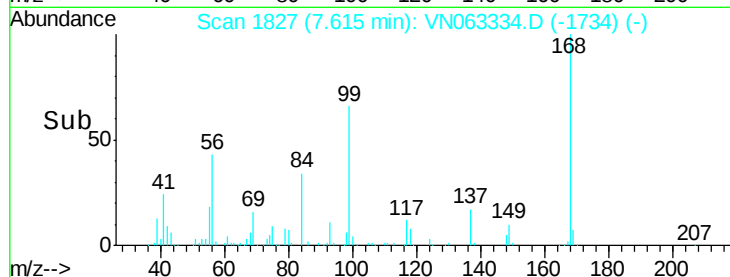
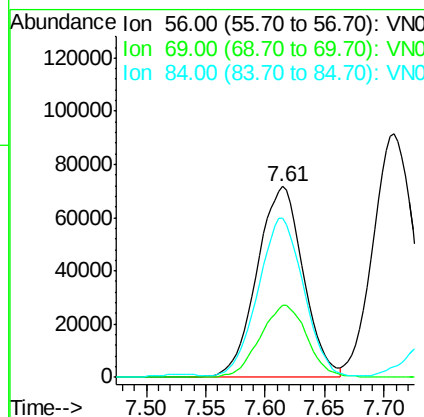
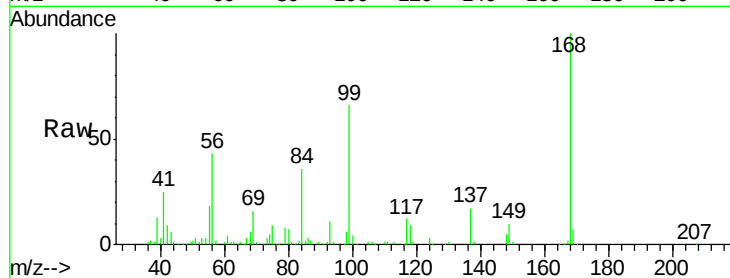
ClientSampleId :

VN0914WBS01

Tot Ion:	56	Resp:	193643
Ion Ratio	Lower	Upper	
56	100		
69	37.3	25.1	37.7
84	82.2	64.2	96.2

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#32

1,1,1-Trichloroethane

Concen: 18.408 ug/l

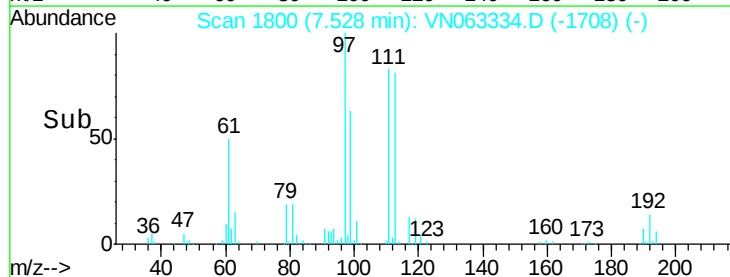
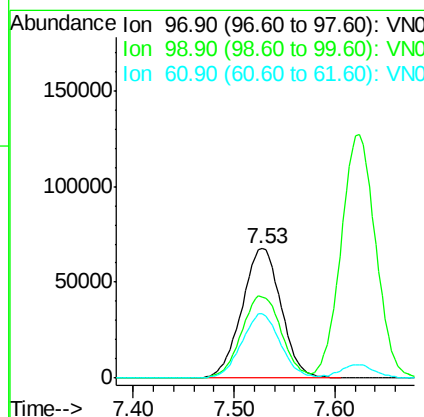
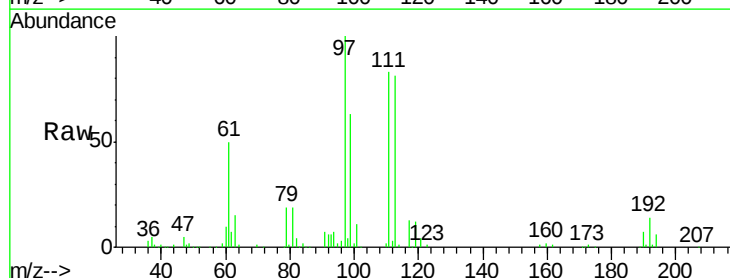
RT: 7.53 min Scan# 1800

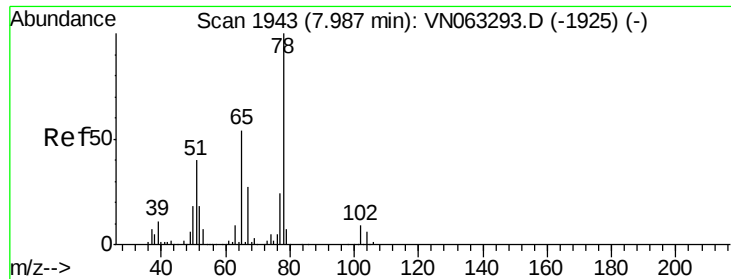
Delta R.T. -0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Tgt Ion:	97	Resp:	182593
Ion Ratio	Lower	Upper	
97	100		
99	64.5	51.4	77.2
61	48.9	38.9	58.3





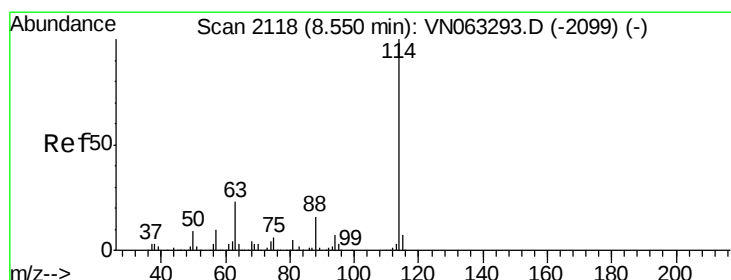
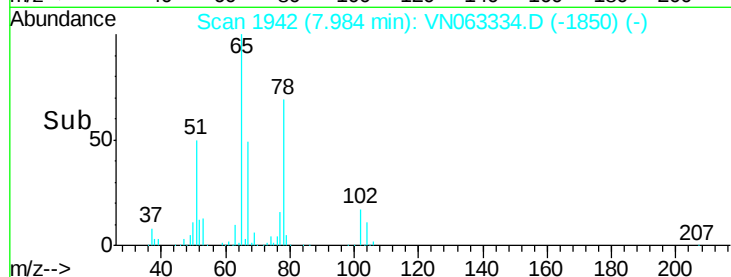
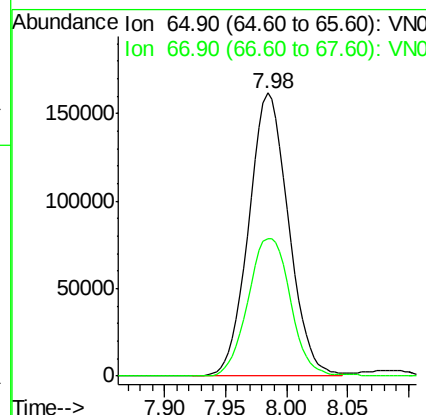
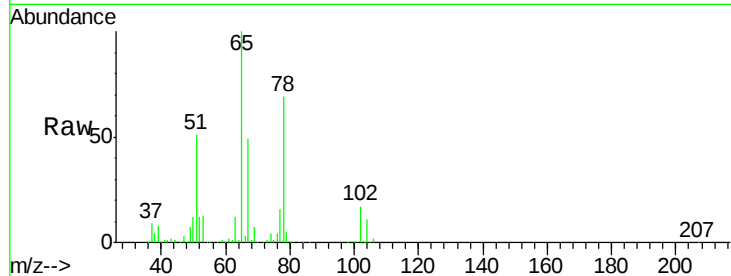
#33
 1,2-Dichloroethane-d4
 Concen: 49.038 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.7	0.0	104.6	

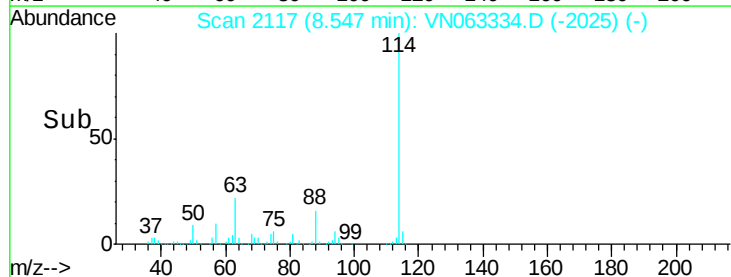
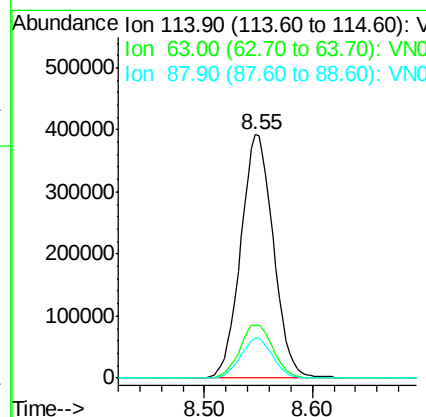
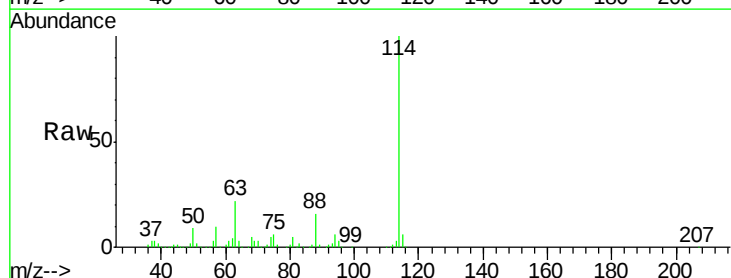
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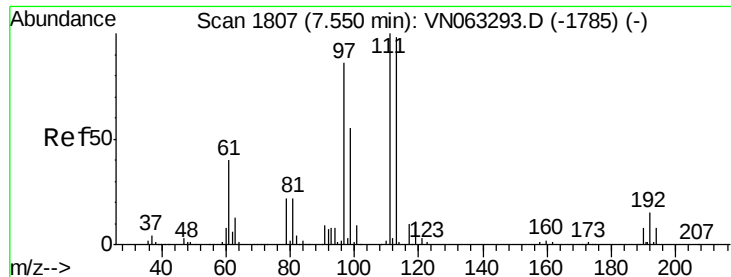
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.9	0.0	46.0	
88	16.5	0.0	32.8	





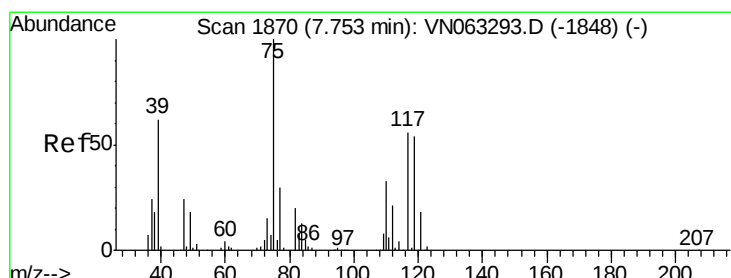
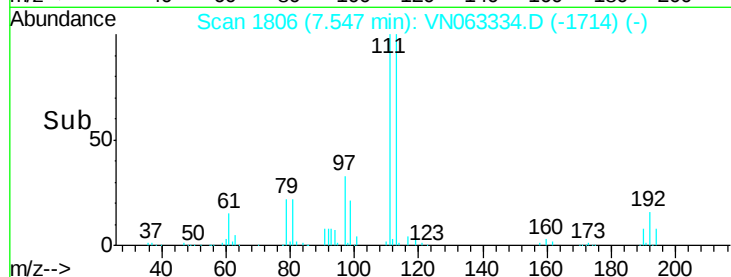
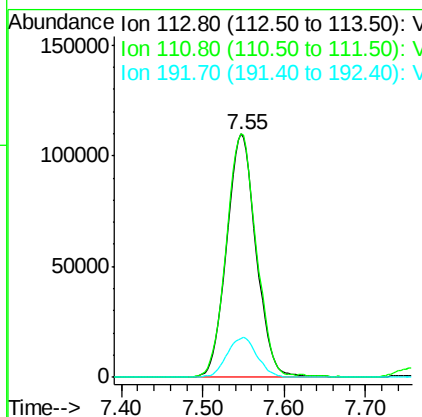
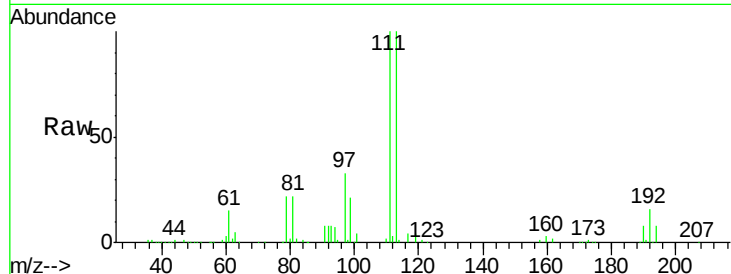
#35
Dibromofluoromethane
Concen: 52.175 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	278094		
111	101.4	82.2	123.2	
192	16.8	12.9	19.3	

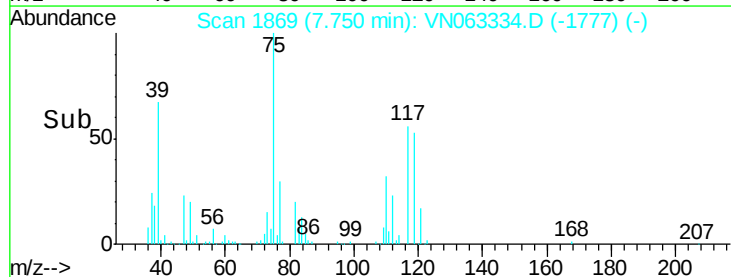
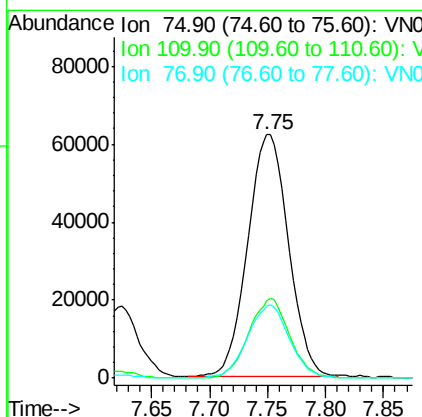
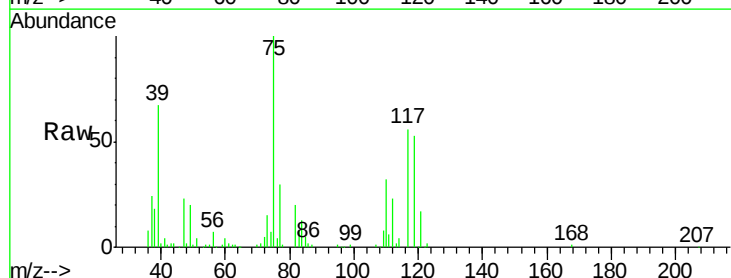
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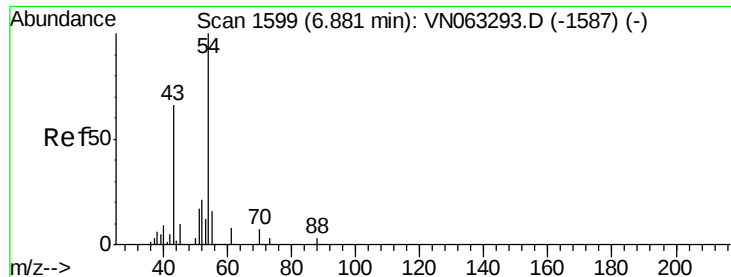
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#36
1,1-Dichloropropene
Concen: 17.920 ug/l
RT: 7.75 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	152186		
110	33.0	16.4	49.4	
77	31.4	24.8	37.2	





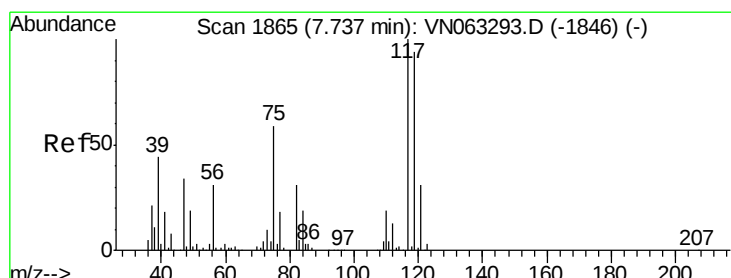
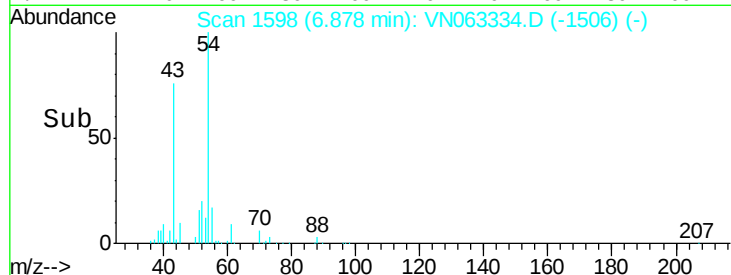
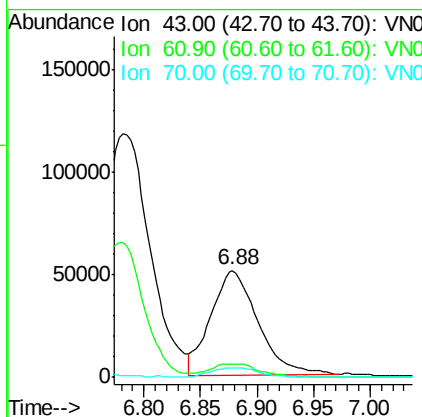
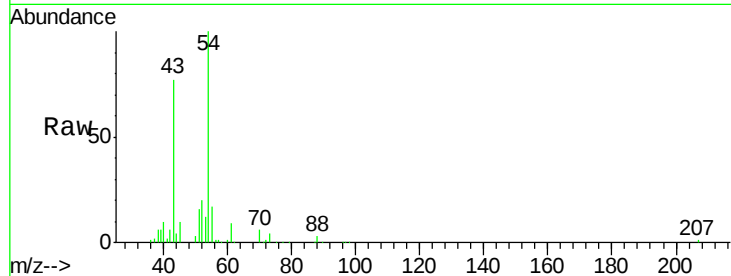
#37
Ethyl Acetate
Concen: 17.642 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.1	15.1#
70	9.7	7.4	11.2

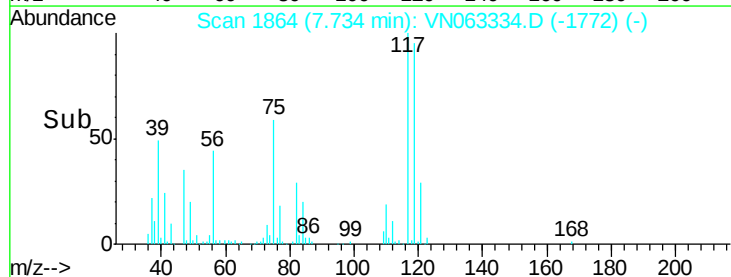
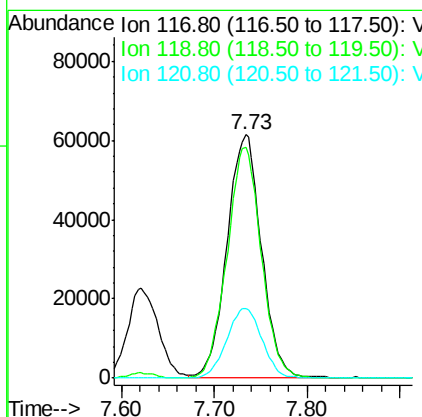
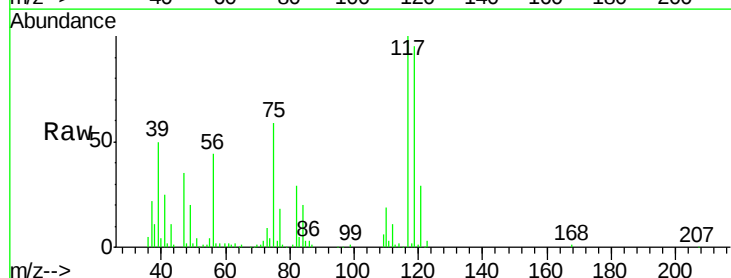
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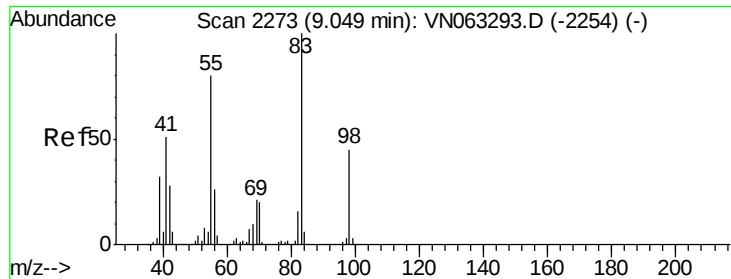
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#38
Carbon Tetrachloride
Concen: 18.923 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.3	112.9
121	28.8	24.6	37.0





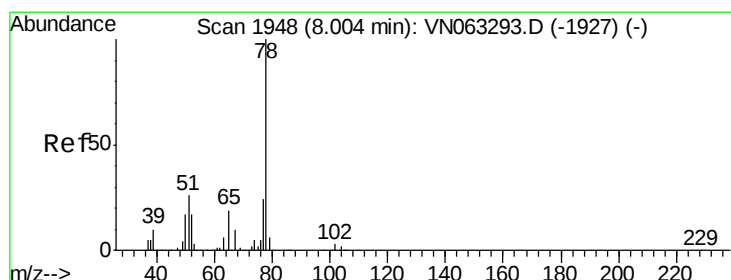
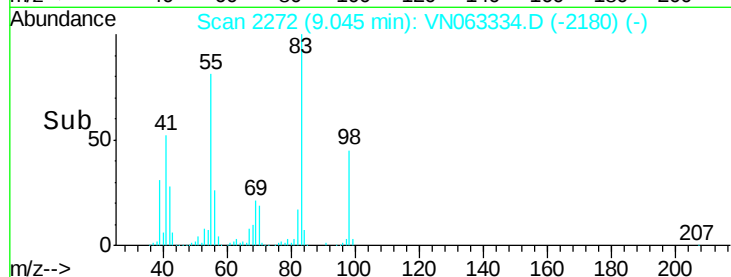
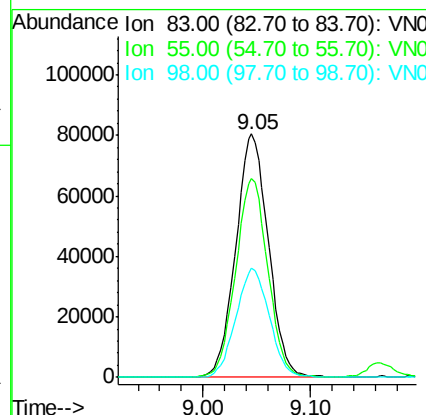
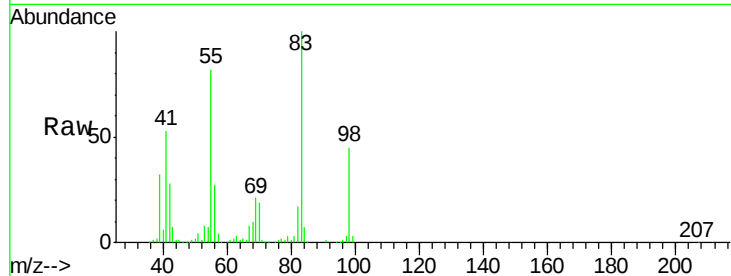
#39
Methvlcvclohexane
Concen: 18.334 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	169859		
55	81.6	64.0	96.0	
98	44.7	36.4	54.6	

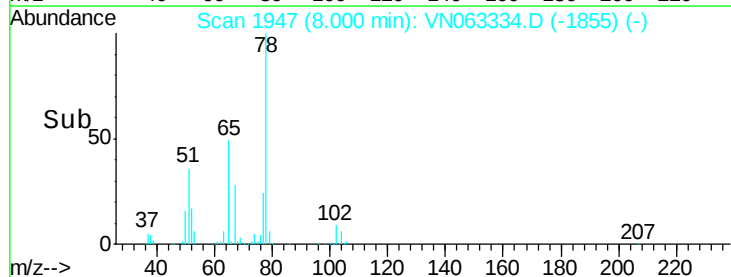
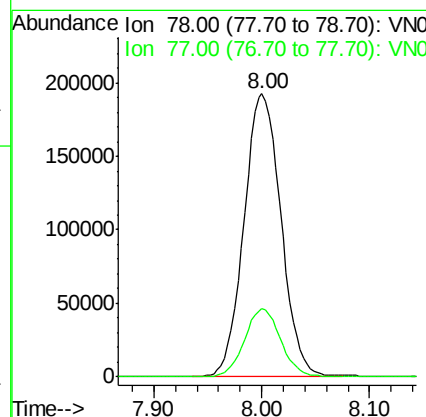
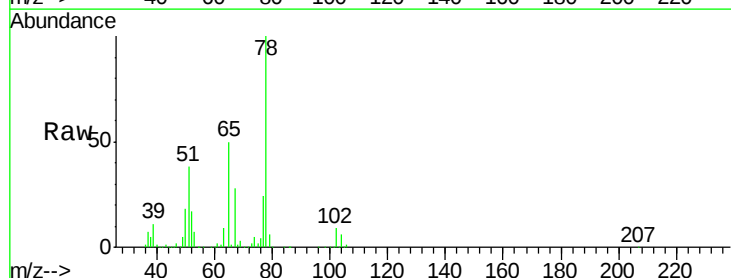
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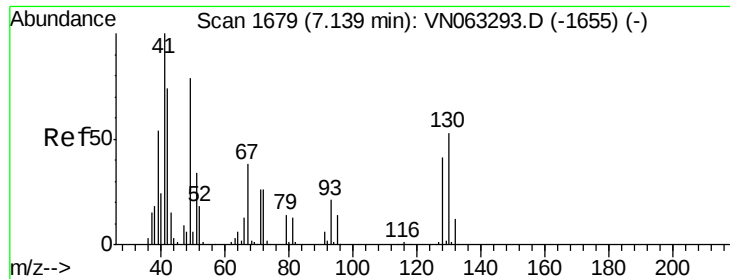
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#40
Benzene
Concen: 18.967 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	460060		
77	24.0	18.8	28.2	





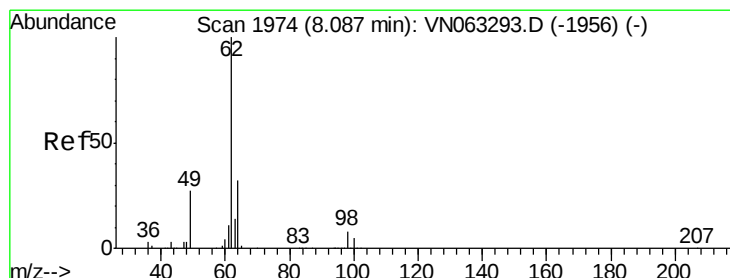
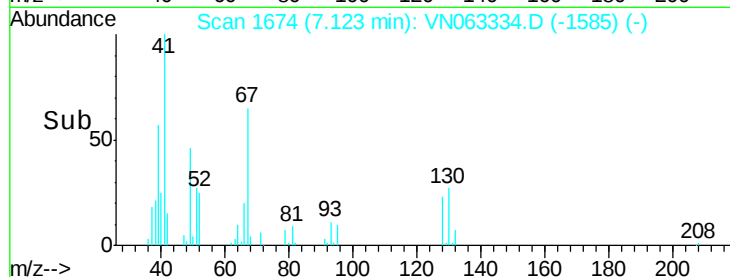
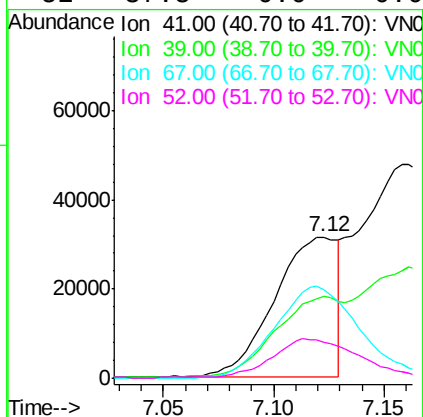
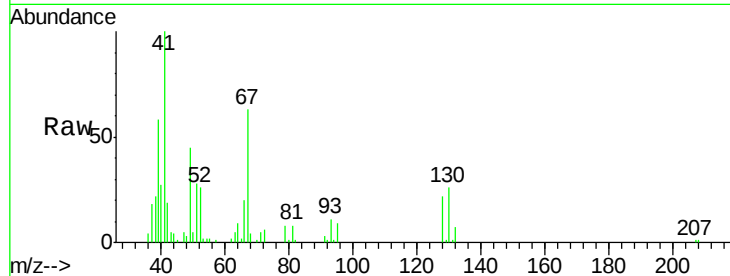
#41
Methacrylonitrile
Concen: 16.364 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.02 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tot Ion	Ratio	Resp	Lower	Upper
41	100			
39	63.1	0.0	0.0	0.0#
67	91.0	0.0	0.0	0.0#
52	37.8	0.0	0.0	0.0#

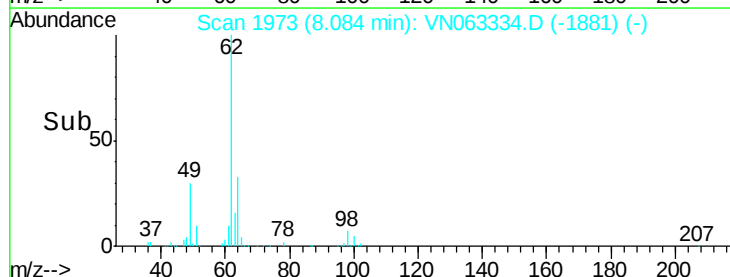
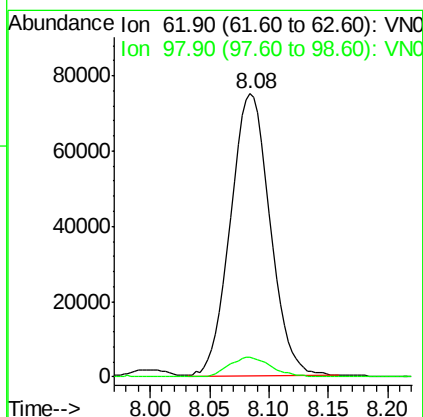
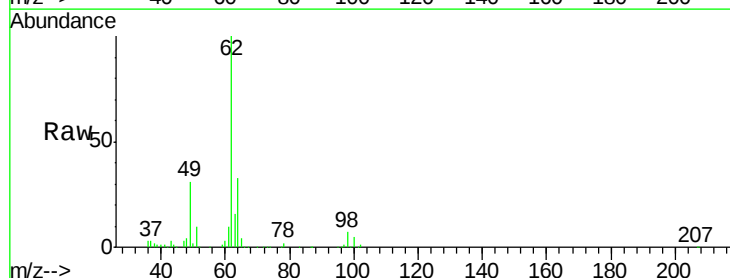
Manual Integrations
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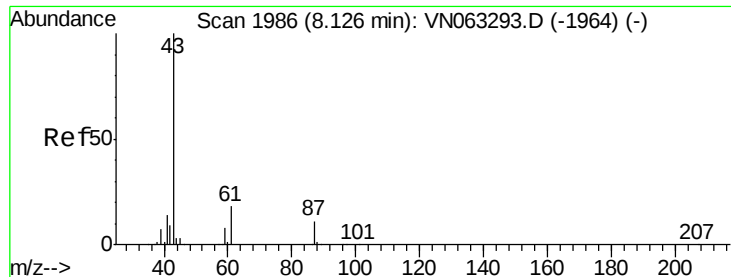
MMDadoda
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#42
1,2-Dichloroethane
Concen: 18.816 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
62	100			
98	7.5	0.0	0.0	15.4





#43

Isopropyl Acetate

Concen: 18.457 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

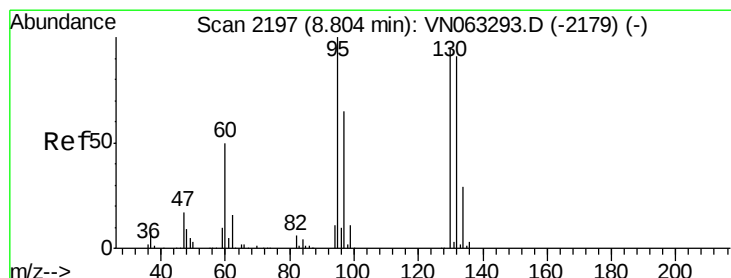
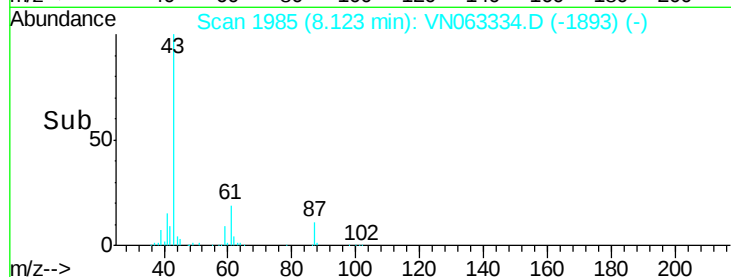
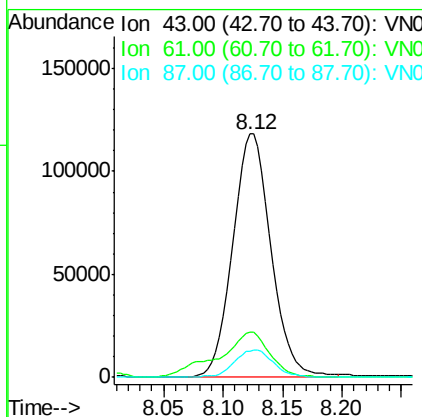
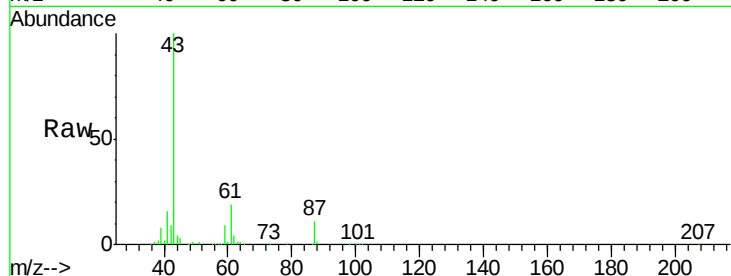
ClientSampleId :

VN0914WBS01

Tot Ion:	43	Resp:	261151
Ion Ratio	Lower	Upper	
43	100		
61	25.3	15.1	22.7#
87	11.5	9.2	13.8

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#44

Trichloroethene

Concen: 18.327 ug/l

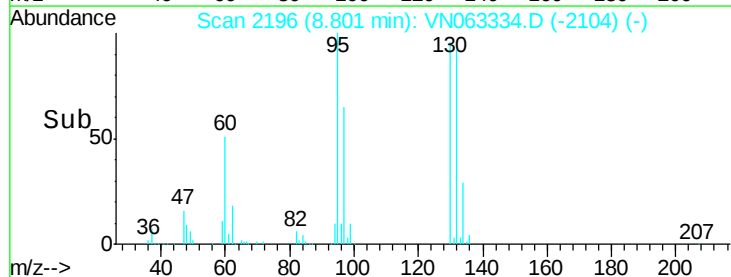
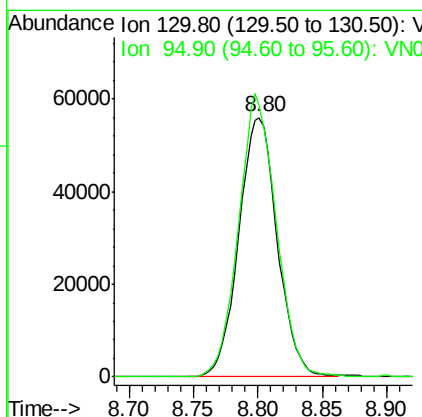
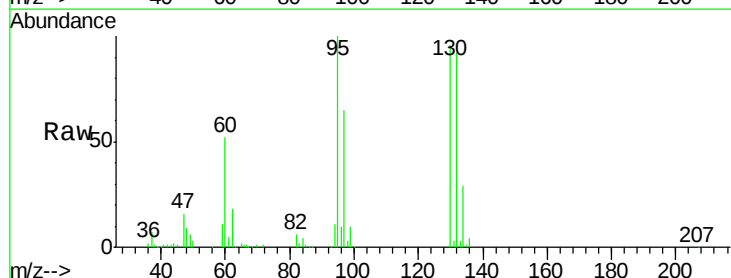
RT: 8.80 min Scan# 2196

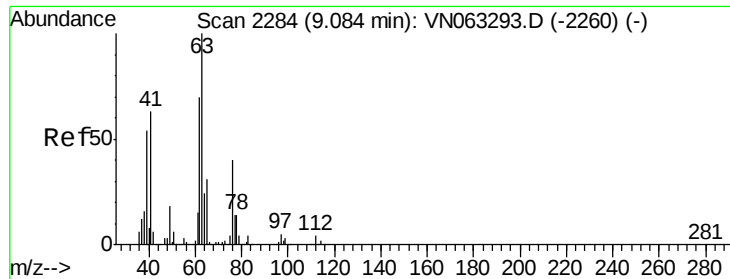
Delta R.T. -0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Tgt Ion:	130	Resp:	116253
Ion Ratio	Lower	Upper	
130	100		
95	104.7	0.0	210.8





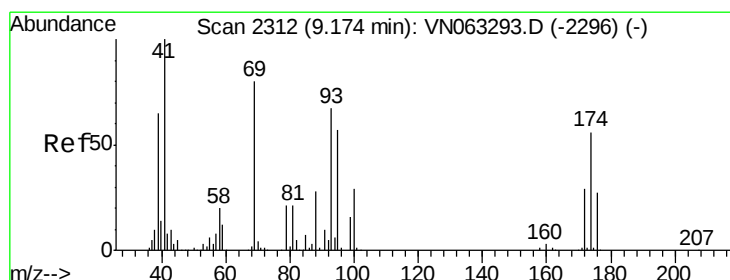
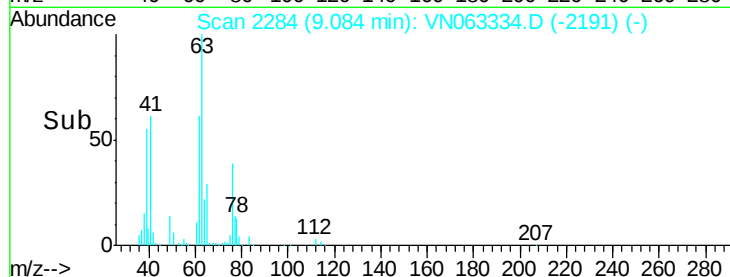
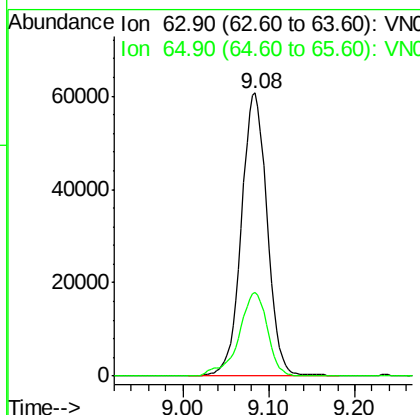
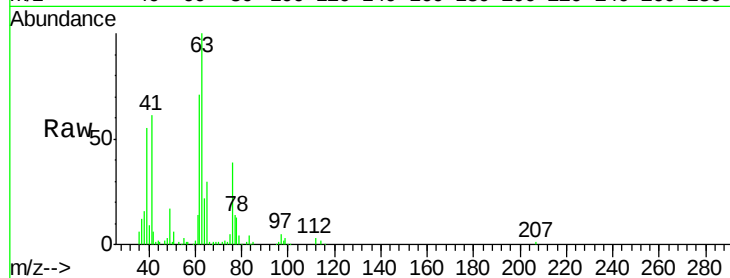
#45
 1,2-Dichloropropane
 Concen: 19.003 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.6	24.6	36.8

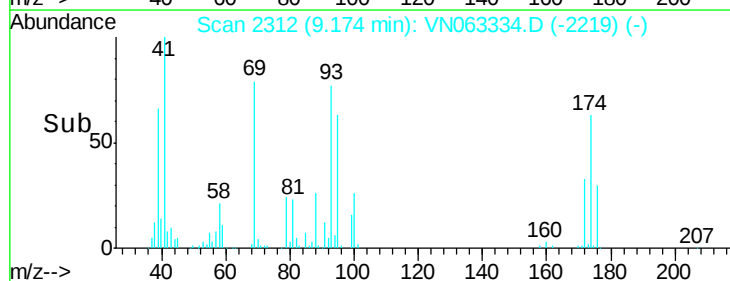
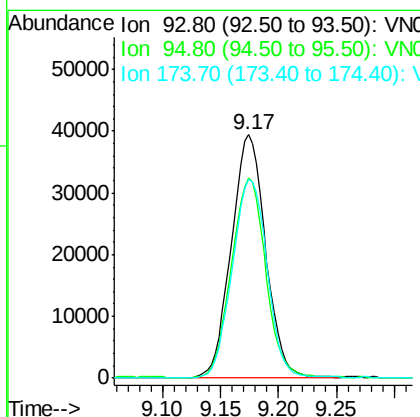
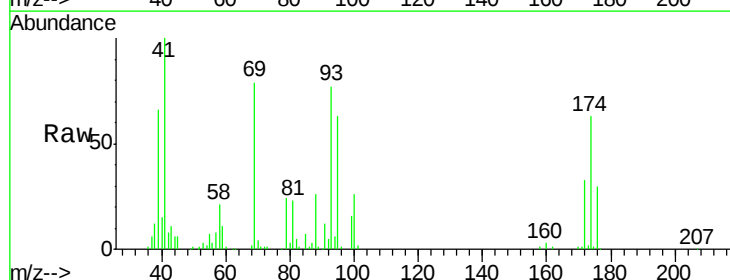
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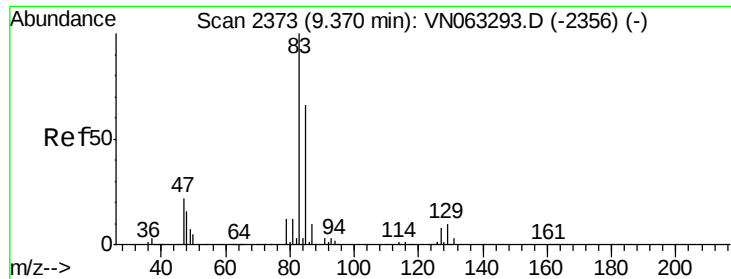
MMDadoda
 9/15/2020 1:58:54 PM



#46
 Dibromomethane
 Concen: 18.727 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.7	67.9	101.9
174	83.2	66.9	100.3





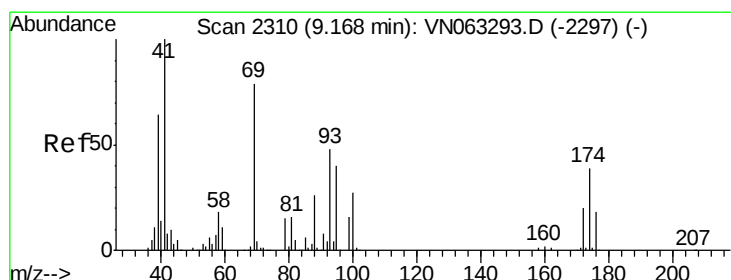
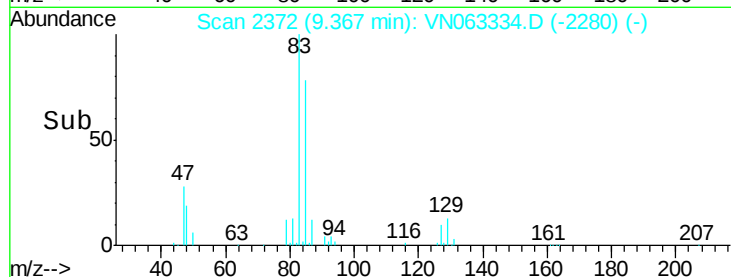
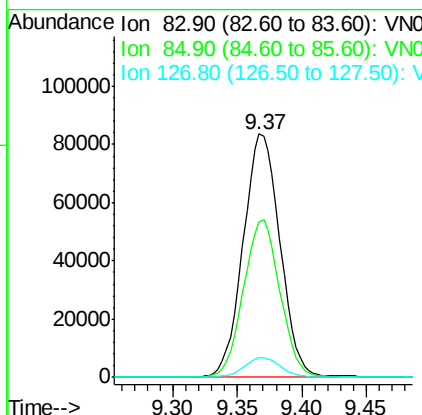
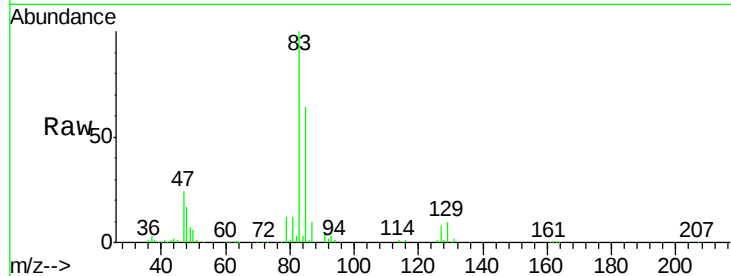
#47
Bromodichloromethane
Concen: 18.518 ug/l
RT: 9.37 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	166499		
85	64.0	52.5	78.7	
127	8.0	6.6	10.0	

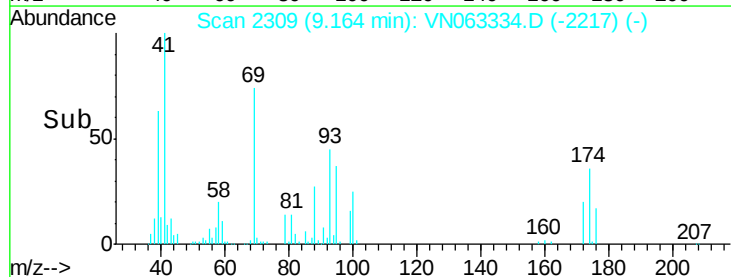
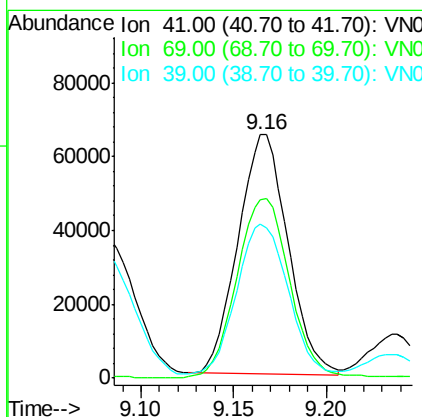
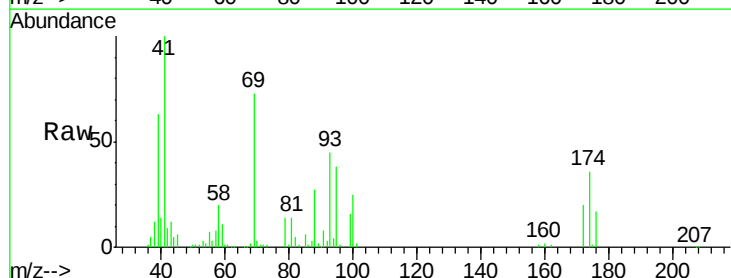
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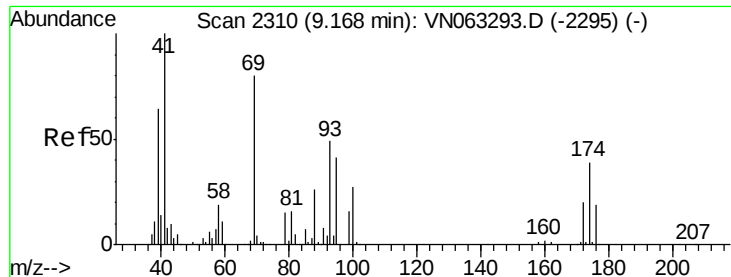
MMDadoda
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#48
Methyl methacrylate
Concen: 17.976 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	121356		
69	79.8	63.6	95.4	
39	67.1	53.2	79.8	





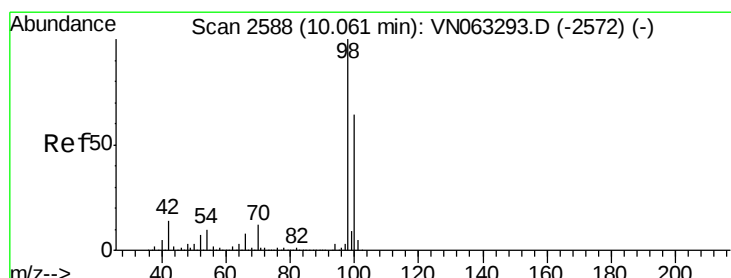
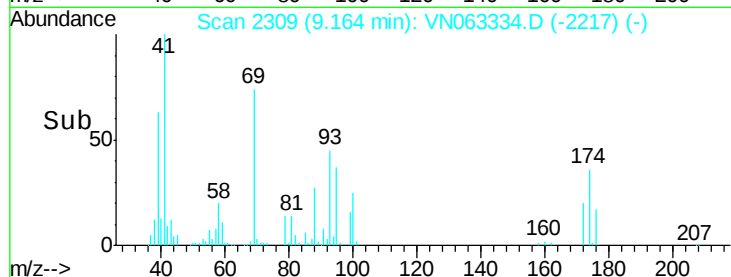
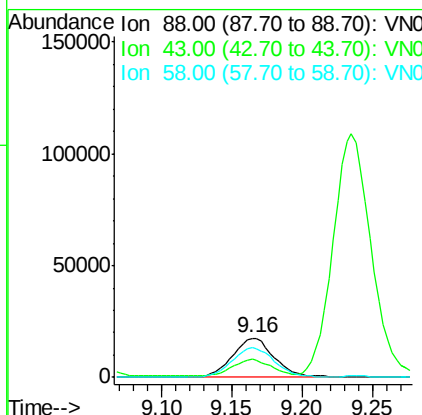
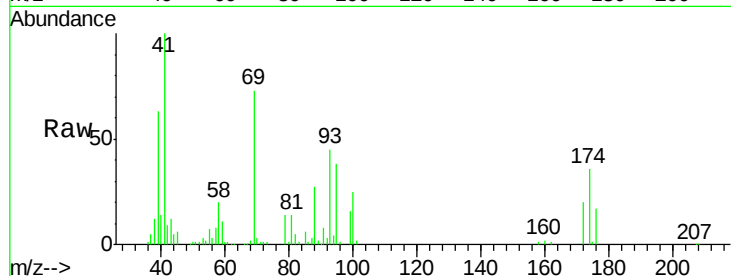
#49
1,4-Dioxane
Concen: 348.212 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Instrument :
MSVOA_N
ClientSampled :
VN0914WBS01

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	38.4		30.5	45.7
58	78.2		58.9	88.3

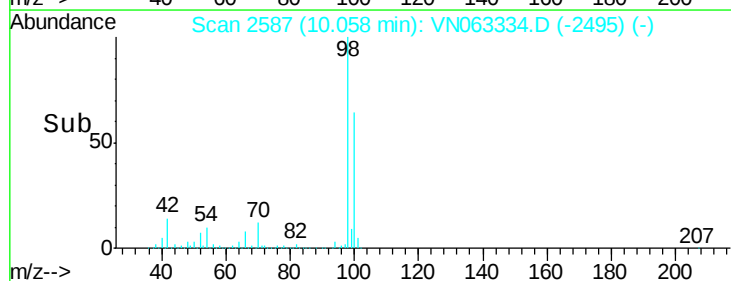
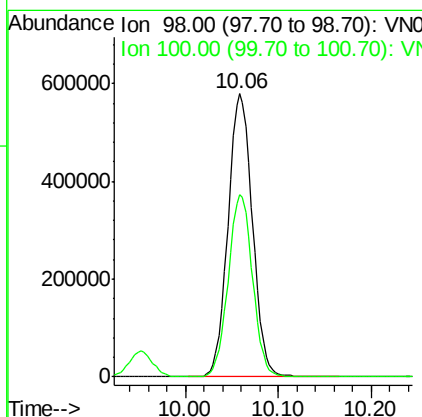
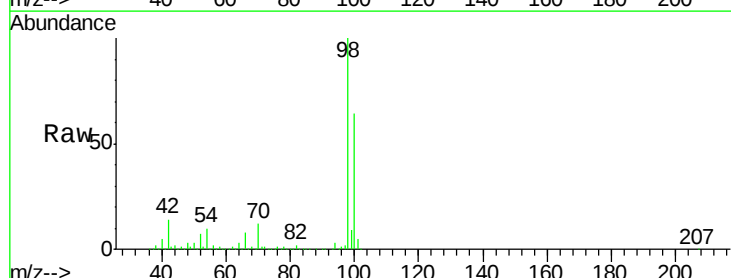
Manual Integrations
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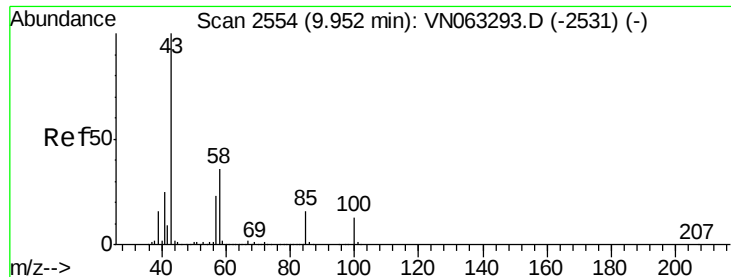
MMDadoda
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#50
Toluene-d8
Concen: 51.777 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	63.8		50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 97.062 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

Tot Ion: 43 Resp: 756840

Ion Ratio Lower Upper

43 100

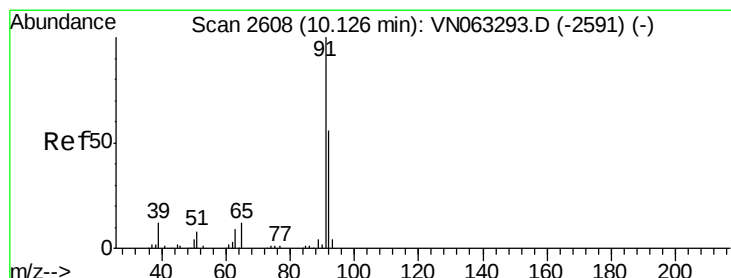
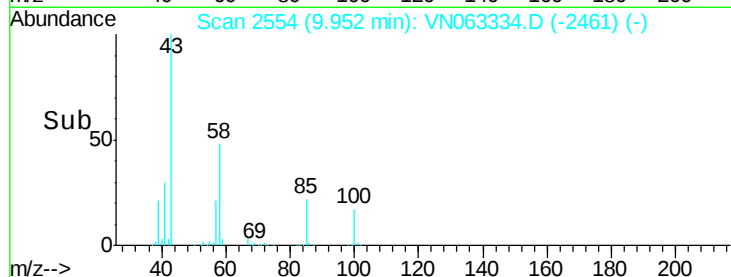
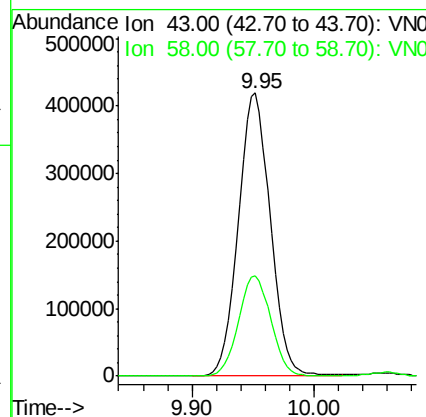
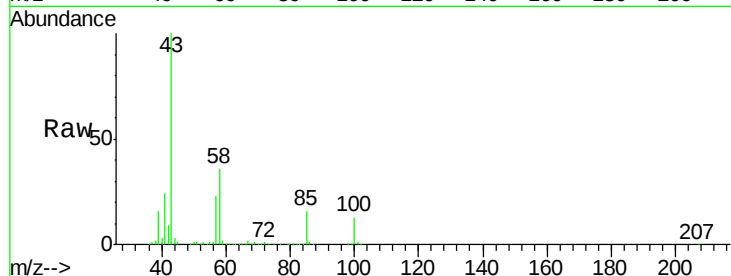
58 36.2 29.0 43.4

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9/15/2020 1:58:54 PM



#52

Toluene

Concen: 18.882 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063334.D

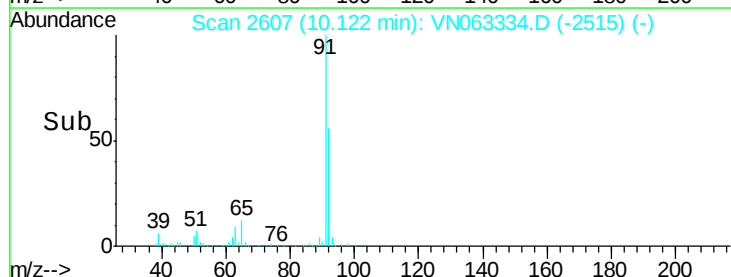
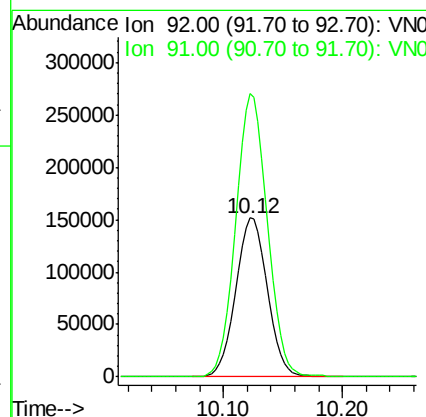
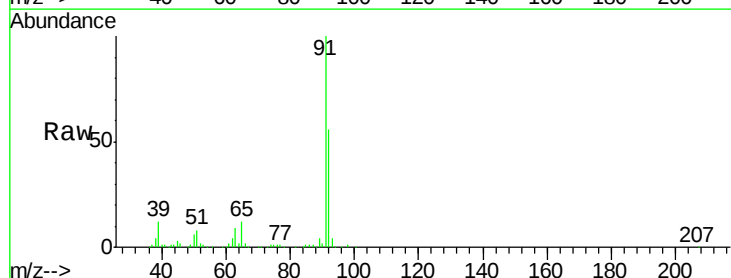
Acq: 14 Sep 2020 11:38

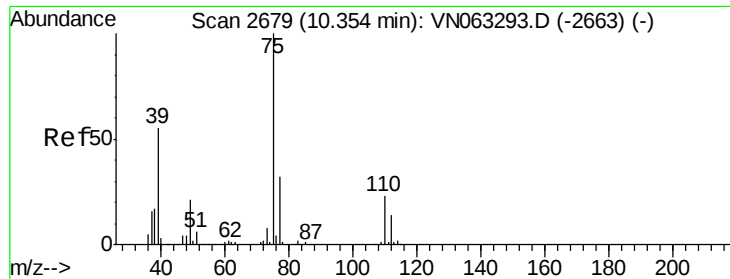
Tgt Ion: 92 Resp: 279627

Ion Ratio Lower Upper

92 100

91 177.8 141.2 211.8





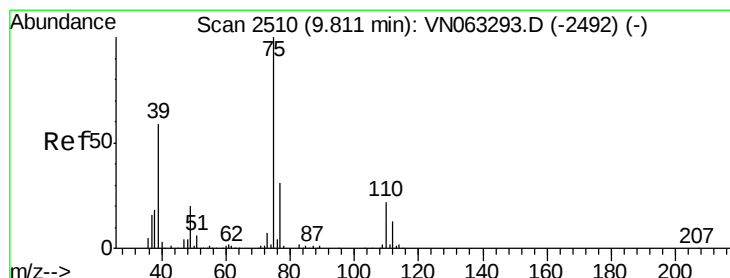
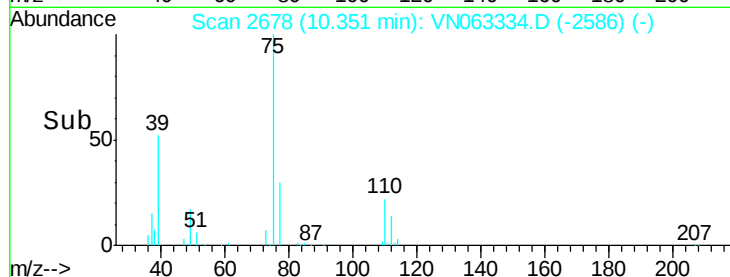
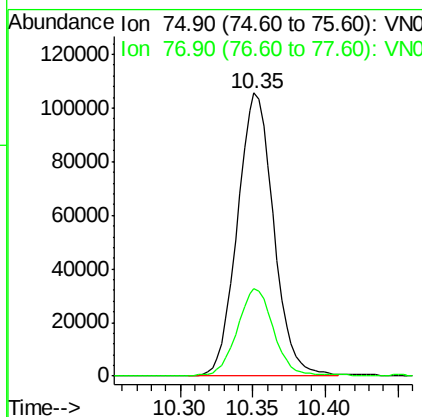
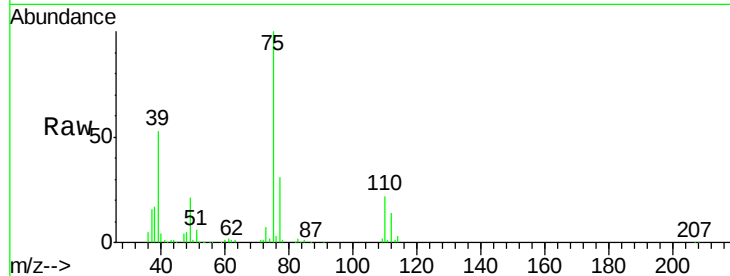
#53
t-1,3-Dichloropropene
Concen: 18.749 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.7	38.5

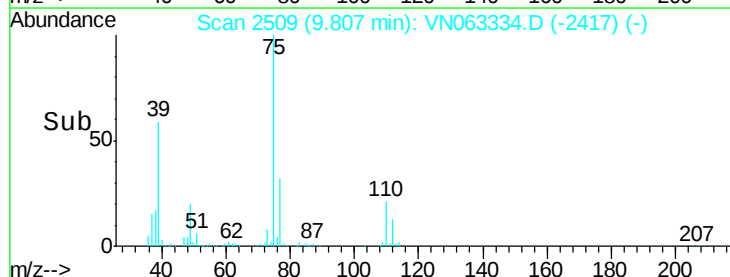
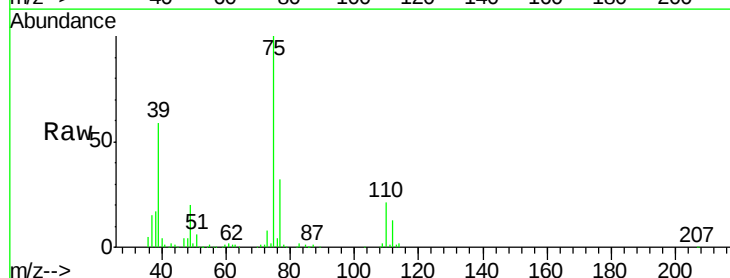
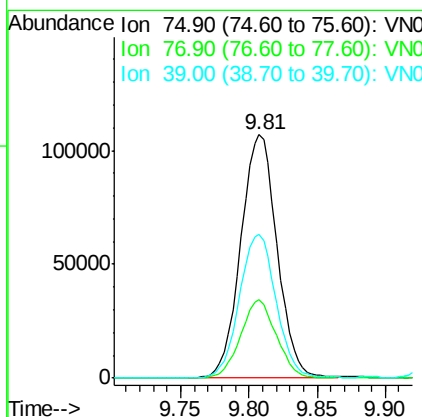
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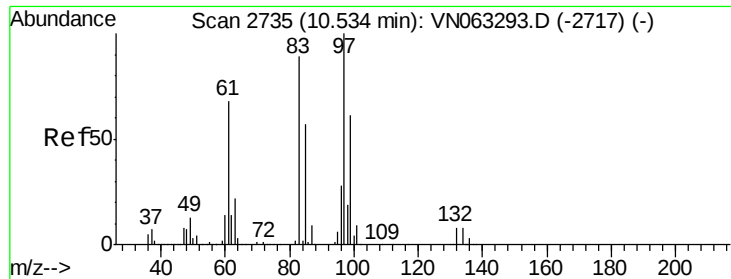
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#54
cis-1,3-Dichloropropene
Concen: 18.767 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.7	37.1
39	58.9	47.2	70.8





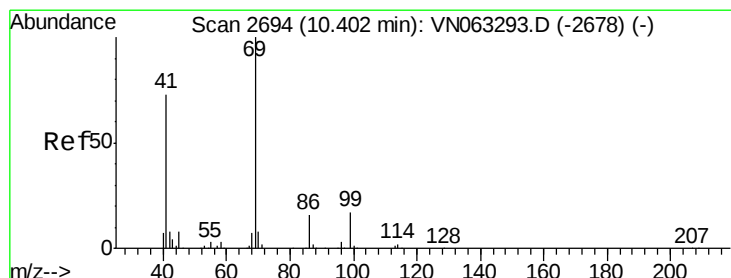
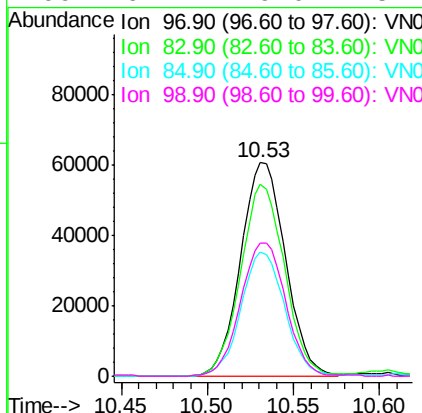
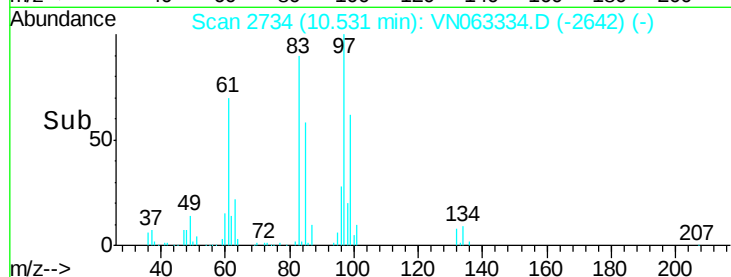
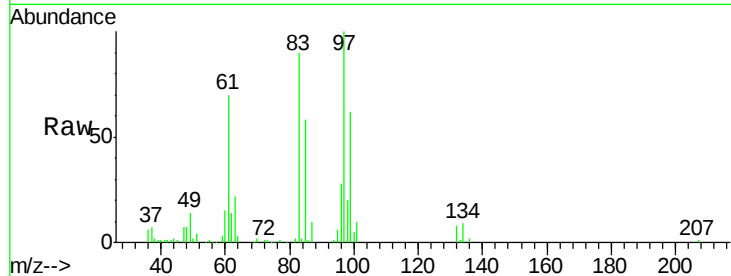
#55
 1,1,2-Trichloroethane
 Concen: 18.926 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

Tot Ion:	97	Resp:	109830
Ion	Ratio	Lower	Upper
97	100		
83	89.9	70.8	106.2
85	58.1	45.6	68.4
99	62.2	49.0	73.4

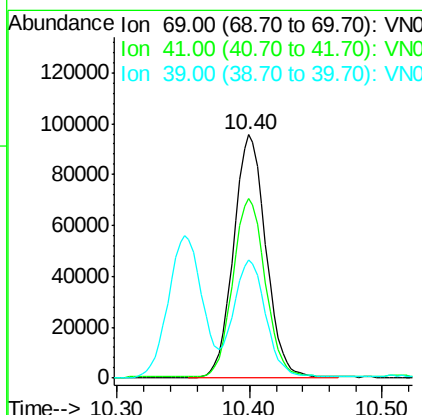
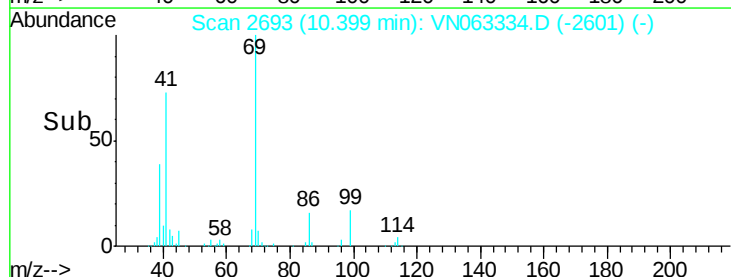
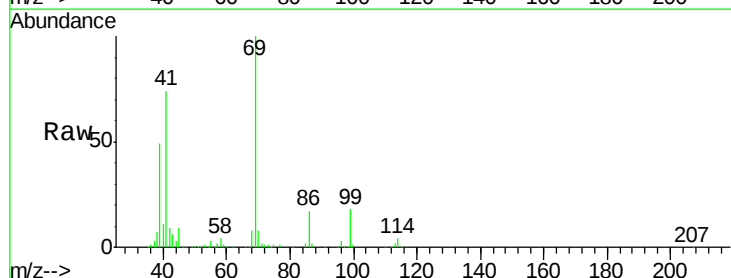
Manual Integrations
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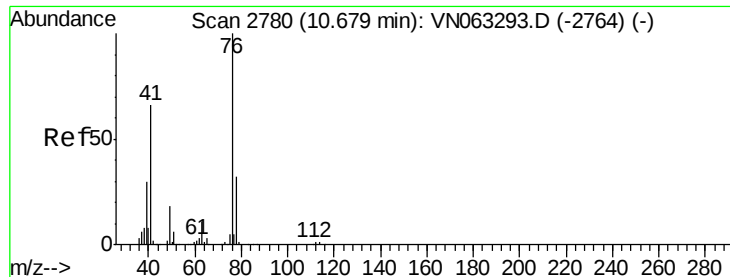
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#56
 Ethyl methacrylate
 Concen: 18.456 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

Tgt Ion:	69	Resp:	162866
Ion	Ratio	Lower	Upper
69	100		
41	73.0	58.4	87.6
39	47.7	38.6	58.0





#57

1,3-Dichloropropane

Concen: 19.135 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

Tot Ion: 76 Resp: 194033

Ion Ratio Lower Upper

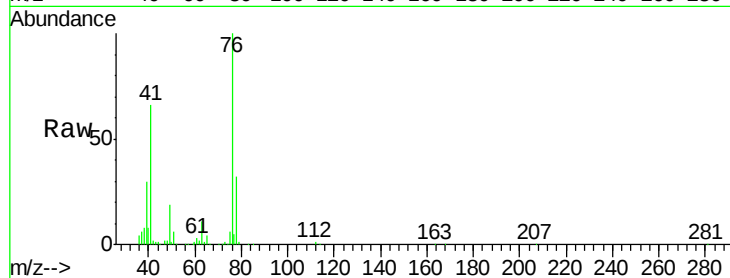
76 100

78 32.2 25.7 38.5

Manual Integrations
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MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

120000

100000

80000

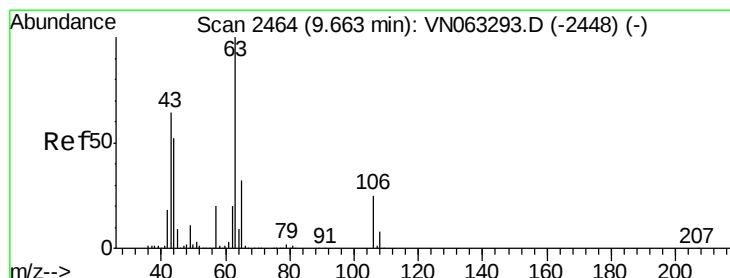
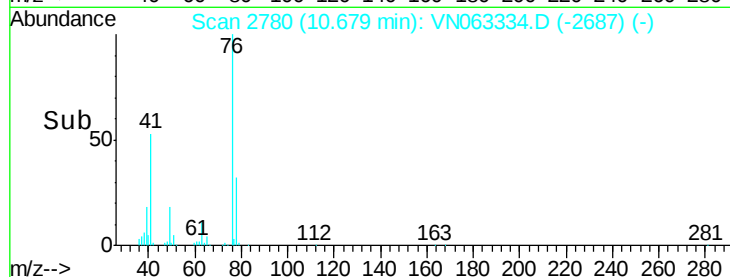
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 82.792 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063334.D

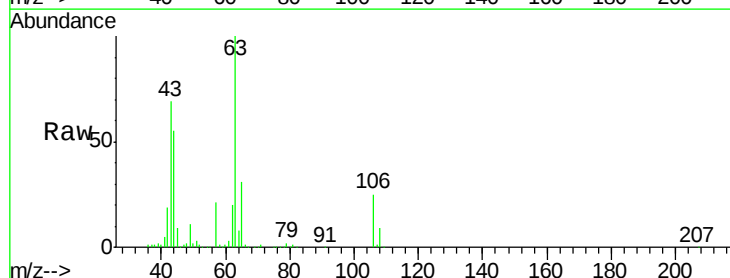
Acq: 14 Sep 2020 11:38

Tgt Ion: 63 Resp: 391896

Ion Ratio Lower Upper

63 100

106 25.2 20.2 30.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.66

250000

200000

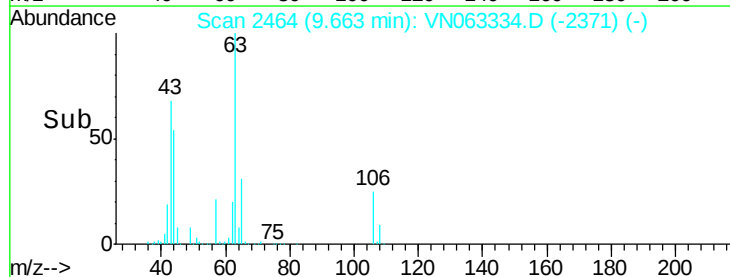
150000

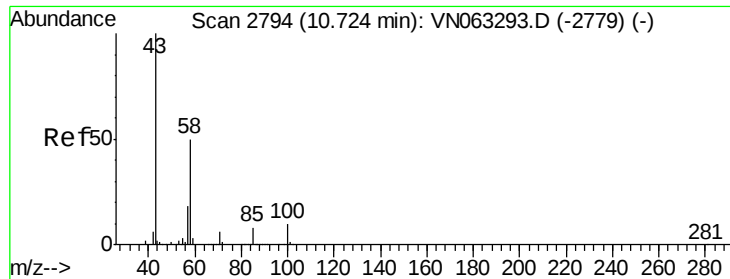
100000

50000

0

Time-->





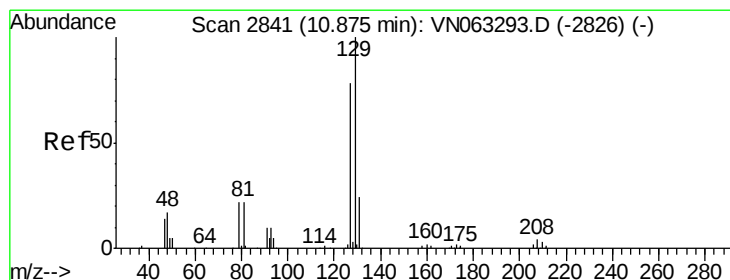
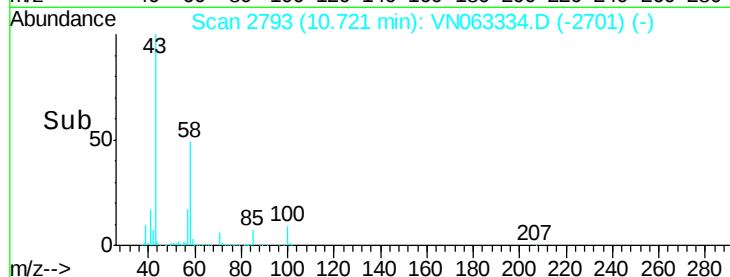
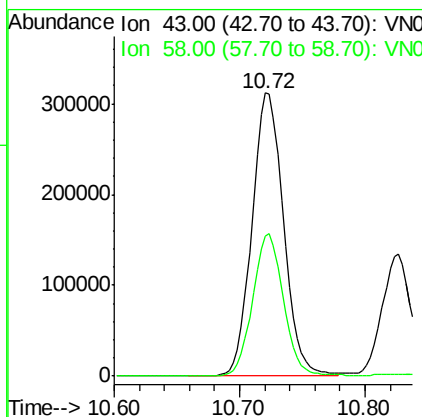
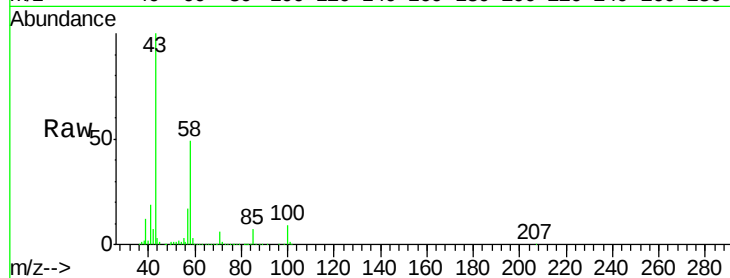
#59
2-Hexanone
Concen: 94.663 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tot Ion: 43 Resp: 544380
Ion Ratio Lower Upper
43 100
58 49.3 25.1 75.3

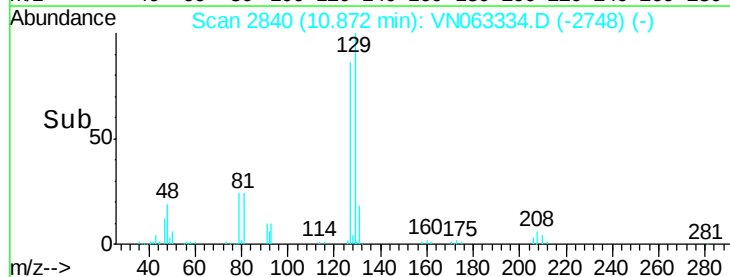
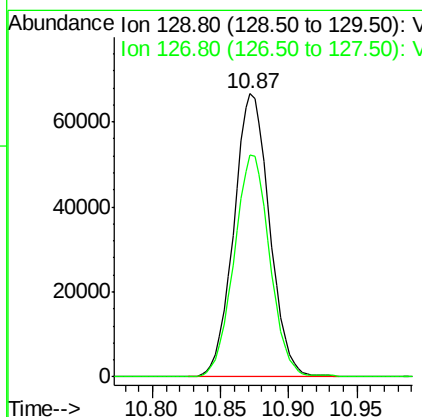
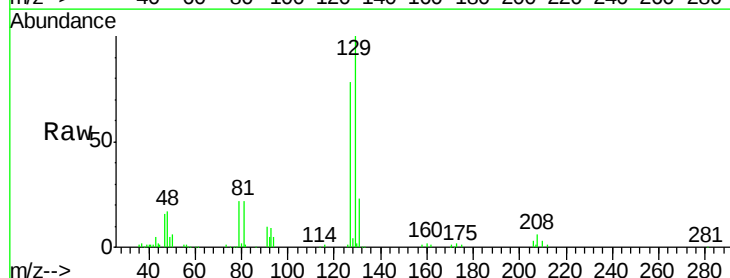
Manual Integrations
APPROVED

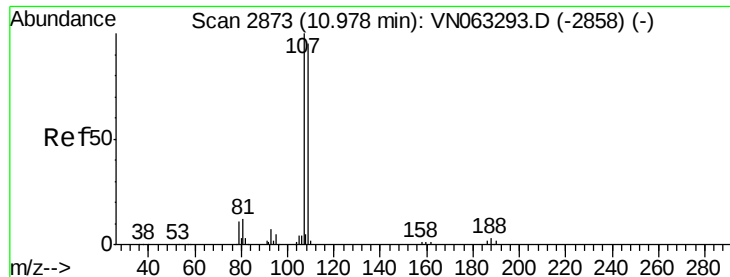
MMDadoda
9/15/2020 1:58:54 PM



#60
Dibromochloromethane
Concen: 18.980 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Tgt Ion: 129 Resp: 120947
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0





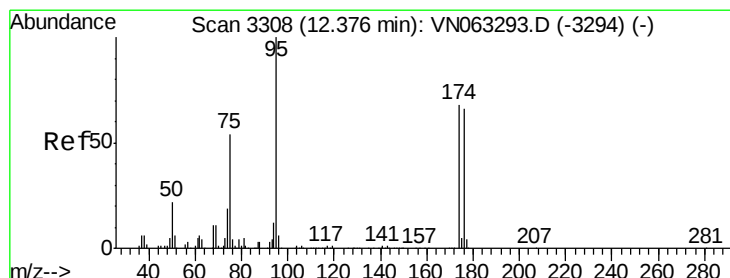
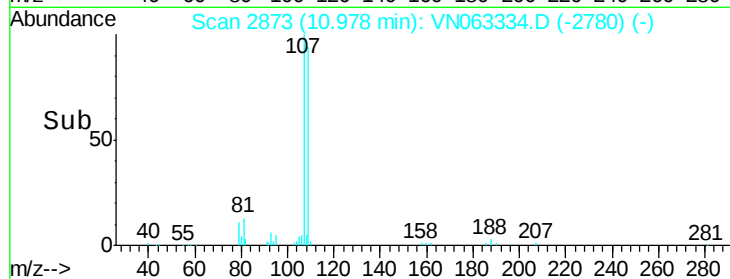
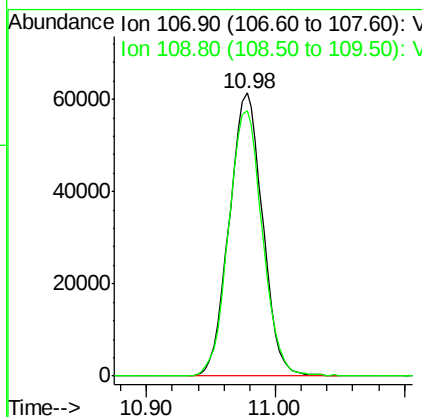
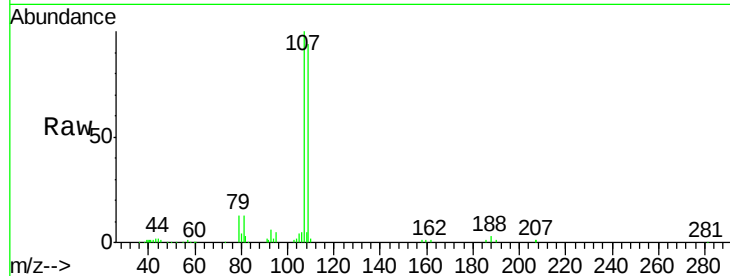
#61
 1,2-Dibromoethane
 Concen: 18.199 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.4	75.5	113.3

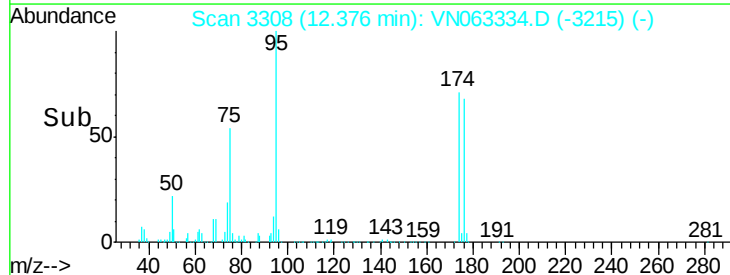
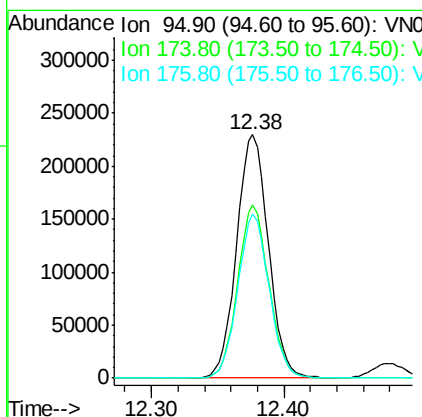
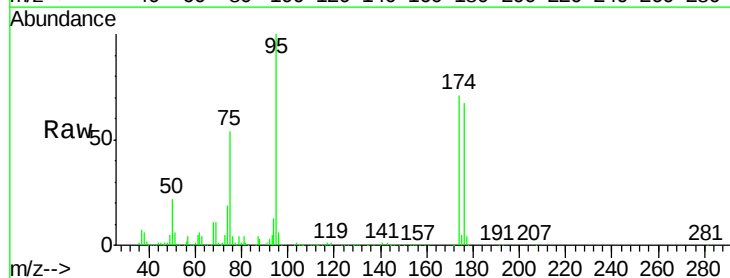
Manual Integrations
 APPROVED

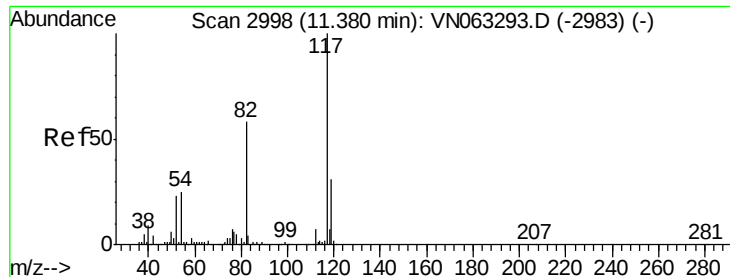
MMDadoda
 9/15/2020 1:58:54 PM



#62
 4-Bromofluorobenzene
 Concen: 50.736 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

Tgt Ion	Ratio	Lower	Upper
95	100		
174	70.0	0.0	136.6
176	66.3	0.0	132.8





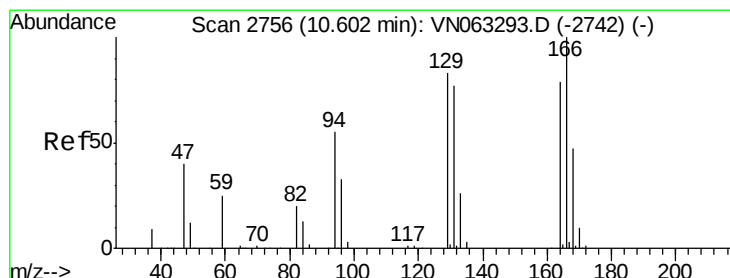
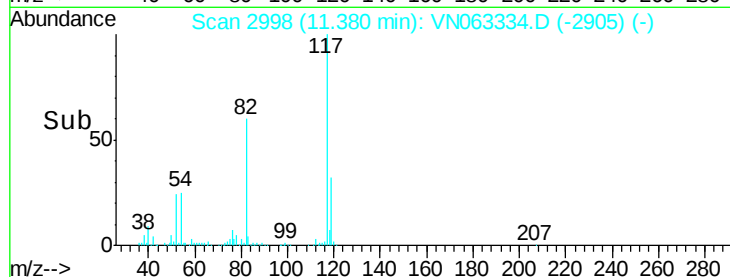
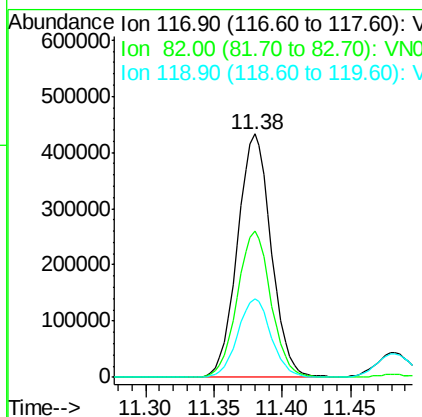
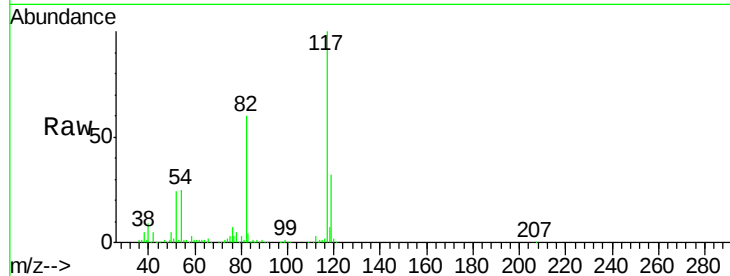
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	742507		
82	59.9	46.4	69.6	
119	32.2	24.8	37.2	

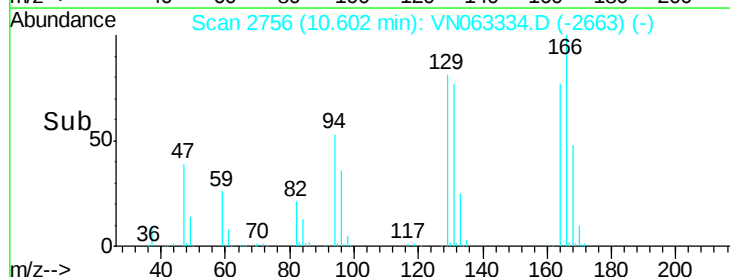
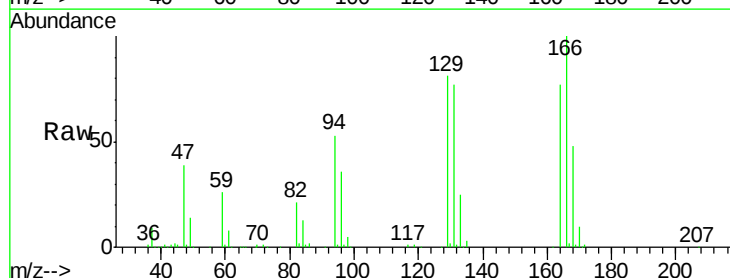
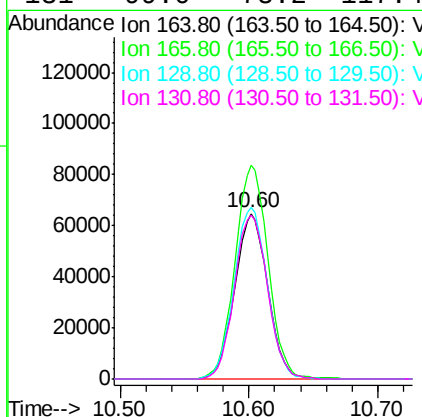
Manual Integrations
APPROVED

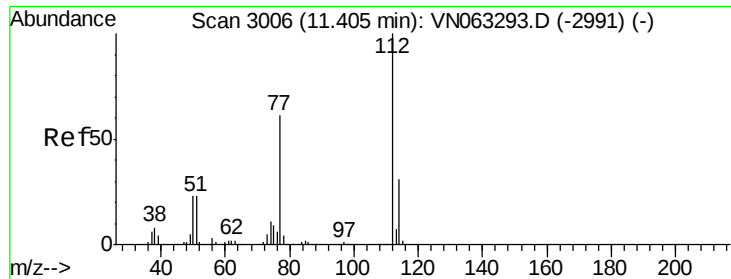
MMDadoda
9/15/2020 1:58:54 PM



#64
Tetrachloroethene
Concen: 18.943 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	115220		
166	129.3	101.3	151.9	
129	104.3	83.7	125.5	
131	99.0	78.2	117.4	





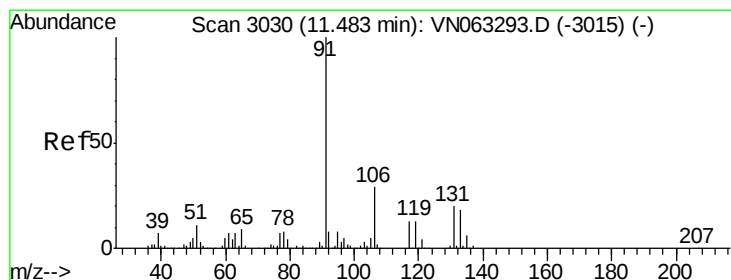
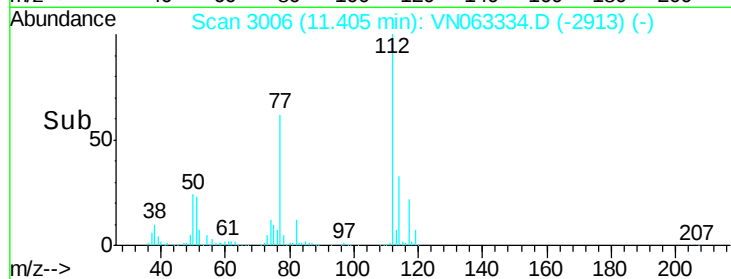
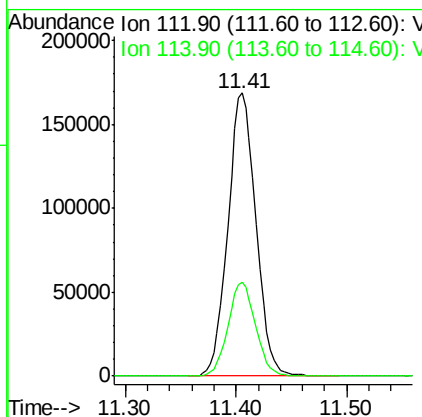
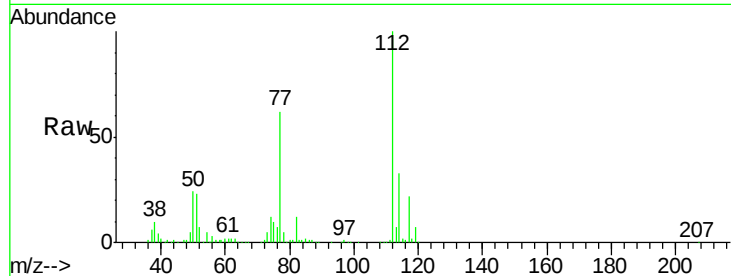
#65
Chlorobenzene
Concen: 18.565 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	296758		
114	33.4	24.6	36.8	

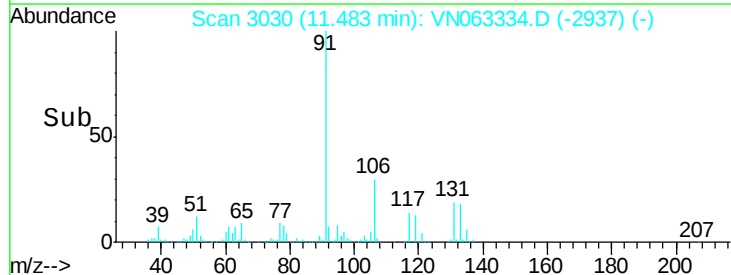
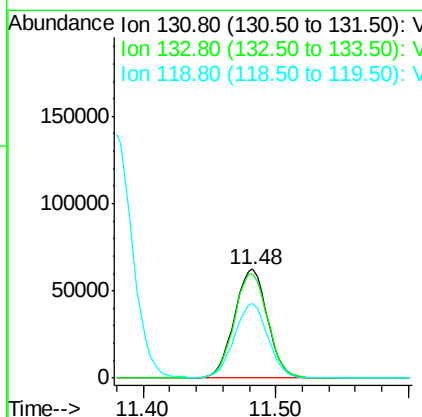
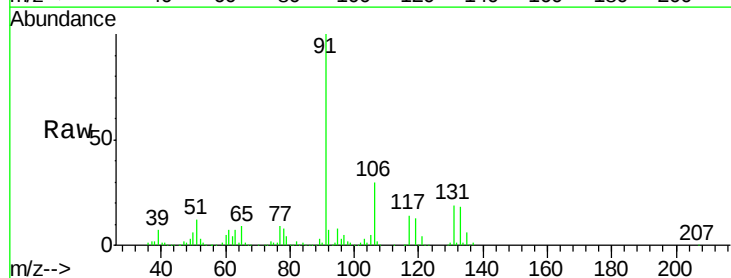
Manual Integrations
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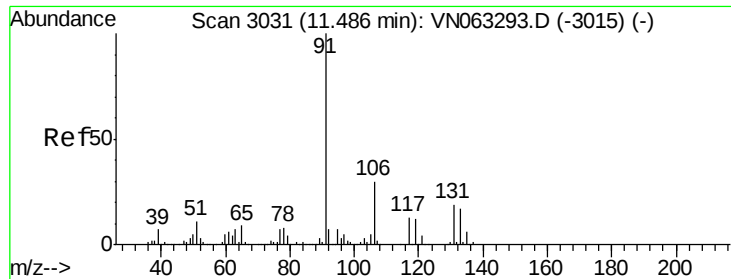
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.653 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	108636		
133	97.1	47.4	142.2	
119	68.4	33.8	101.3	





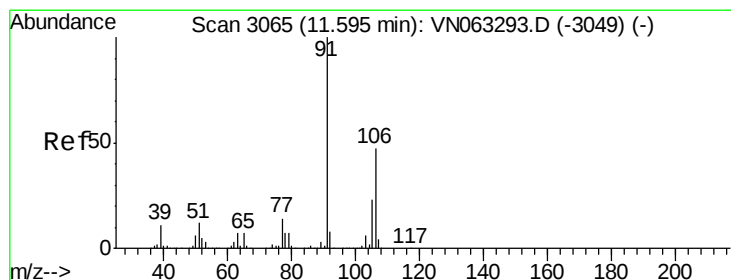
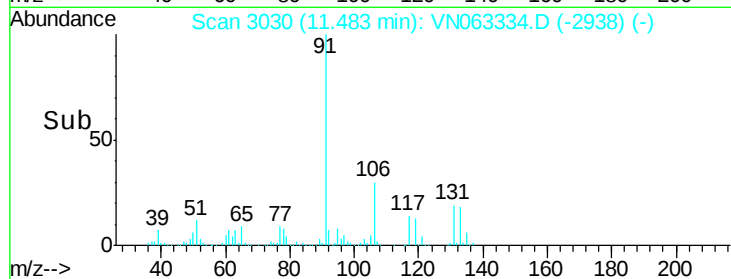
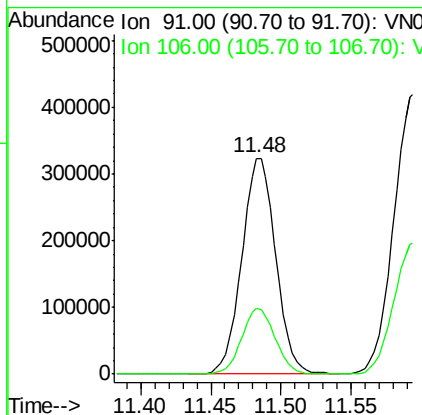
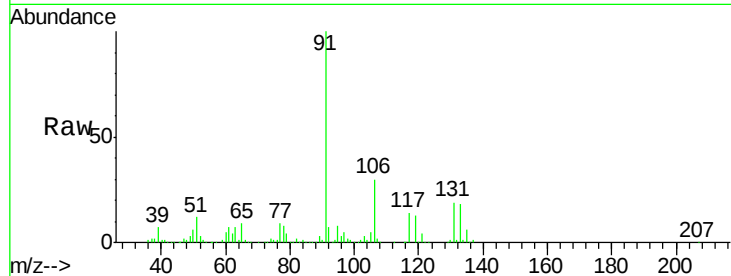
#67
Ethyl Benzene
Concen: 18.984 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.4	23.8	35.6

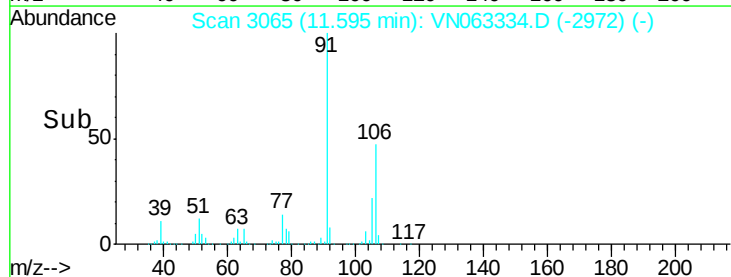
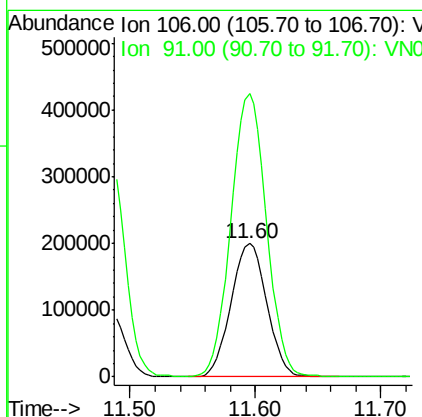
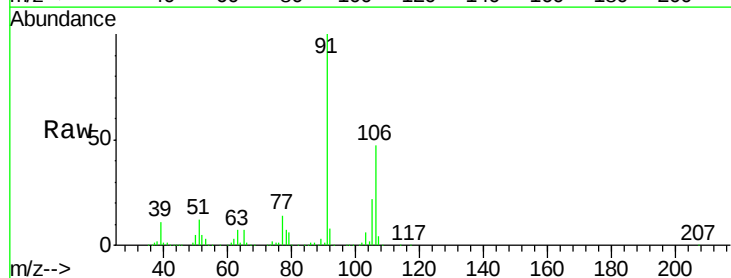
Manual Integrations
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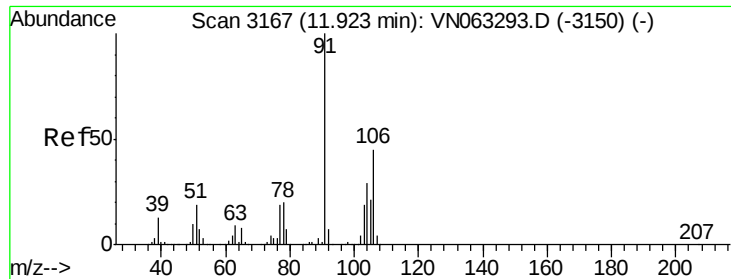
MMDadoda
9/15/2020 1:58:54 PM



#68
m/p-Xylenes
Concen: 37.221 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Tgt Ion	Ratio	Lower	Upper
106	100		
91	210.7	169.8	254.8





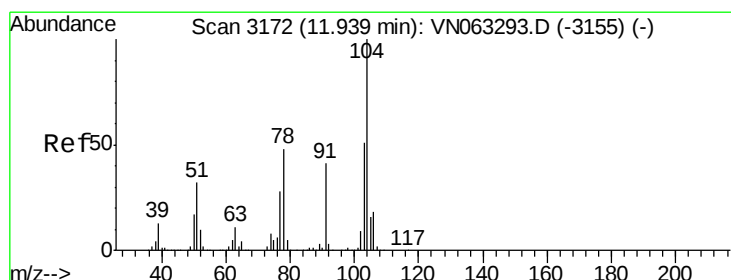
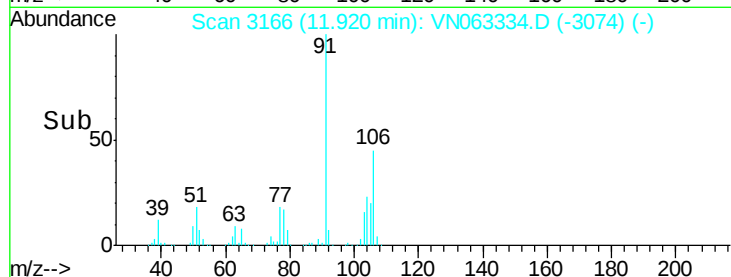
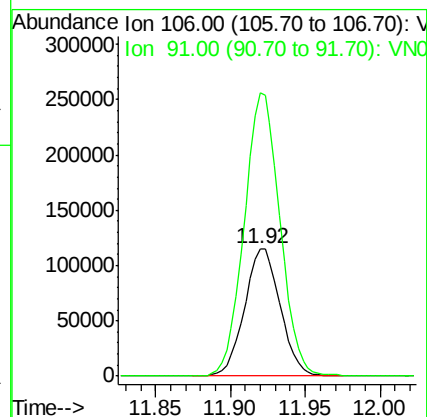
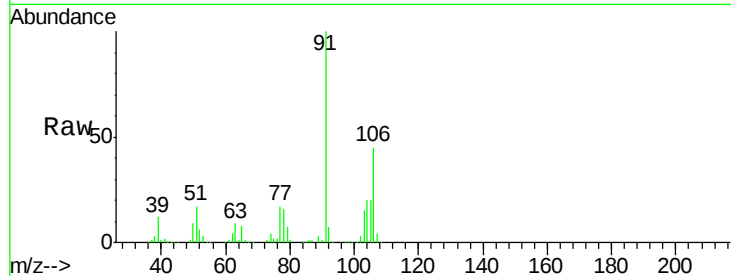
#69
o-Xylene
Concen: 18.797 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Instrument :
MSVOA_N
ClientSampled :
VN0914WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	191483		
91	91	222.9	111.5	334.4	

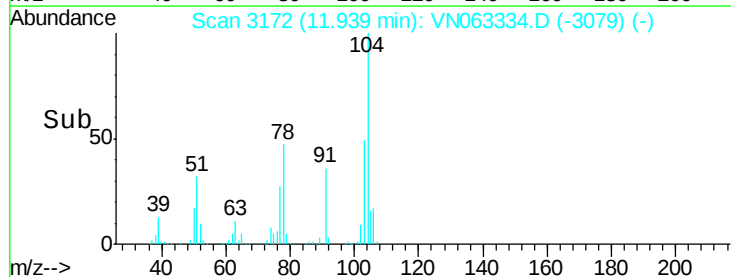
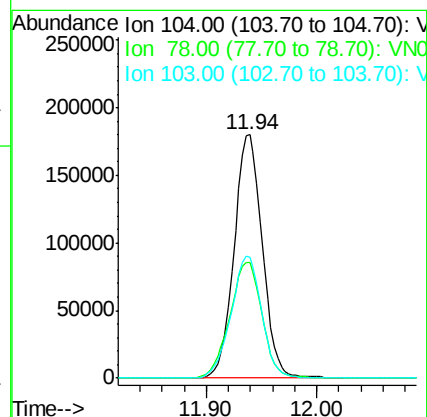
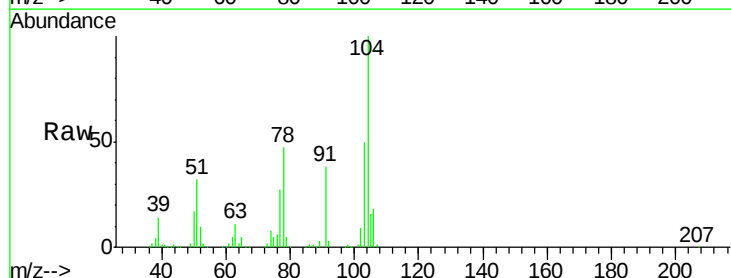
Manual Integrations
APPROVED

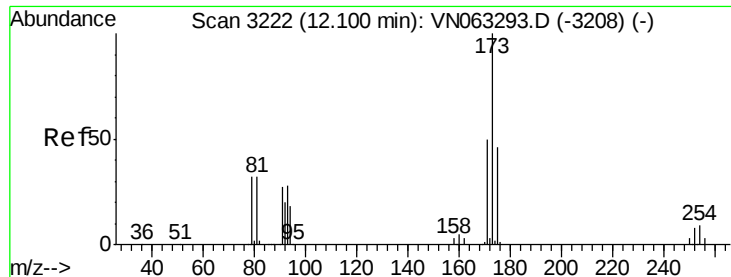
MMDadoda
9/15/2020 1:58:54 PM



#70
Styrene
Concen: 18.824 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	318716		
78	78	54.3	42.9	64.3	
103	103	54.3	44.2	66.2	





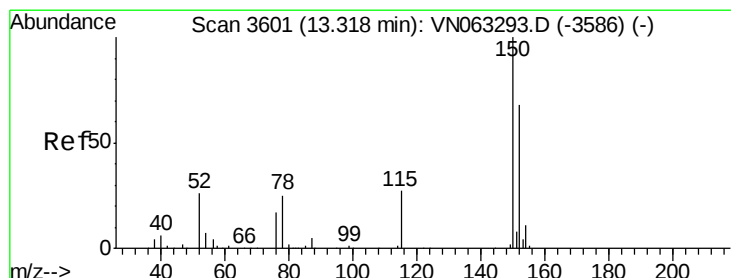
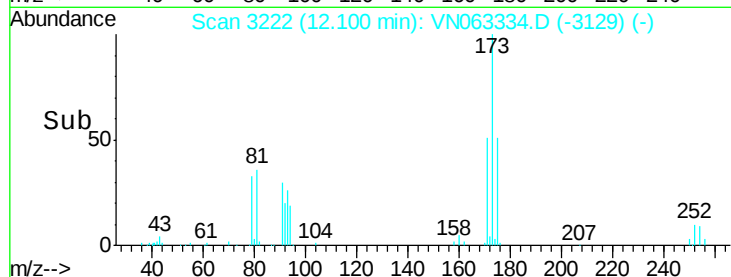
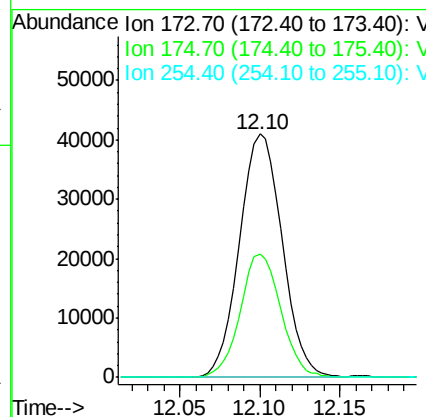
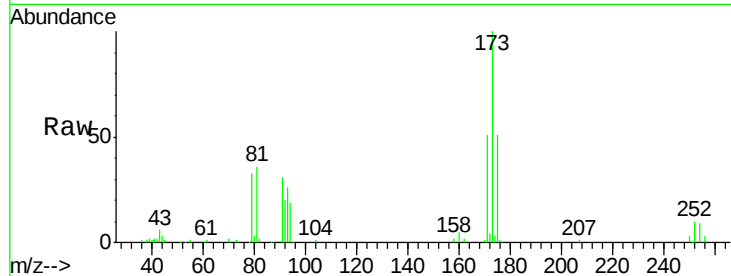
#71
Bromoform
Concen: 18.530 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	23.8	71.5
254	0.0	0.0	0.0

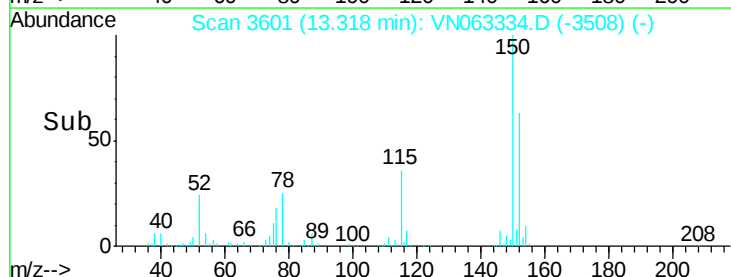
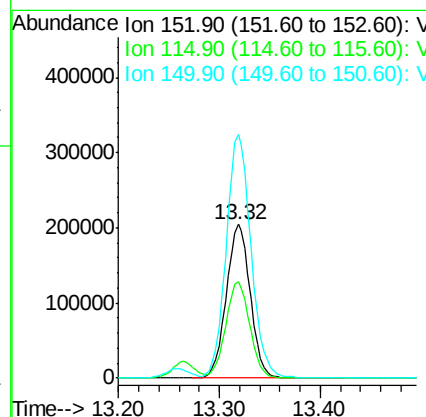
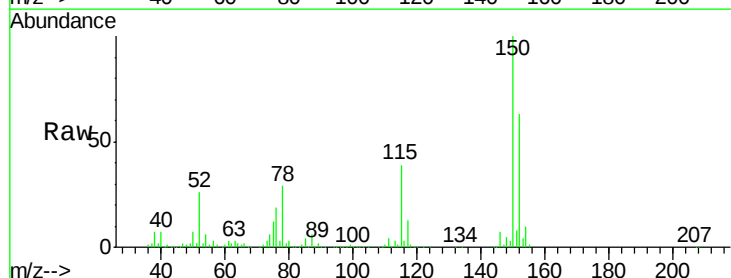
Manual Integrations
APPROVED

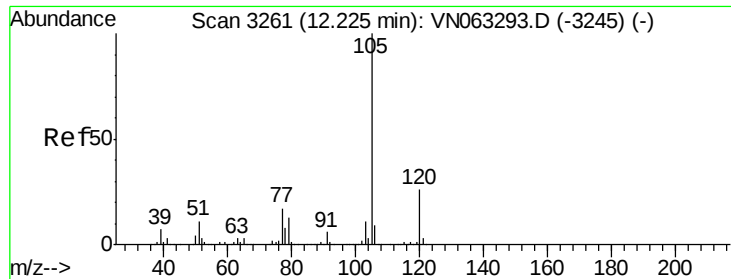
MMDadoda
9/15/2020 1:58:54 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.6	31.5	94.5
150	164.2	0.0	344.0





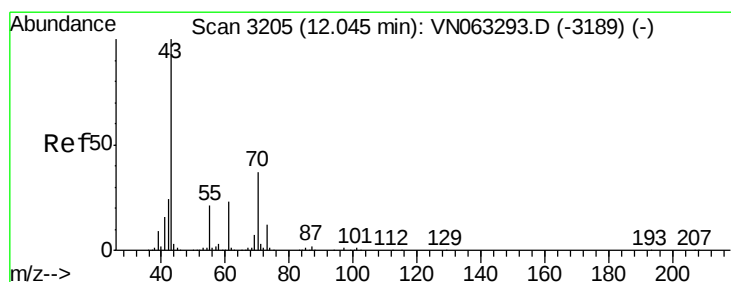
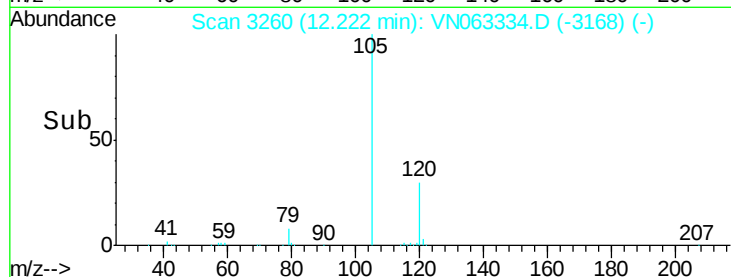
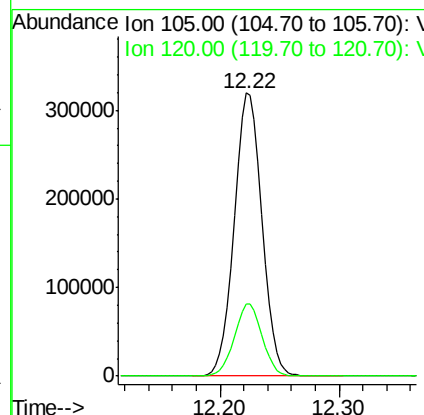
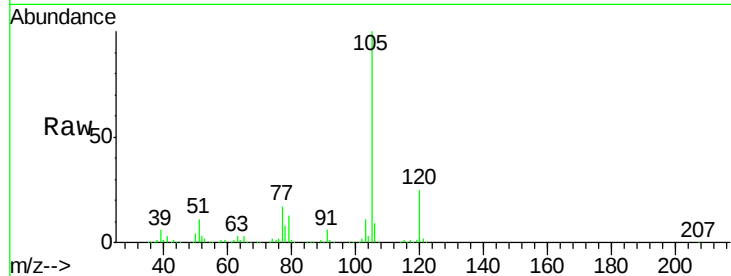
#73
Isopropylbenzene
Concen: 18.868 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.4	13.0	38.9

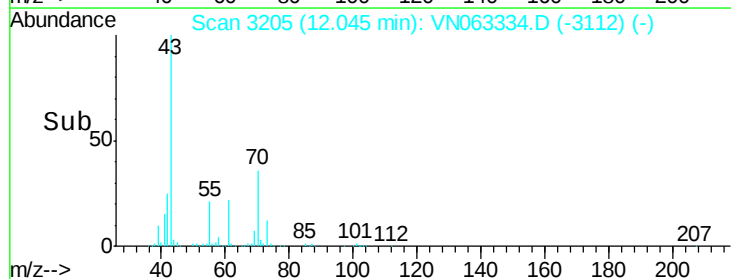
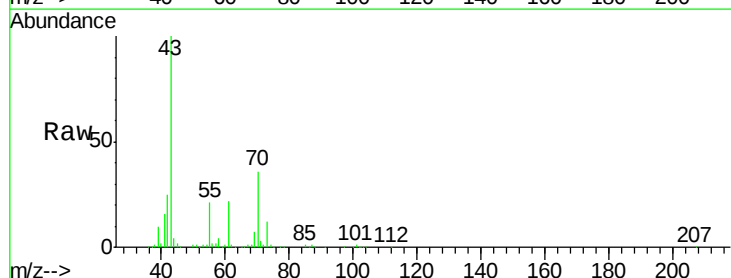
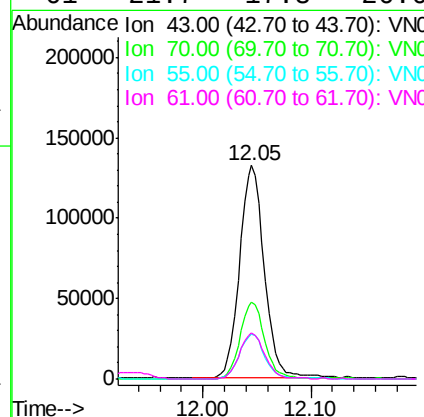
Manual Integrations
APPROVED

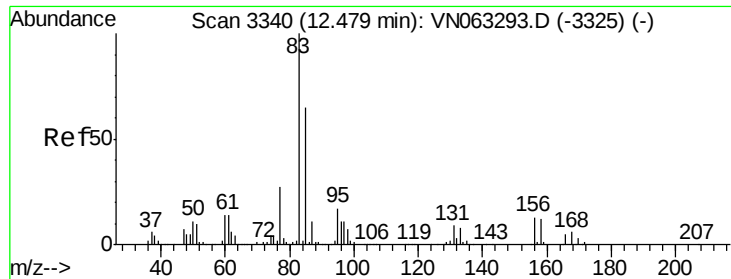
MMDadoda
9/15/2020 1:58:54 PM



#74
N-ethyl acetate
Concen: 18.923 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Tgt Ion	Ratio	Lower	Upper
43	100		
70	36.1	29.3	43.9
55	21.7	17.0	25.6
61	21.7	17.8	26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.865 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

Tot Ion: 83 Resp: 147836

Ion Ratio Lower Upper

83 100

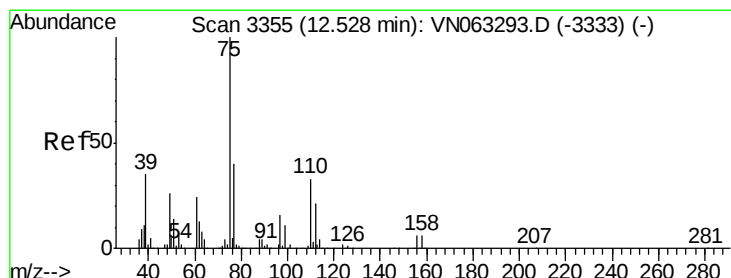
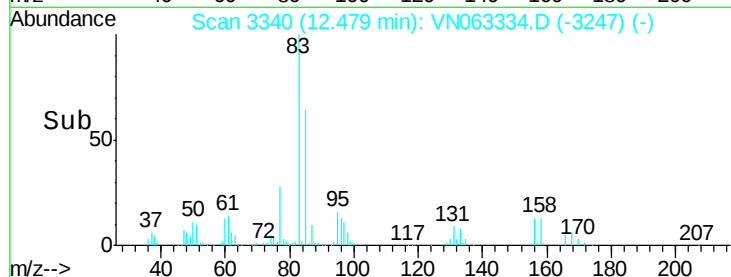
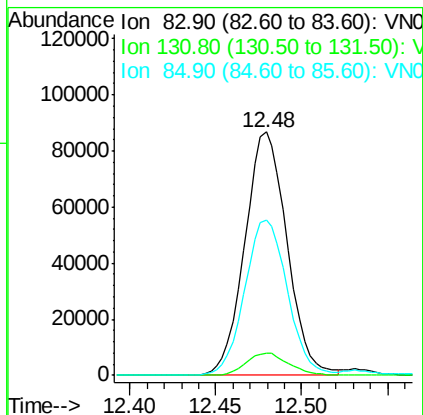
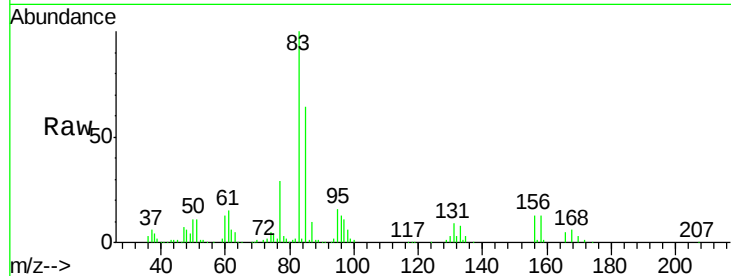
131 9.3 4.7 14.1

85 64.4 32.0 96.2

Manual Integrations
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MMDadoda

9/15/2020 1:58:54 PM



#76

1,2,3-Trichloropropane

Concen: 18.932 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063334.D

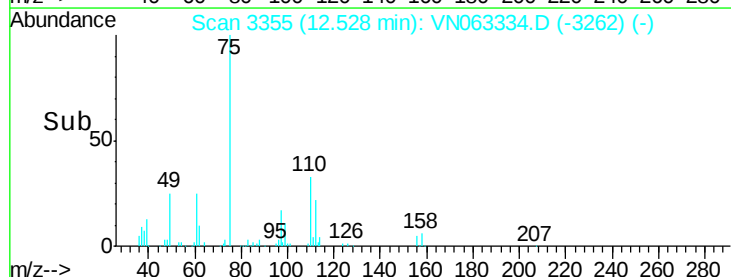
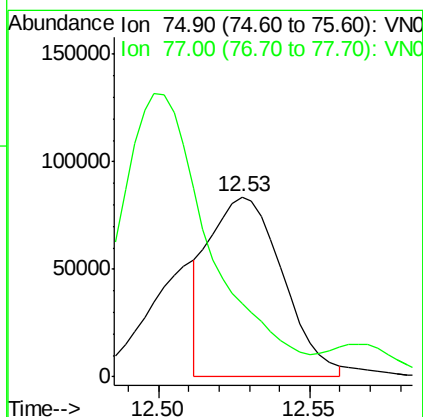
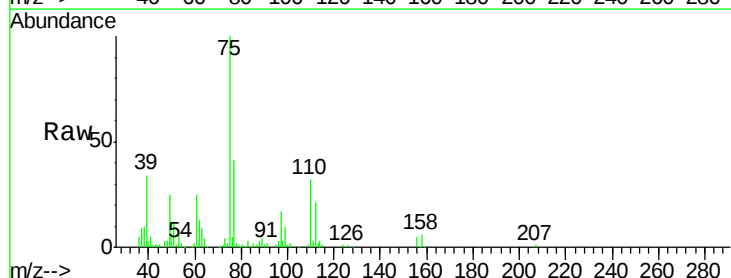
Acq: 14 Sep 2020 11:38

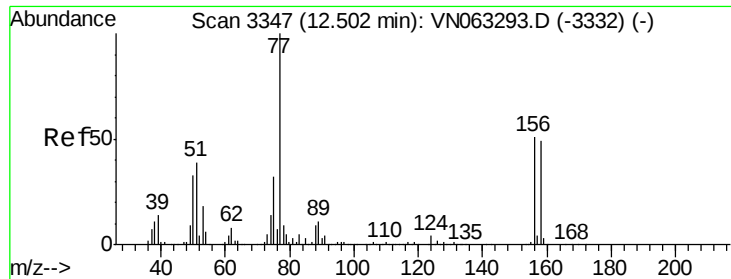
Tgt Ion: 75 Resp: 141694

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.505 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBS01

Tot Ion:156 Resp: 116394

Ion Ratio Lower Upper

156 100

77 237.2 117.4 352.2

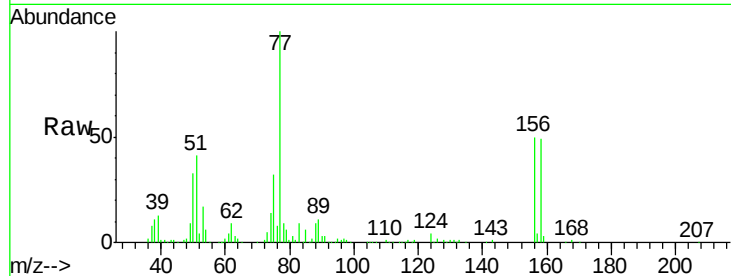
158 96.9 48.8 146.4

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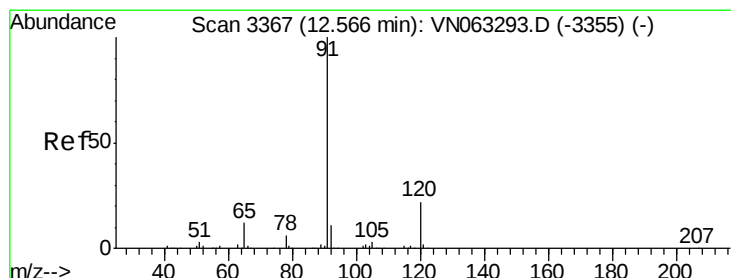
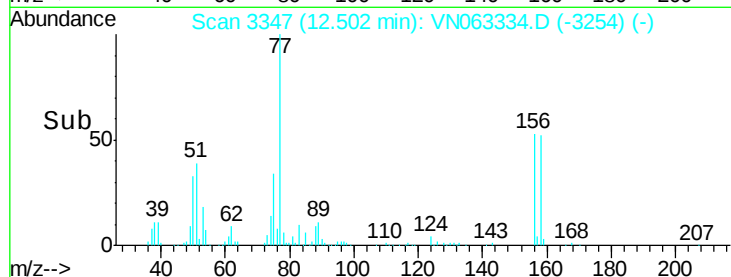
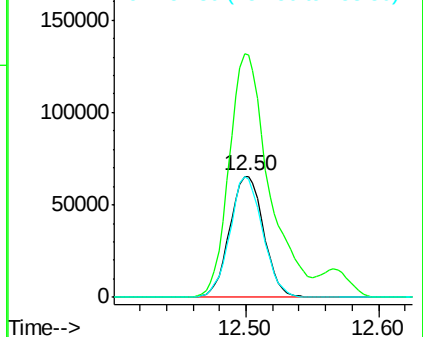
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.260 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063334.D

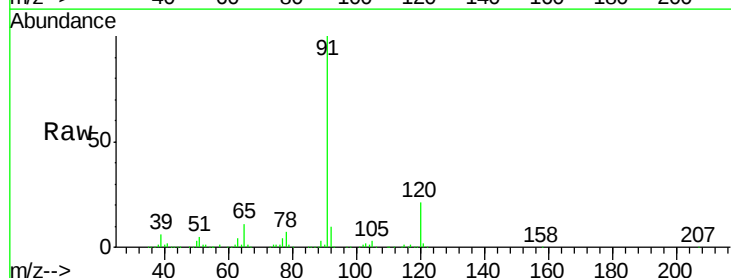
Acq: 14 Sep 2020 11:38

Tgt Ion: 91 Resp: 598710

Ion Ratio Lower Upper

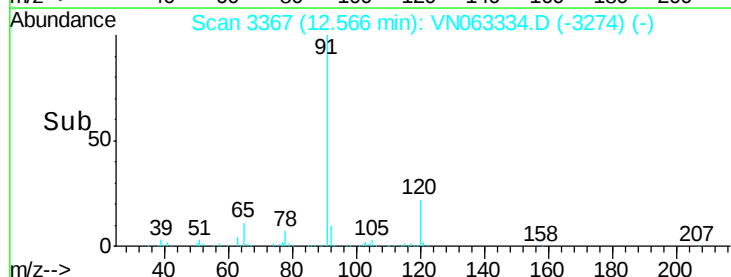
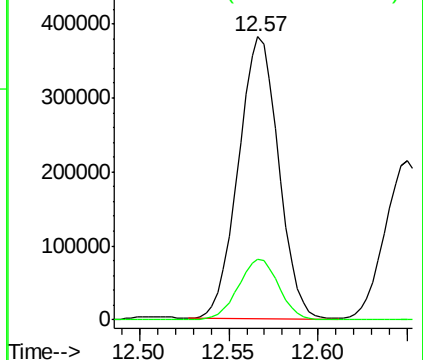
91 100

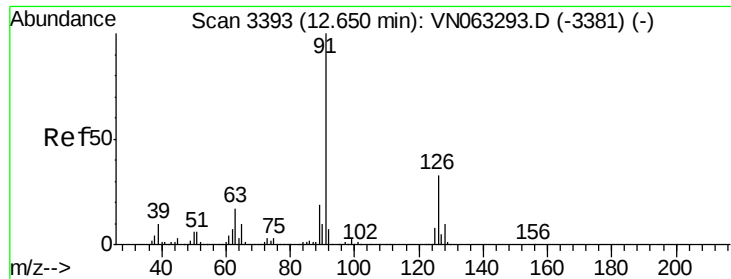
120 21.7 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





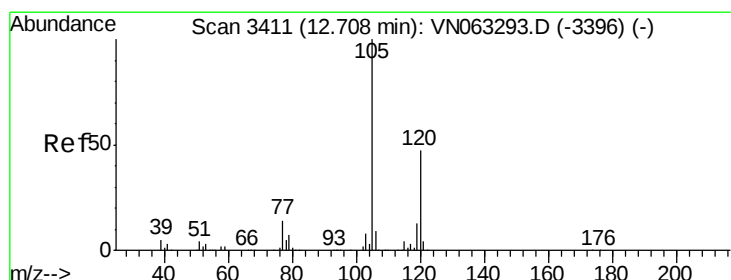
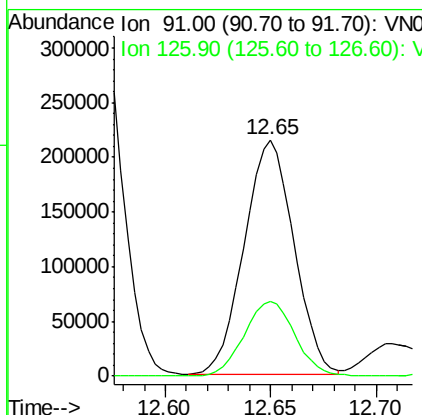
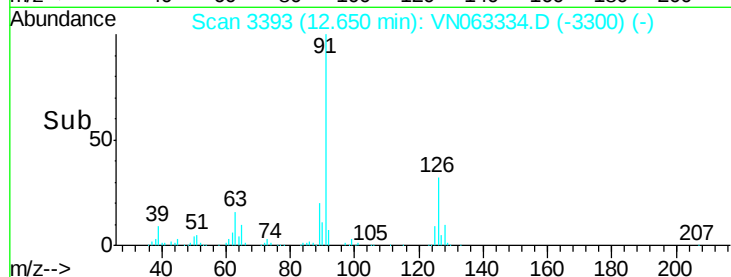
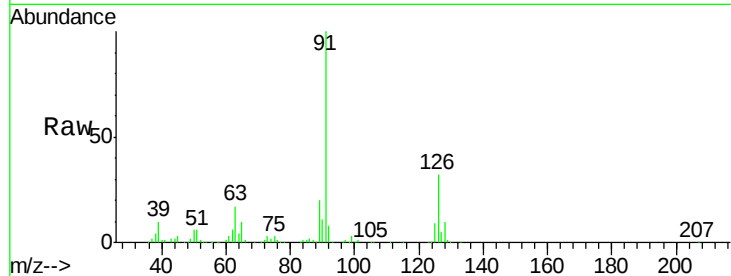
#79
 2-Chlorotoluene
 Concen: 18.503 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

Tot Ion: 91 Resp: 353653
 Ion Ratio Lower Upper
 91 100
 126 32.4 16.3 48.8

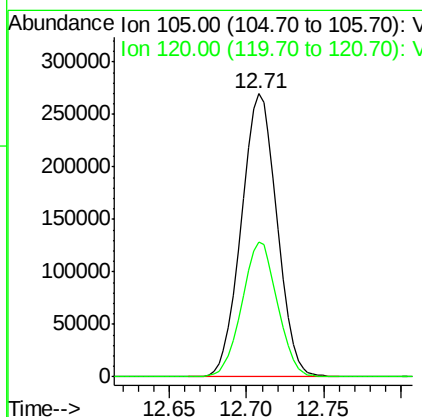
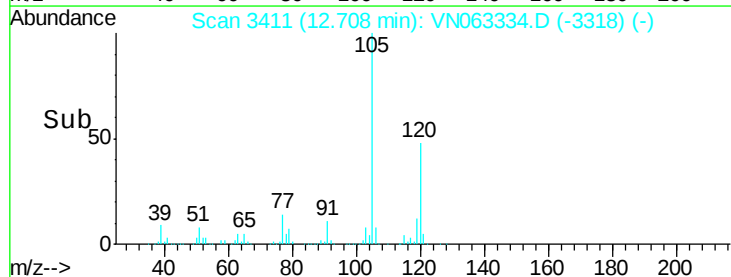
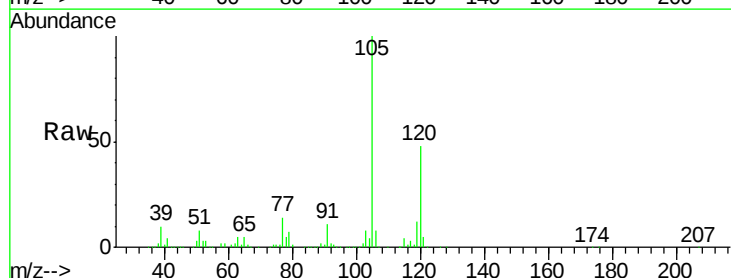
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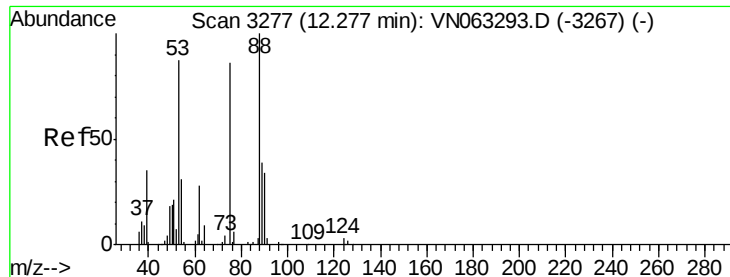
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.032 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

Tgt Ion: 105 Resp: 432438
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.174 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

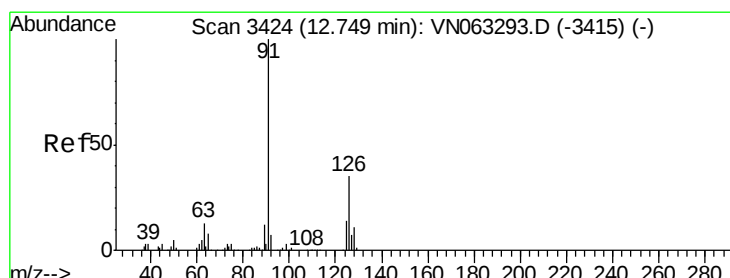
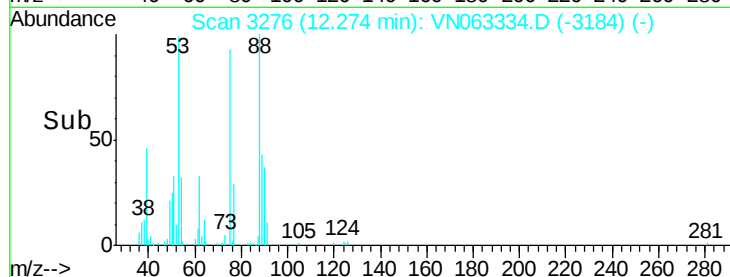
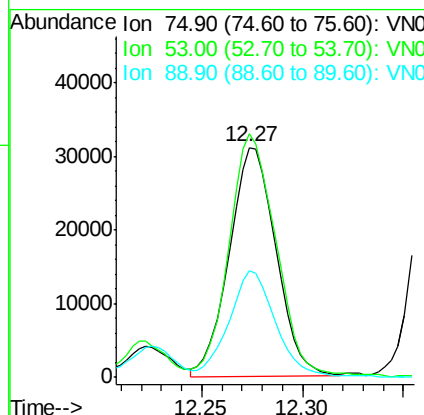
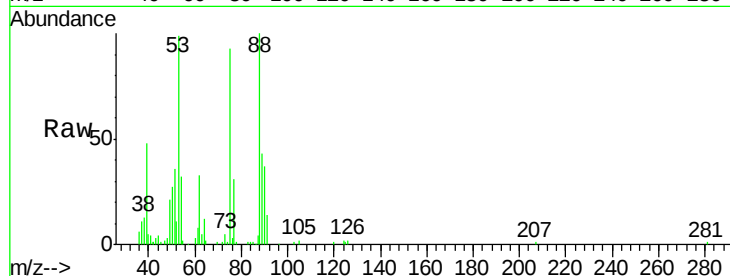
ClientSampleId :

VN0914WBS01

Tot Ion:	75	Resp:	50623
Ion Ratio	Lower	Upper	
75	100		
53	107.5	81.8	122.8
89	45.3	36.7	55.1

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#82

4-Chlorotoluene

Concen: 18.172 ug/l

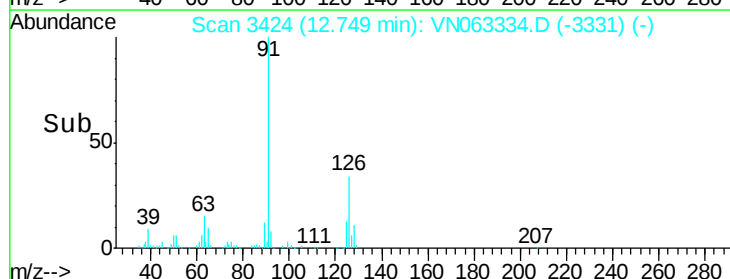
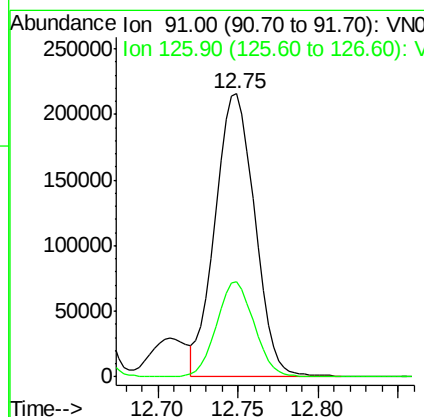
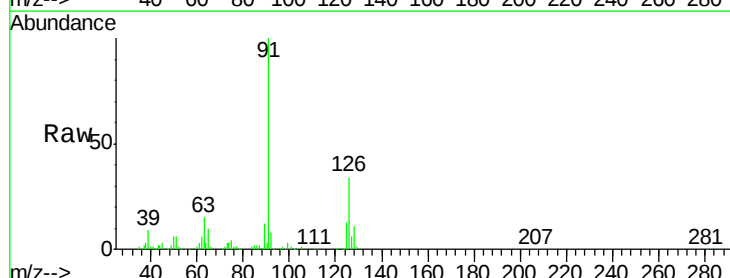
RT: 12.75 min Scan# 3424

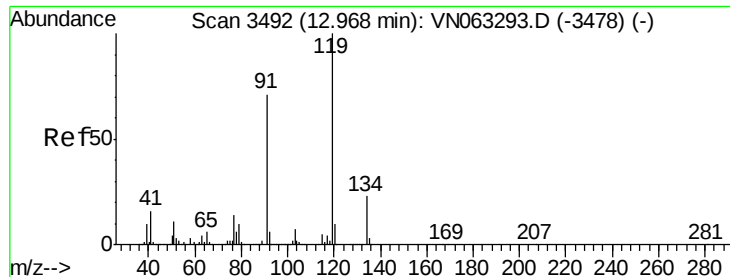
Delta R.T. 0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Tgt Ion:	91	Resp:	364093
Ion Ratio	Lower	Upper	
91	100		
126	31.9	15.9	47.7





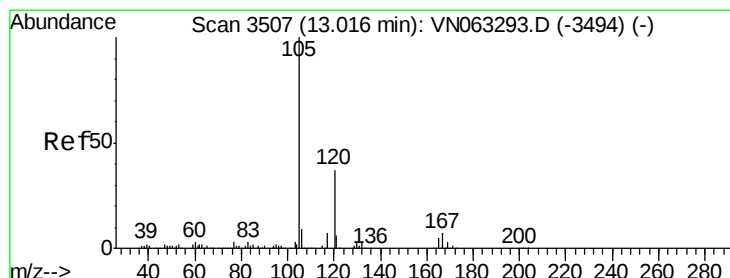
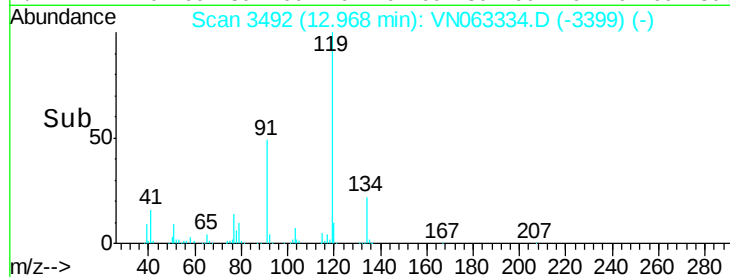
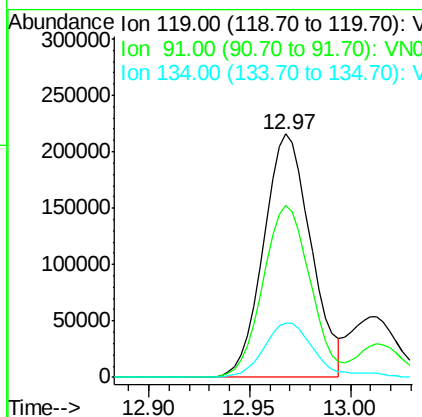
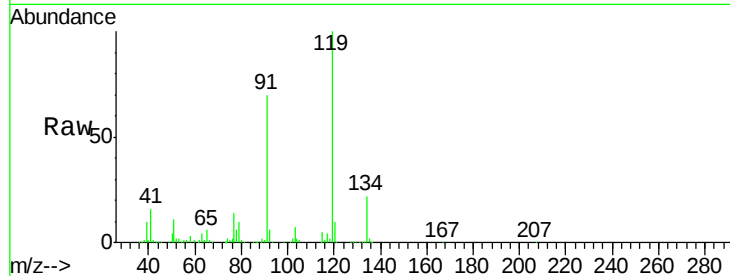
#83
 tert-Butylbenzene
 Concen: 18.254 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	351744		
91	70.6	34.8	104.3	
134	24.3	11.9	35.5	

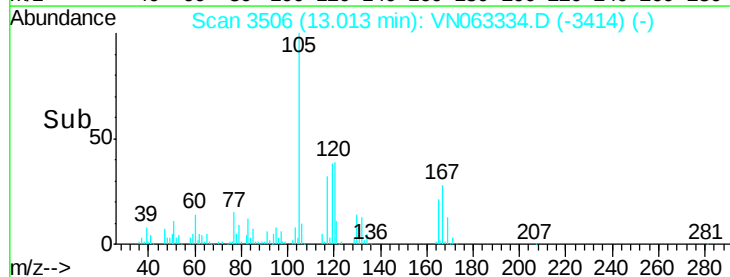
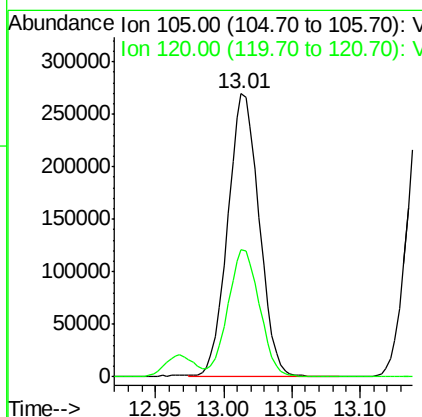
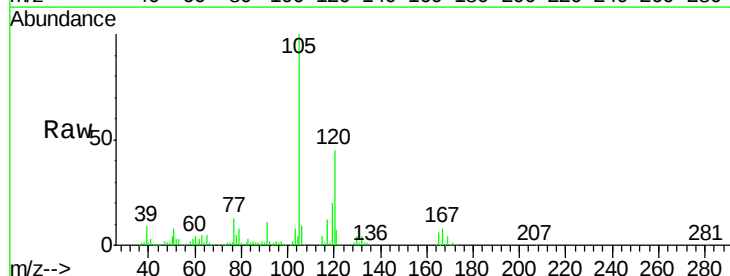
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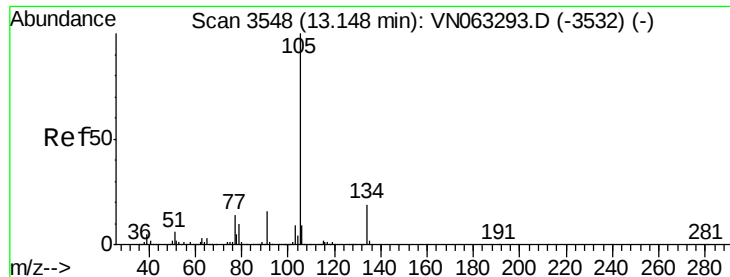
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.806 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	430701		
120	44.9	21.8	65.4	





#85

sec-Butylbenzene

Concen: 19.143 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

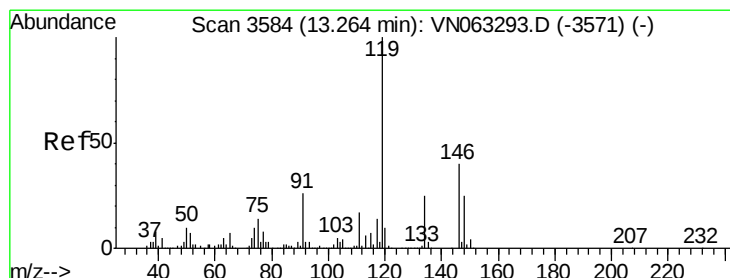
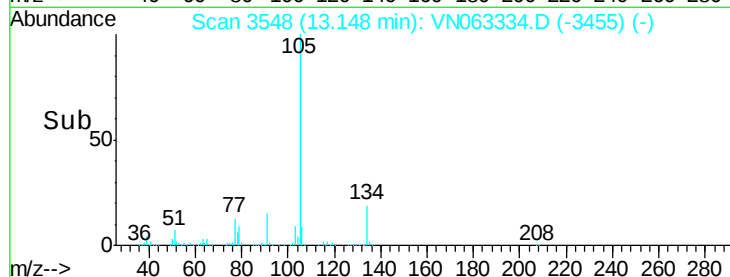
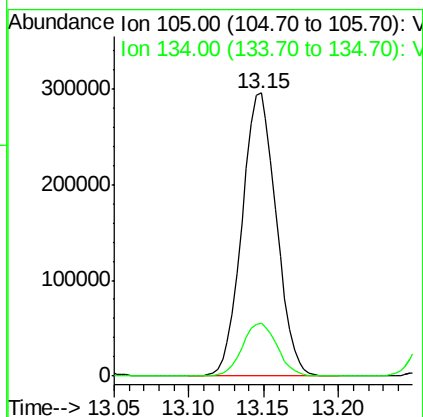
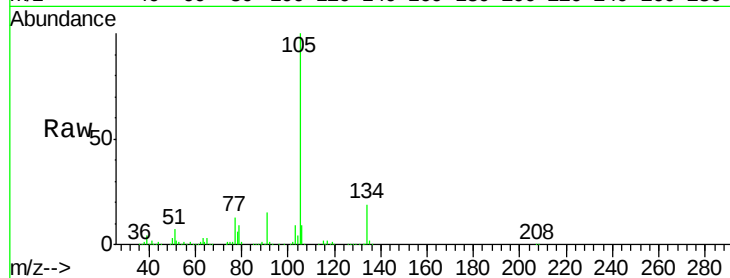
ClientSampleId :

VN0914WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.1	9.4	28.3

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 18.704 ug/l

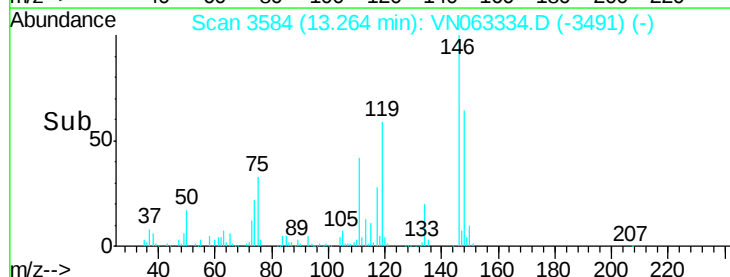
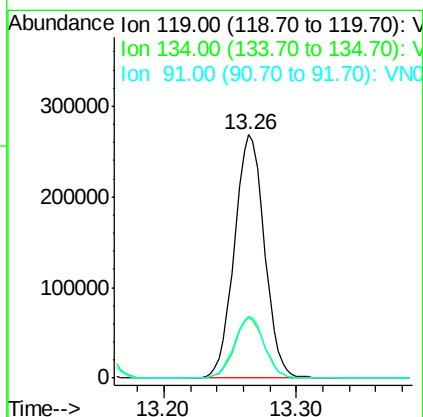
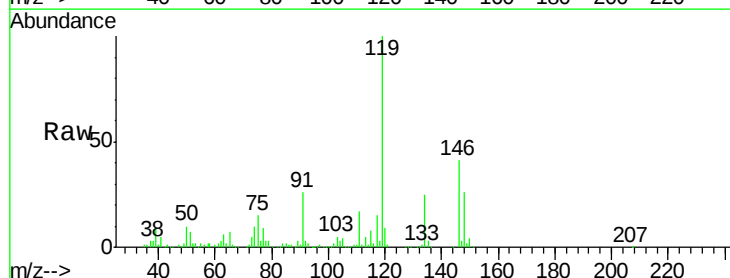
RT: 13.26 min Scan# 3584

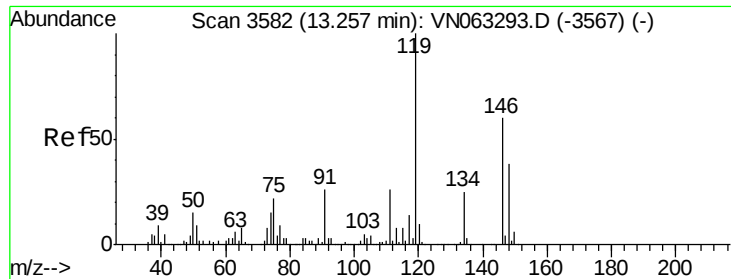
Delta R.T. 0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.5	12.6	37.8
91	25.4	12.8	38.3





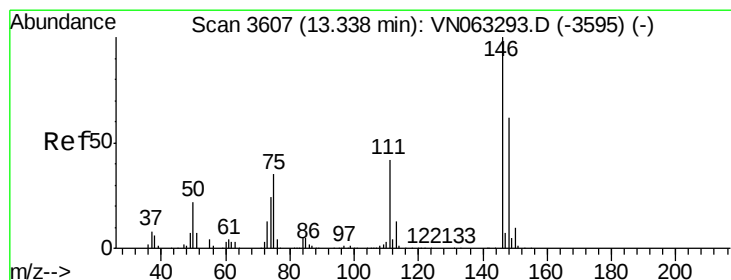
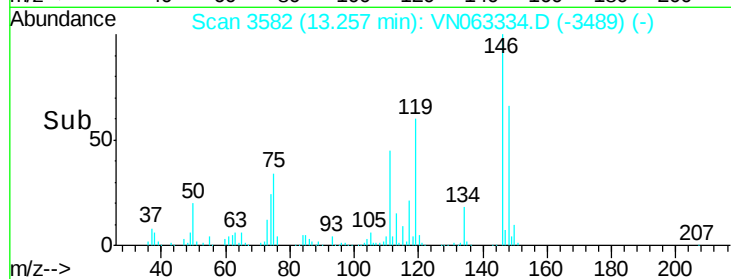
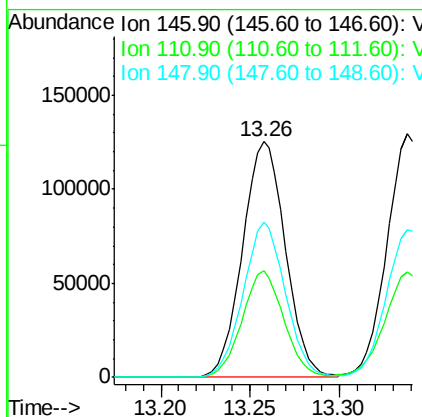
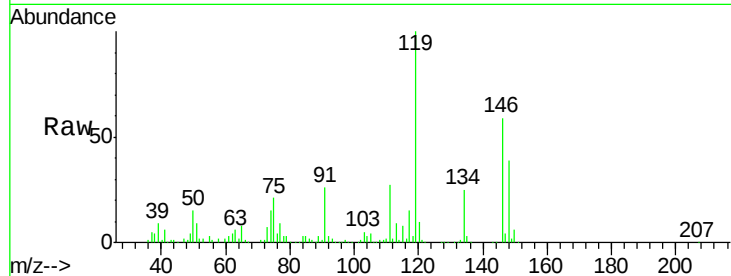
#87
 1,3-Dichlorobenzene
 Concen: 18.341 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.8	65.4
148	64.9	31.8	95.4

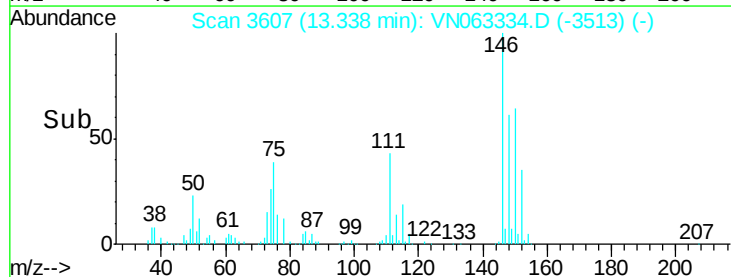
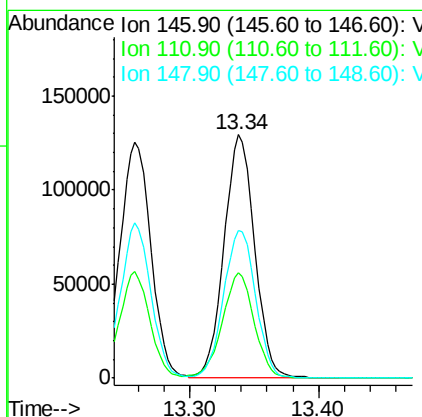
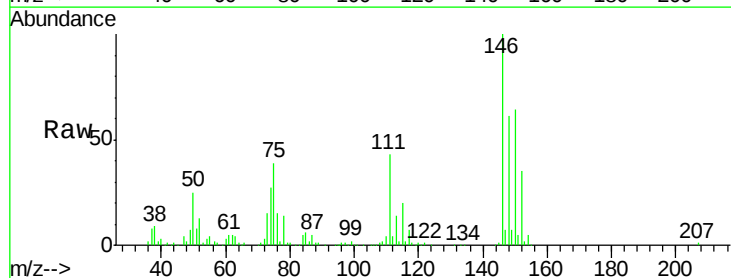
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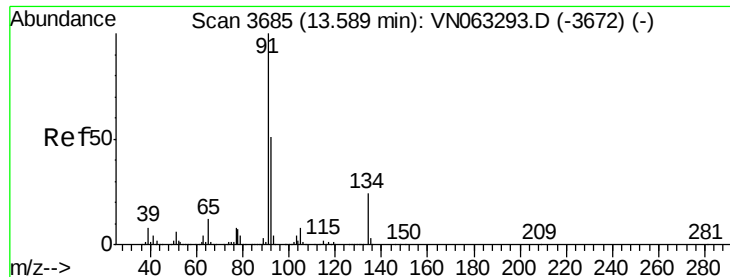
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#88
 1,4-Dichlorobenzene
 Concen: 18.619 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.7	21.3	64.0
148	64.0	31.5	94.5





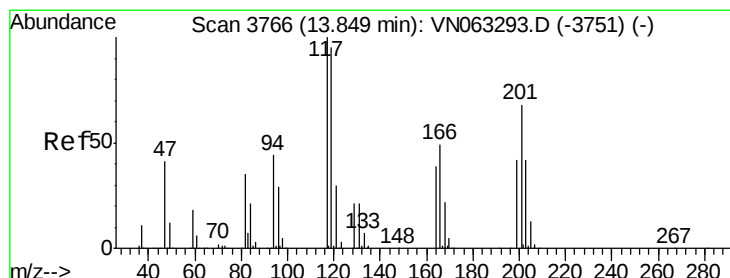
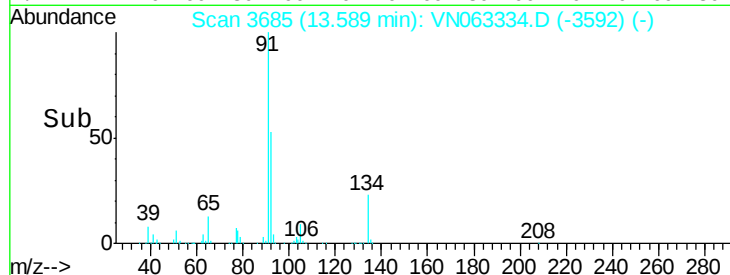
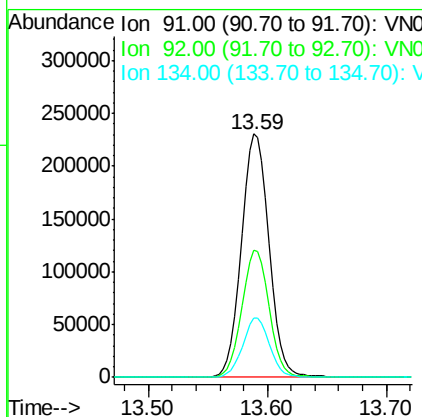
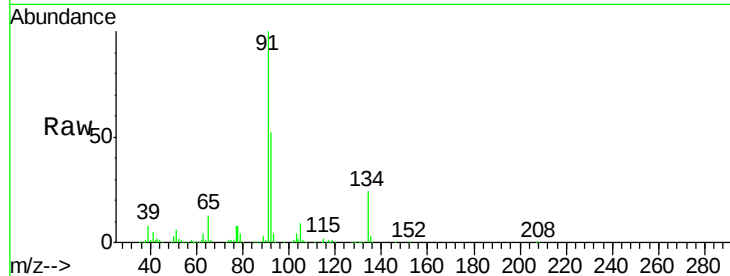
#89
n-Butylbenzene
Concen: 18.301 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	25.8	77.3
134	23.9	12.0	36.0

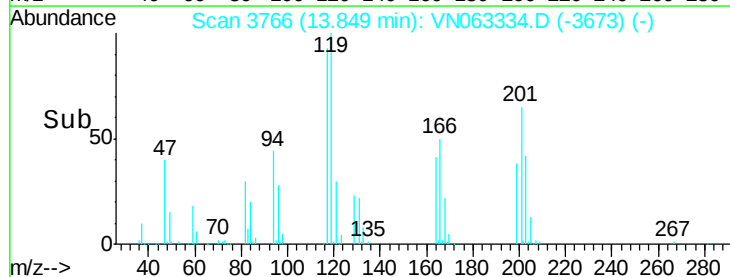
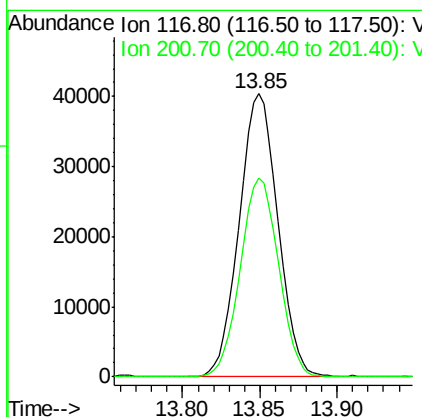
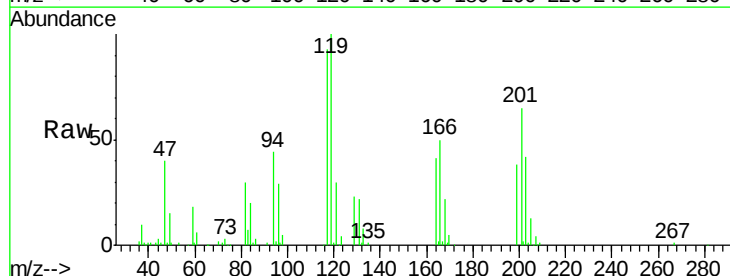
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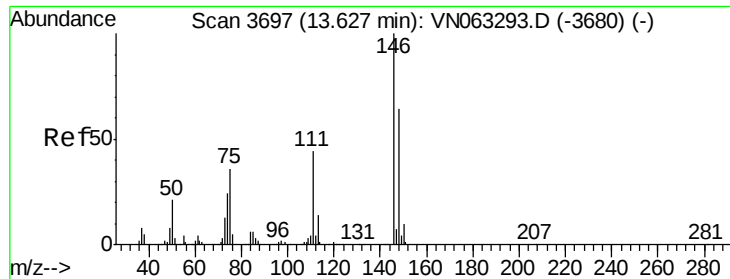
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#90
Hexachloroethane
Concen: 19.022 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063334.D
Acq: 14 Sep 2020 11:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.4	33.5	100.4





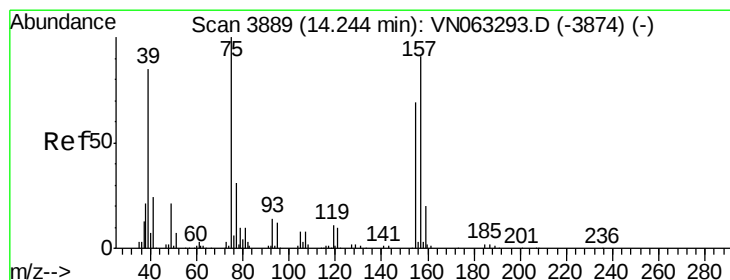
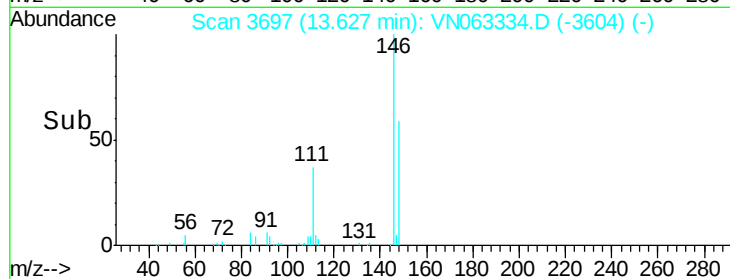
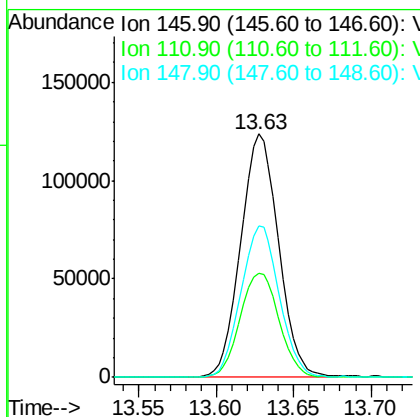
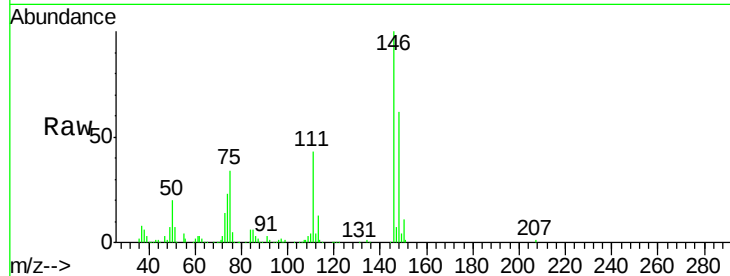
#91
 1,2-Dichlorobenzene
 Concen: 18.584 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	211209		
111	44.3	22.1	66.5	
148	62.8	31.8	95.3	

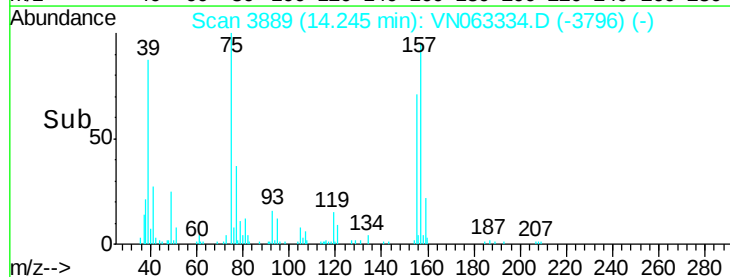
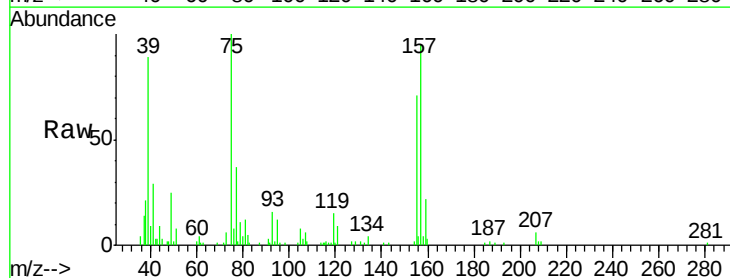
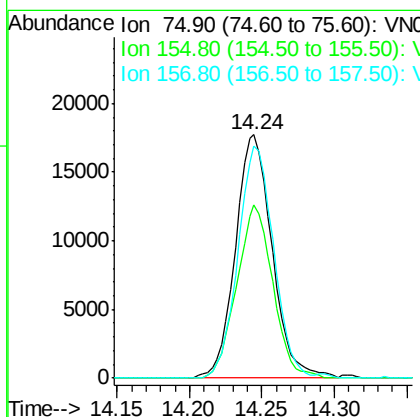
Manual Integrations
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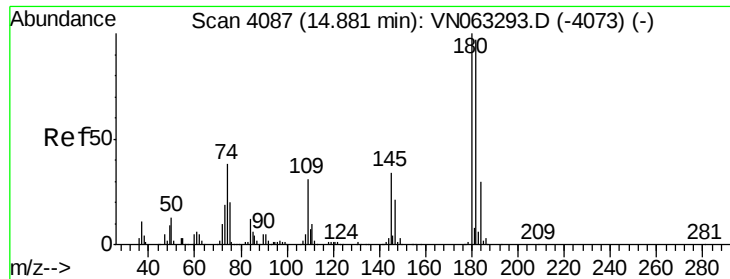
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.492 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	31171		
155	69.9	35.3	105.7	
157	92.7	46.7	140.0	





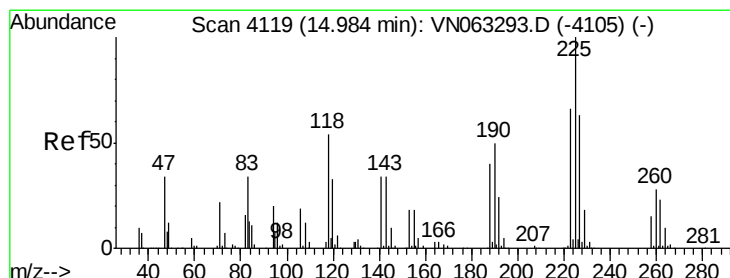
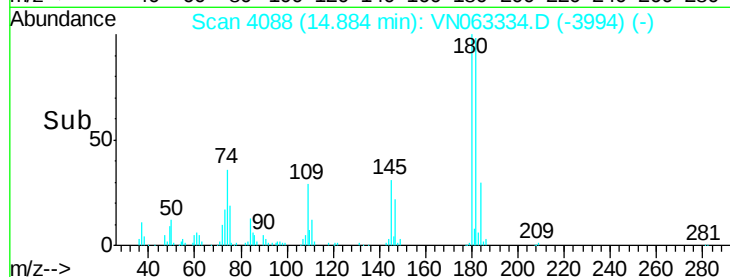
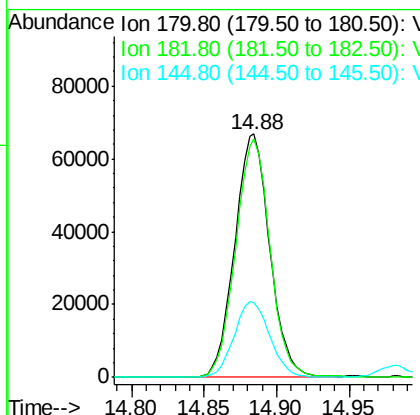
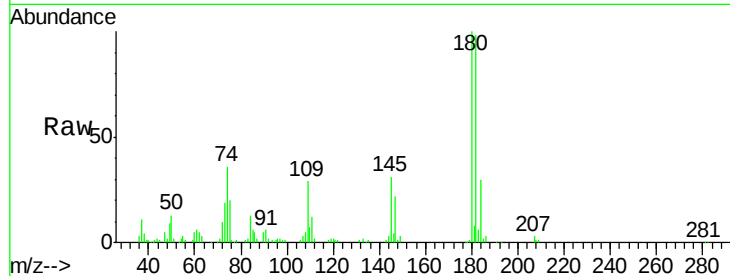
#93
 1,2,4-Trichlorobenzene
 Concen: 16.821 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	111900		
182	96.7	48.0	144.2	
145	32.0	16.6	49.8	

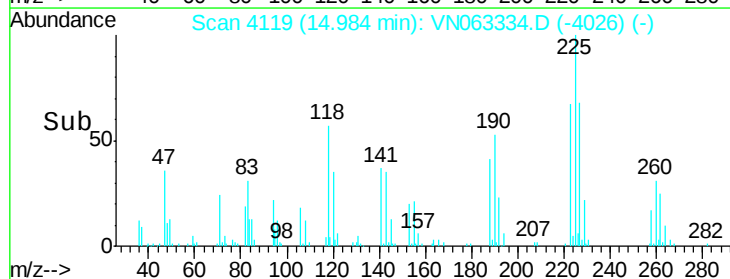
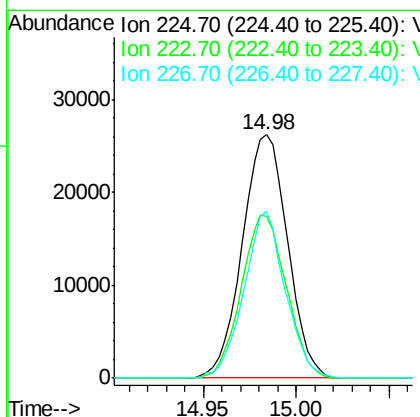
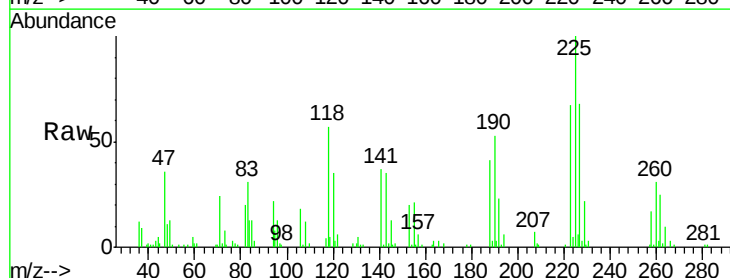
Manual Integrations
 APPROVED

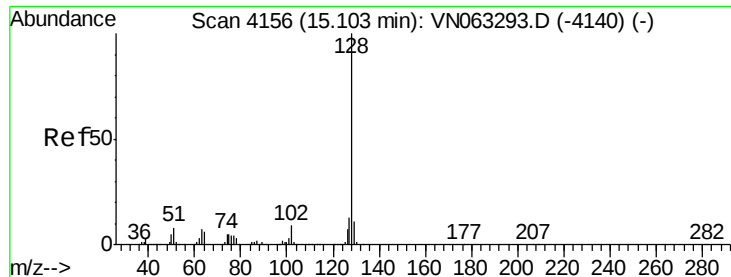
MMDadoda
 9/15/2020 1:58:54 PM



#94
 Hexachlorobutadiene
 Concen: 17.714 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063334.D
 Acq: 14 Sep 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	44442		
223	66.5	31.3	93.9	
227	62.4	31.2	93.6	





#95

Naphthalene

Concen: 16.587 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Instrument :

MSVOA_N

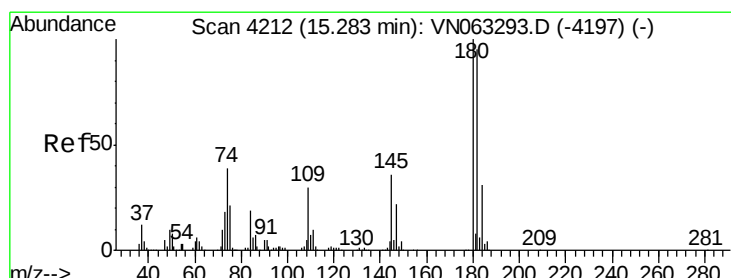
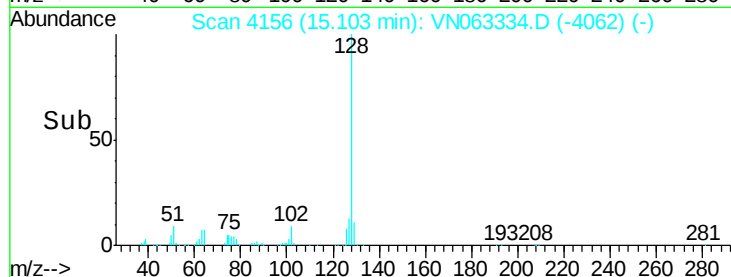
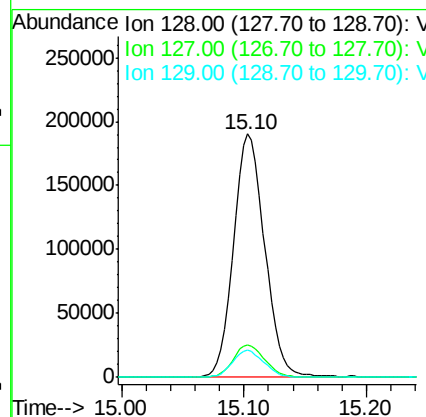
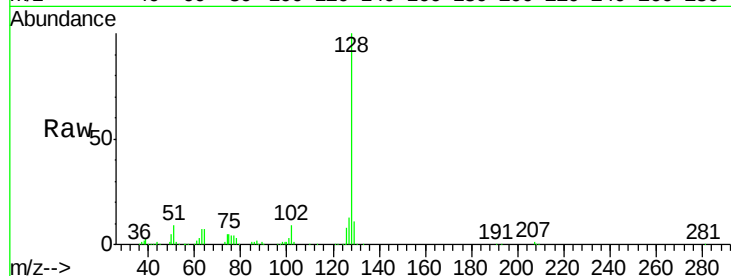
ClientSampleId :

VN0914WBS01

Tot Ion:	128	Resp:	338753
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.3	15.5
129	11.3	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
9/15/2020 1:58:54 PM



#96

1,2,3-Trichlorobenzene

Concen: 17.670 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN063334.D

Acq: 14 Sep 2020 11:38

Tgt Ion:	180	Resp:	108742
Ion Ratio	Lower	Upper	
180	100		
182	94.0	47.4	142.3
145	34.8	17.2	51.6

