

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091120\
 Data File : VN063327.D
 Acq On : 11 Sep 2020 20:18
 Operator : JC/MD
 Sample : L3988-22MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FC-MW03SR1-20200910MS

Manual Integrations
 APPROVED

MMDadoda
 9/14/2020 12:08:31 PM

Quant Time: Sep 22 04:56:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 21 18:39:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	417065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	747496	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	687281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	326424	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	342884	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
35) Dibromofluoromethane	7.55	113	256381	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	
50) Toluene-d8	10.06	98	995908	53.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.78%	
62) 4-Bromofluorobenzene	12.38	95	363073	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	178542	44.574	ug/l	99
3) Chloromethane	2.04	50	281627	53.890	ug/l	97
4) Vinyl Chloride	2.16	62	292568	51.627	ug/l	96
5) Bromomethane	2.53	94	179796	45.475	ug/l	96
6) Chloroethane	2.67	64	184324	49.723	ug/l	98
7) Trichlorofluoromethane	2.98	101	429145	48.970	ug/l	100
8) Diethyl Ether	3.38	74	149499	47.843	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	213790	46.695	ug/l	99
10) Methyl Iodide	3.91	142	306806	51.694	ug/l	100
11) Tert butyl alcohol	4.73	59	195083	225.178	ug/l	98
12) 1,1-Dichloroethene	3.70	96	220408	48.226	ug/l	97
13) Acrolein	3.57	56	197996	393.708	ug/l	100
14) Allyl chloride	4.28	41	394335	42.030	ug/l	92
15) Acrylonitrile	4.93	53	618399	261.068	ug/l	100
16) Acetone	3.77	43	513585	226.983	ug/l	99
17) Carbon Disulfide	4.01	76	641293	49.569	ug/l	100
18) Methyl Acetate	4.28	43	265724	46.717	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	801616	49.085	ug/l	97
20) Methylene Chloride	4.50	84	270636	52.603	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	248279	48.543	ug/l	98
22) Diisopropyl ether	5.90	45	921982	49.935	ug/l	96
23) Vinyl Acetate	5.84	43	3602123	247.855	ug/l	100
24) 1,1-Dichloroethane	5.80	63	488960	48.902	ug/l	99
25) 2-Butanone	6.78	43	832528	249.084	ug/l	99
26) 2,2-Dichloropropane	6.78	77	356509	40.680	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	288620	48.420	ug/l	96
28) Bromochloromethane	7.15	49	241890	49.890	ug/l	100
29) Tetrahydrofuran	7.16	42	554733	254.893	ug/l	99
30) Chloroform	7.33	83	500745	50.018	ug/l	99
31) Cyclohexane	7.61	56	443437	48.250	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	427596	48.996	ug/l	100
36) 1,1-Dichloropropene	7.75	75	367523	47.833	ug/l	99
37) Ethyl Acetate	6.88	43	349444	46.229	ug/l	99
38) Carbon Tetrachloride	7.74	117	372501	49.260	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	466878	55.699	ug/l	99
40) Benzene	8.00	78	1093231	49.816	ug/l	100
41) Methacrylonitrile	7.13	41	146301	42.789	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	414310	49.760	ug/l	97
43) Isopropyl Acetate	8.13	43	644338	50.335	ug/l	98
44) Trichloroethene	8.80	130	281576	49.063	ug/l	99
45) 1,2-Dichloropropane	9.08	63	299791	49.804	ug/l	100
46) Dibromomethane	9.18	93	193298	49.521	ug/l	100
47) Bromodichloromethane	9.37	83	400282	49.208	ug/l	99
48) Methyl methacrylate	9.17	41	303010	49.608	ug/l	99
49) 1,4-Dioxane	9.17	88	84240	890.760	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	1863144	264.099	ug/l	100
52) Toluene	10.13	92	672767	50.212	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	431326	48.625	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	461304	48.300	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	296915	56.552	ug/l	99
56) Ethyl methacrylate	10.40	69	431209	54.009	ug/l	96
57) 1,3-Dichloropropane	10.68	76	457614	49.879	ug/l	99
59) 2-Hexanone	10.72	43	1358950	261.191	ug/l	99
60) Dibromochloromethane	10.87	129	294622	51.102	ug/l	99
61) 1,2-Dibromoethane	10.98	107	273502	49.969	ug/l	100
64) Tetrachloroethene	10.60	164	285634	50.733	ug/l	98
65) Chlorobenzene	11.41	112	714280	48.275	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	261032	48.422	ug/l	99
67) Ethyl Benzene	11.49	91	2705101	101.839	ug/l	96
68) m/p-Xylenes	11.59	106	987132	100.466	ug/l	98
69) o-Xylene	11.92	106	476978	50.584	ug/l	99
70) Stvrene	11.94	104	791640	50.514	ug/l	99
71) Bromoform	12.10	173	186372	49.984	ug/l #	99
73) Isopropylbenzene	12.23	105	1778983	67.567	ug/l	100
74) N-amyl acetate	12.05	43	545510	50.465	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	357302	47.384	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	323920m	44.980	ug/l	
77) Bromobenzene	12.50	156	290499	48.000	ug/l	98
78) n-propylbenzene	12.57	91	2130216	71.219	ug/l	100
79) 2-Chlorotoluene	12.65	91	879562	47.825	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1203955	55.069	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	120372	44.910	ug/l	99
82) 4-Chlorotoluene	12.75	91	923084	47.881	ug/l	100
83) tert-Butylbenzene	12.97	119	887608	47.872	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	2051777	93.109	ug/l	99
85) sec-Butylbenzene	13.15	105	1290435	54.704	ug/l	98
86) p-Isopropyltoluene	13.26	119	1053654	48.721	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	533731	48.239	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	531930	50.281	ug/l	99
89) n-Butylbenzene	13.59	91	1006606	51.562	ug/l	98
90) Hexachloroethane	13.85	117	210999	59.315	ug/l	88
91) 1,2-Dichlorobenzene	13.63	146	543799	49.728	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	82019	47.832	ug/l	98
93) 1,2,4-Trichlorobenzene	14.88	180	288396	45.056	ug/l	95

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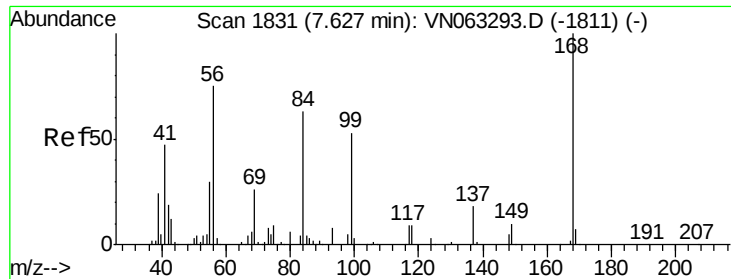
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	106732	46.161	ug/l	97
95) Naphthalene	15.10	128	1886610	98.568	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	278332	48.428	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

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Tot Ion:168 Resp: 417065

Ion Ratio Lower Upper

168 100

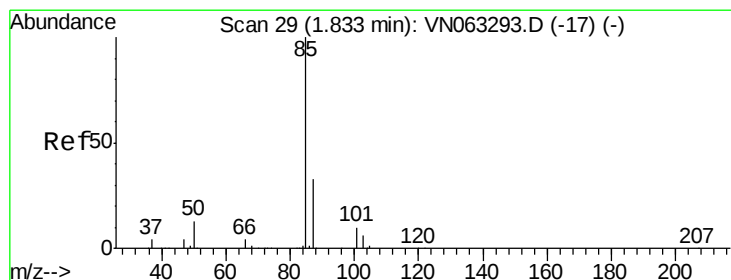
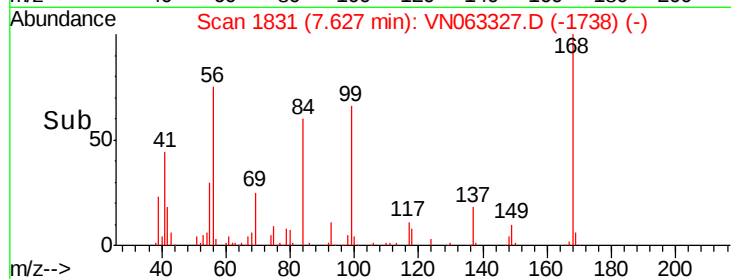
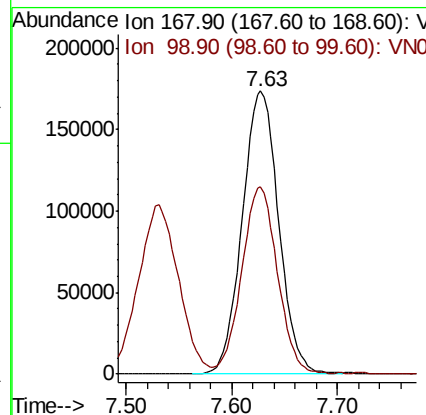
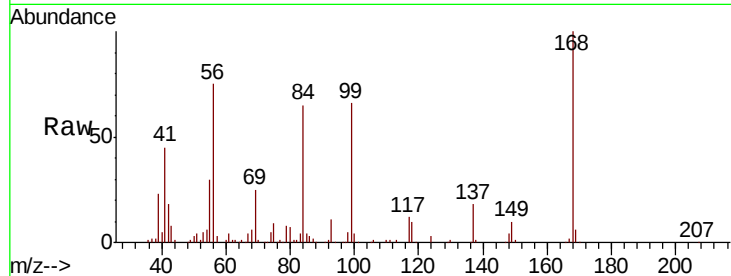
99 65.9 51.1 76.7

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 44.574 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN063327.D

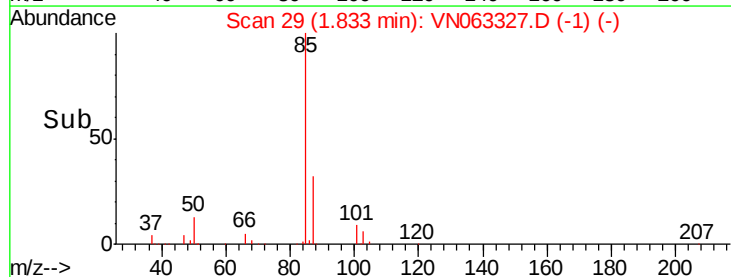
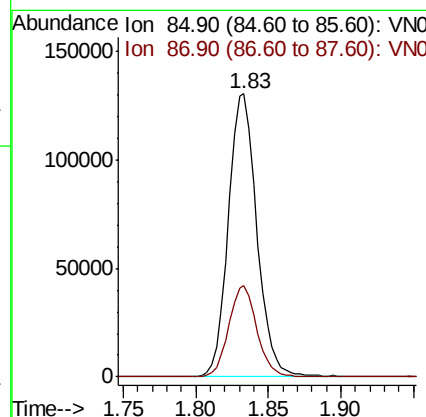
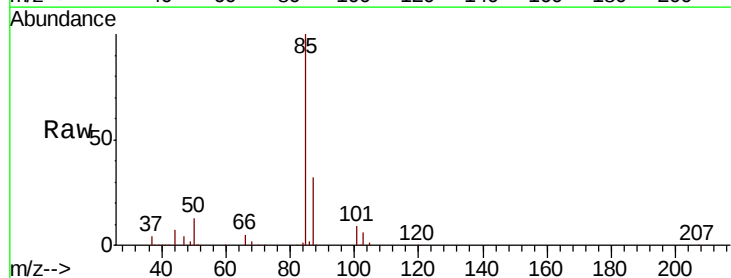
Acq: 11 Sep 2020 20:18

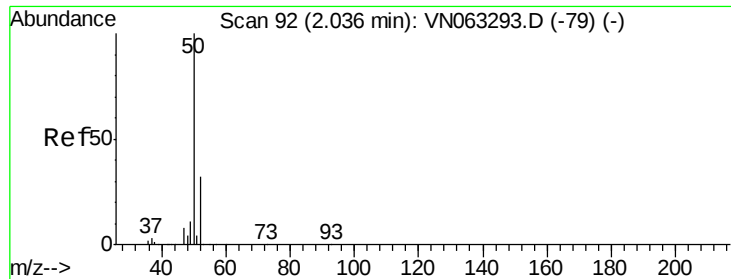
Tgt Ion: 85 Resp: 178542

Ion Ratio Lower Upper

85 100

87 32.2 16.3 48.9





#3

Chloromethane

Concen: 53.890 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

FC-MW03SR1-20200910MS

Tot Ion: 50 Resp: 281627

Ion Ratio Lower Upper

50 100

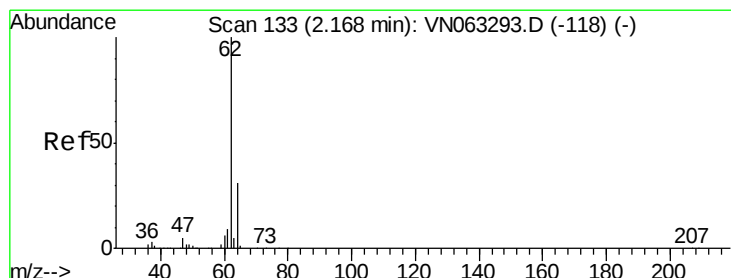
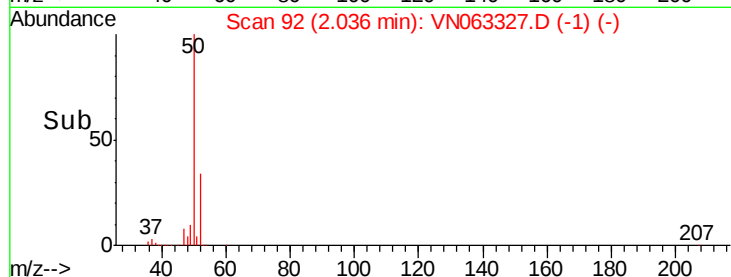
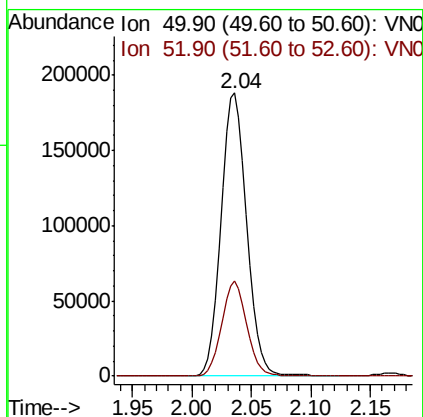
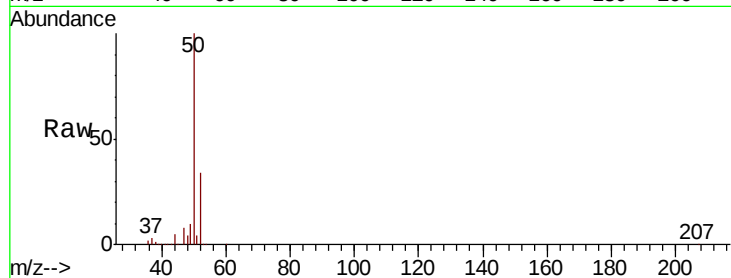
52 33.7 25.4 38.2

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#4

Vinyl Chloride

Concen: 51.627 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063327.D

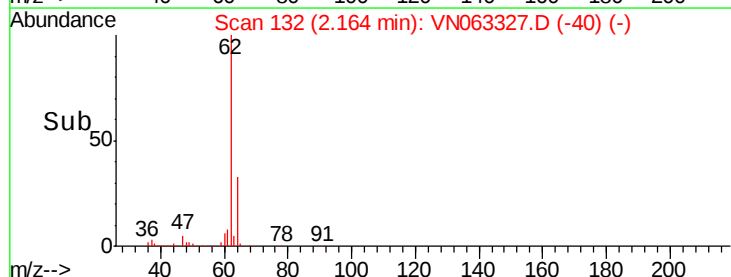
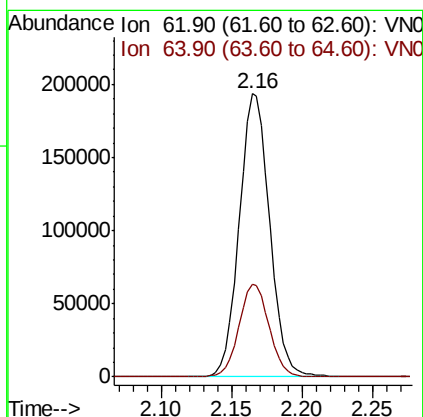
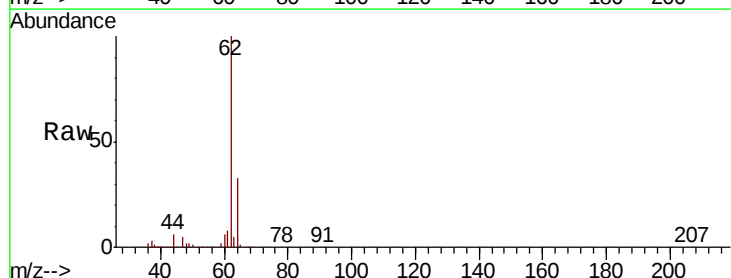
Acq: 11 Sep 2020 20:18

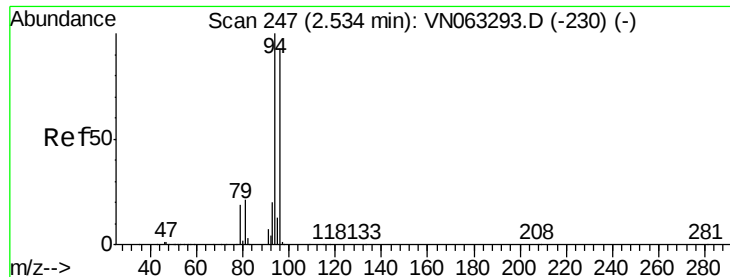
Tgt Ion: 62 Resp: 292568

Ion Ratio Lower Upper

62 100

64 32.8 24.6 37.0





#5

Bromomethane

Concen: 45.475 ug/l

RT: 2.53 min Scan# 247

Delta R.T. -0.00 min

Lab File: VN063327.D

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Tot Ion: 94 Resp: 179796

Ion Ratio Lower Upper

94 100

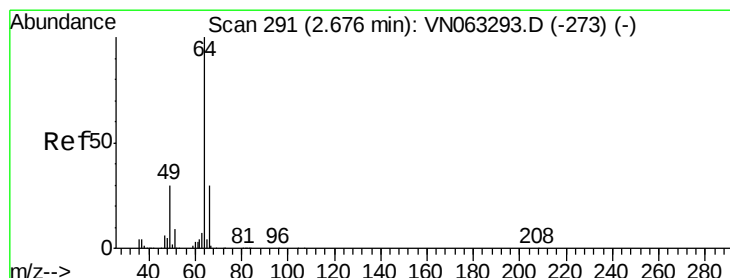
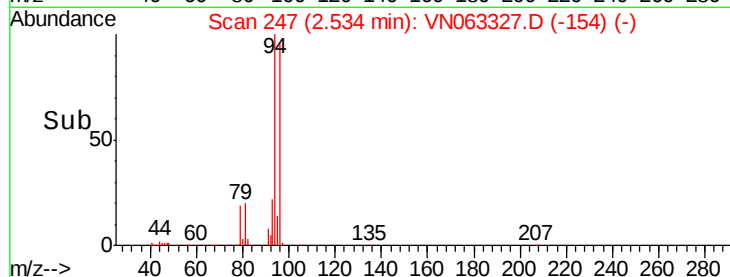
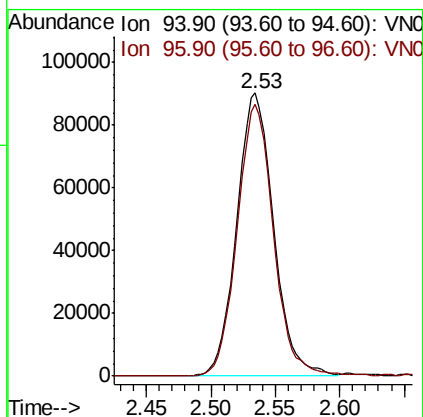
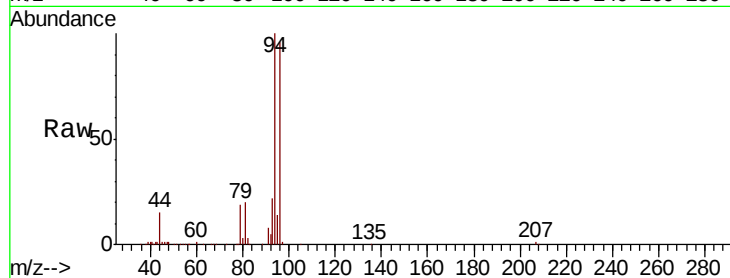
96 96.3 74.3 111.5

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#6

Chloroethane

Concen: 49.723 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN063327.D

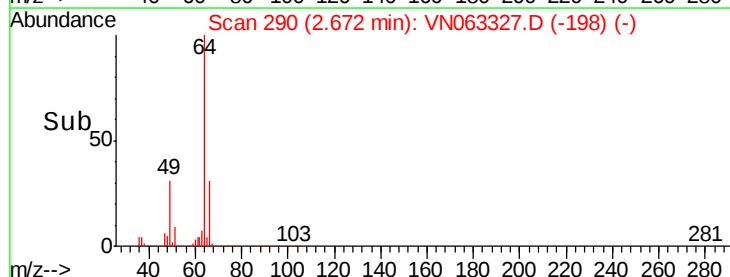
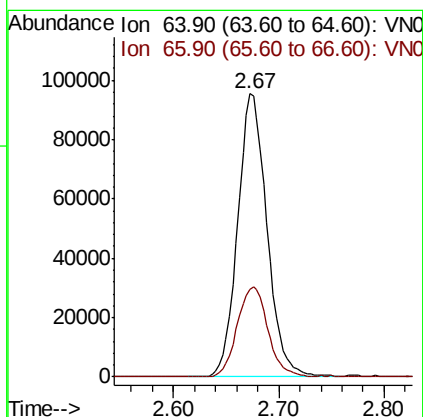
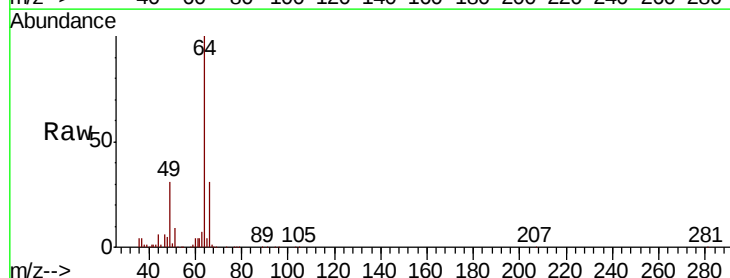
Acq: 11 Sep 2020 20:18

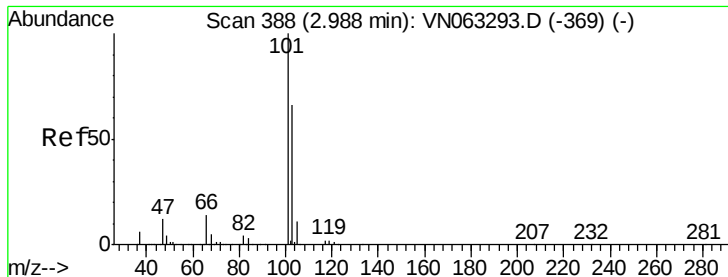
Tgt Ion: 64 Resp: 184324

Ion Ratio Lower Upper

64 100

66 30.8 23.8 35.6





#7

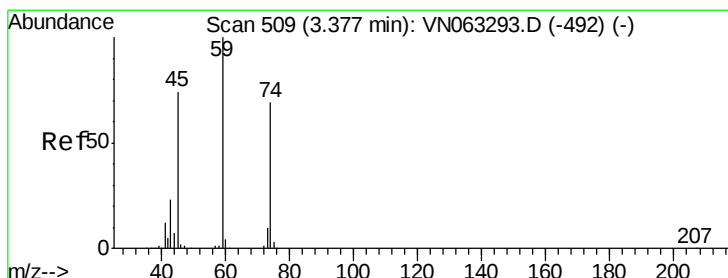
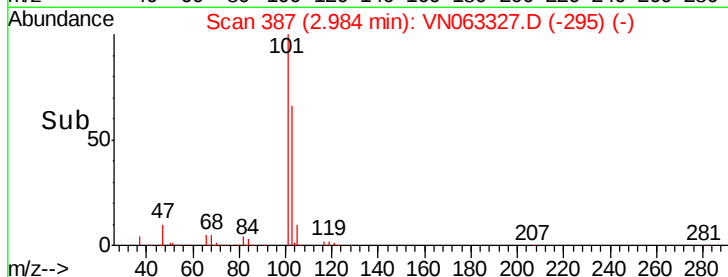
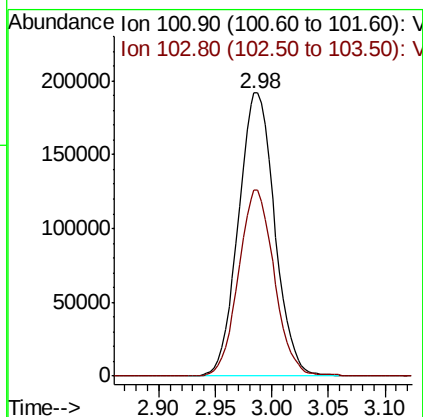
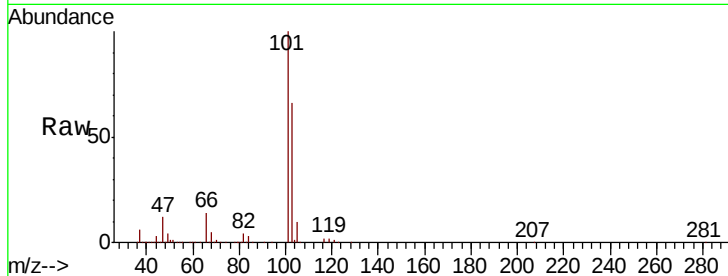
Trichlorofluoromethane
Concen: 48.970 ug/l
RT: 2.98 min Scan# 387
Delta R.T. -0.00 min
Lab File: VN063327.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	52.4	78.6

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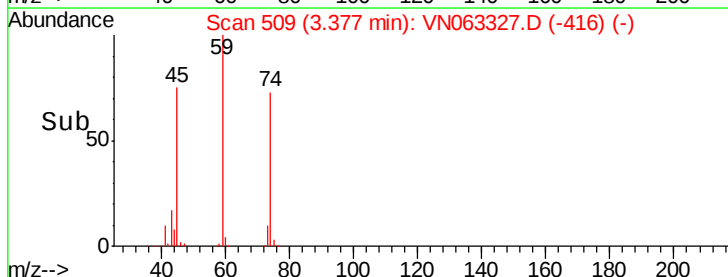
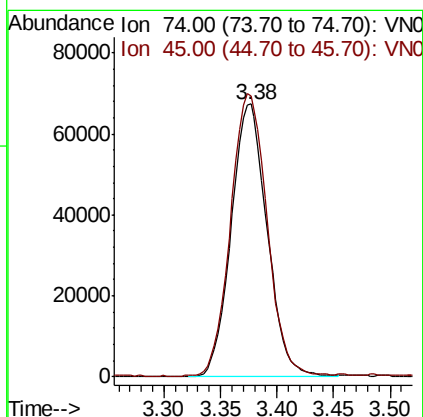
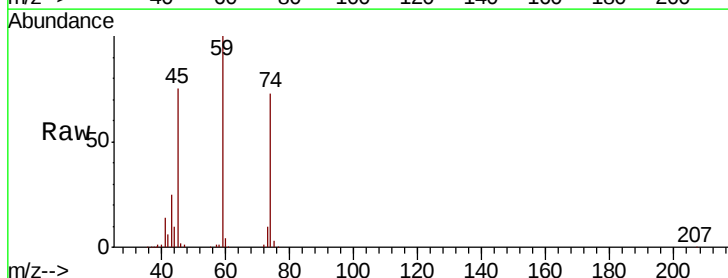
MMDadoda
9/14/2020 12:08:31 PM

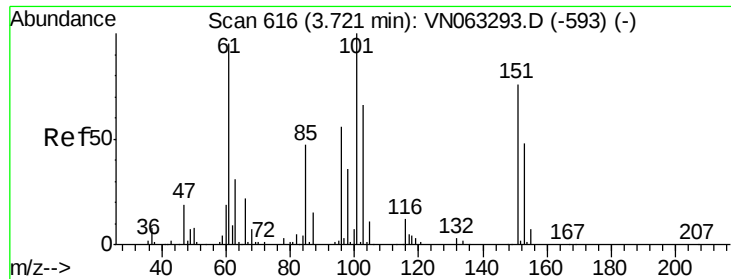


#8

Diethyl Ether
Concen: 47.843 ug/l
RT: 3.38 min Scan# 509
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.2	52.7	158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.695 ug/l

RT: 3.72 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

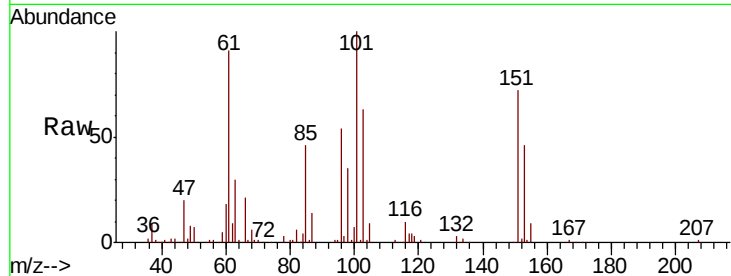
ClientSampleId :

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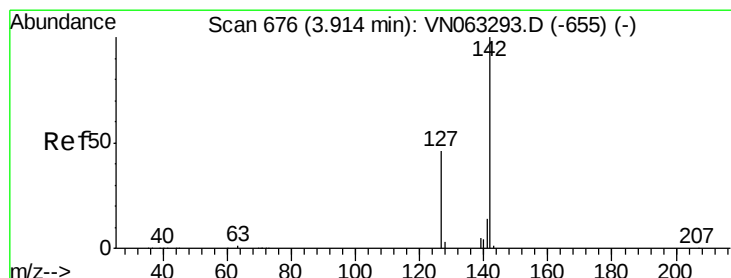
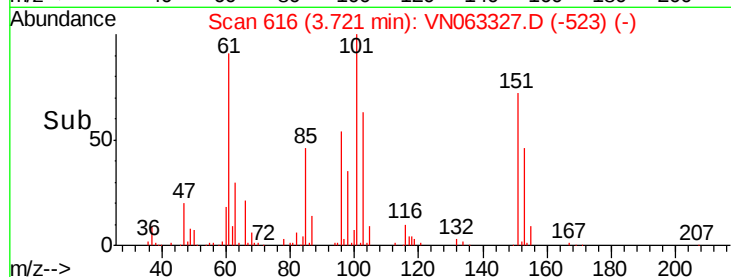
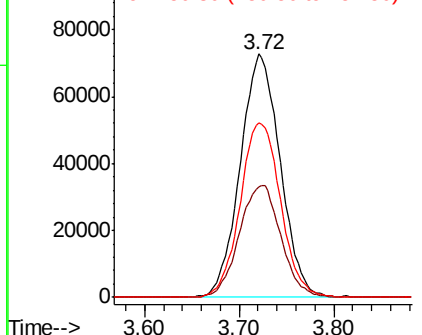
Tot Ion:	101	Resp:	213790
Ion Ratio	Lower	Upper	
101	100		
85	48.0	36.9	55.3
151	72.6	57.8	86.8

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Abundance Ion 100.90 (100.60 to 101.60): V
100000 Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.694 ug/l

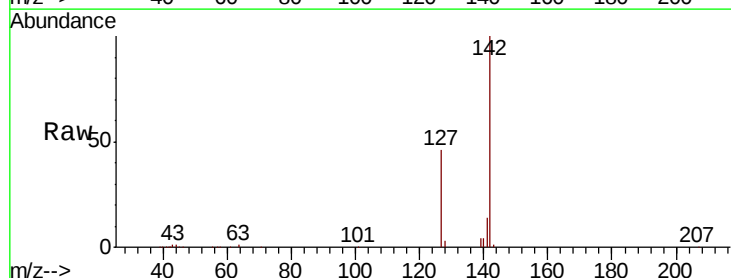
RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

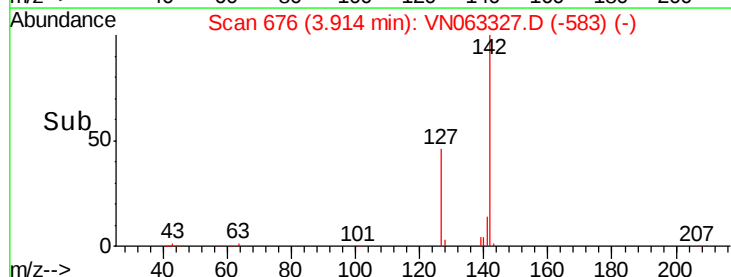
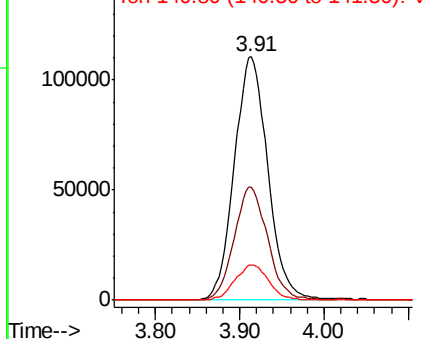
Lab File: VN063327.D

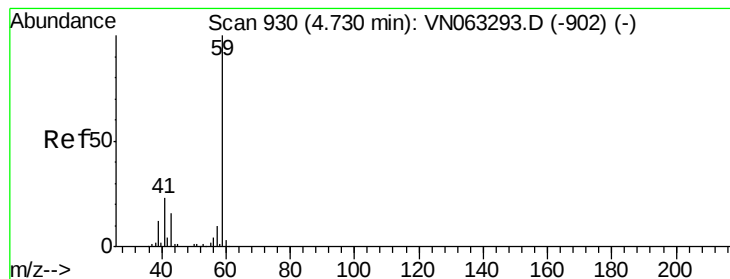
Acq: 11 Sep 2020 20:18

Tgt Ion:	142	Resp:	306806
Ion Ratio	Lower	Upper	
142	100		
127	46.2	37.1	55.7
141	14.5	11.6	17.4



Abundance Ion 141.80 (141.50 to 142.50): V
150000 Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

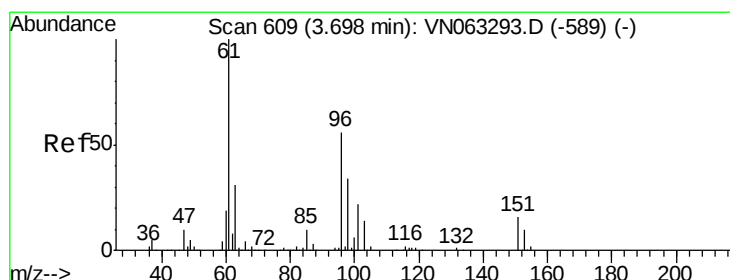
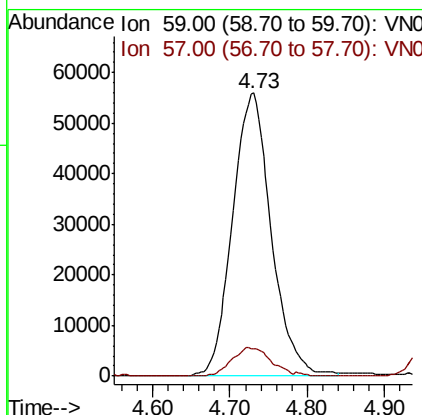
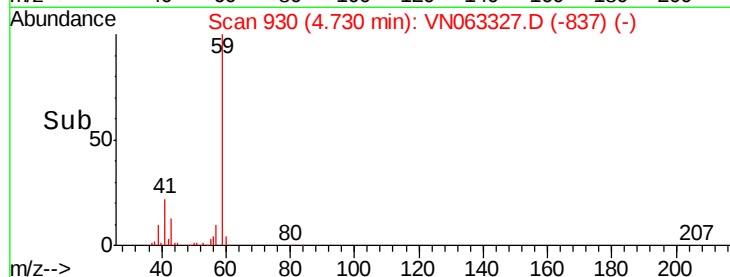
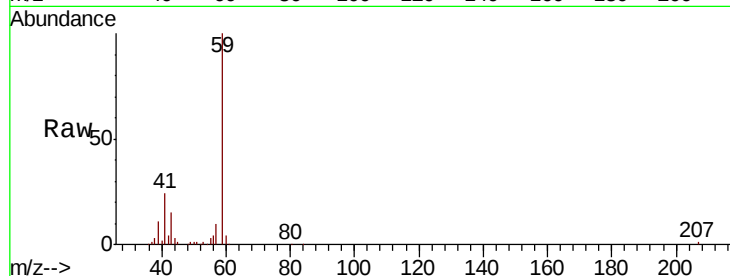
Tert butyl alcohol
Concen: 225.178 ug/l
RT: 4.73 min Scan# 930
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Instrument :
MSVOA_N
ClientSampleId :
FC-MW03SR1-20200910MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.3	12.5

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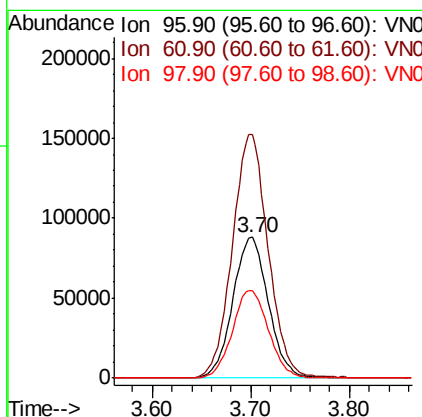
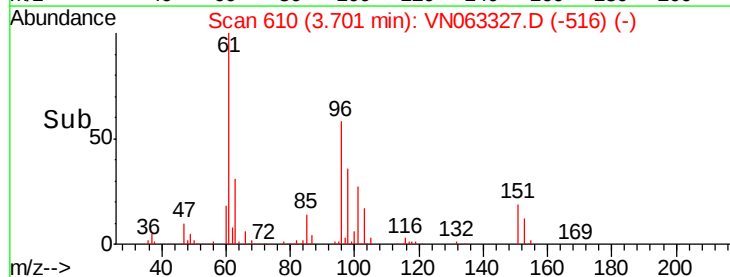
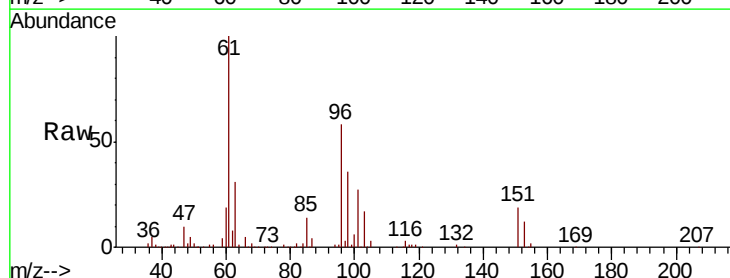
MMDadoda
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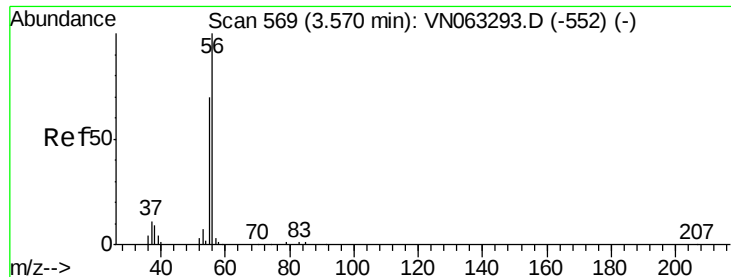


#12

1,1-Dichloroethene
Concen: 48.226 ug/l
RT: 3.70 min Scan# 610
Delta R.T. 0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.0	142.1	213.1
98	61.8	48.8	73.2





#13

Acrolein

Concen: 393.708 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

FC-MW03SR1-20200910MS

Tot Ion: 56 Resp: 197996

Ion Ratio Lower Upper

56 100

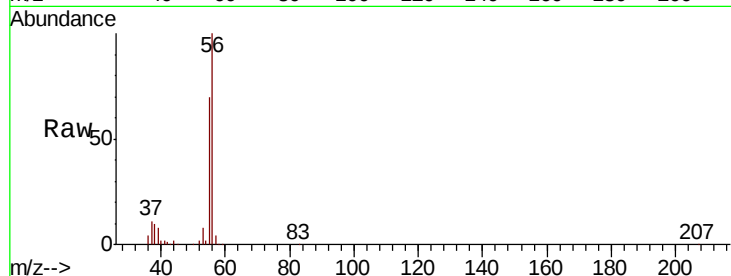
55 71.4 57.2 85.8

Manual Integrations

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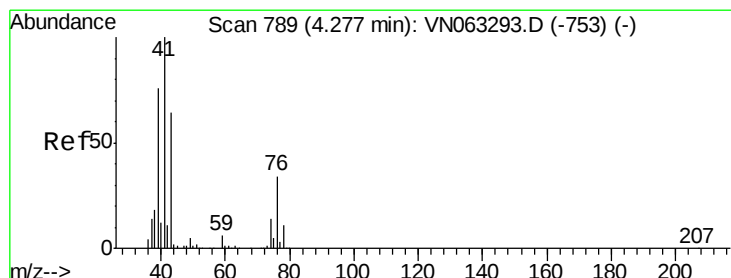
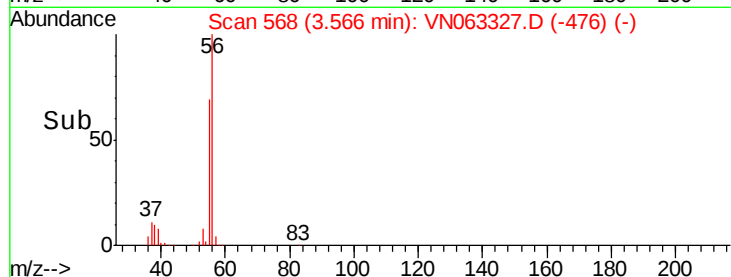
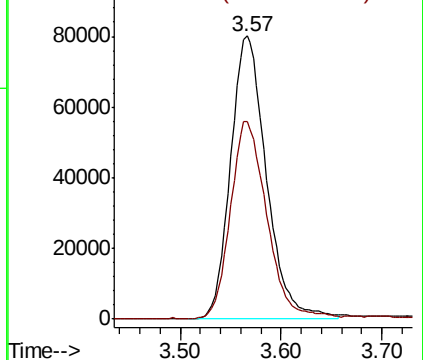
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 42.030 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

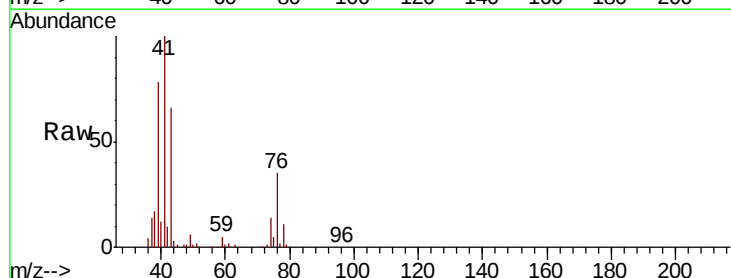
Tgt Ion: 41 Resp: 394335

Ion Ratio Lower Upper

41 100

39 80.2 57.4 86.2

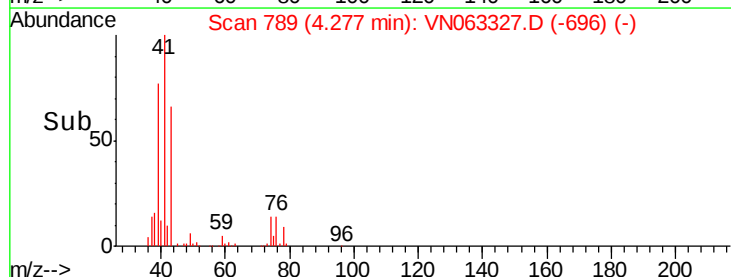
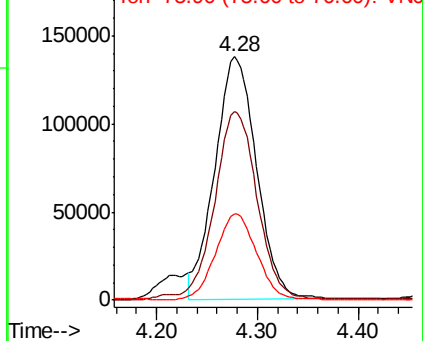
76 34.3 25.7 38.5

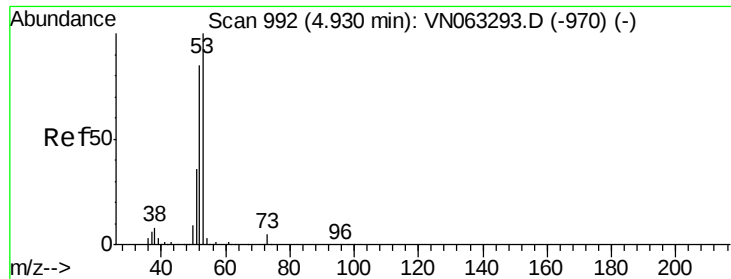


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 261.068 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

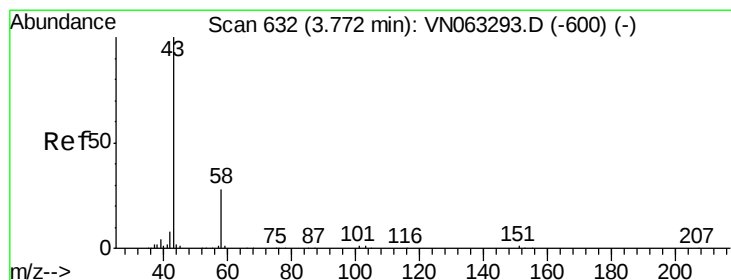
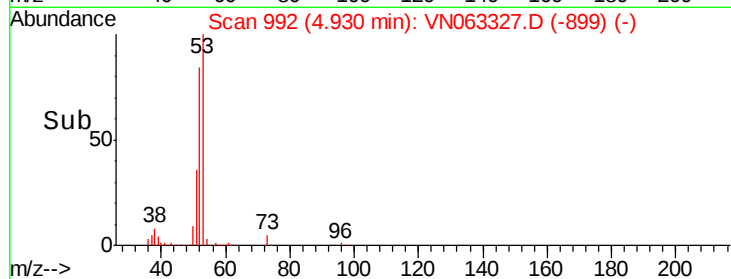
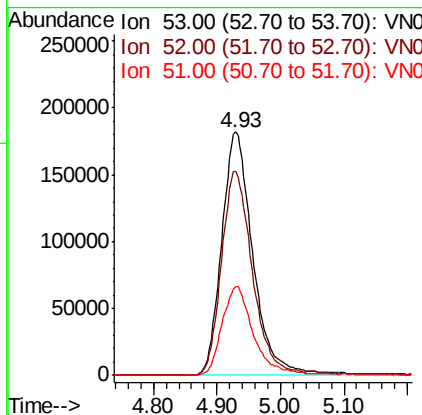
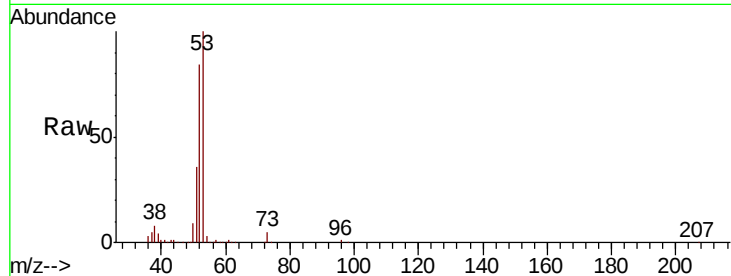
ClientSampleId :

FC-MW03SR1-20200910MS

Tot Ion:	53	Resp:	618399
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.5	99.7
51	36.9	29.8	44.6

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#16

Acetone

Concen: 226.983 ug/l

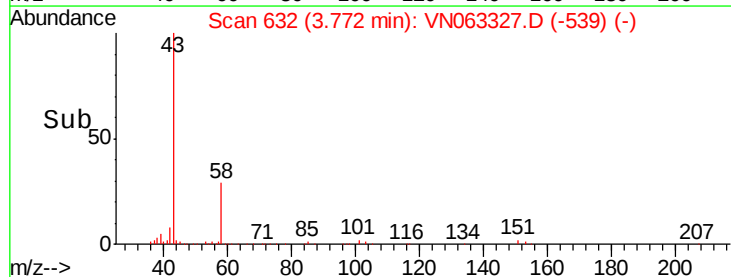
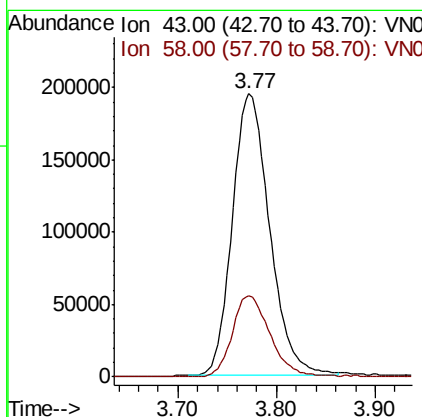
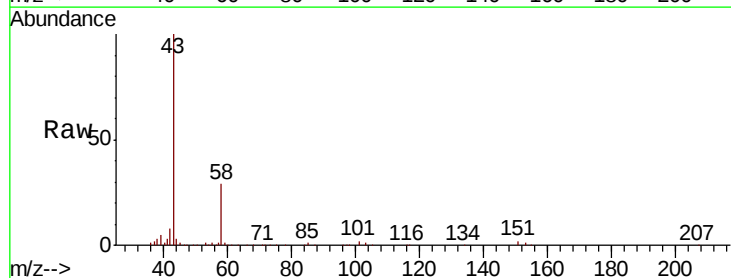
RT: 3.77 min Scan# 632

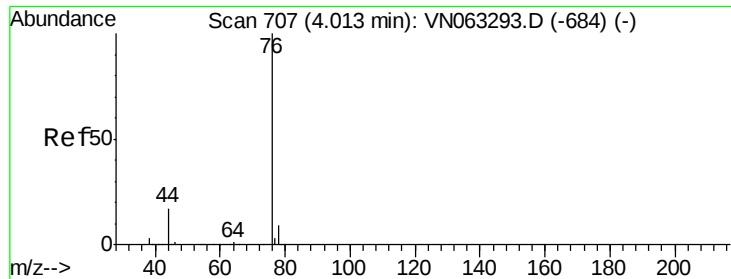
Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Tgt Ion:	43	Resp:	513585
Ion	Ratio	Lower	Upper
43	100		
58	28.8	22.6	34.0





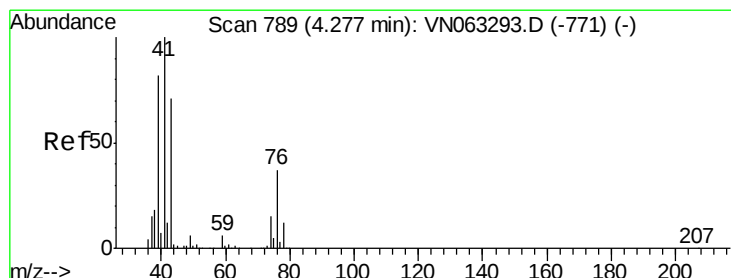
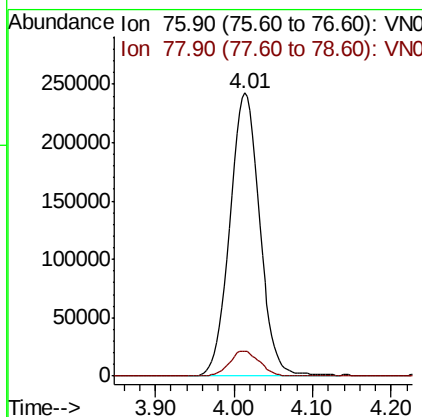
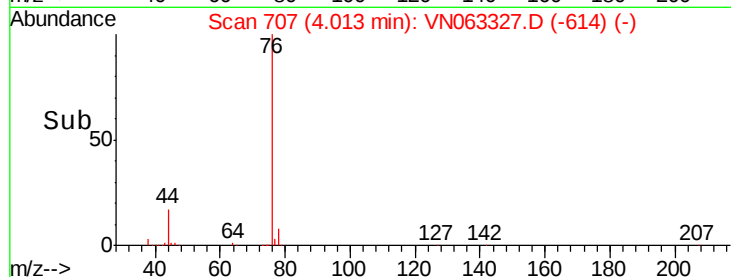
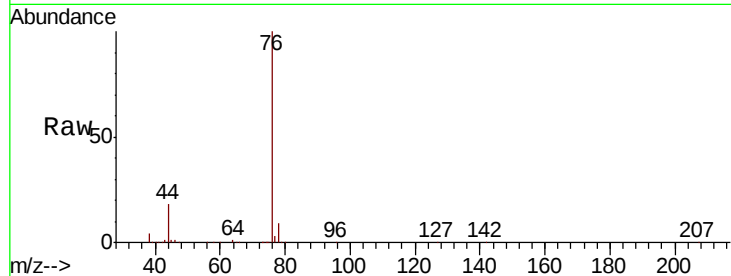
#17
Carbon Disulfide
Concen: 49.569 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Instrument :
MSVOA_N
ClientSampleId :
FC-MW03SR1-20200910MS

Tot Ion: 76 Resp: 641293
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

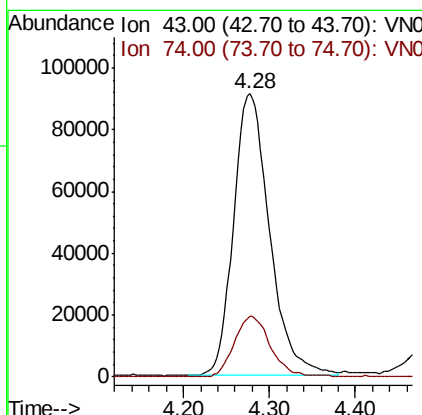
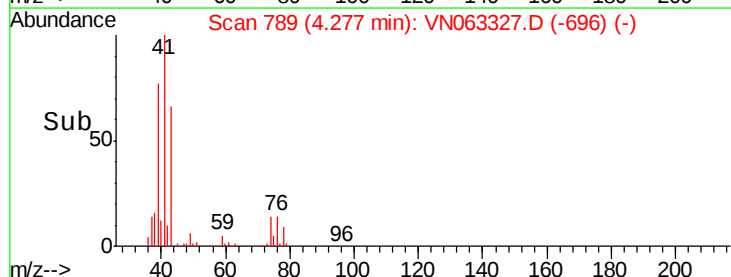
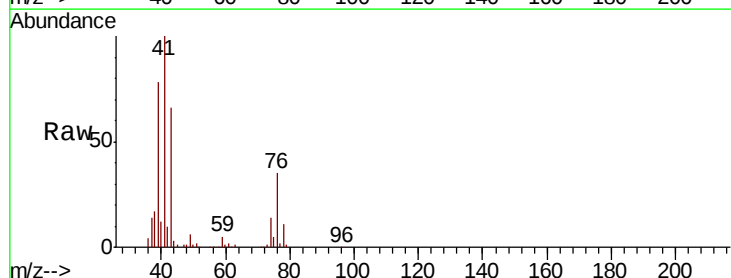
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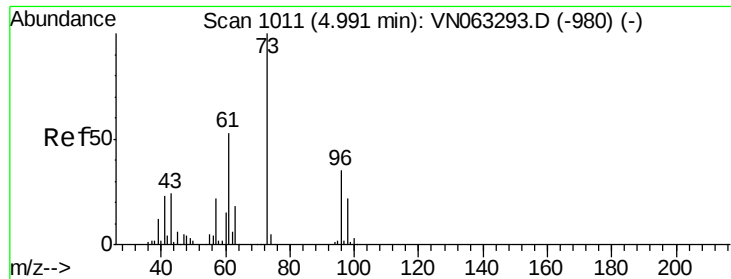
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#18
Methyl Acetate
Concen: 46.717 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Tgt Ion: 43 Resp: 265724
Ion Ratio Lower Upper
43 100
74 21.8 17.8 26.6





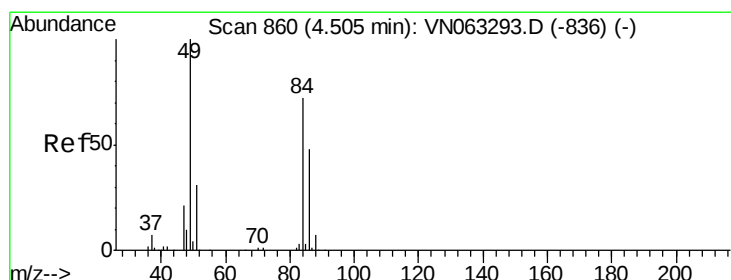
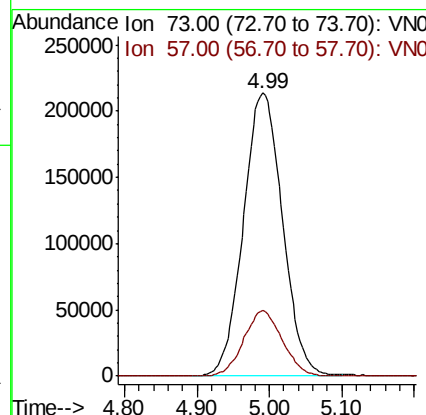
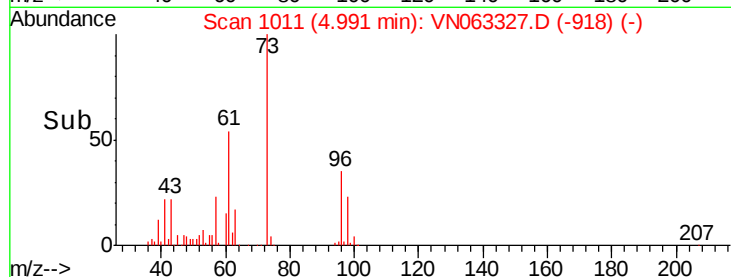
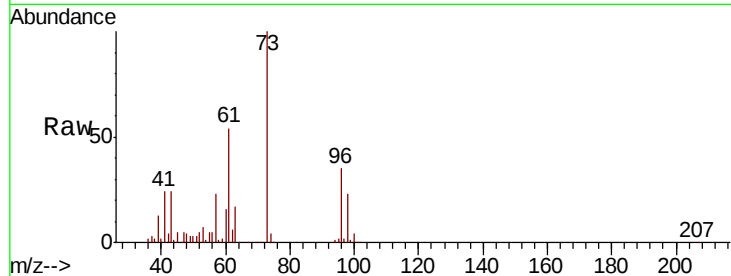
#19
Methvl tert-butvl Ether
Concen: 49.085 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Instrument :
MSVOA_N
ClientSampleId :
FC-MW03SR1-20200910MS

Tot Ion: 73 Resp: 801616
Ion Ratio Lower Upper
73 100
57 23.2 17.5 26.3

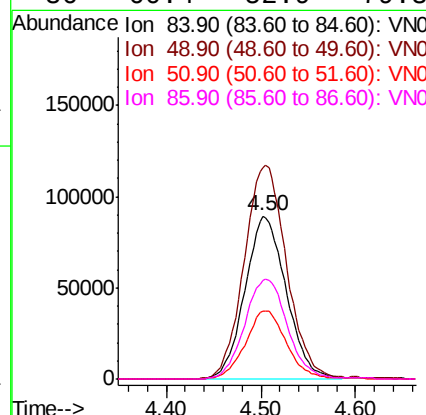
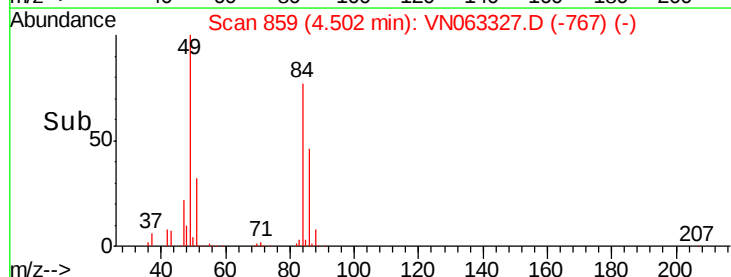
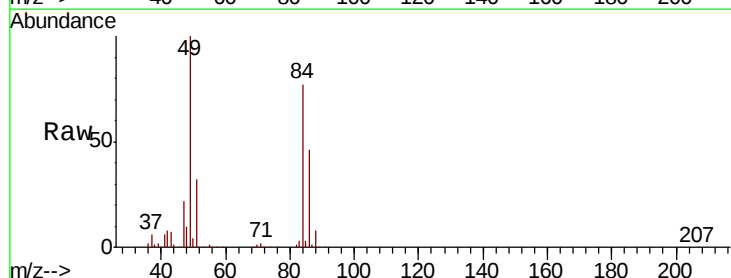
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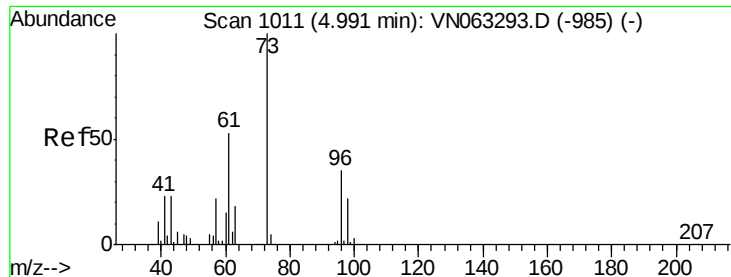
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#20
Methylene Chloride
Concen: 52.603 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Tgt Ion: 84 Resp: 270636
Ion Ratio Lower Upper
84 100
49 129.8 111.1 166.7
51 42.0 34.3 51.5
86 60.4 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 48.543 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

FC-MW03SR1-20200910MS

Tot Ion: 96 Resp: 248279

Ion Ratio Lower Upper

96 100

61 149.6 121.8 182.8

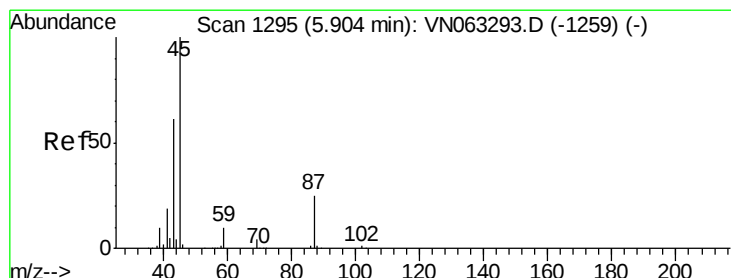
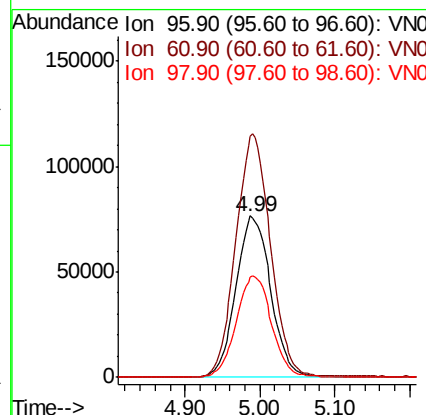
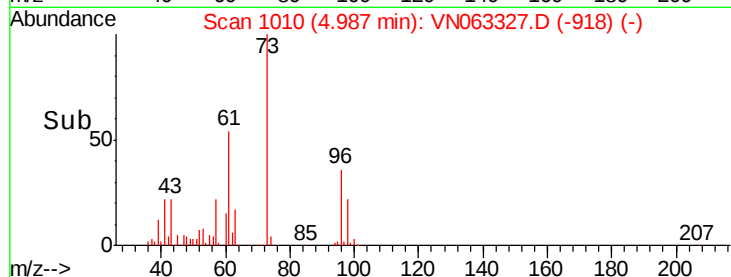
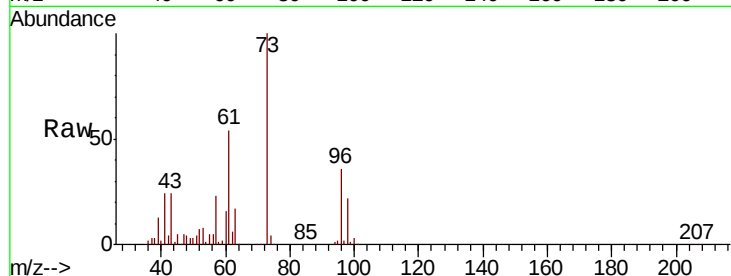
98 61.9 51.2 76.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 49.935 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Tgt Ion: 45 Resp: 921982

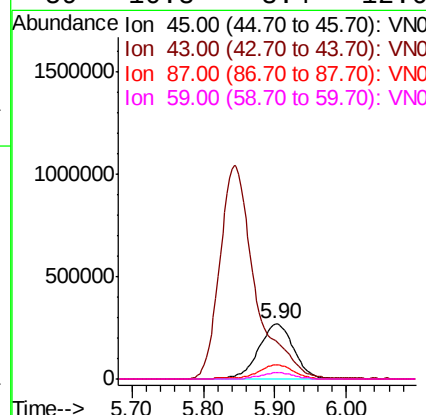
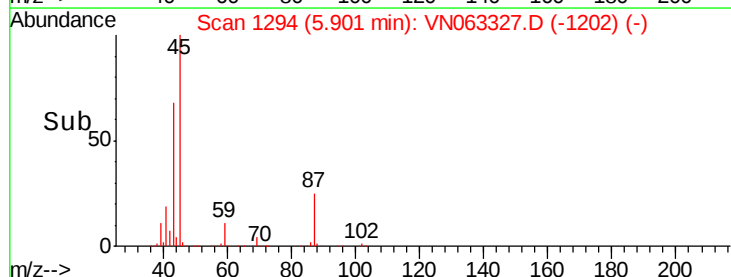
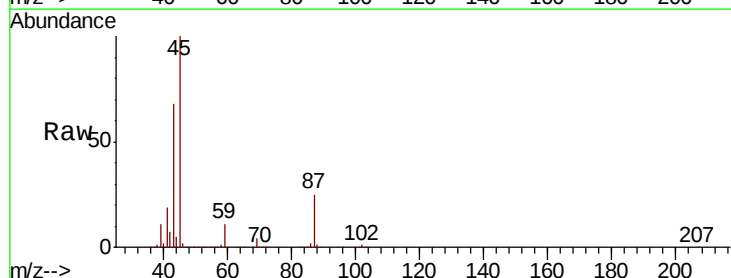
Ion Ratio Lower Upper

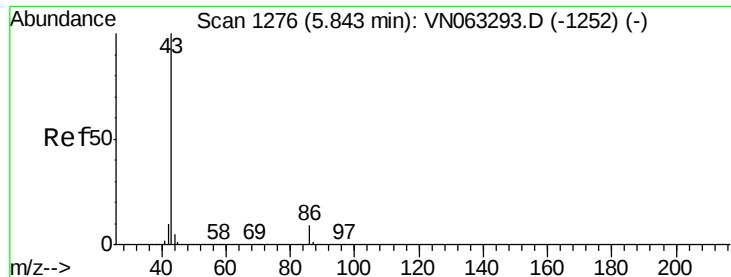
45 100

43 66.7 50.3 75.5

87 25.1 20.7 31.1

59 10.8 8.4 12.6





#23

Vinyl Acetate

Concen: 247.855 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

FC-MW03SR1-20200910MS

Tot Ion: 43 Resp: 3602123

Ion Ratio Lower Upper

43 100

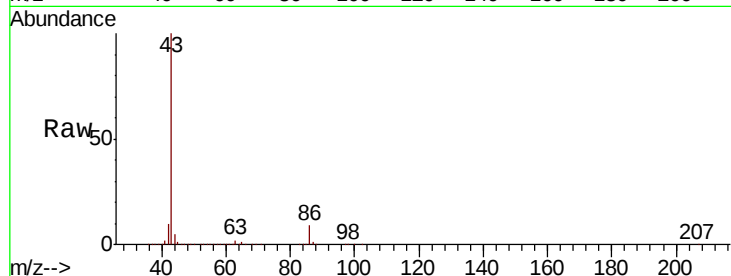
86 9.1 7.2 10.8

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

1200000

1000000

800000

600000

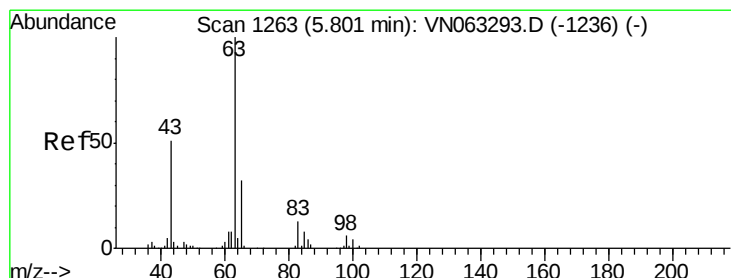
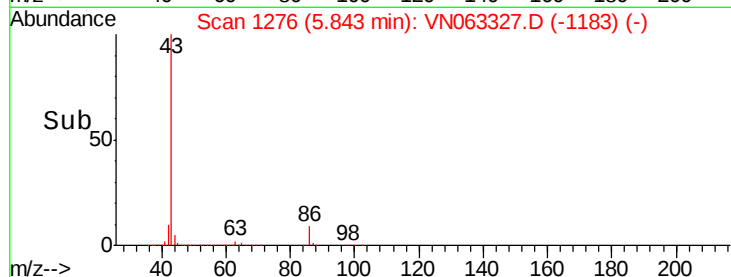
400000

200000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 48.902 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

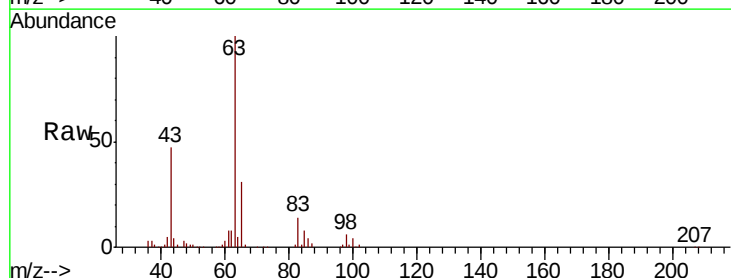
Tgt Ion: 63 Resp: 488960

Ion Ratio Lower Upper

63 100

98 5.7 3.1 9.3

100 3.8 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

200000

150000

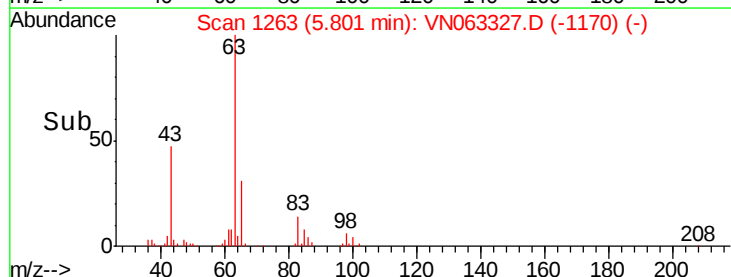
100000

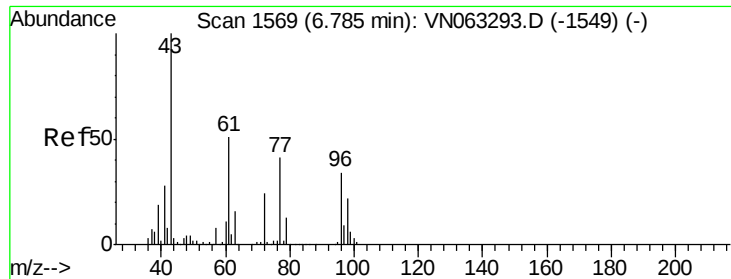
50000

0

5.70 5.80 5.90

Time-->





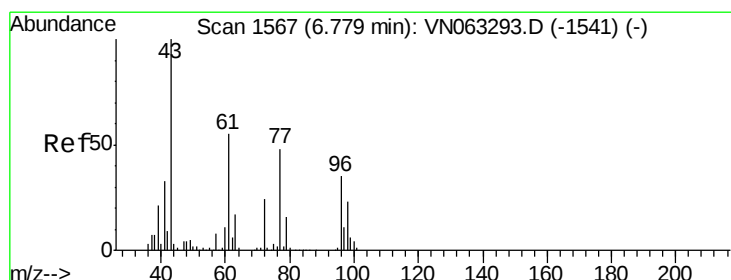
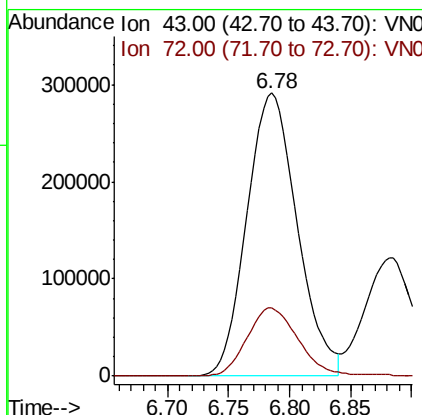
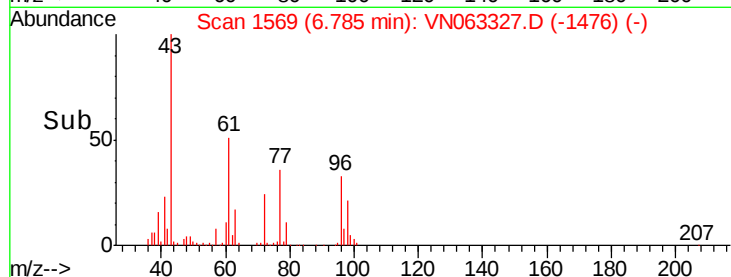
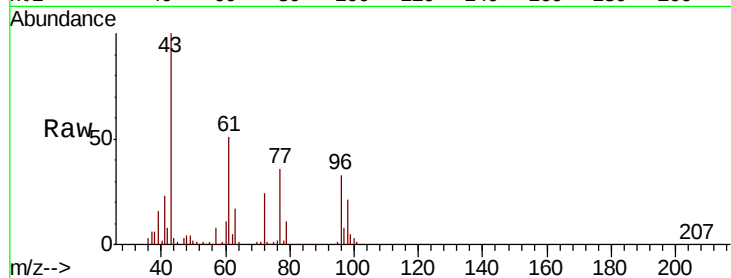
#25
 2-Butanone
 Concen: 249.084 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

Instrument :
 MSVOA_N
 ClientSampleId :
 FC-MW03SR1-20200910MS

Tot Ion: 43 Resp: 832528
 Ion Ratio Lower Upper
 43 100
 72 24.0 19.4 29.2

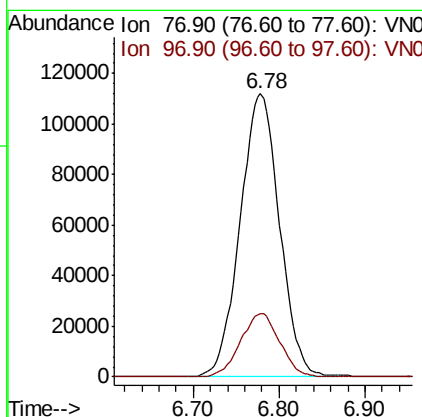
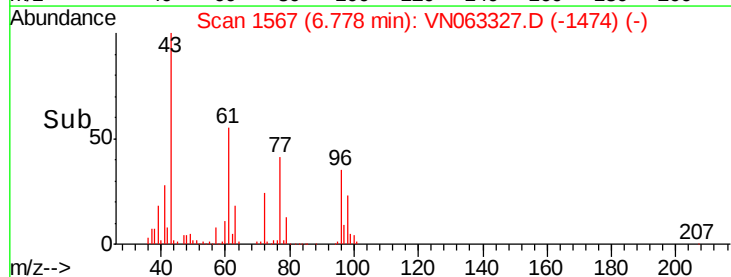
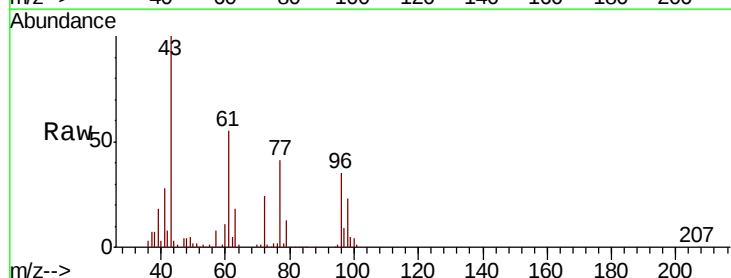
Manual Integrations
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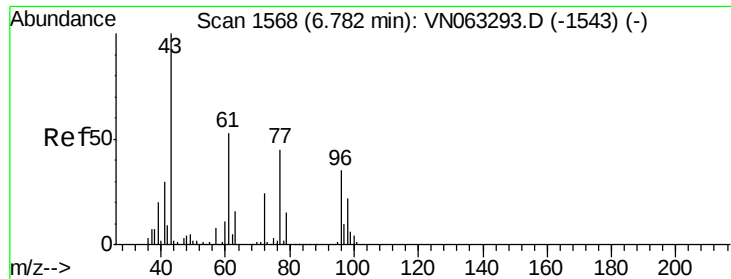
MMDadoda
 9/14/2020 12:08:31 PM



#26
 2,2-Dichloropropane
 Concen: 40.680 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

Tgt Ion: 77 Resp: 356509
 Ion Ratio Lower Upper
 77 100
 97 22.3 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 48.420 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

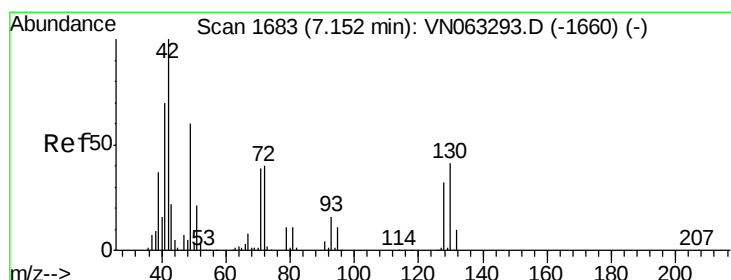
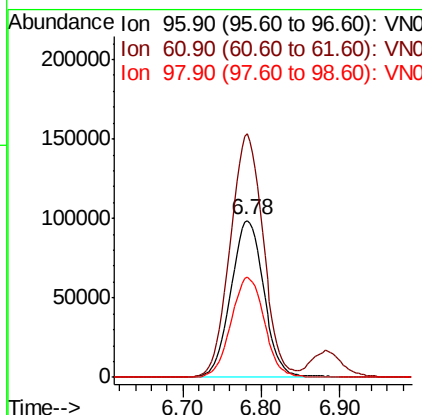
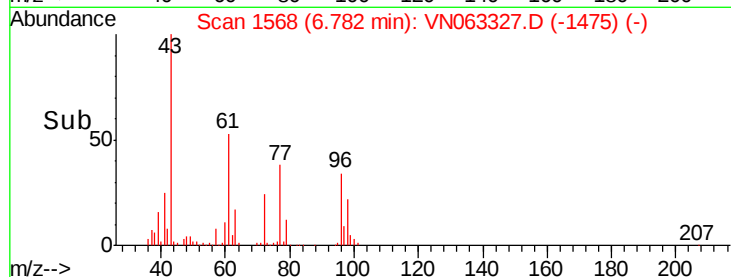
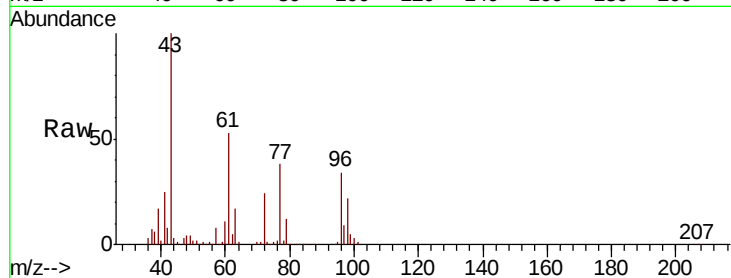
ClientSampleId :

FC-MW03SR1-20200910MS

Tot Ion:	96	Resp:	288620
Ion	Ratio	Lower	Upper
96	100		
61	155.2	0.0	322.8
98	64.2	0.0	132.2

Manual Integrations
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#28

Bromochloromethane

Concen: 49.890 ug/l

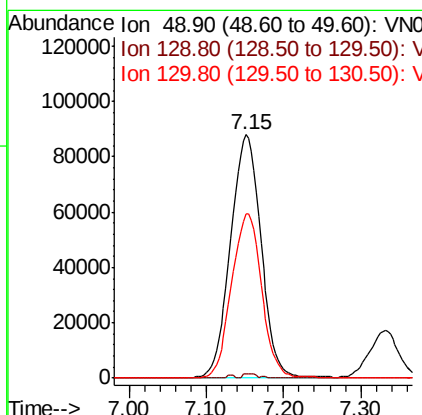
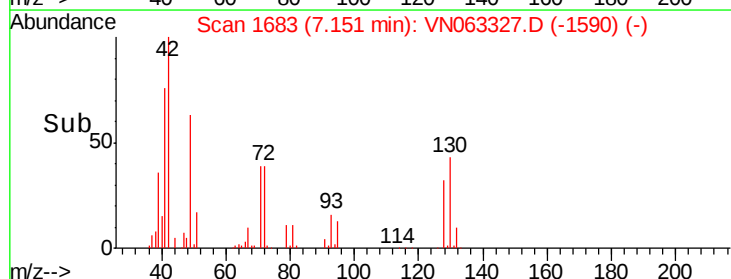
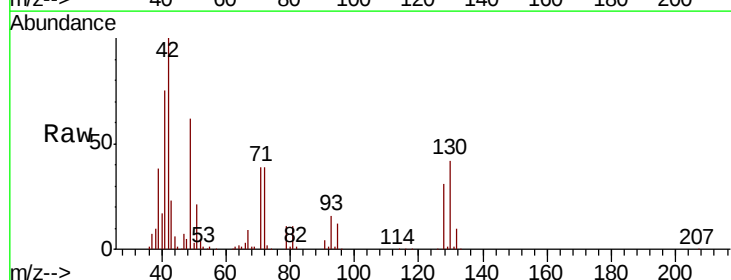
RT: 7.15 min Scan# 1683

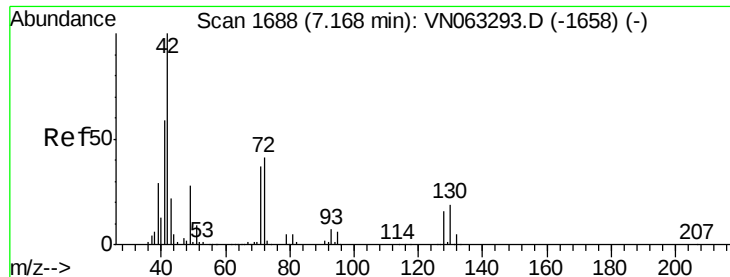
Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Tgt Ion:	49	Resp:	241890
Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	3.4
130	66.3	53.1	79.7





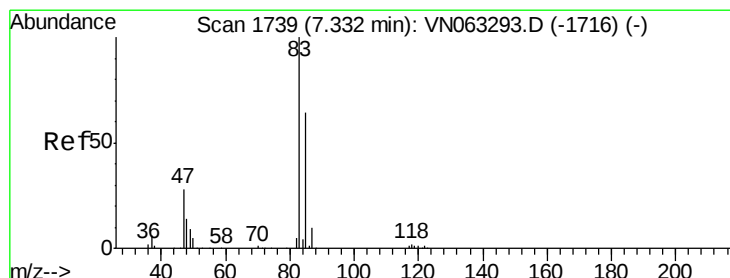
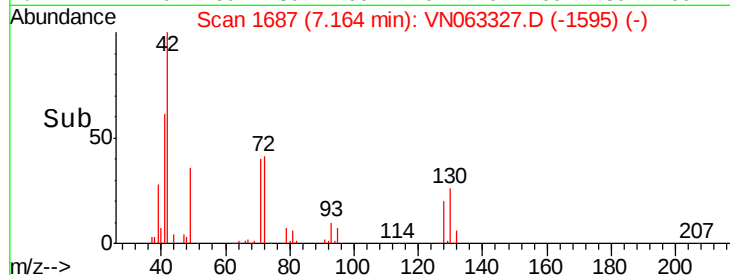
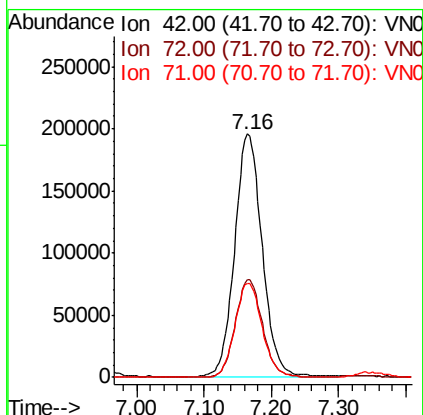
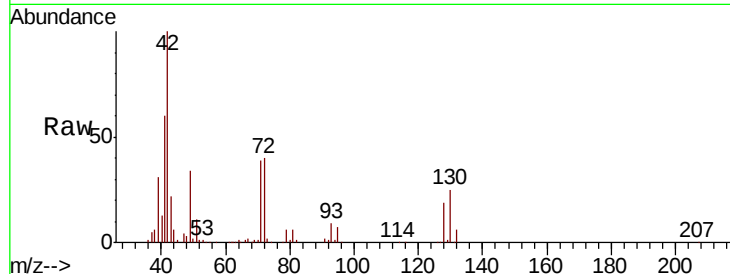
#29
Tetrahydrofuran
Concen: 254.893 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Instrument :
MSVOA_N
ClientSampleId :
FC-MW03SR1-20200910MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.8	31.4	47.2
71	38.6	30.0	45.0

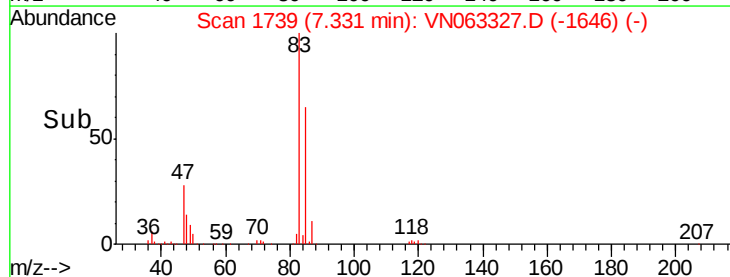
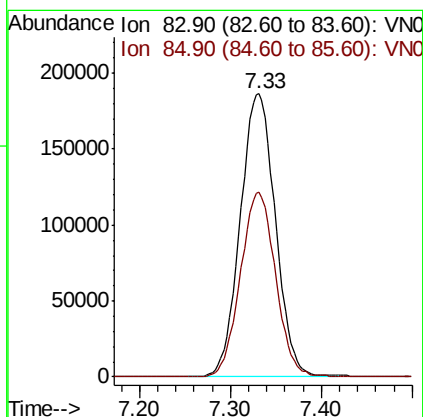
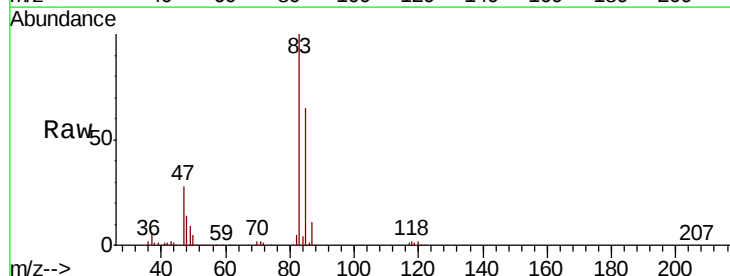
Manual Integrations
APPROVED

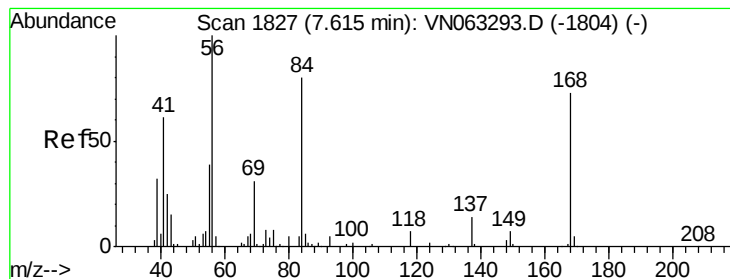
MMDadoda
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#30
Chloroform
Concen: 50.018 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.2	76.8





#31

Cyclohexane

Concen: 48.250 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

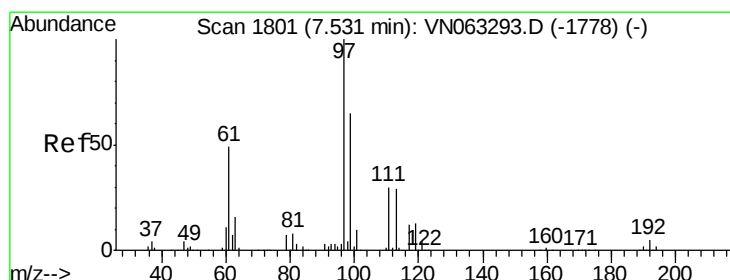
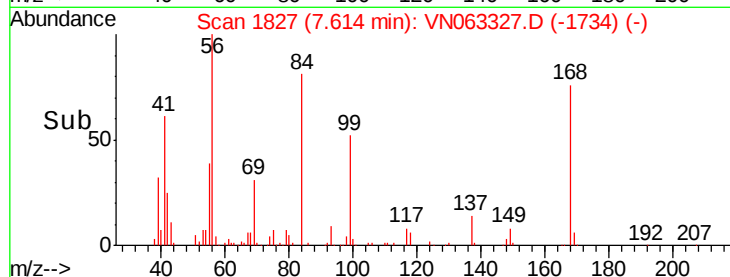
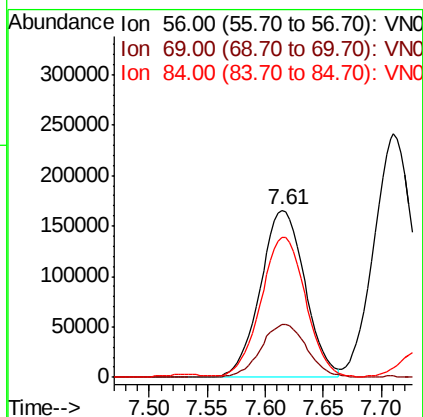
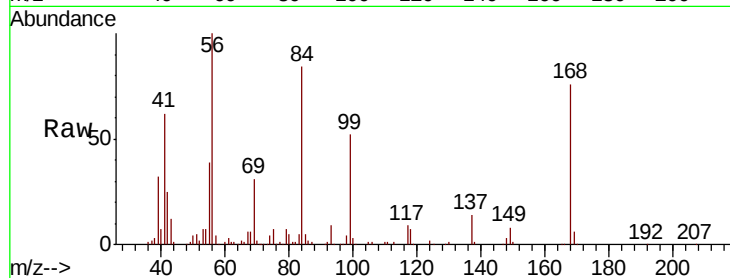
ClientSampleId :

FC-MW03SR1-20200910MS

Tot Ion:	56	Resp:	443437
Ion Ratio	Lower	Upper	
56	100		
69	31.4	25.1	37.7
84	82.0	64.2	96.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.996 ug/l

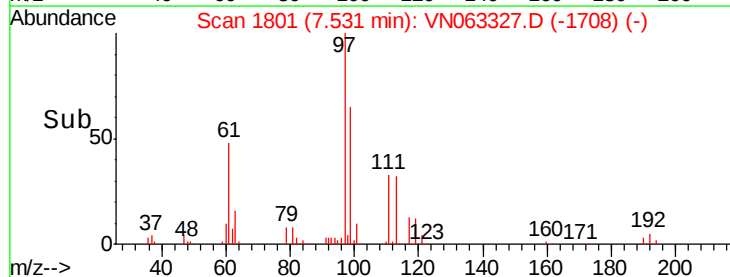
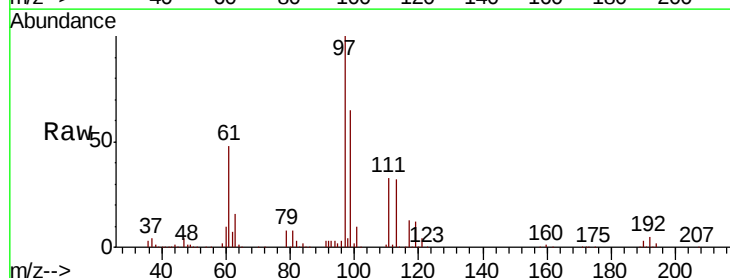
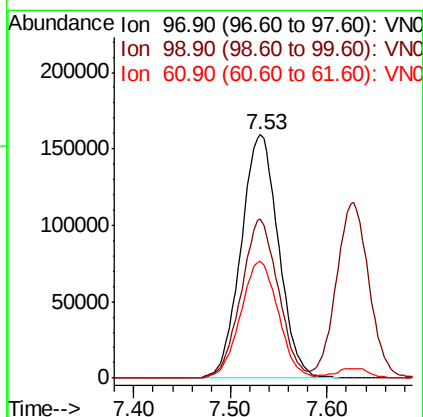
RT: 7.53 min Scan# 1801

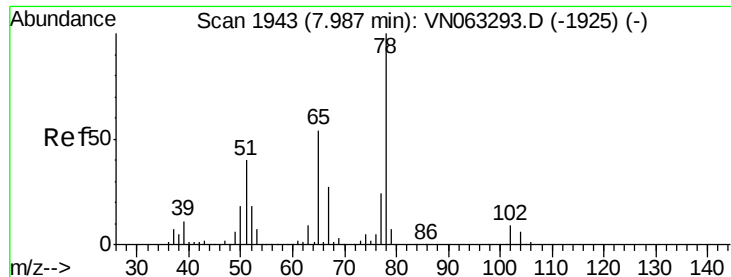
Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Tgt Ion:	97	Resp:	427596
Ion Ratio	Lower	Upper	
97	100		
99	64.8	51.4	77.2
61	48.4	38.9	58.3





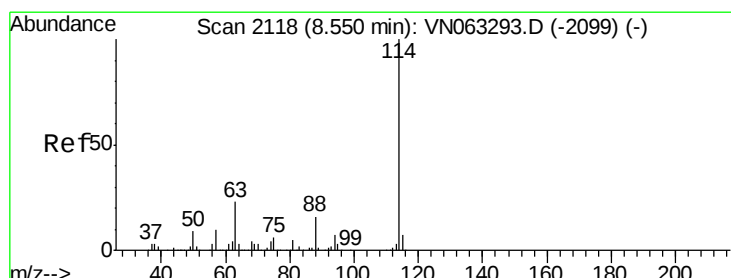
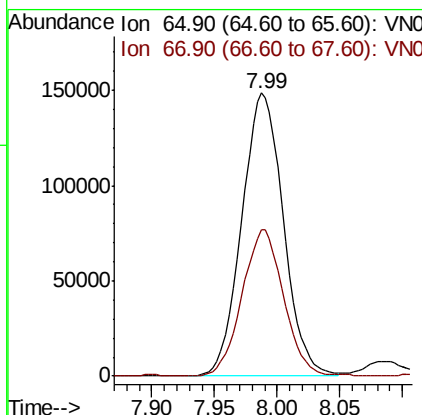
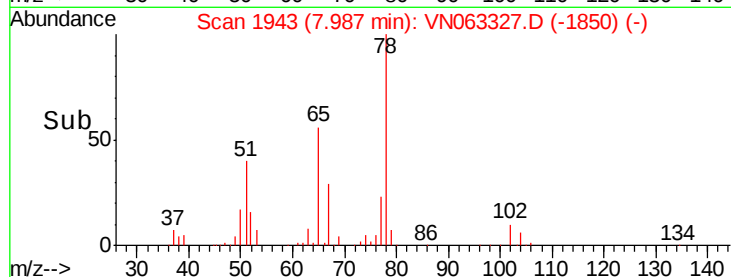
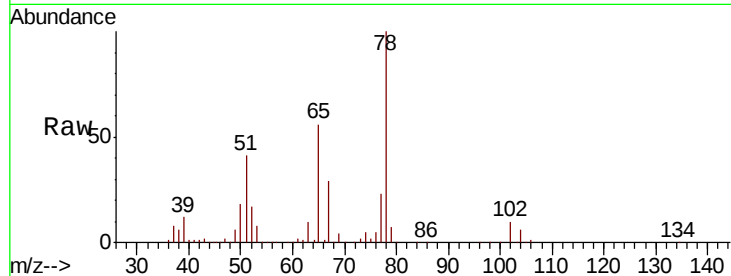
#33
 1,2-Dichloroethane-d4
 Concen: 52.327 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

Instrument :
 MSVOA_N
 ClientSampleId :
 FC-MW03SR1-20200910MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	104.6

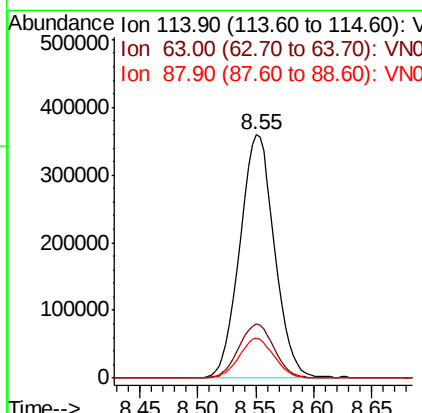
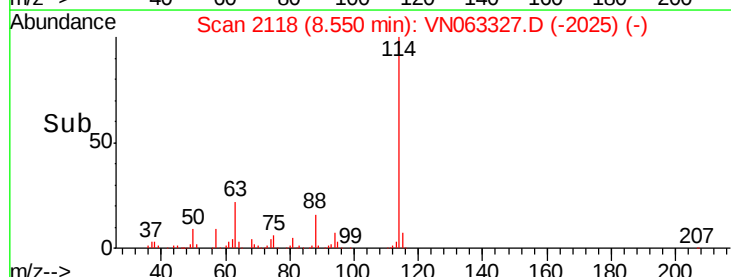
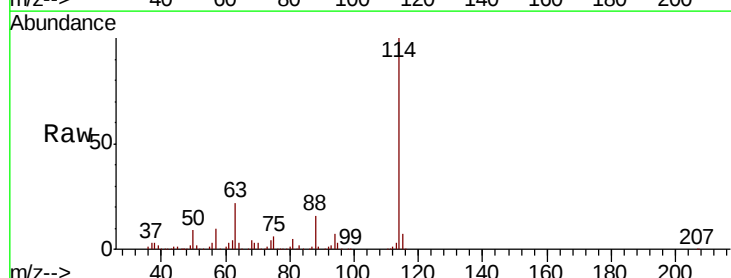
Manual Integrations
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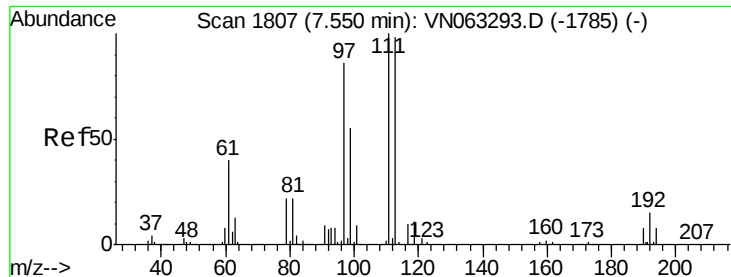
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	46.0
88	16.3	0.0	32.8





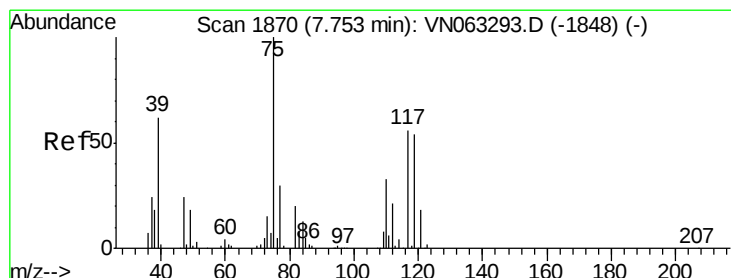
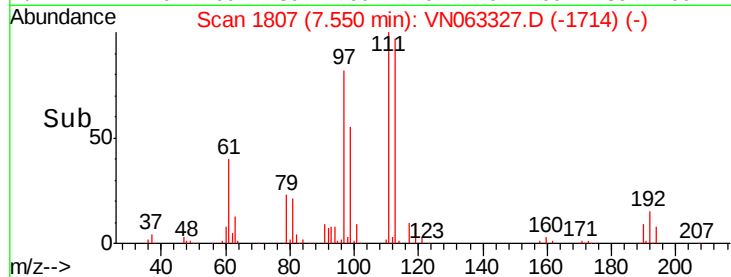
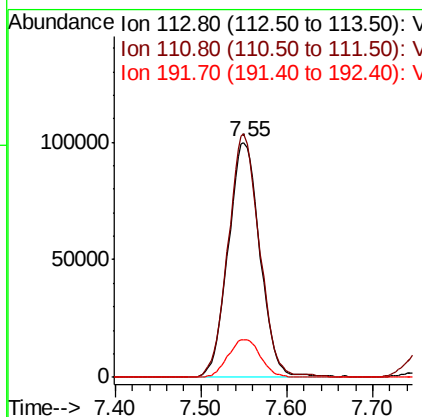
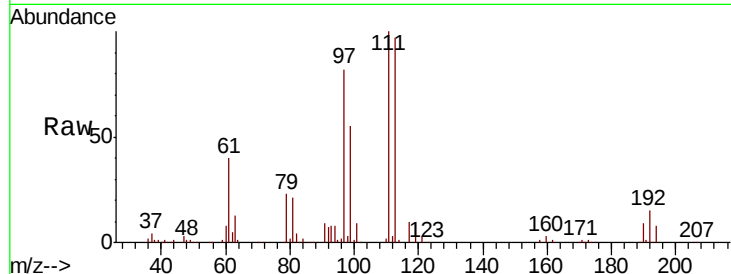
#35
 Dibromofluoromethane
 Concen: 53.166 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

Instrument :
 MSVOA_N
 ClientSampleId :
 FC-MW03SR1-20200910MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	256381		
111	102.7	82.2	123.2	
192	16.4	12.9	19.3	

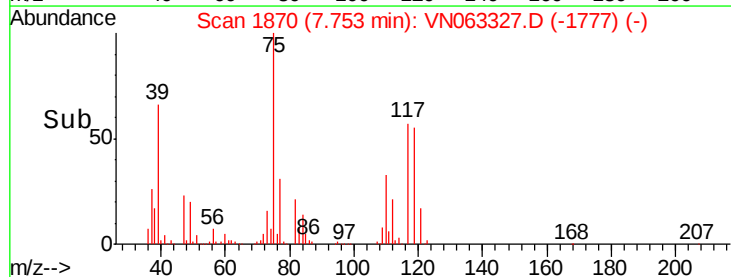
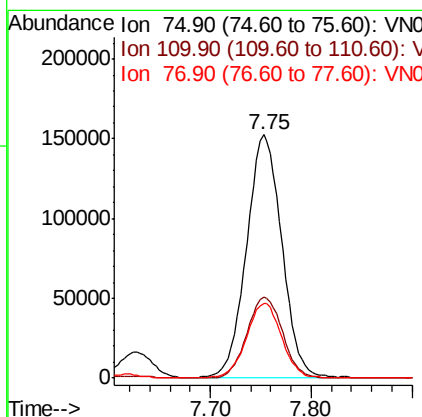
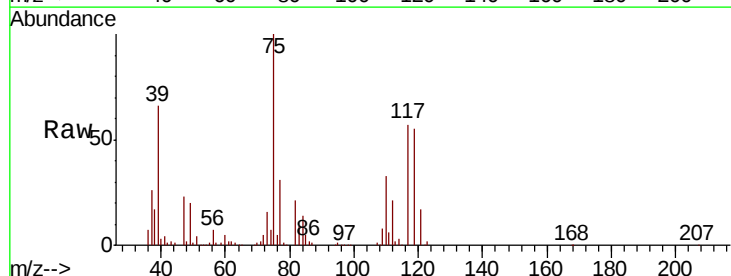
Manual Integrations
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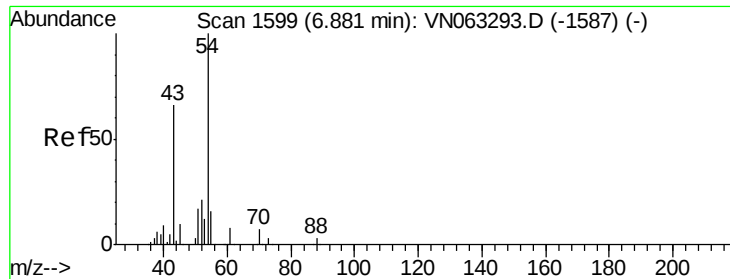
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 47.833 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	367523		
110	33.7	16.4	49.4	
77	31.1	24.8	37.2	





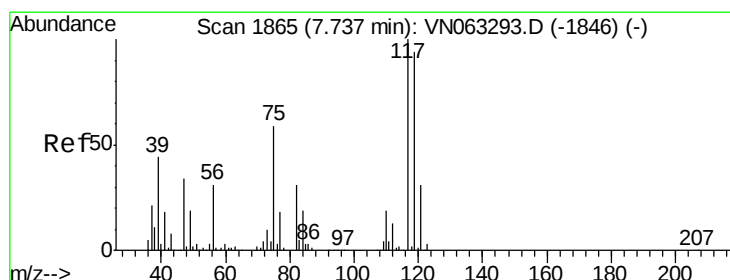
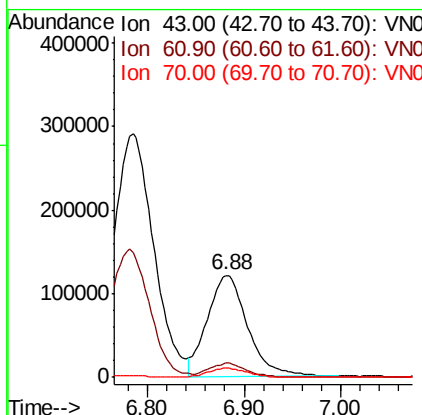
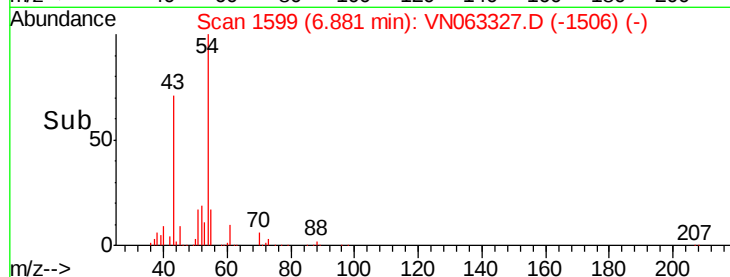
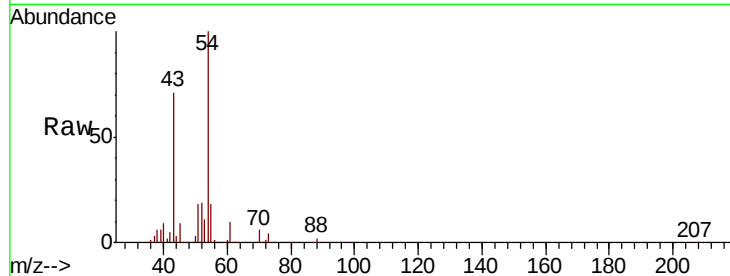
#37
Ethyl Acetate
Concen: 46.229 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Instrument :
MSVOA_N
ClientSampleId :
FC-MW03SR1-20200910MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.1	15.1
70	9.0	7.4	11.2

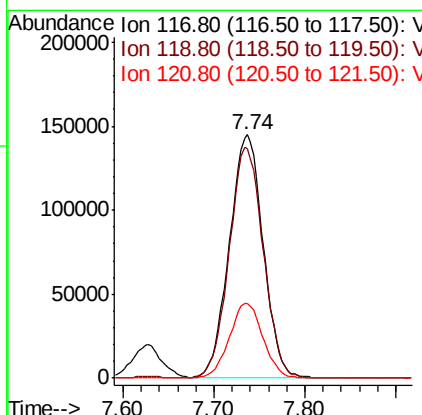
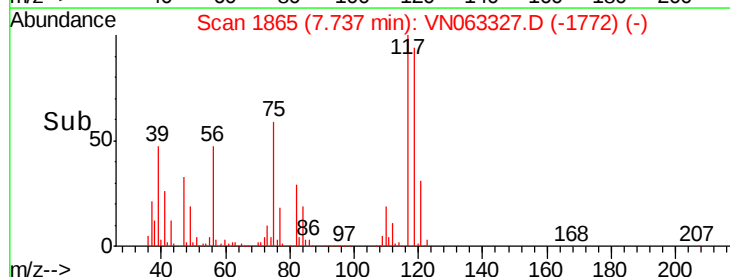
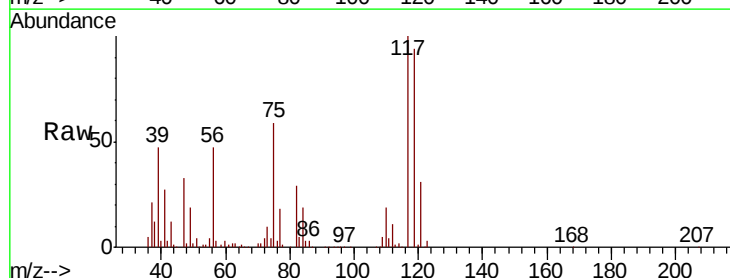
Manual Integrations
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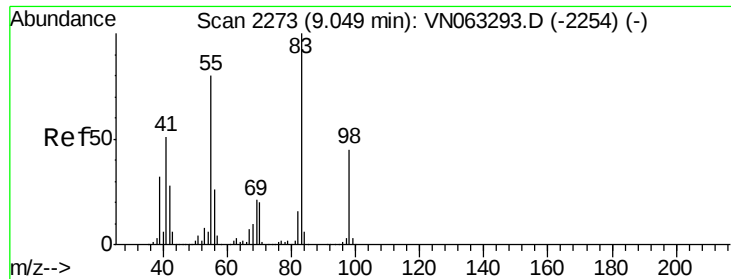
MMDadoda
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#38
Carbon Tetrachloride
Concen: 49.260 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.3	112.9
121	31.0	24.6	37.0





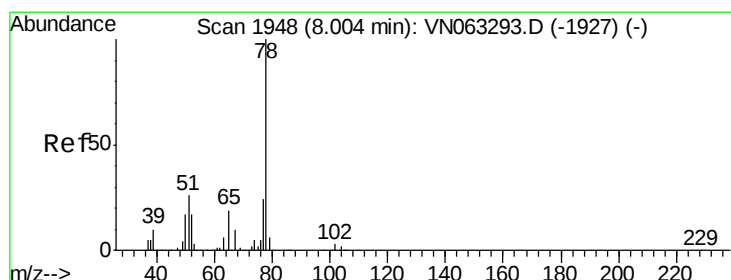
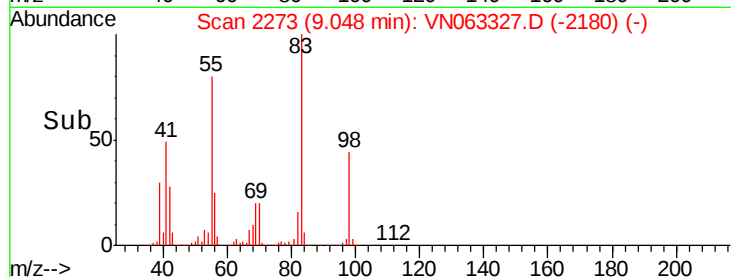
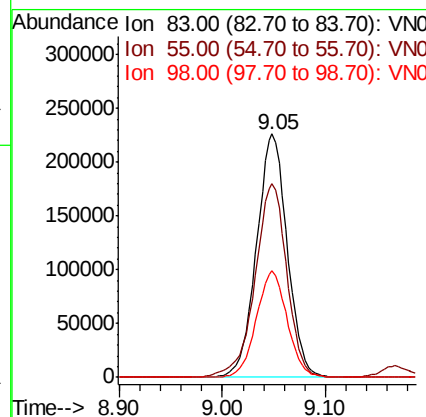
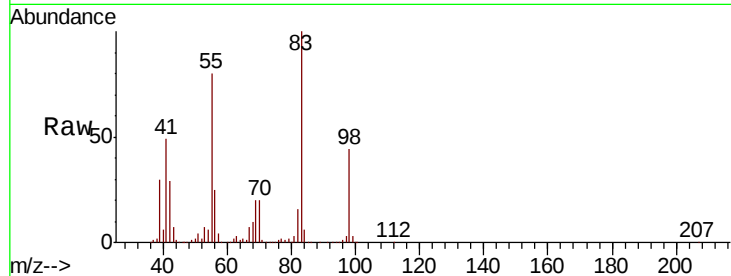
#39
Methvlcvclohexane
Concen: 55.699 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Instrument :
MSVOA_N
ClientSampleId :
FC-MW03SR1-20200910MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.4	64.0	96.0
98	43.7	36.4	54.6

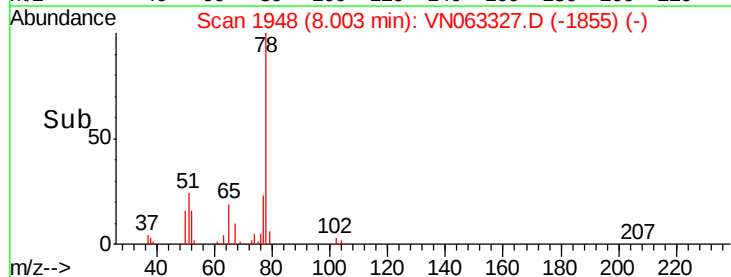
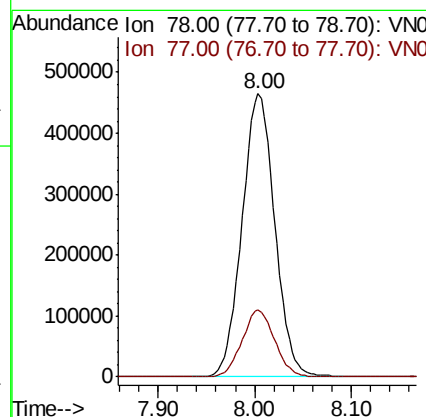
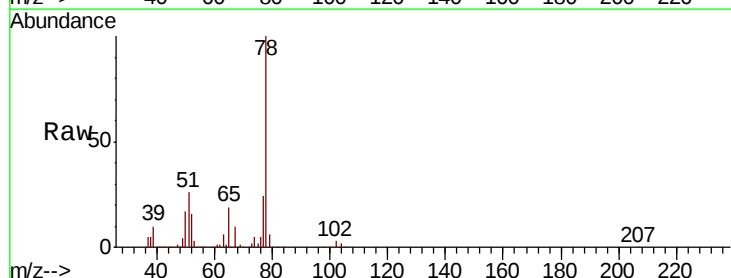
Manual Integrations
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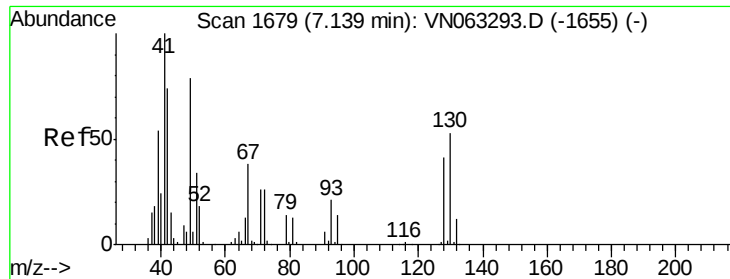
MMDadoda
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#40
Benzene
Concen: 49.816 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2





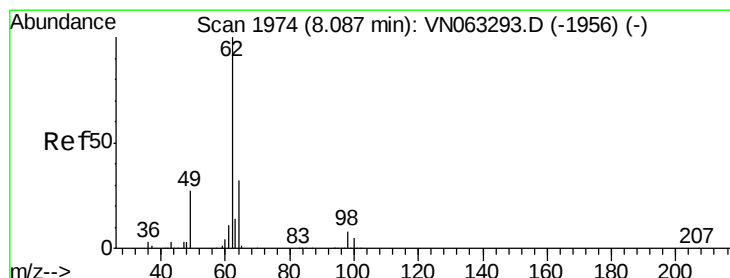
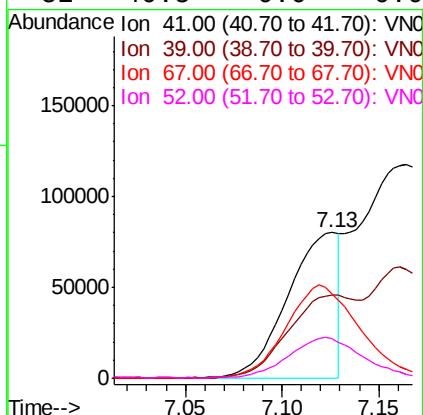
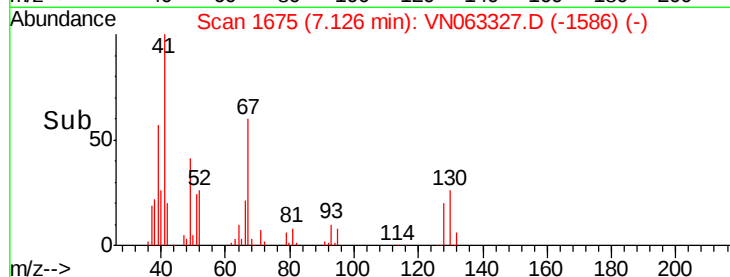
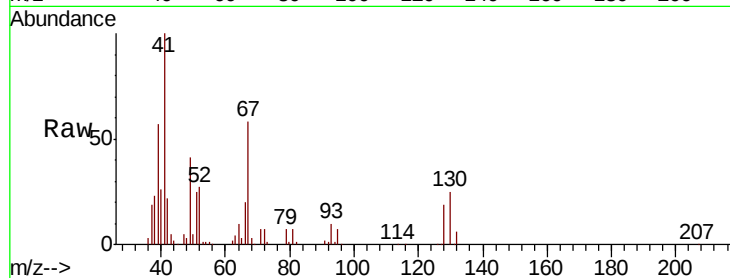
#41
Methacrylonitrile
Concen: 42.789 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Instrument :
MSVOA_N
ClientSampleId :
FC-MW03SR1-20200910MS

Tot Ion	Ratio	Lower	Upper
41	100		
39	73.3	0.0	0.0#
67	93.7	0.0	0.0#
52	40.5	0.0	0.0#

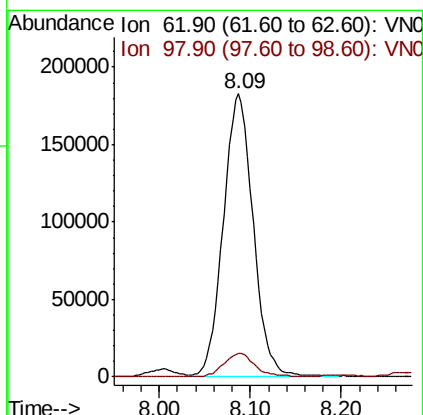
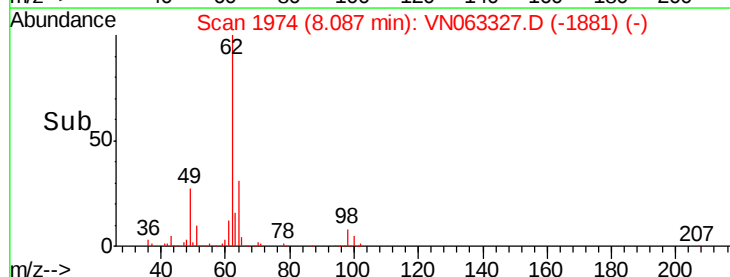
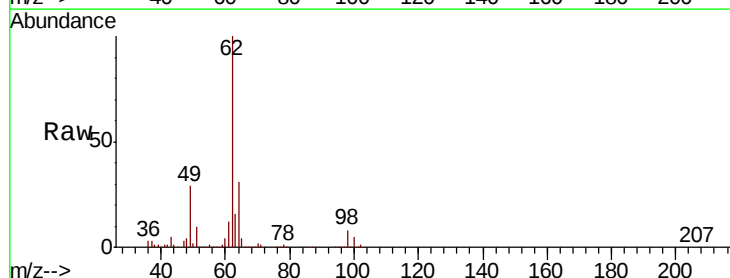
Manual Integrations
APPROVED

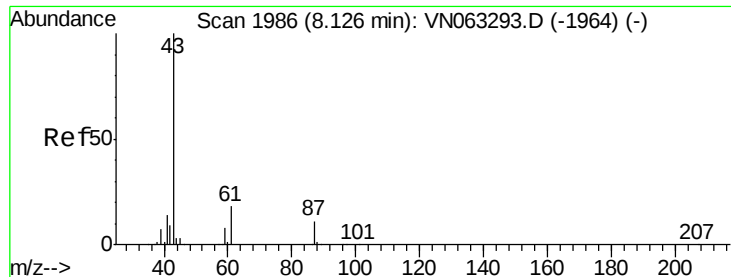
MMDadoda
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#42
1,2-Dichloroethane
Concen: 49.760 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	15.4





#43

Isopropyl Acetate

Concen: 50.335 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

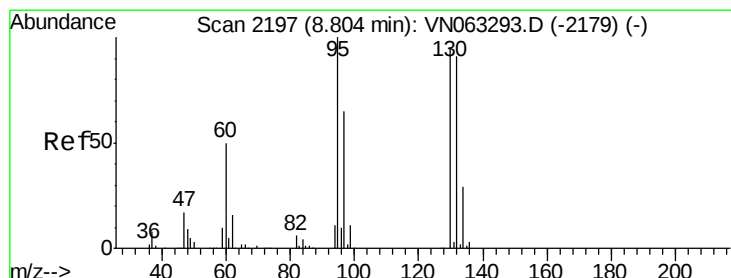
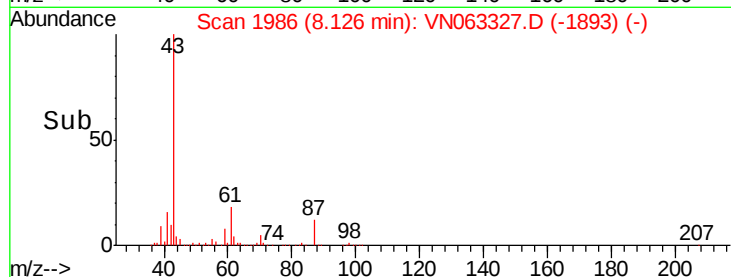
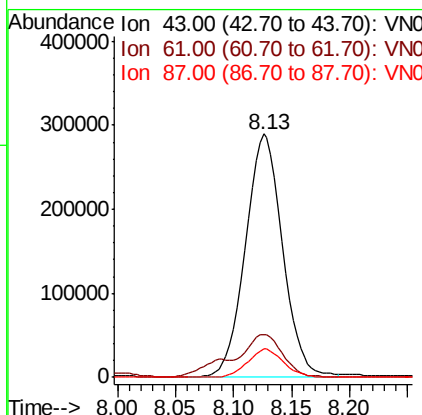
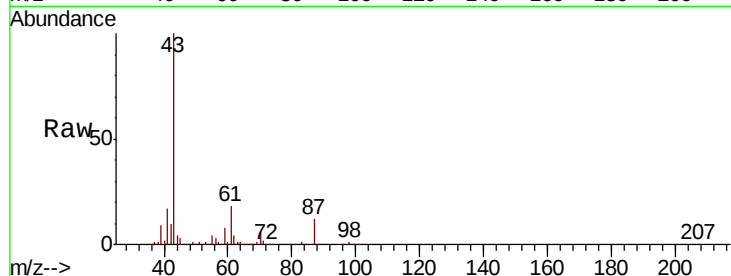
ClientSampleId :

FC-MW03SR1-20200910MS

Tot Ion:	43	Resp:	644338
Ion	Ratio	Lower	Upper
43	100		
61	17.4	15.1	22.7
87	11.4	9.2	13.8

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#44

Trichloroethene

Concen: 49.063 ug/l

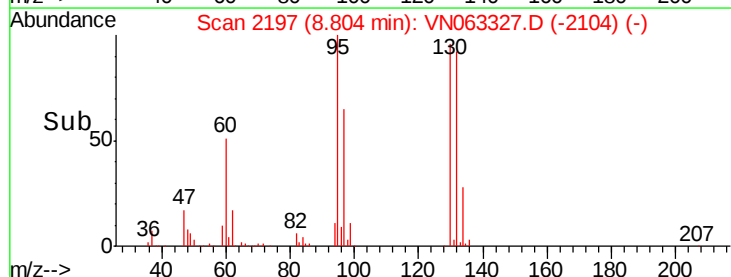
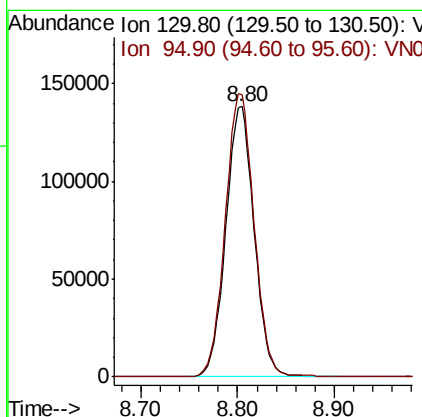
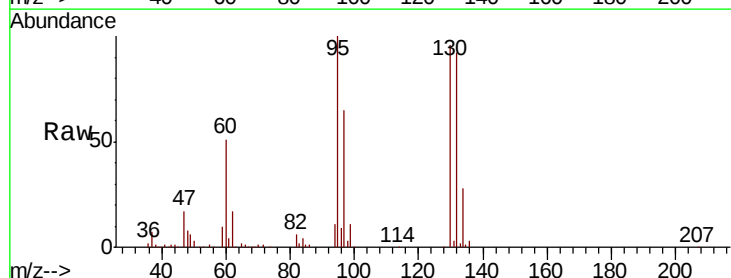
RT: 8.80 min Scan# 2197

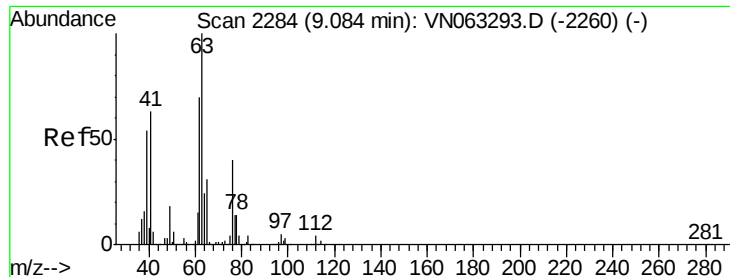
Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Tgt Ion:	130	Resp:	281576
Ion	Ratio	Lower	Upper
130	100		
95	104.3	0.0	210.8





#45

1,2-Dichloropropane

Concen: 49.804 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

FC-MW03SR1-20200910MS

Tot Ion: 63 Resp: 299791

Ion Ratio Lower Upper

63 100

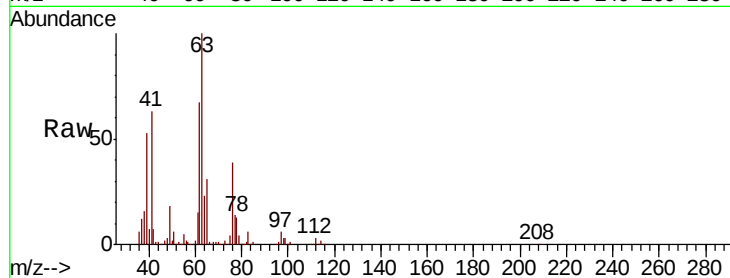
65 30.8 24.6 36.8

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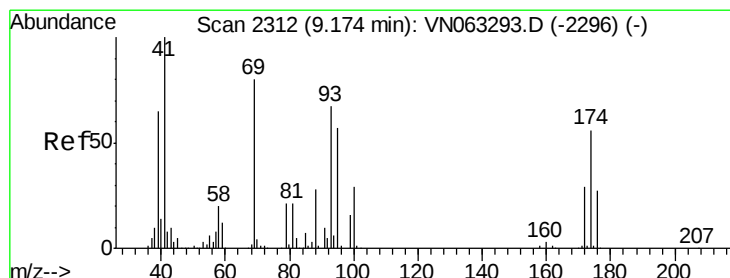
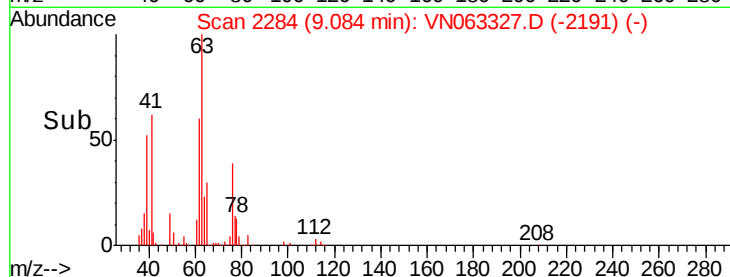
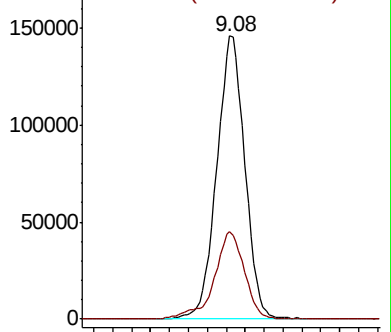
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Abundance Ion 62.90 (62.60 to 63.60): VN063327.D (-2191) (-)



#46

Dibromomethane

Concen: 49.521 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

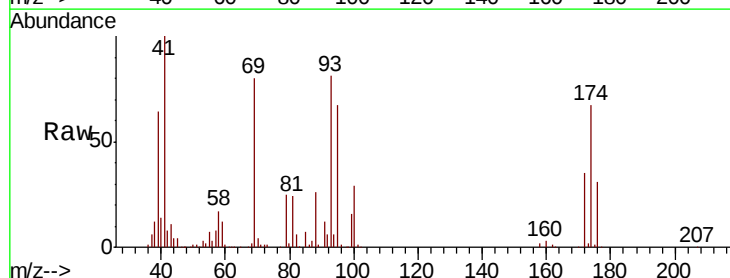
Tgt Ion: 93 Resp: 193298

Ion Ratio Lower Upper

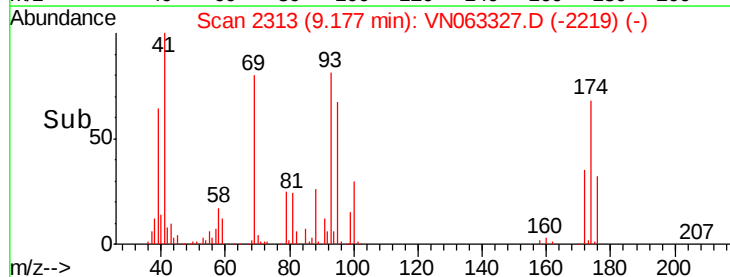
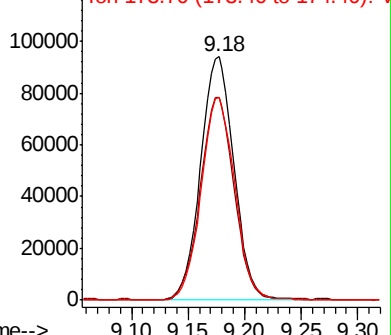
93 100

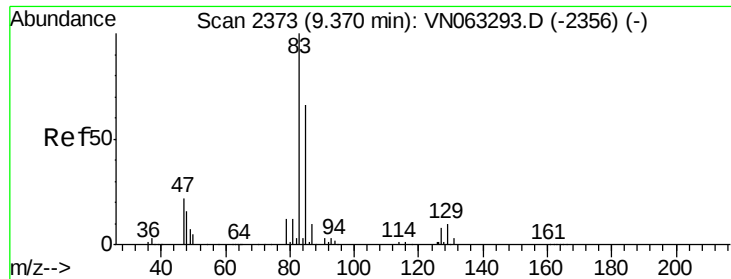
95 84.7 67.9 101.9

174 84.2 66.9 100.3



Abundance Ion 92.80 (92.50 to 93.50): VN063327.D (-2219) (-)





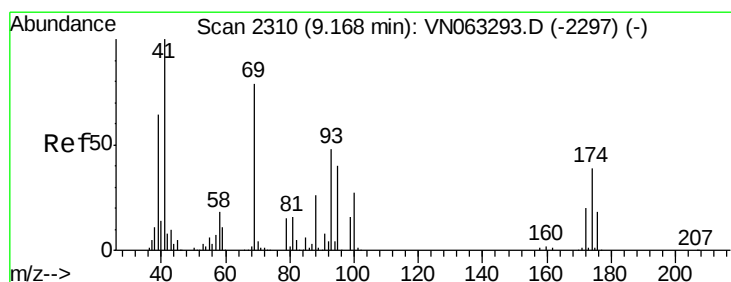
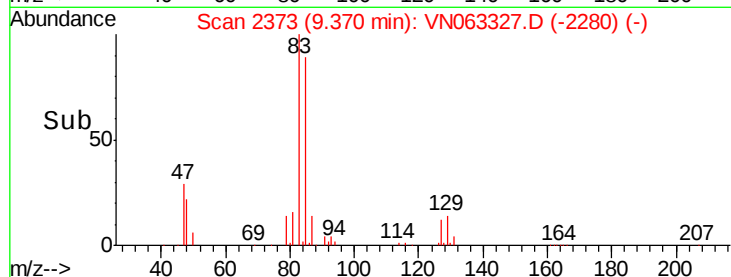
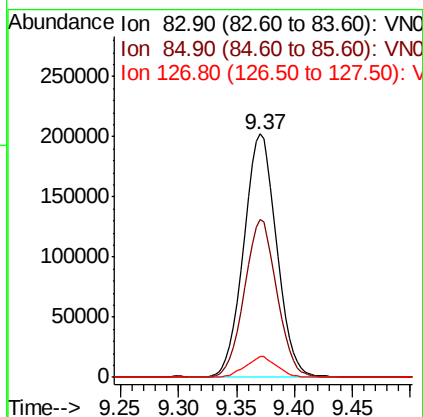
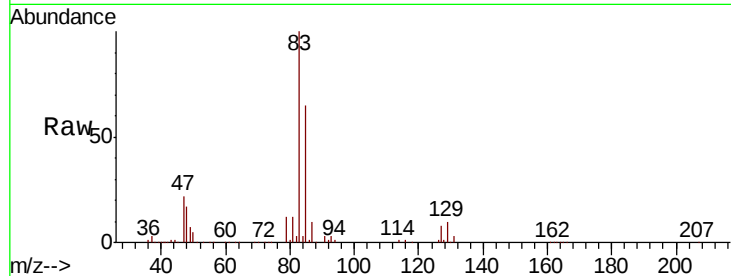
#47
Bromodichloromethane
Concen: 49.208 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Instrument :
MSVOA_N
ClientSampleId :
FC-MW03SR1-20200910MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	64.5	52.5	78.7	
127	8.4	6.6	10.0	

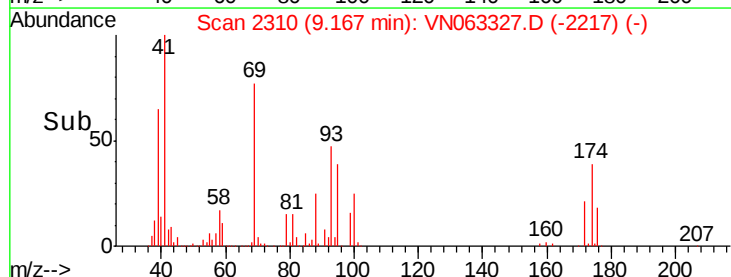
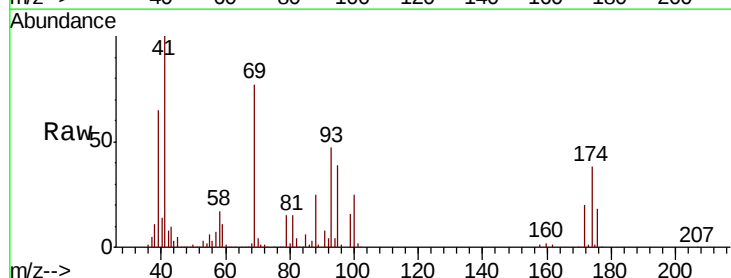
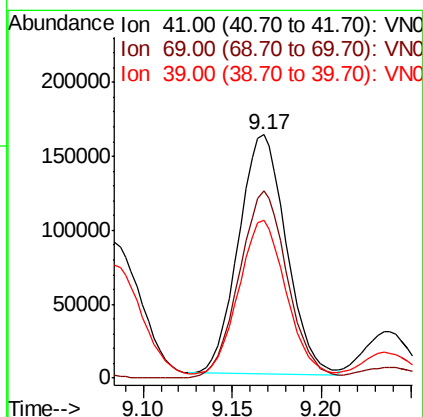
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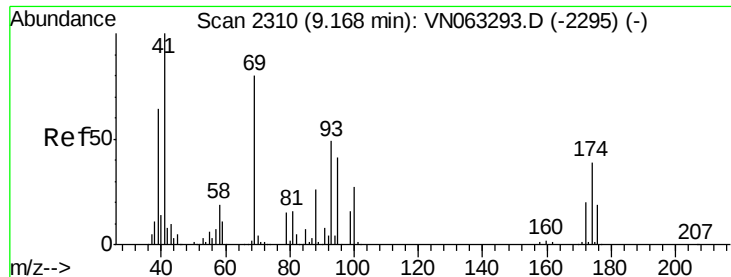
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#48
Methyl methacrylate
Concen: 49.608 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	78.6	63.6	95.4	
39	66.4	53.2	79.8	





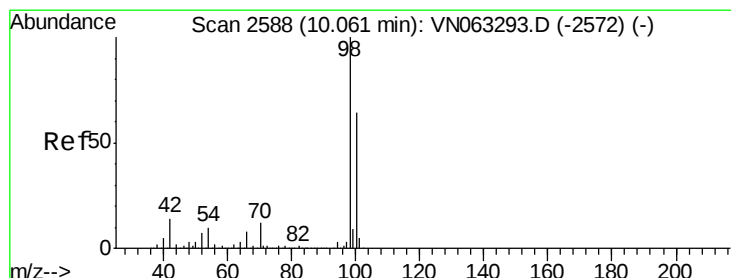
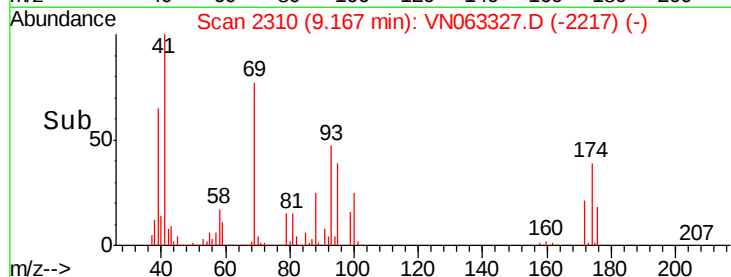
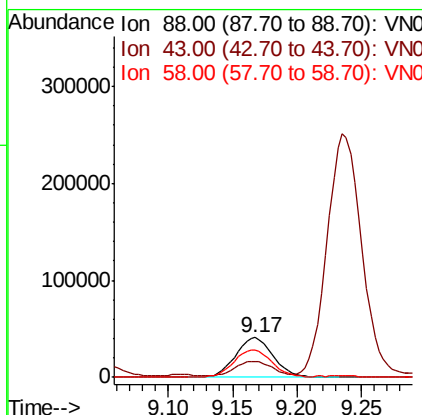
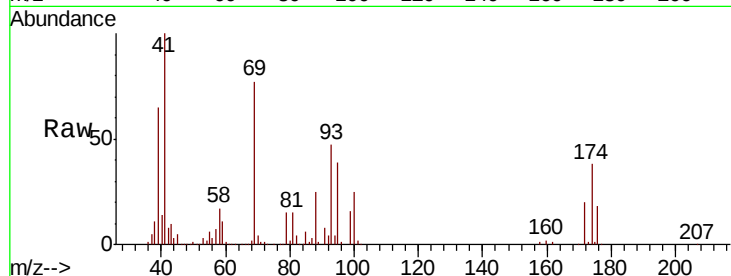
#49
1,4-Dioxane
Concen: 890.760 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Instrument :
MSVOA_N
ClientSampleId :
FC-MW03SR1-20200910MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.7	30.5	45.7
58	70.5	58.9	88.3

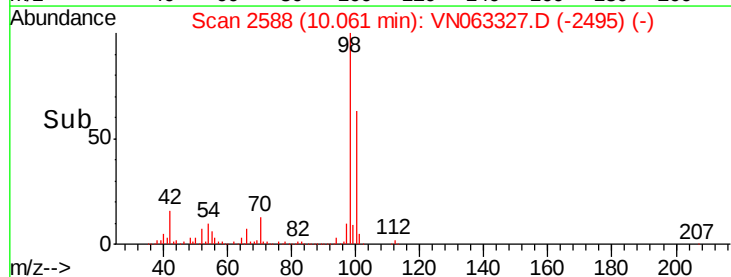
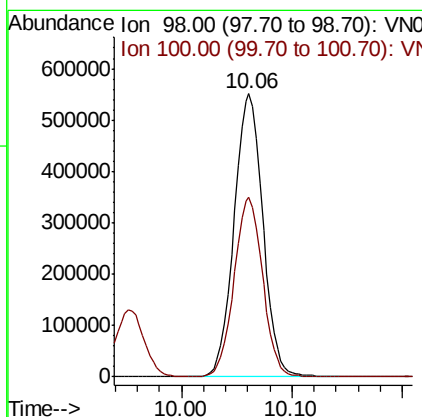
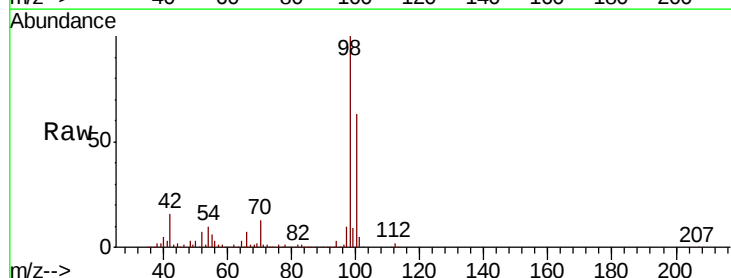
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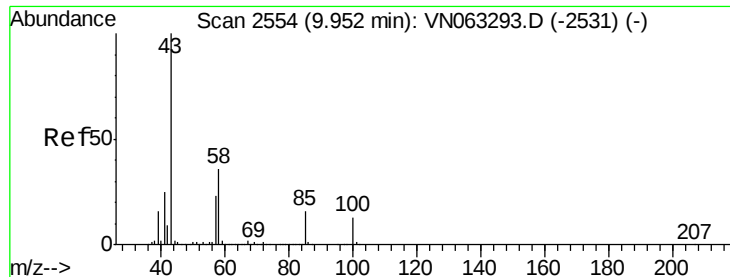
MMDadoda
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#50
Toluene-d8
Concen: 53.891 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.6	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 264.099 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

FC-MW03SR1-20200910MS

Tot Ion: 43 Resp: 1863144

Ion Ratio Lower Upper

43 100

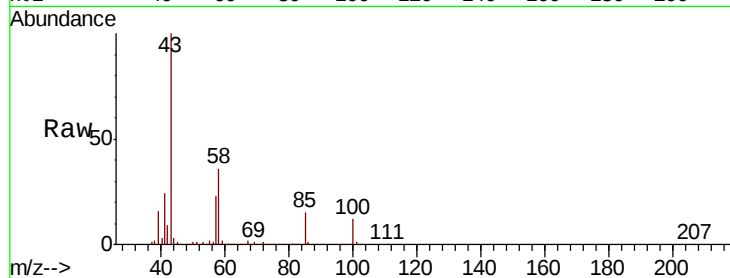
58 36.0 29.0 43.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN063327.D (-2531) (-)

Ion 58.00 (57.70 to 58.70): VN063327.D (-2531) (-)

1200000

1000000

800000

600000

400000

200000

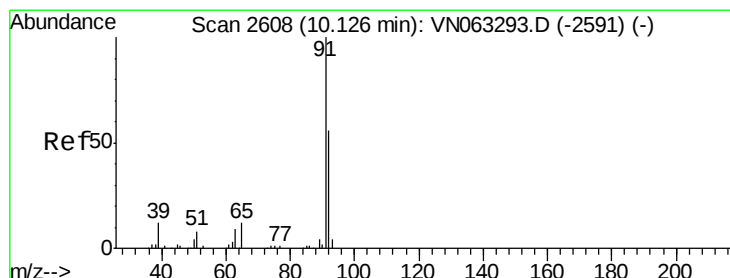
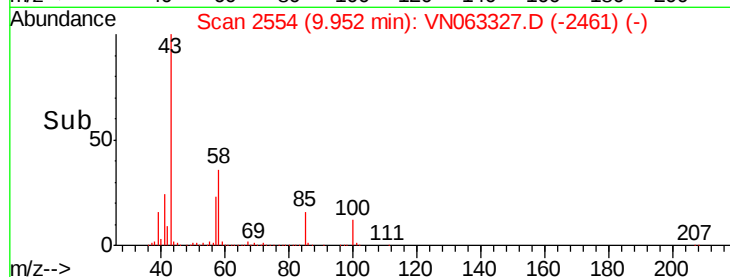
0

9.90

9.95

10.00

Time-->



#52

Toluene

Concen: 50.212 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. -0.00 min

Lab File: VN063327.D

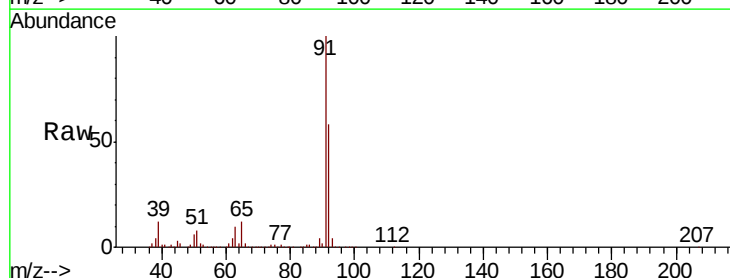
Acq: 11 Sep 2020 20:18

Tgt Ion: 92 Resp: 672767

Ion Ratio Lower Upper

92 100

91 174.1 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN063327.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN063327.D (-2591) (-)

600000

400000

200000

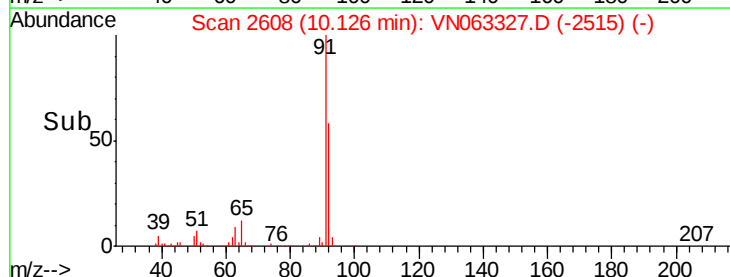
0

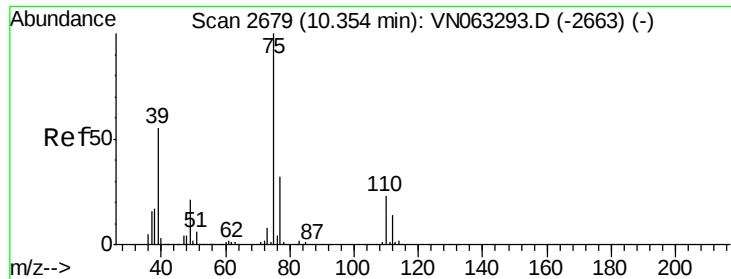
10.10

10.13

10.20

Time-->





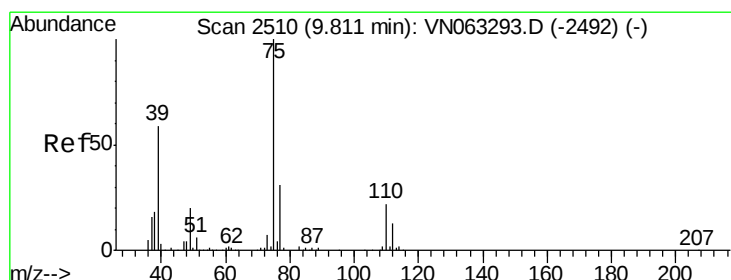
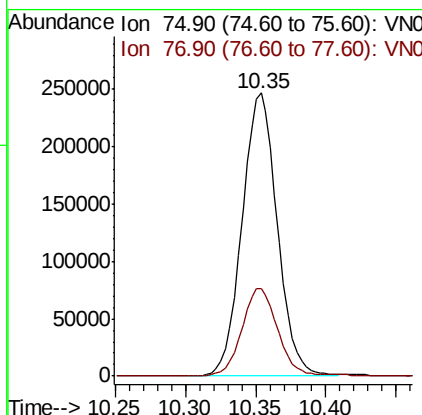
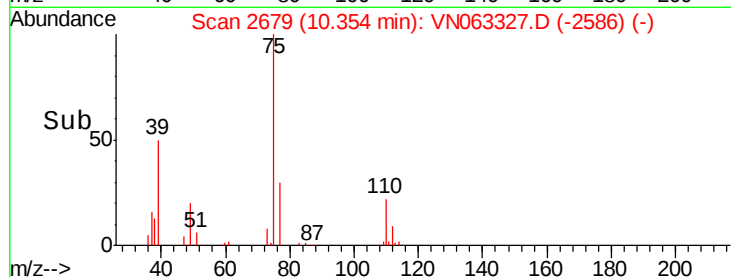
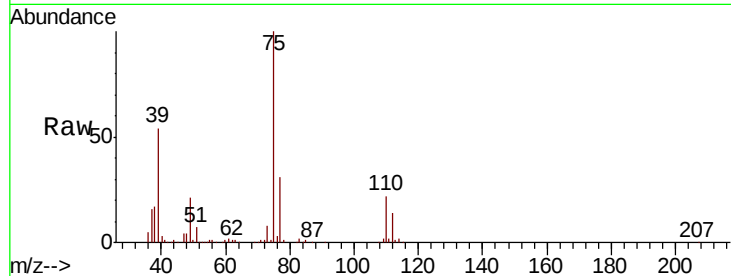
#53
t-1,3-Dichloropropene
Concen: 48.625 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Instrument :
MSVOA_N
ClientSampleId :
FC-MW03SR1-20200910MS

Tot Ion: 75 Resp: 431326
Ion Ratio Lower Upper
75 100
77 30.9 25.7 38.5

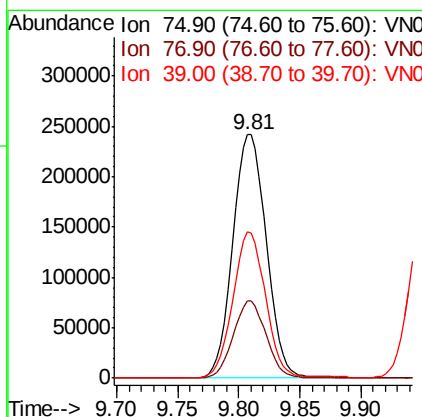
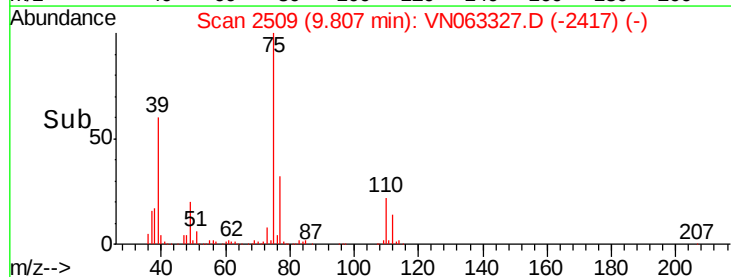
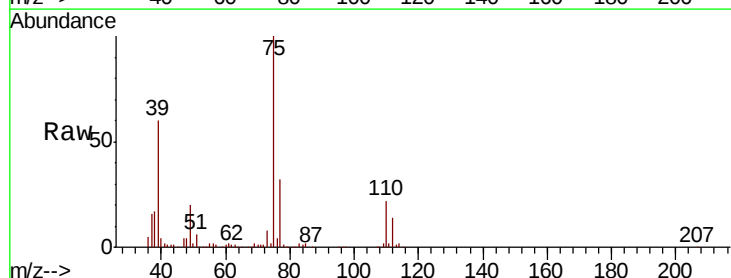
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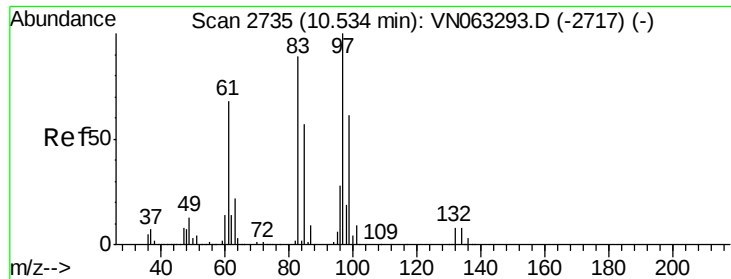
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#54
cis-1,3-Dichloropropene
Concen: 48.300 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Tgt Ion: 75 Resp: 461304
Ion Ratio Lower Upper
75 100
77 31.8 24.7 37.1
39 59.8 47.2 70.8





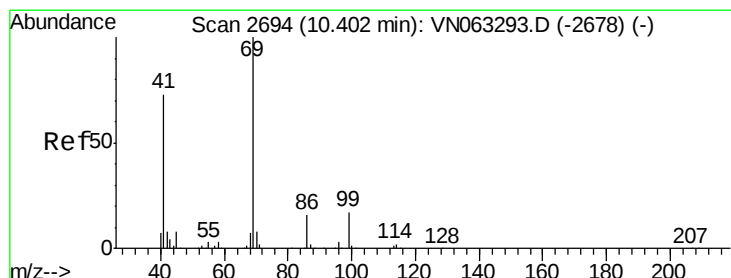
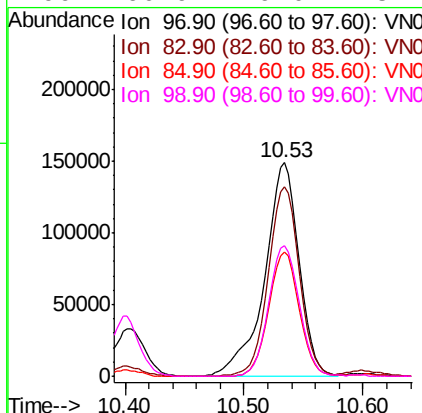
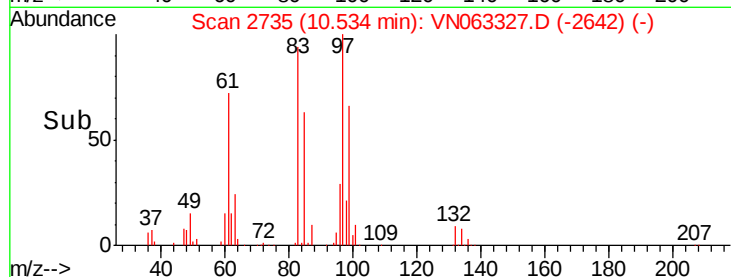
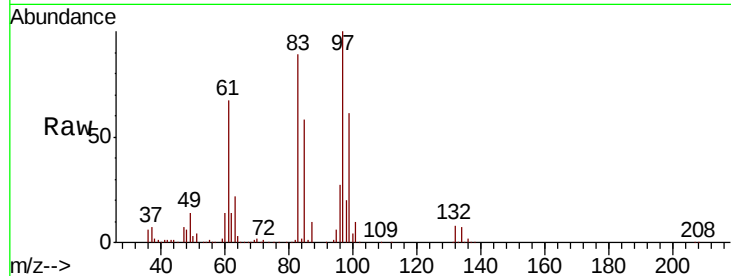
#55
 1,1,2-Trichloroethane
 Concen: 56.552 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

Instrument :
 MSVOA_N
 ClientSampleId :
 FC-MW03SR1-20200910MS

Tot Ion:	97	Resp:	296915
Ion	Ratio	Lower	Upper
97	100		
83	89.0	70.8	106.2
85	58.2	45.6	68.4
99	60.9	49.0	73.4

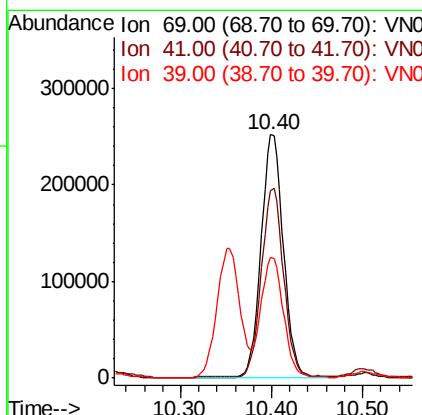
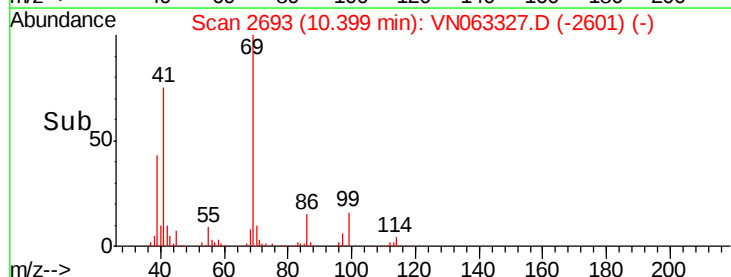
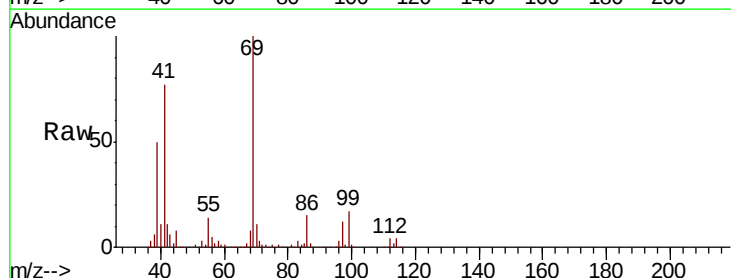
Manual Integrations
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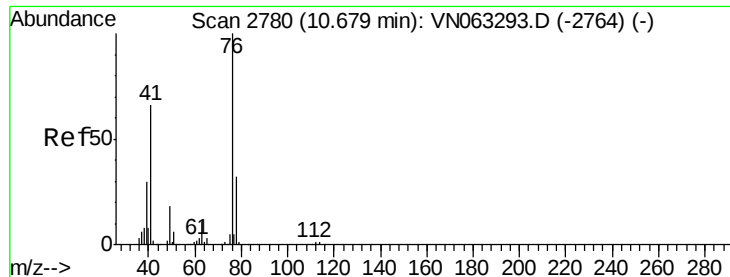
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#56
 Ethyl methacrylate
 Concen: 54.009 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

Tgt Ion:	69	Resp:	431209
Ion	Ratio	Lower	Upper
69	100		
41	76.4	58.4	87.6
39	50.4	38.6	58.0





#57

1,3-Dichloropropane

Concen: 49.879 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

FC-MW03SR1-20200910MS

Tot Ion: 76 Resp: 457614

Ion Ratio Lower Upper

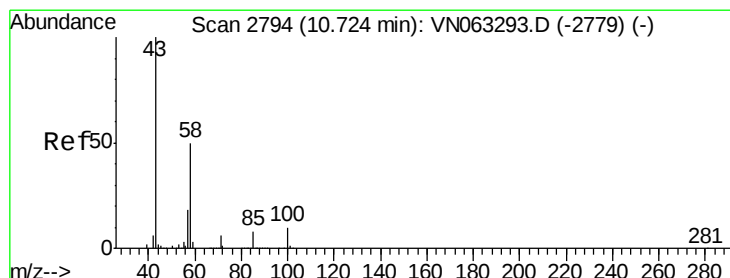
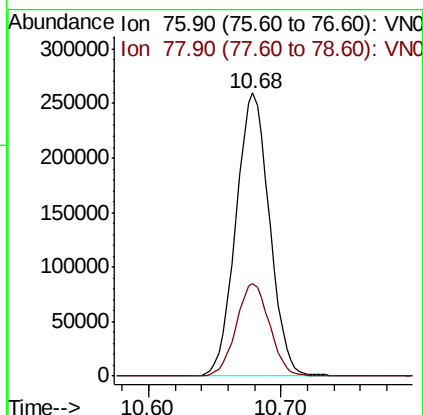
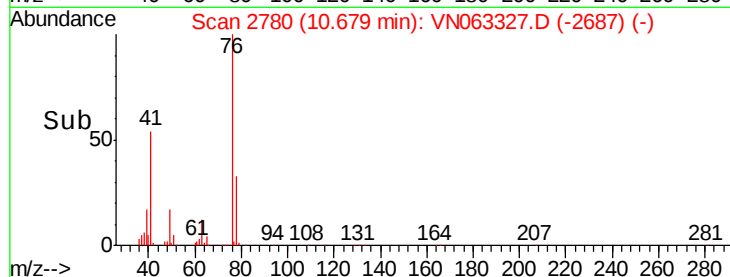
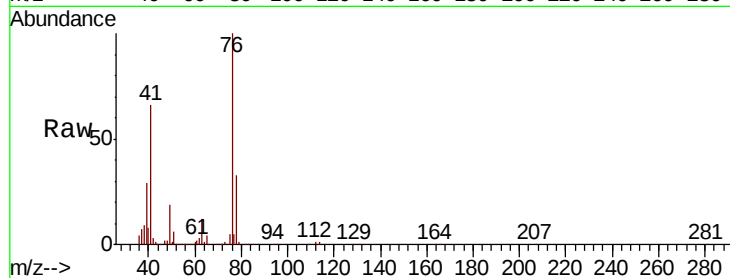
76 100

78 32.6 25.7 38.5

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#59

2-Hexanone

Concen: 261.191 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. -0.00 min

Lab File: VN063327.D

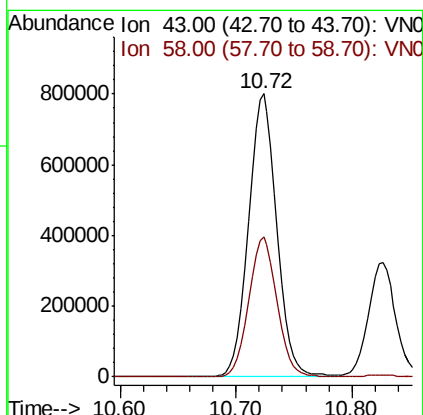
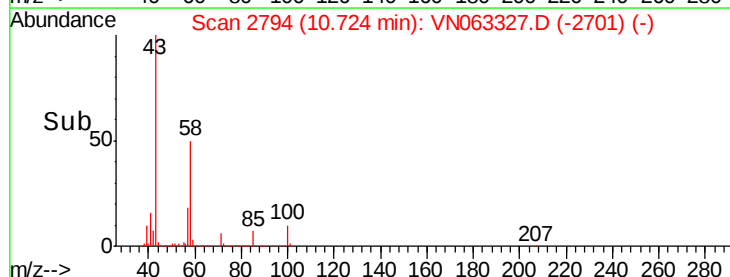
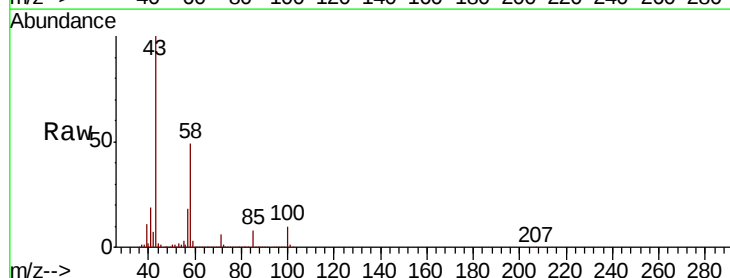
Acq: 11 Sep 2020 20:18

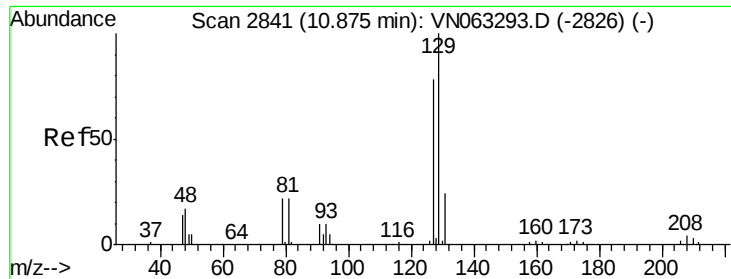
Tgt Ion: 43 Resp: 1358950

Ion Ratio Lower Upper

43 100

58 49.7 25.1 75.3





#60

Dibromochloromethane

Concen: 51.102 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

FC-MW03SR1-20200910MS

Tot Ion:129 Resp: 294622

Ion Ratio Lower Upper

129 100

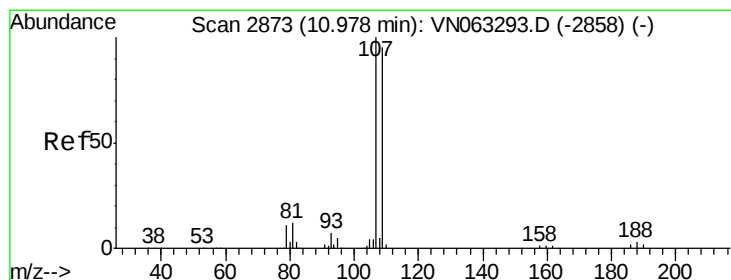
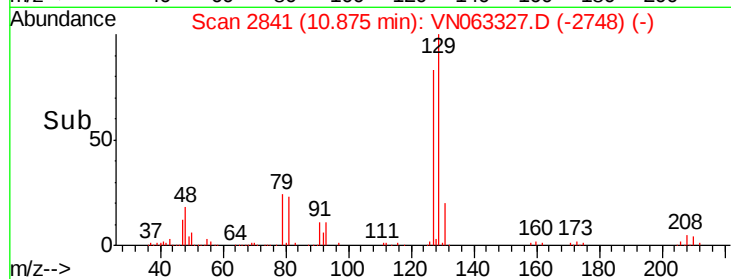
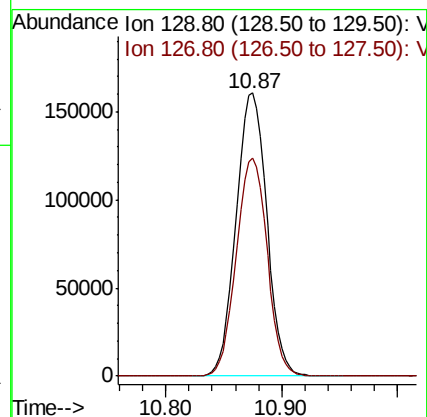
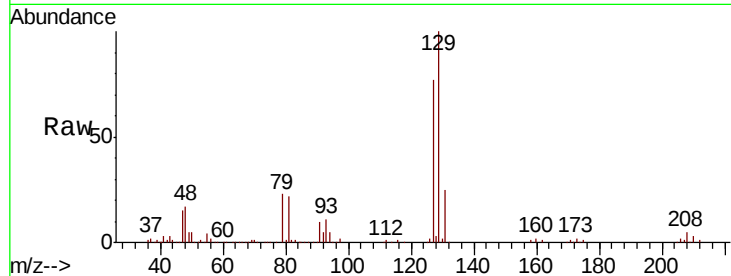
127 77.4 39.0 117.0

Manual Integrations

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#61

1,2-Dibromoethane

Concen: 49.969 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063327.D

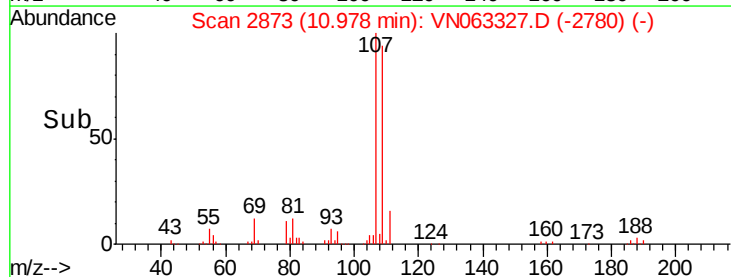
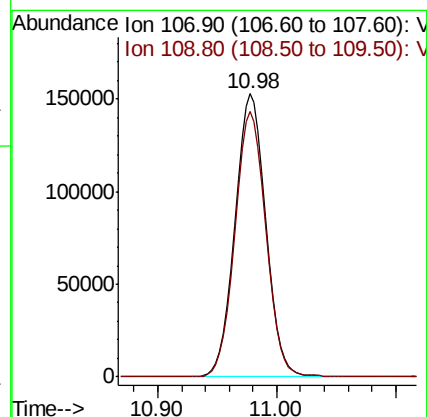
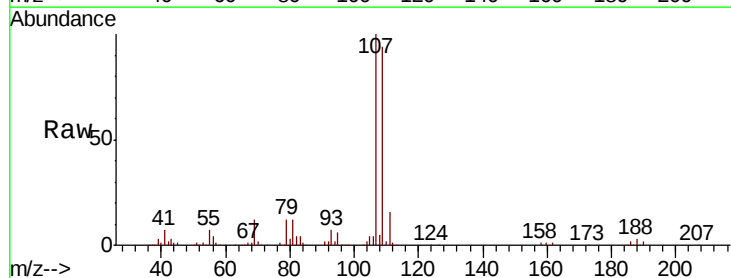
Acq: 11 Sep 2020 20:18

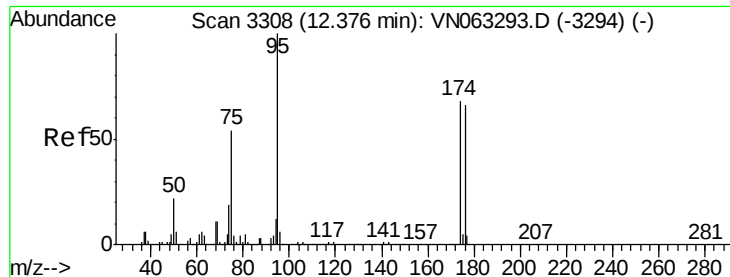
Tgt Ion:107 Resp: 273502

Ion Ratio Lower Upper

107 100

109 94.4 75.5 113.3





#62

4-Bromofluorobenzene

Concen: 53.192 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

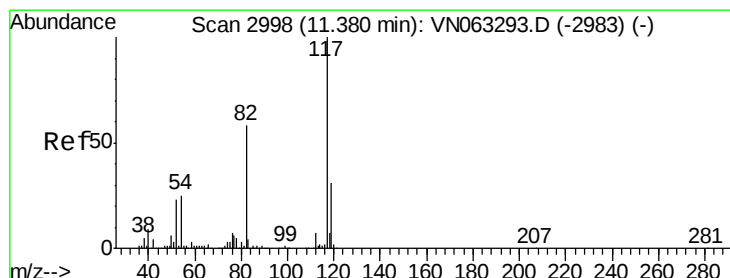
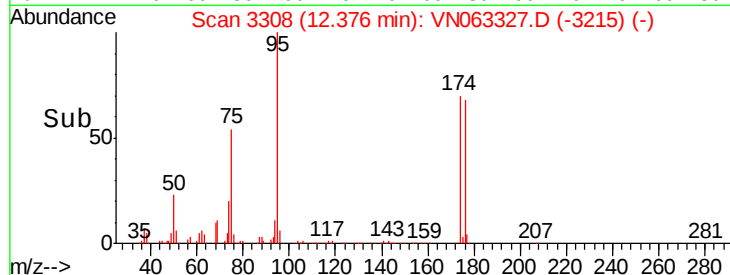
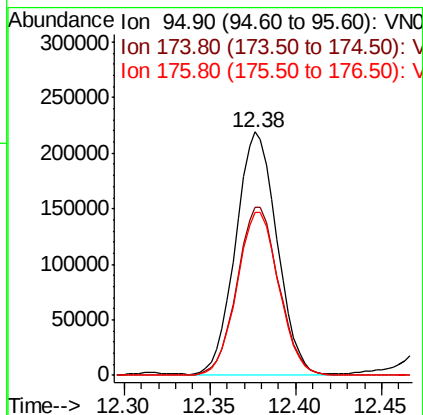
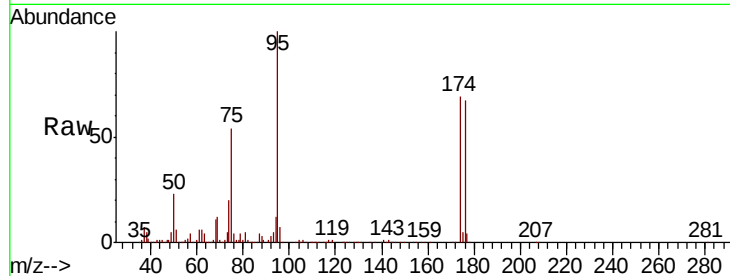
ClientSampleId :

FC-MW03SR1-20200910MS

Tot Ion:	95	Resp:	363073
Ion Ratio	Lower	Upper	
95	100		
174	70.3	0.0	136.6
176	68.3	0.0	132.8

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

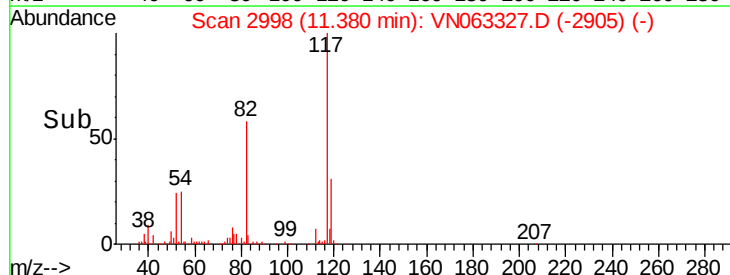
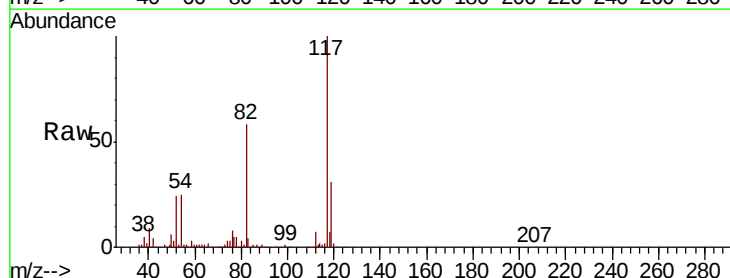
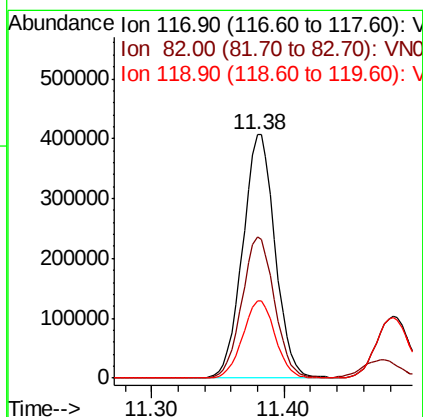
RT: 11.38 min Scan# 2998

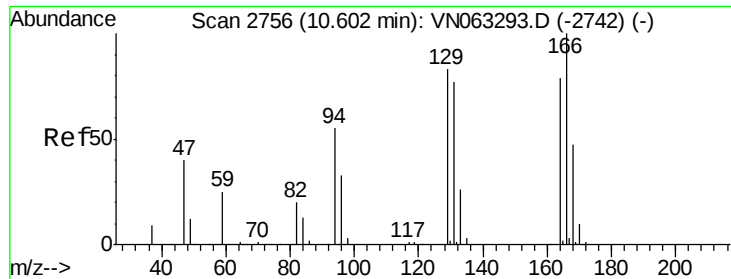
Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Tgt Ion:	117	Resp:	687281
Ion Ratio	Lower	Upper	
117	100		
82	58.1	46.4	69.6
119	31.5	24.8	37.2





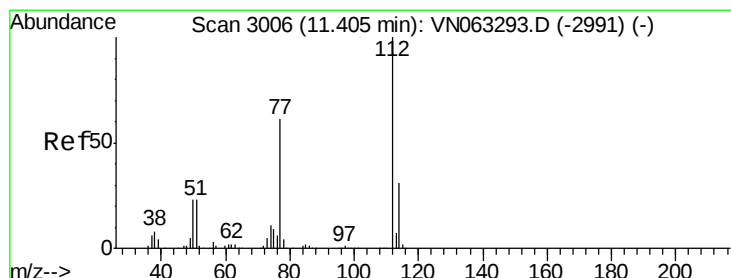
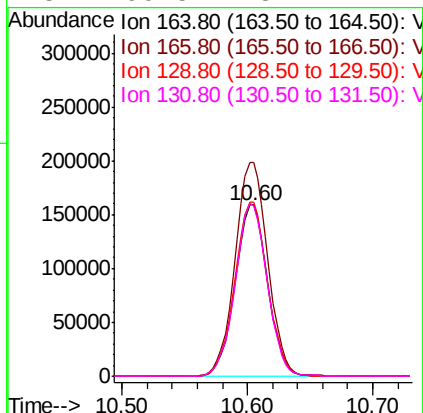
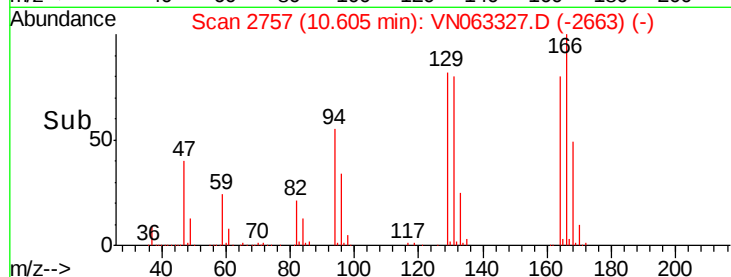
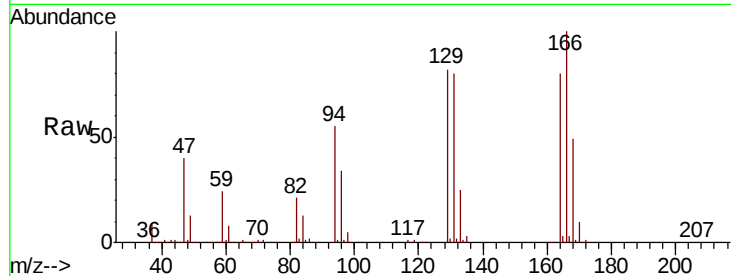
#64
Tetrachloroethene
Concen: 50.733 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Instrument :
MSVOA_N
ClientSampleId :
FC-MW03SR1-20200910MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	124.5	101.3	151.9
129	101.9	83.7	125.5
131	99.5	78.2	117.4

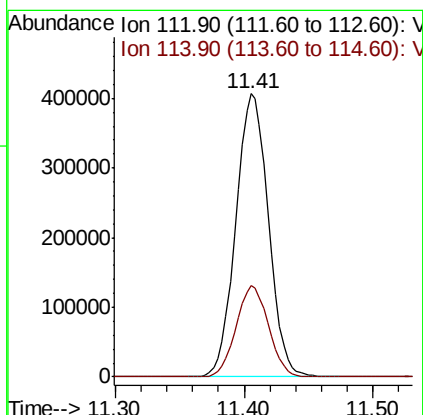
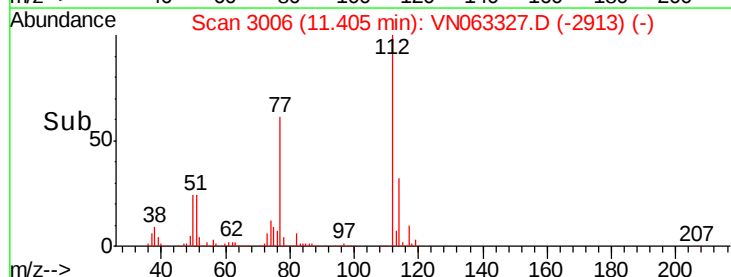
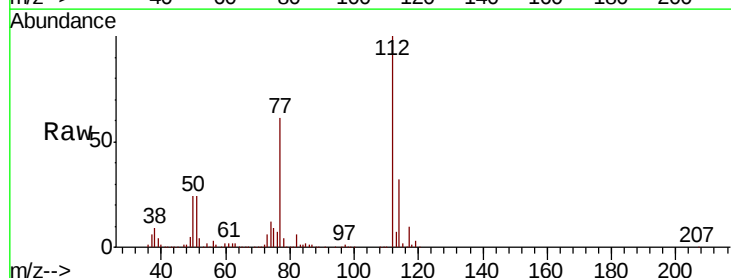
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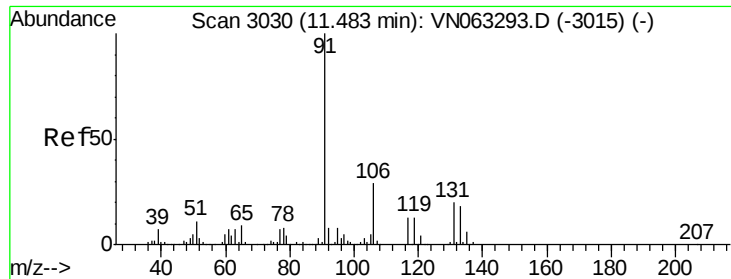
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#65
Chlorobenzene
Concen: 48.275 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.1	24.6	36.8





#66

1,1,1,2-Tetrachloroethane

Concen: 48.422 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

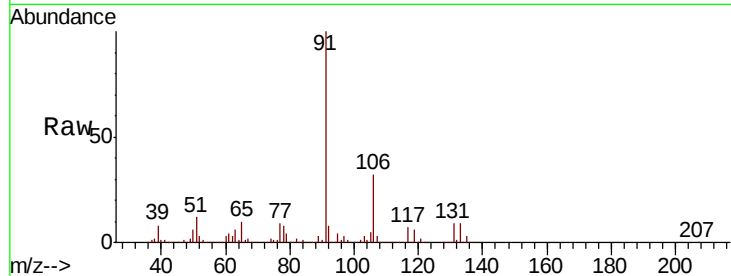
ClientSampleId :

FC-MW03SR1-20200910MS

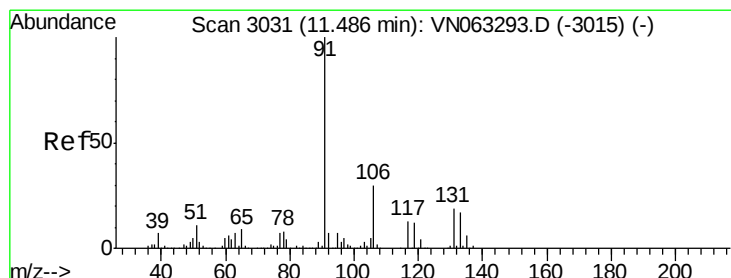
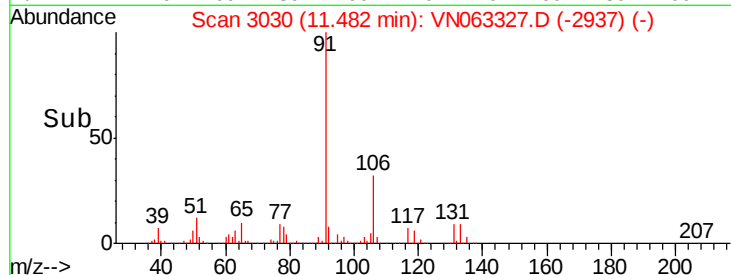
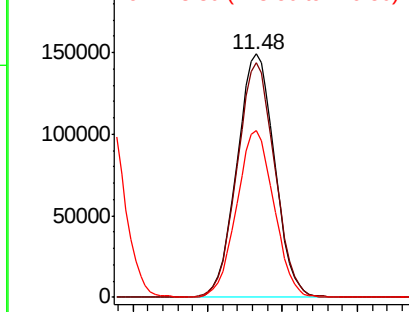
Tot Ion:	131	Resp:	261032
Ion Ratio	Lower	Upper	
131	100		
133	96.6	47.4	142.2
119	68.0	33.8	101.3

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Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 101.839 ug/l

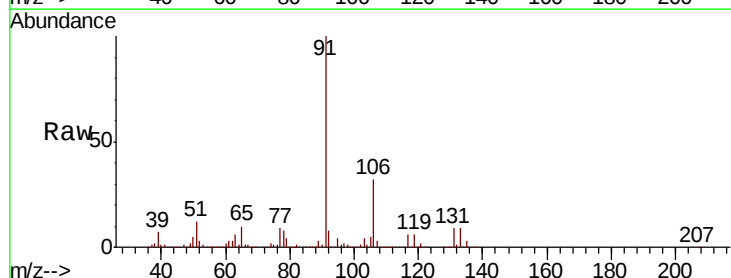
RT: 11.49 min Scan# 3031

Delta R.T. -0.00 min

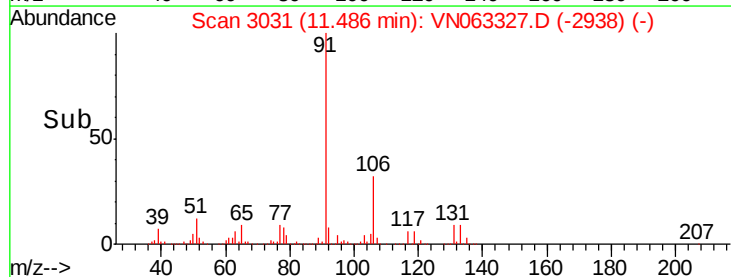
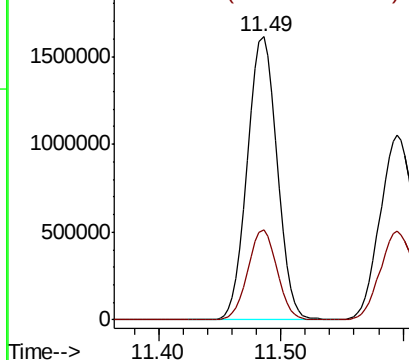
Lab File: VN063327.D

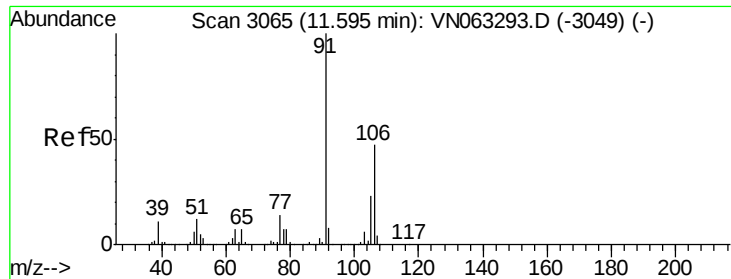
Acq: 11 Sep 2020 20:18

Tgt Ion:	91	Resp:	2705101
Ion Ratio	Lower	Upper	
91	100		
106	31.8	23.8	35.6



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 106.00 (105.70 to 106.70): V





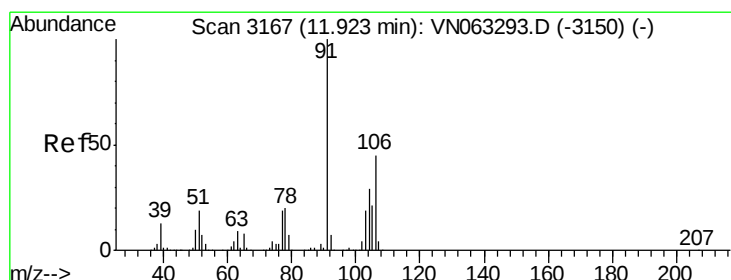
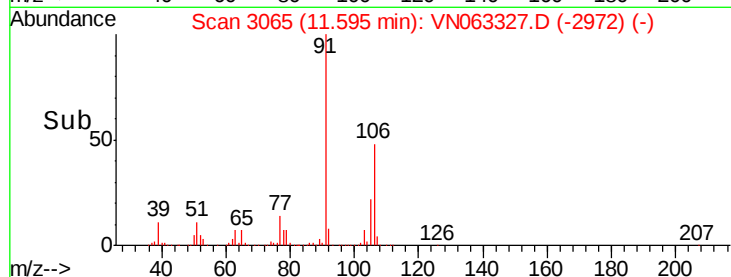
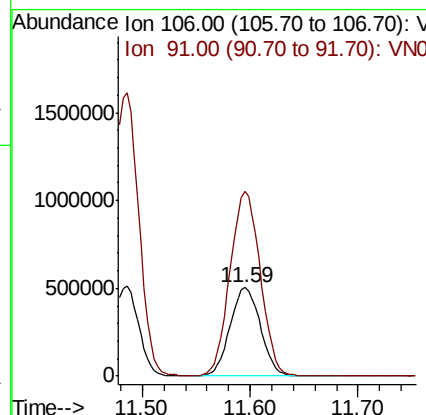
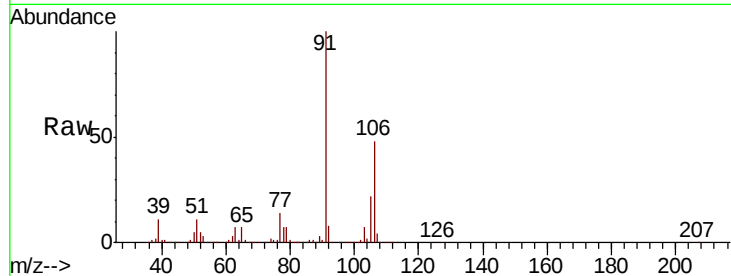
#68
m/p-Xylenes
Concen: 100.466 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Instrument :
MSVOA_N
ClientSampleId :
FC-MW03SR1-20200910MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		987132		
91	209.4	169.8	254.8		

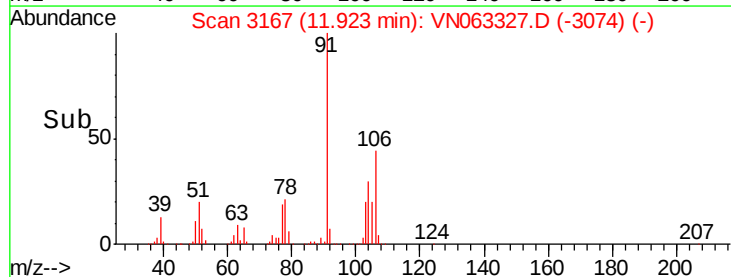
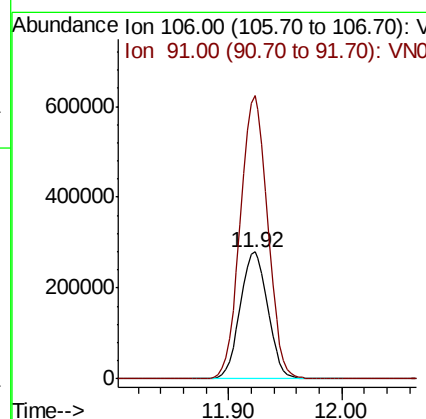
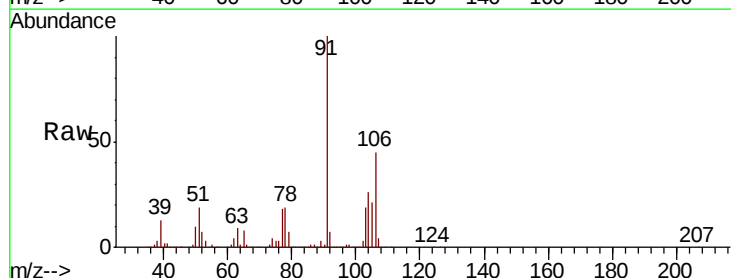
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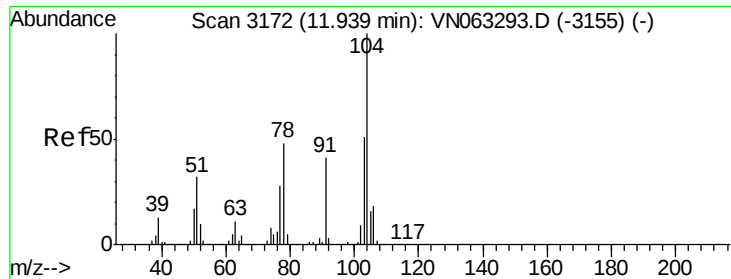
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#69
o-Xylene
Concen: 50.584 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		476978		
91	220.9	111.5	334.4		





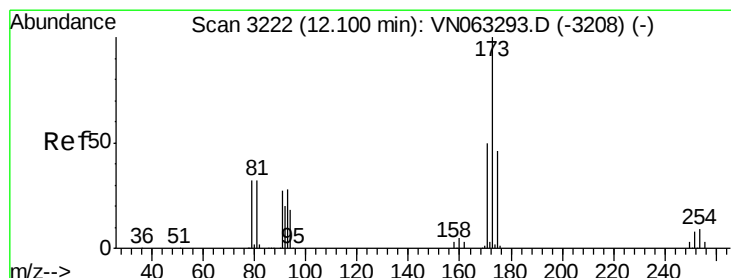
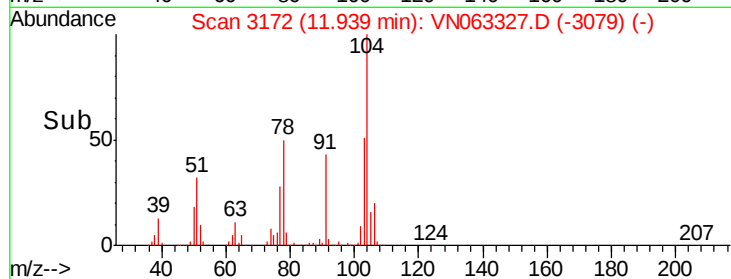
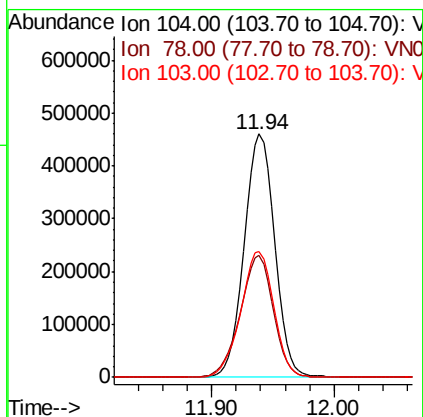
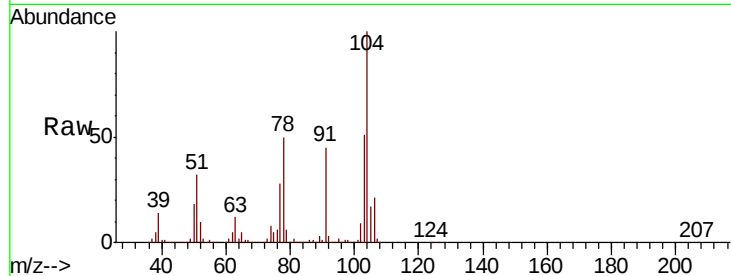
#70
Stvrene
Concen: 50.514 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Instrument :
MSVOA_N
ClientSampleId :
FC-MW03SR1-20200910MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	54.5	42.9	64.3
103	56.3	44.2	66.2

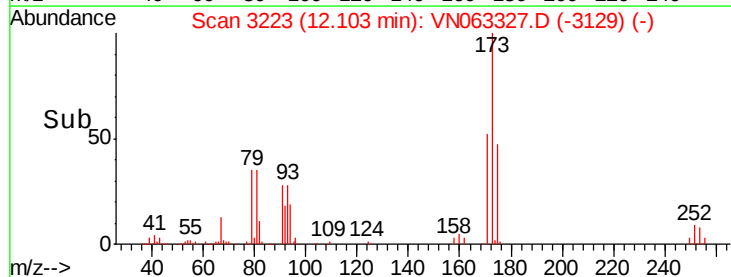
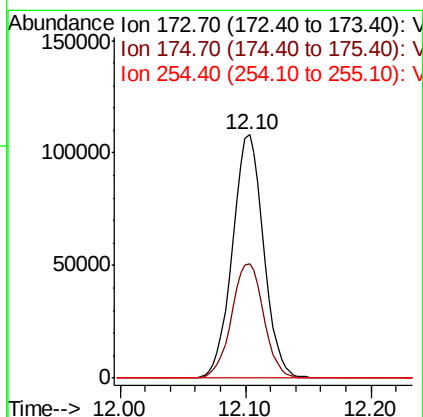
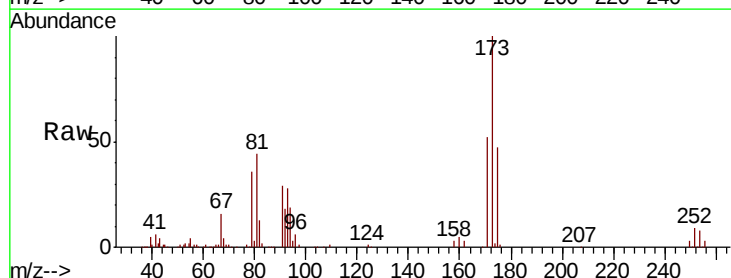
Manual Integrations
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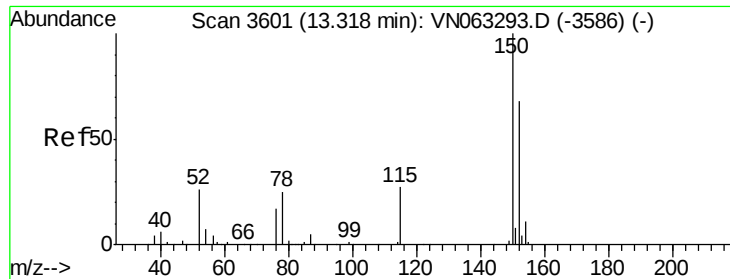
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#71
Bromoform
Concen: 49.984 ug/l
RT: 12.10 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN063327.D
Acq: 11 Sep 2020 20:18

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.6	23.8	71.5
254	0.2	0.0	0.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

FC-MW03SR1-20200910MS

Tot Ion:152 Resp: 326424

Ion Ratio Lower Upper

152 100

115 63.4 31.5 94.5

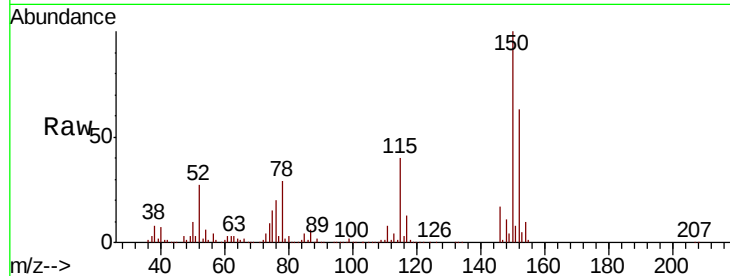
150 173.4 0.0 344.0

Manual Integrations

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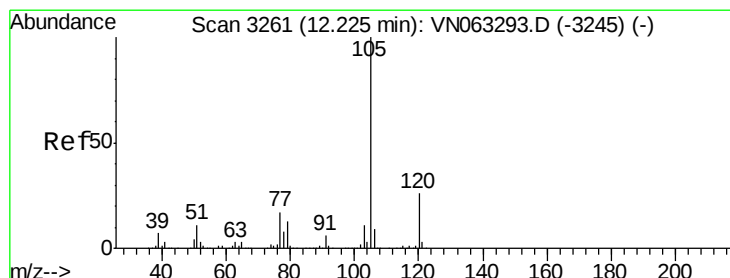
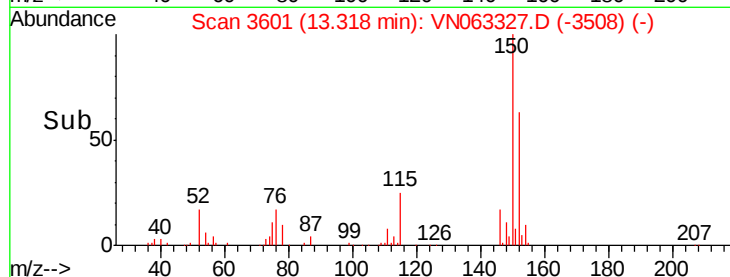
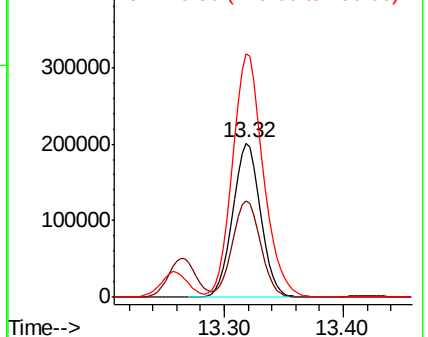


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 67.567 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063327.D

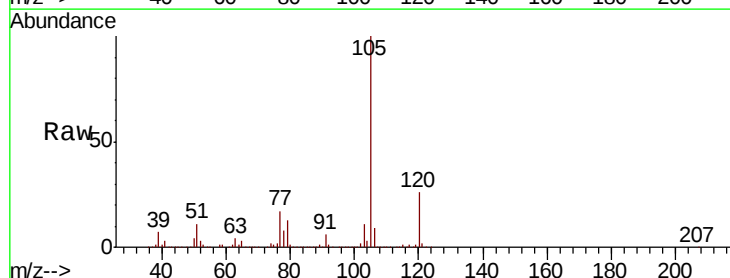
Acq: 11 Sep 2020 20:18

Tgt Ion:105 Resp: 1778983

Ion Ratio Lower Upper

105 100

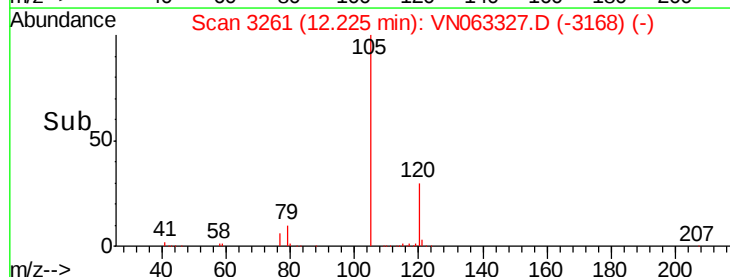
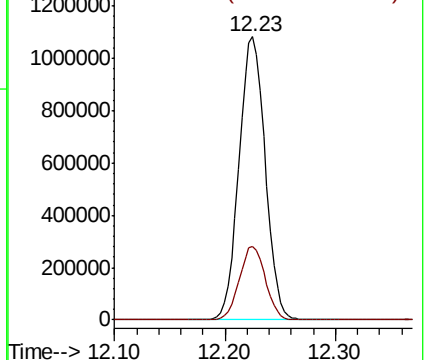
120 25.8 13.0 38.9

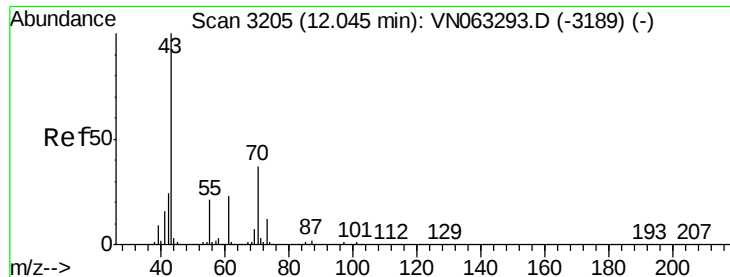


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 50.465 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

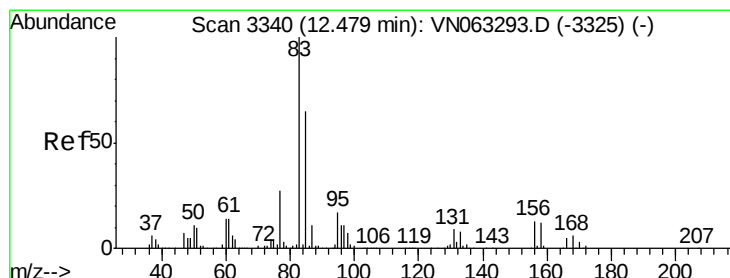
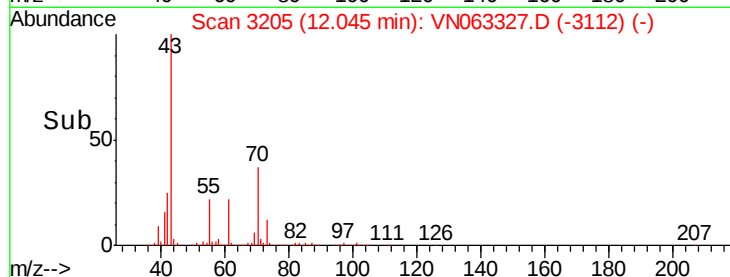
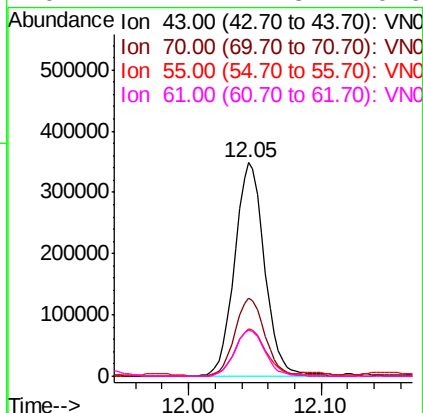
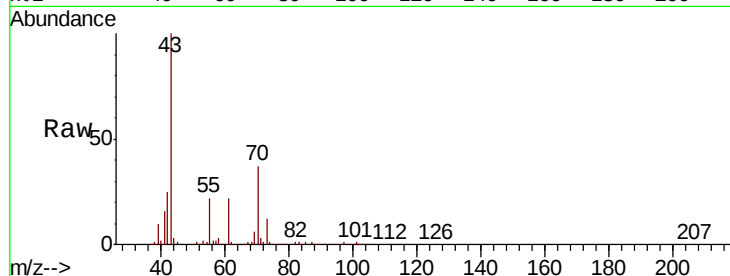
ClientSampleId :

FC-MW03SR1-20200910MS

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	36.8	29.3	43.9	
55	22.8	17.0	25.6	
61	22.2	17.8	26.6	

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#75

1,1,2,2-Tetrachloroethane

Concen: 47.384 ug/l

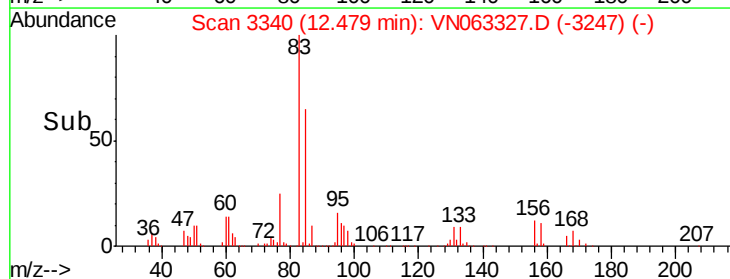
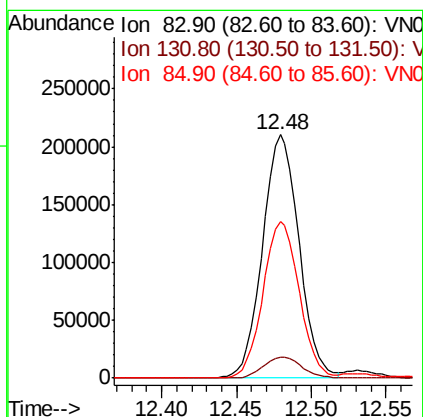
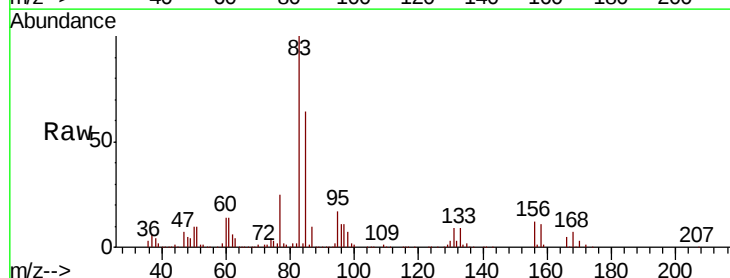
RT: 12.48 min Scan# 3340

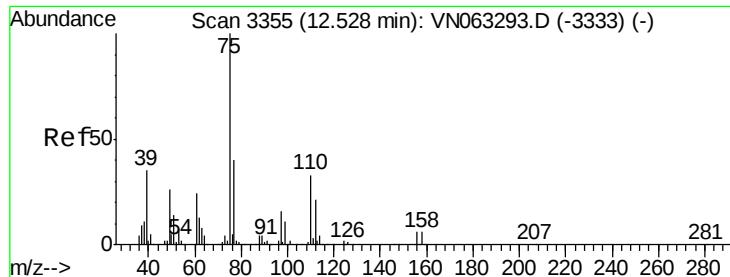
Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	9.2	4.7	14.1	
85	63.5	32.0	96.2	





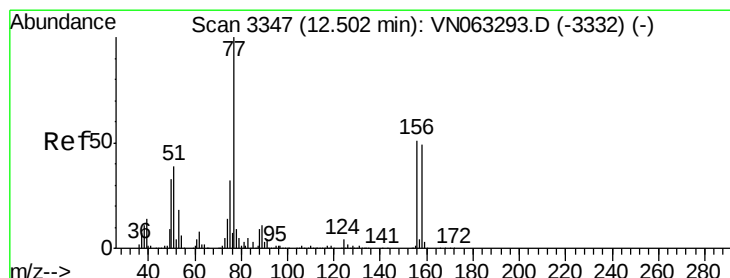
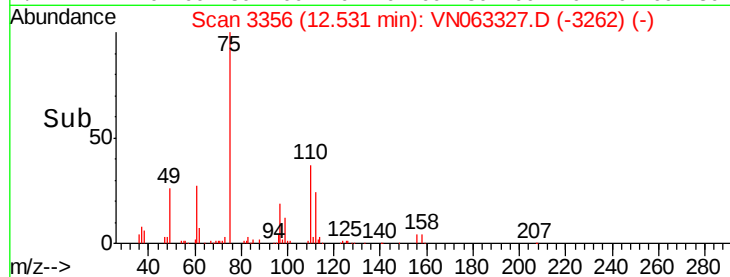
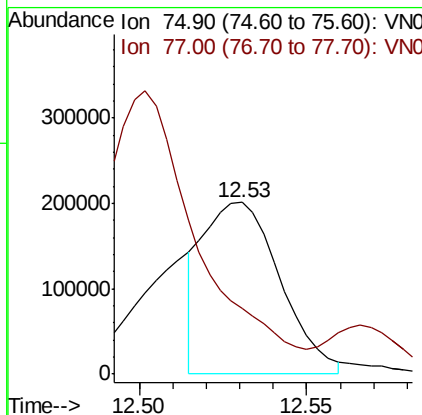
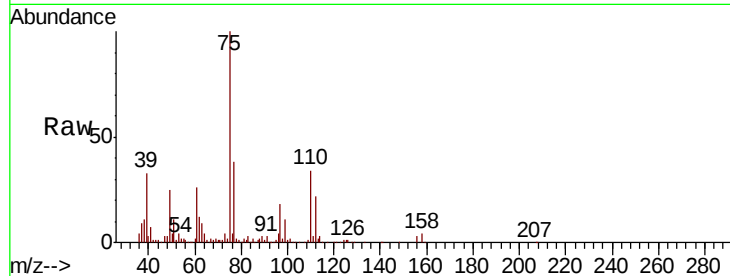
#76
 1,2,3-Trichloropropane
 Concen: 44.980 ug/l m
 RT: 12.53 min Scan# 3356
 Delta R.T. 0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

Instrument :
 MSVOA_N
 ClientSampleId :
 FC-MW03SR1-20200910MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

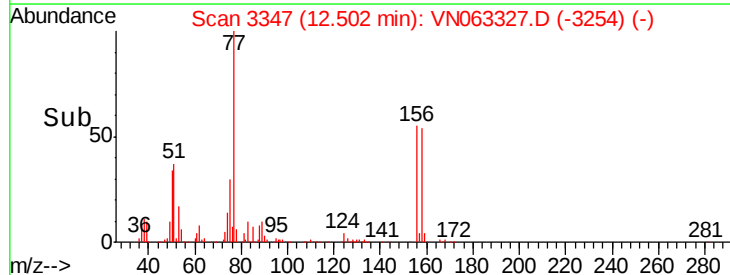
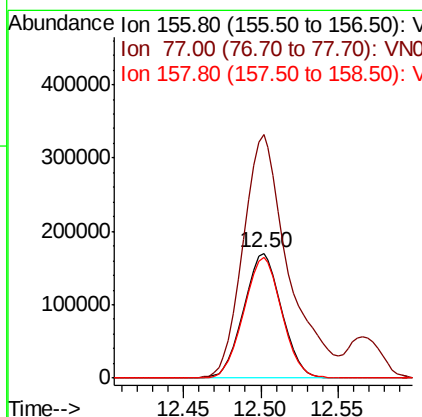
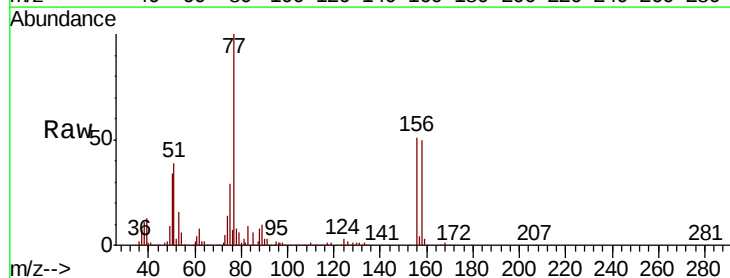
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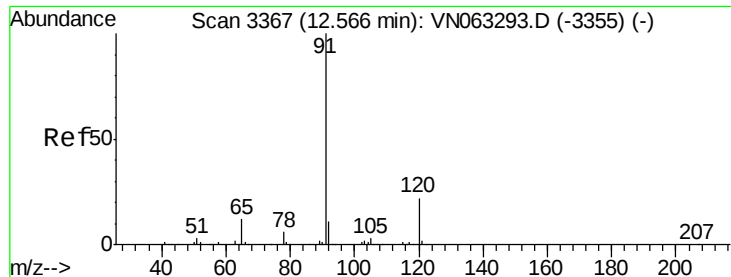
MMDadoda
 9/14/2020 12:08:31 PM



#77
 Bromobenzene
 Concen: 48.000 ug/l
 RT: 12.50 min Scan# 3347
 Delta R.T. -0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

Tgt Ion	Ratio	Lower	Upper
156	100		
77	231.6	117.4	352.2
158	97.0	48.8	146.4





#78

n-propylbenzene

Concen: 71.219 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

FC-MW03SR1-20200910MS

Tot Ion: 91 Resp: 2130216

Ion Ratio Lower Upper

91 100

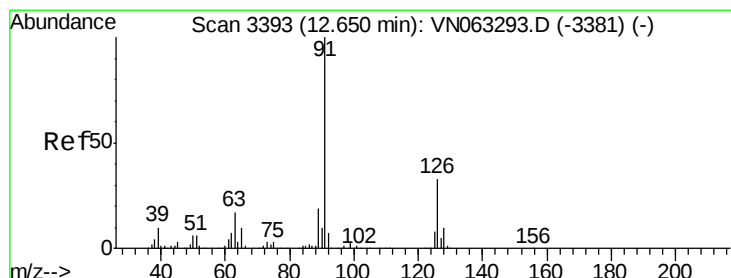
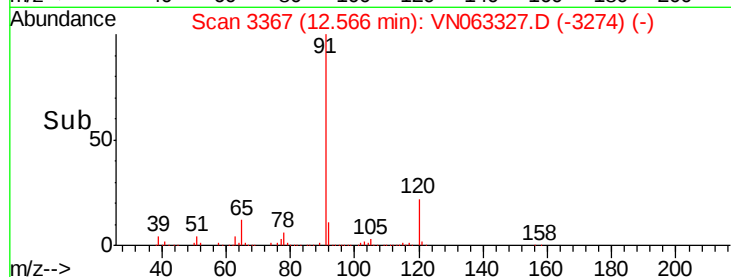
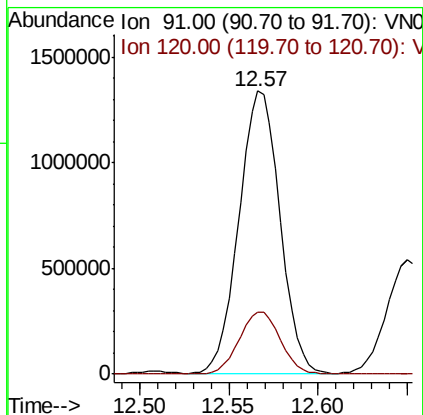
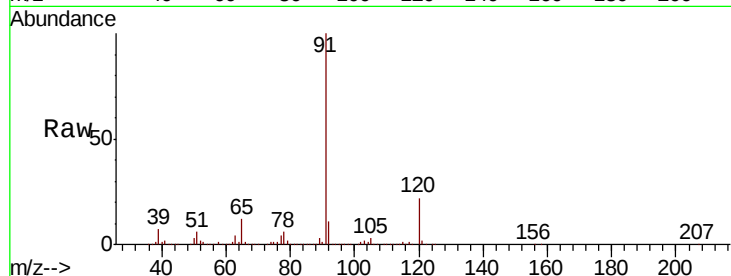
120 22.2 11.1 33.3

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#79

2-Chlorotoluene

Concen: 47.825 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063327.D

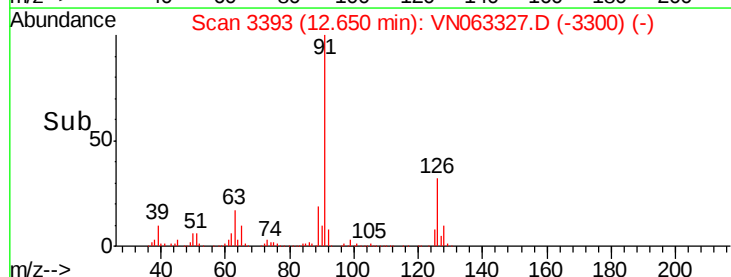
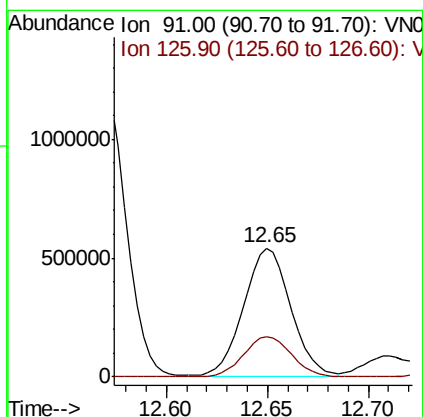
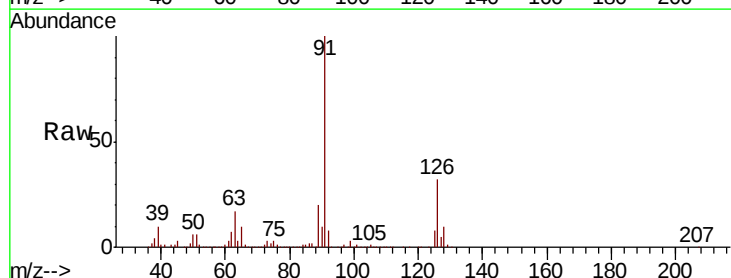
Acq: 11 Sep 2020 20:18

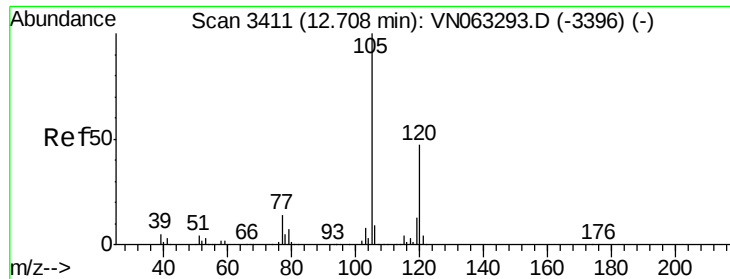
Tgt Ion: 91 Resp: 879562

Ion Ratio Lower Upper

91 100

126 32.4 16.3 48.8





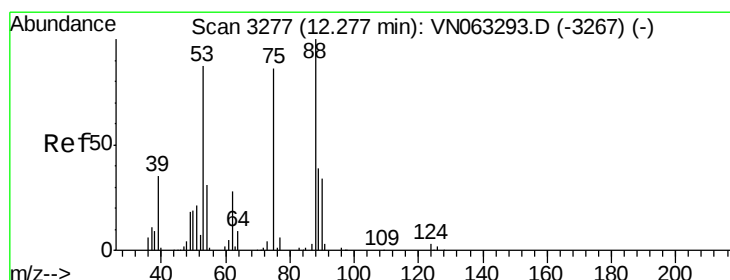
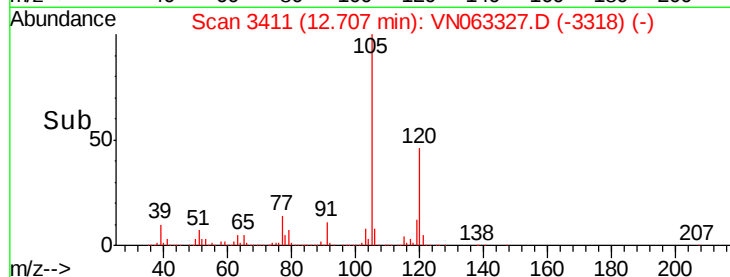
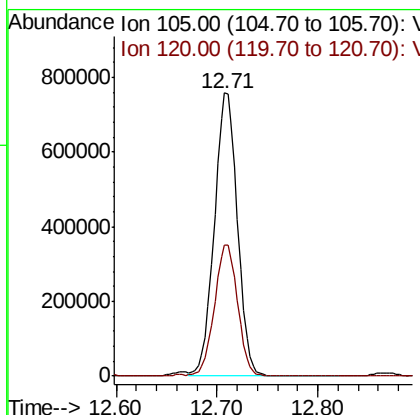
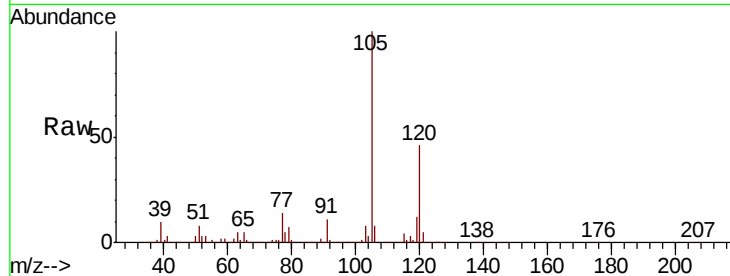
#80
 1,3,5-Trimethylbenzene
 Concen: 55.069 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

Instrument :
 MSVOA_N
 ClientSampleId :
 FC-MW03SR1-20200910MS

Tot Ion:105 Resp: 1203955
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.4 70.0

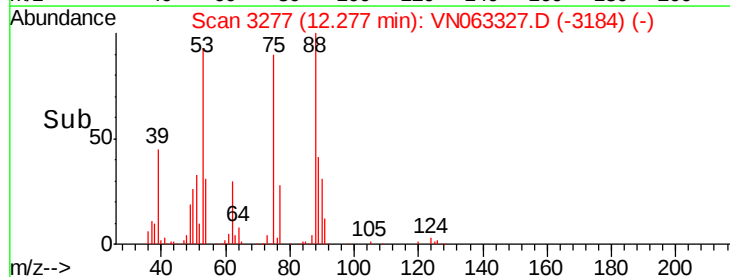
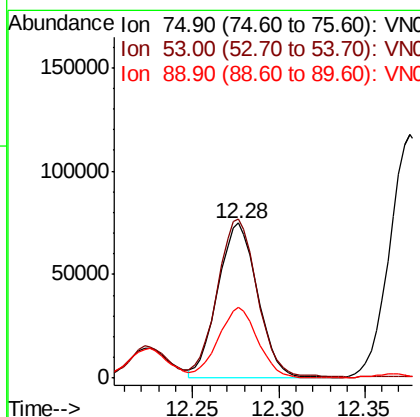
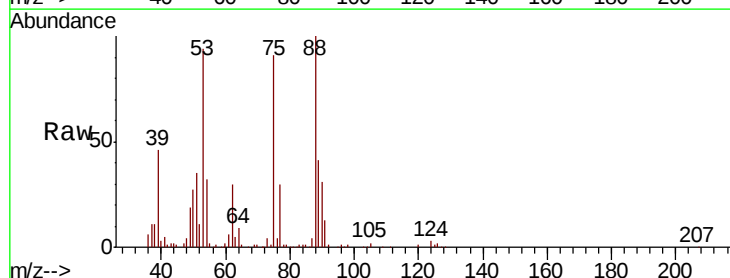
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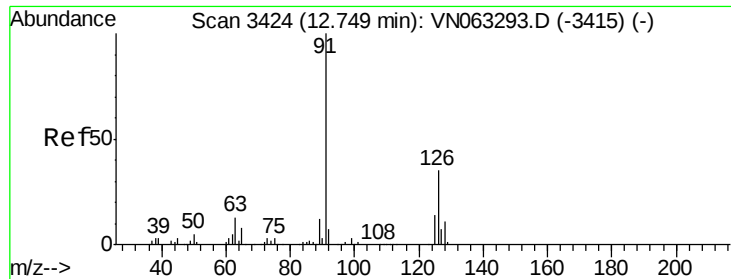
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 44.910 ug/l
 RT: 12.28 min Scan# 3277
 Delta R.T. -0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

Tgt Ion: 75 Resp: 120372
 Ion Ratio Lower Upper
 75 100
 53 104.1 81.8 122.8
 89 46.0 36.7 55.1





#82

4-Chlorotoluene

Concen: 47.881 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

FC-MW03SR1-20200910MS

Tot Ion: 91 Resp: 923084

Ion Ratio Lower Upper

91 100

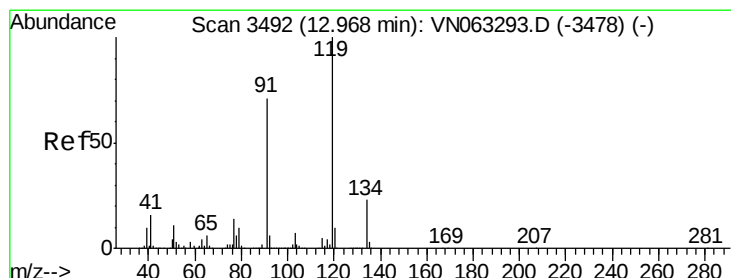
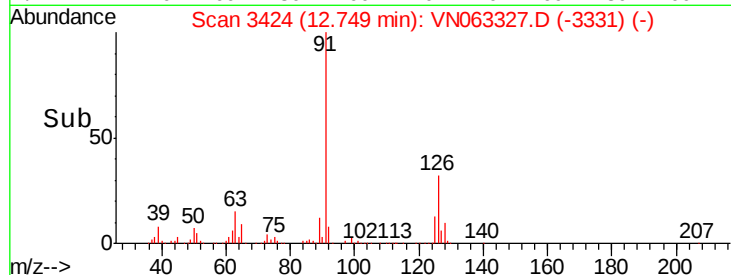
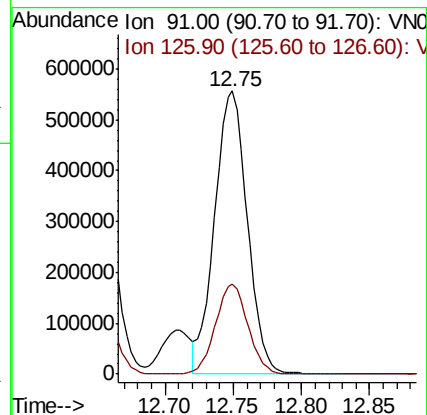
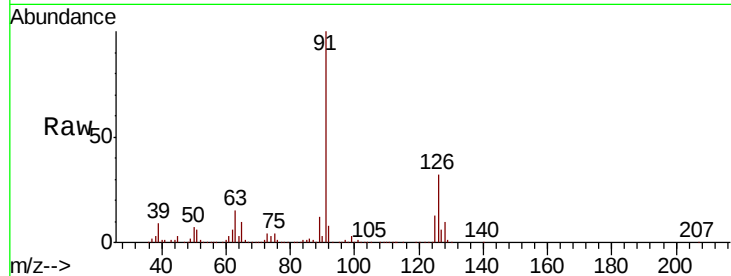
126 31.6 15.9 47.7

Manual Integrations

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#83

tert-Butylbenzene

Concen: 47.872 ug/l

RT: 12.97 min Scan# 3493

Delta R.T. 0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

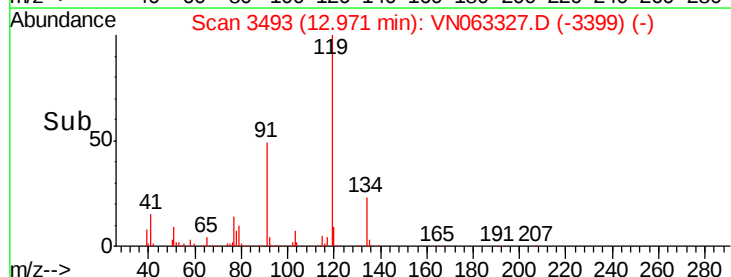
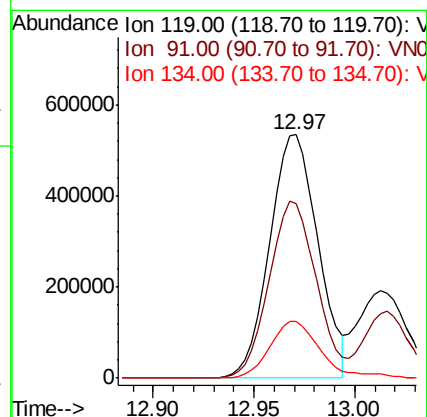
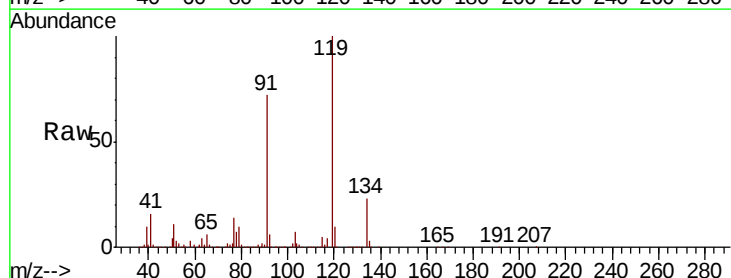
Tgt Ion: 119 Resp: 887608

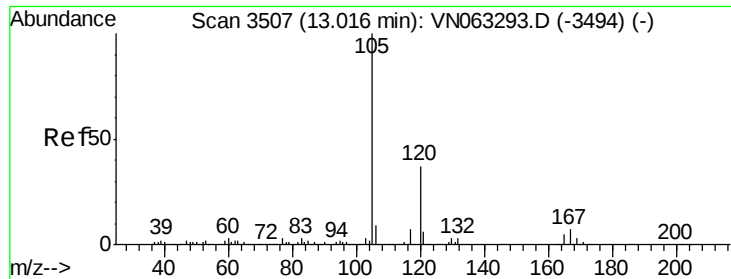
Ion Ratio Lower Upper

119 100

91 71.3 34.8 104.3

134 24.6 11.9 35.5





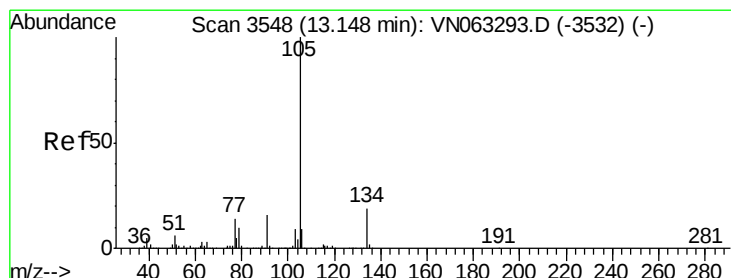
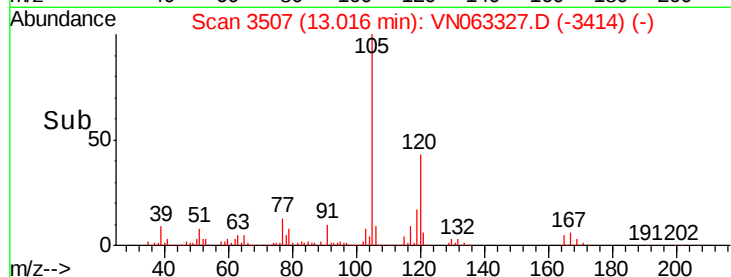
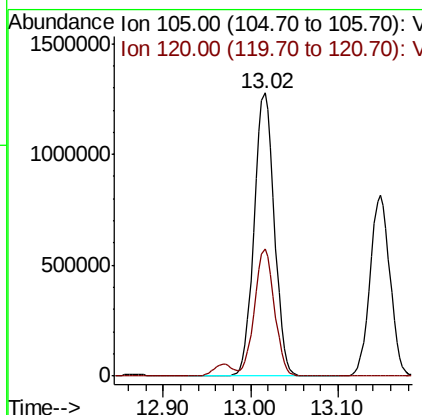
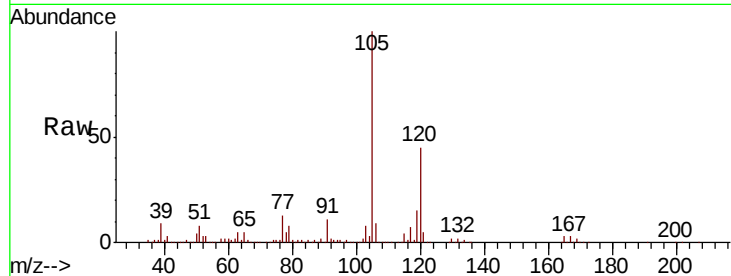
#84
 1,2,4-Trimethylbenzene
 Concen: 93.109 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. -0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

Instrument :
 MSVOA_N
 ClientSampleId :
 FC-MW03SR1-20200910MS

Tot Ion:105 Resp: 2051777
 Ion Ratio Lower Upper
 105 100
 120 44.2 21.8 65.4

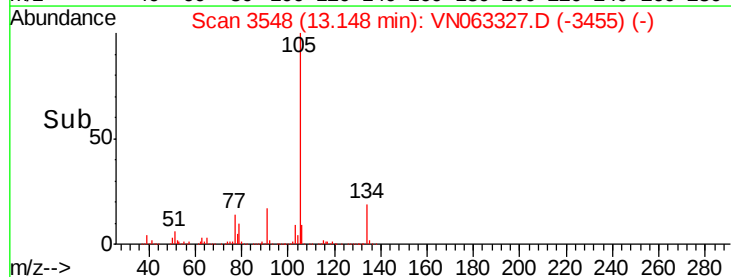
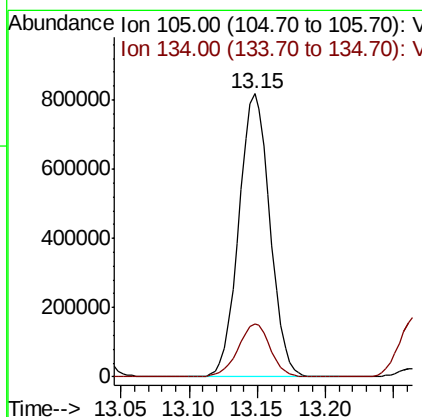
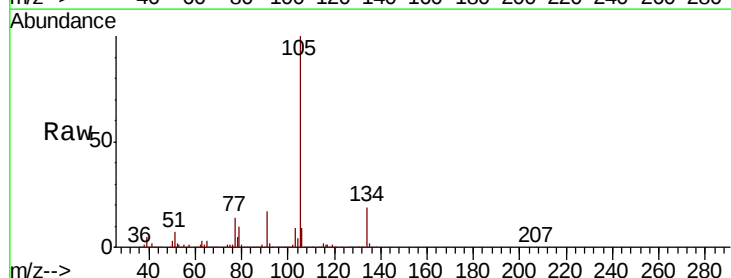
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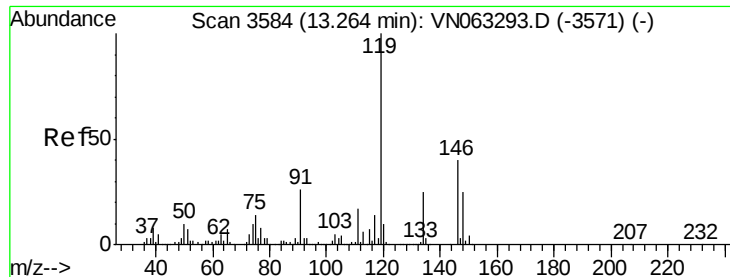
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#85
 sec-Butylbenzene
 Concen: 54.704 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. -0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

Tgt Ion:105 Resp: 1290435
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.4 28.3





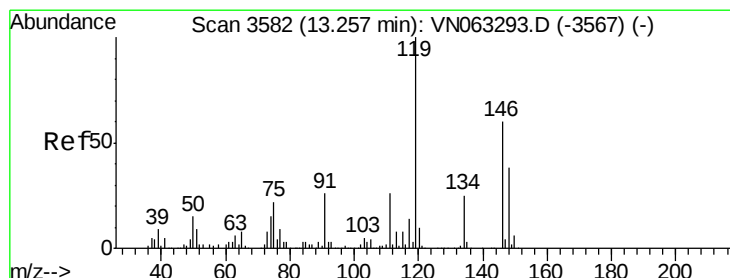
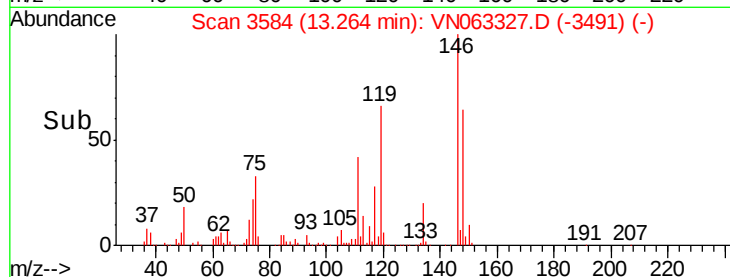
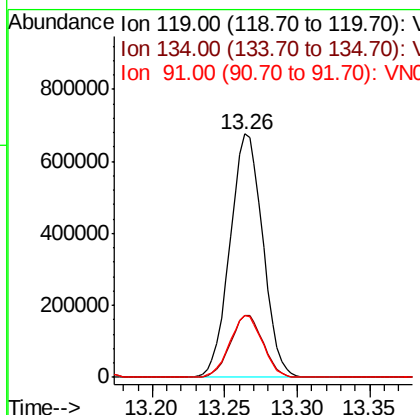
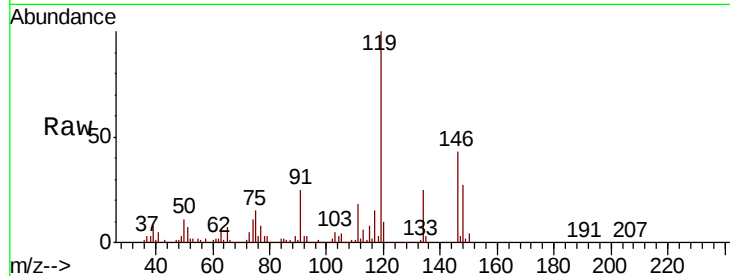
#86
 p-Isopropyltoluene
 Concen: 48.721 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

Instrument :
 MSVOA_N
 ClientSampleId :
 FC-MW03SR1-20200910MS

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

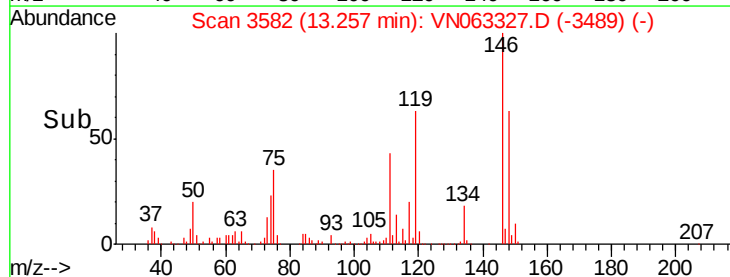
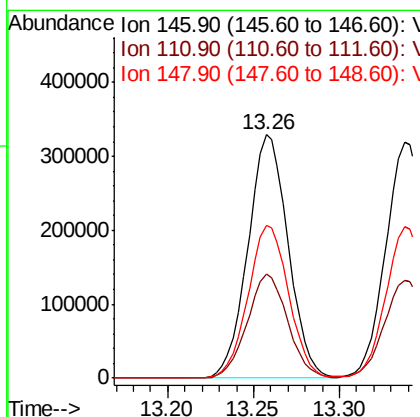
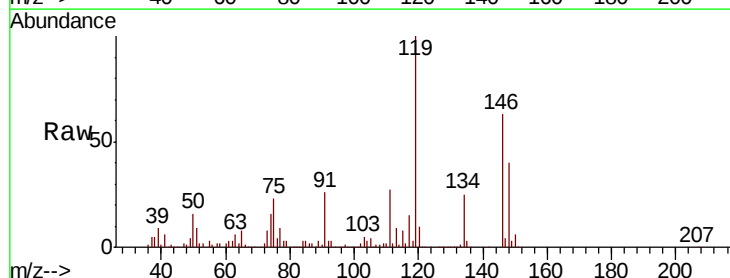
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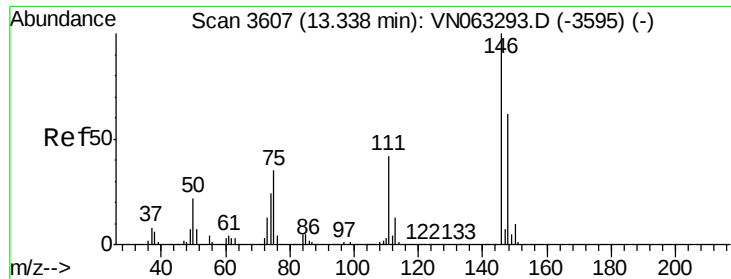
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#87
 1,3-Dichlorobenzene
 Concen: 48.239 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.8	65.4
148	63.1	31.8	95.4





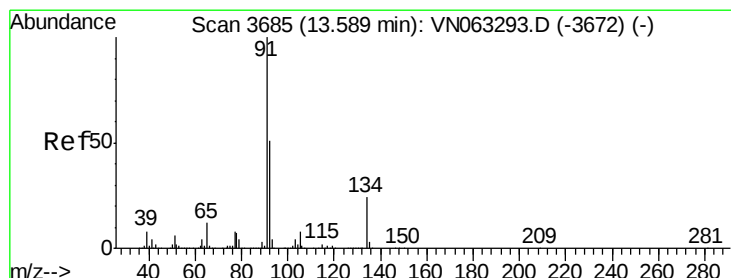
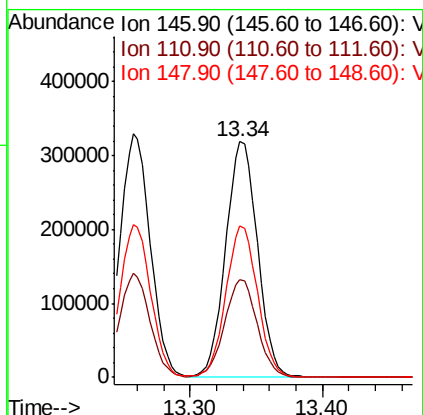
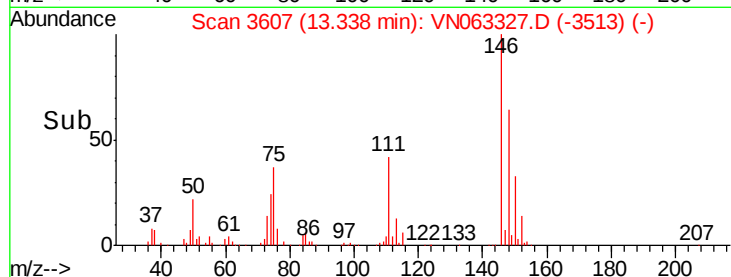
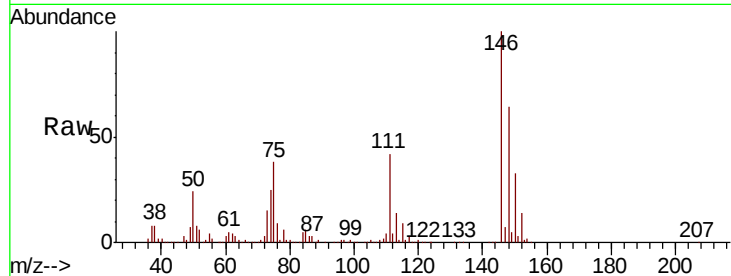
#88
 1,4-Dichlorobenzene
 Concen: 50.281 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

Instrument :
 MSVOA_N
 ClientSampleId :
 FC-MW03SR1-20200910MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.3	64.0
148	63.5	31.5	94.5

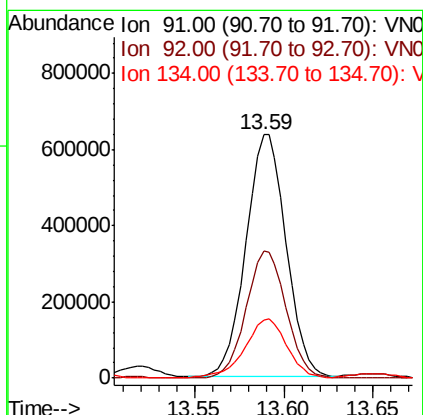
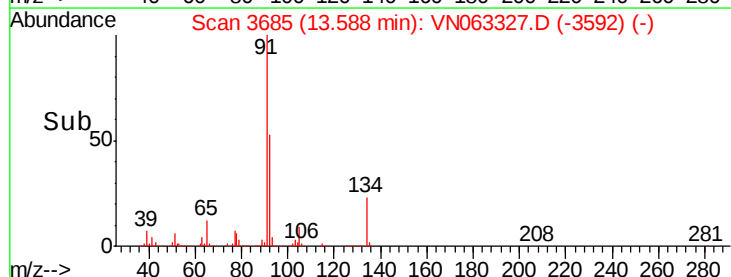
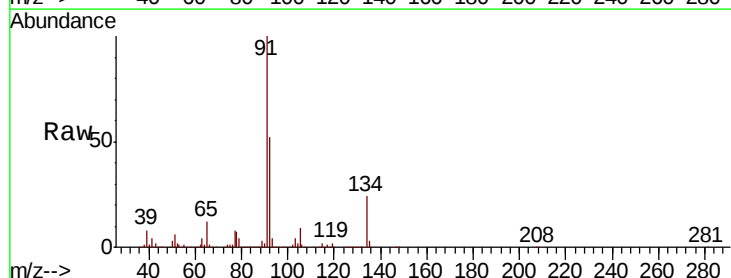
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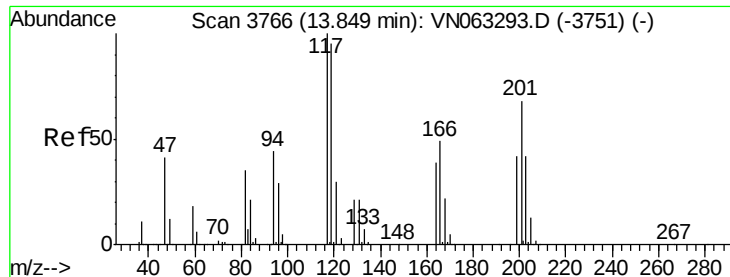
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#89
 n-Butylbenzene
 Concen: 51.562 ug/l
 RT: 13.59 min Scan# 3685
 Delta R.T. -0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.9	25.8	77.3
134	25.7	12.0	36.0





#90

Hexachloroethane

Concen: 59.315 ug/l

RT: 13.85 min Scan# 3767

Delta R.T. 0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

FC-MW03SR1-20200910MS

Tot Ion:117 Resp: 210999

Ion Ratio Lower Upper

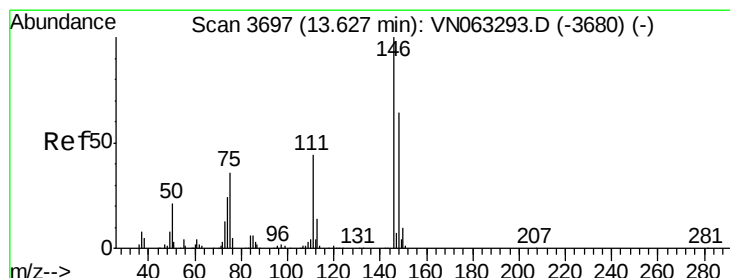
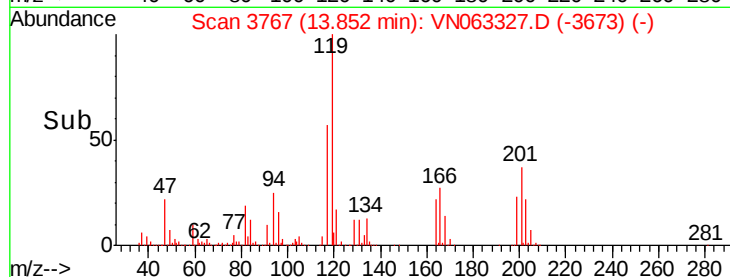
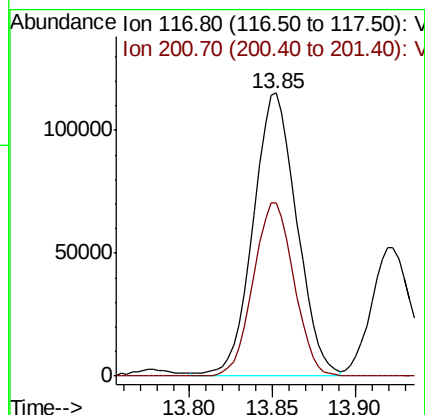
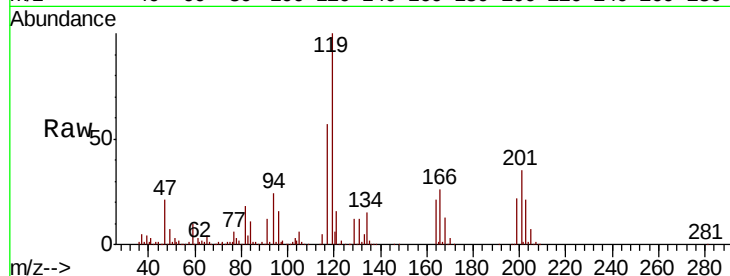
117 100

201 57.1 33.5 100.4

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#91

1,2-Dichlorobenzene

Concen: 49.728 ug/l

RT: 13.63 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

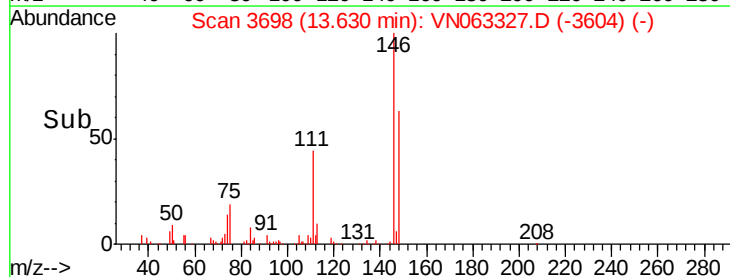
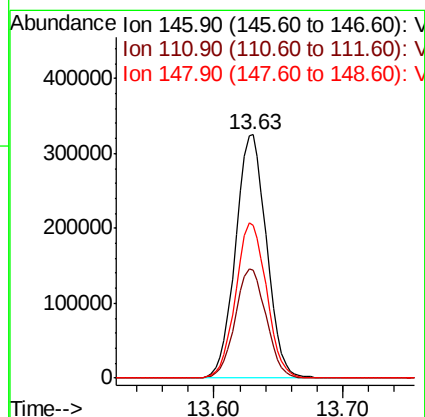
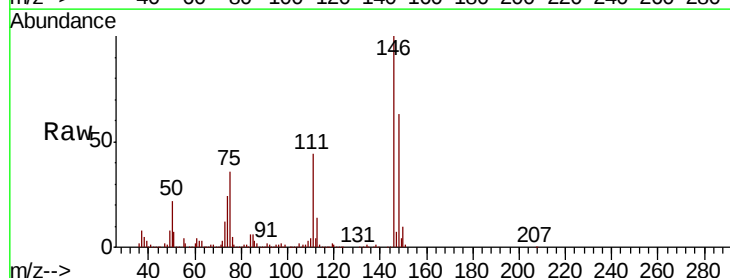
Tgt Ion:146 Resp: 543799

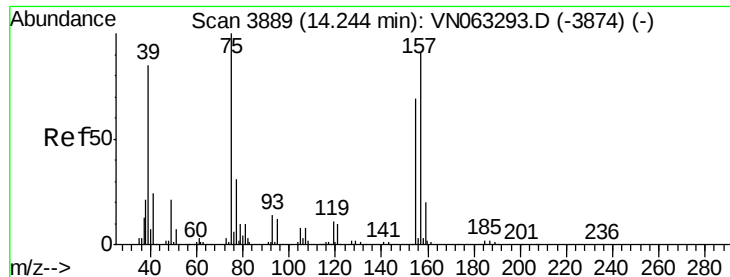
Ion Ratio Lower Upper

146 100

111 45.0 22.1 66.5

148 63.5 31.8 95.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 47.832 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

FC-MW03SR1-20200910MS

Tot Ion: 75 Resp: 82019

Ion Ratio Lower Upper

75 100

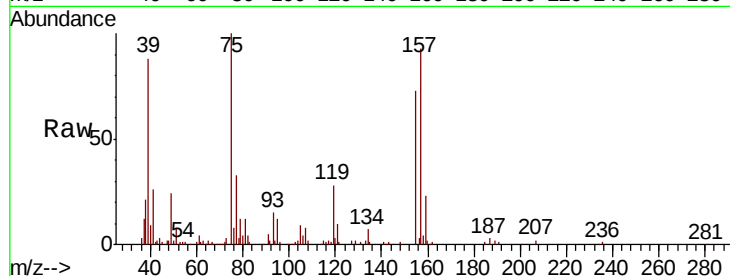
155 71.5 35.3 105.7

157 91.4 46.7 140.0

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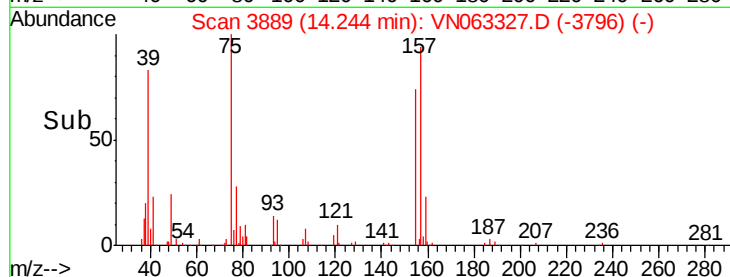
Abundance Ion 74.90 (74.60 to 75.60): VN063327.D (-3796) (-)

Ion 154.80 (154.50 to 155.50): VN063327.D (-3796) (-)

Ion 156.80 (156.50 to 157.50): VN063327.D (-3796) (-)

14.24

Time-->



Abundance

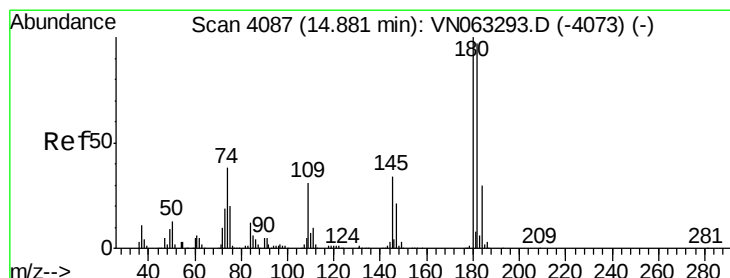
Ion 74.90 (74.60 to 75.60): VN063327.D (-3796) (-)

Ion 154.80 (154.50 to 155.50): VN063327.D (-3796) (-)

Ion 156.80 (156.50 to 157.50): VN063327.D (-3796) (-)

14.24

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 45.056 ug/l

RT: 14.88 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

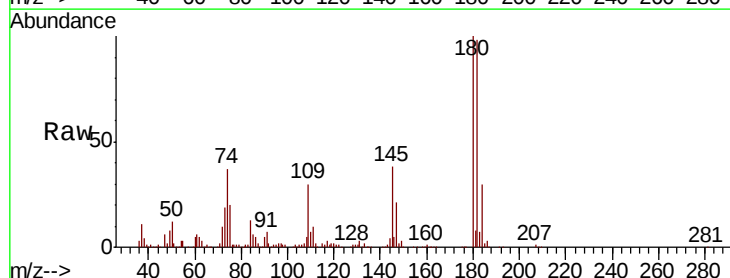
Tgt Ion: 180 Resp: 288396

Ion Ratio Lower Upper

180 100

182 96.3 48.0 144.2

145 44.3 16.6 49.8



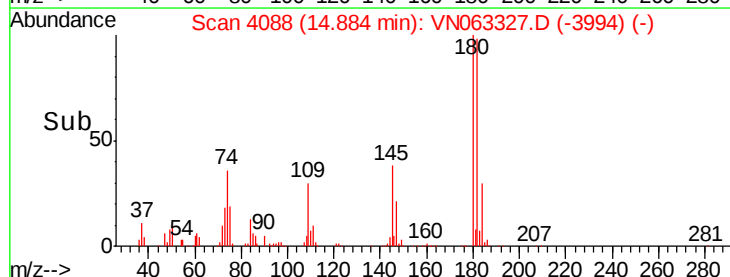
Abundance Ion 179.80 (179.50 to 180.50): VN063327.D (-3994) (-)

Ion 181.80 (181.50 to 182.50): VN063327.D (-3994) (-)

Ion 144.80 (144.50 to 145.50): VN063327.D (-3994) (-)

14.88

Time-->



Abundance

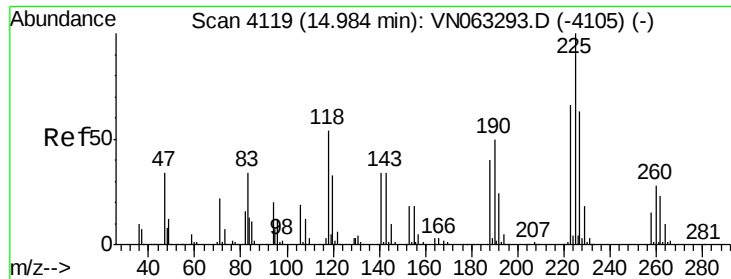
Ion 179.80 (179.50 to 180.50): VN063327.D (-3994) (-)

Ion 181.80 (181.50 to 182.50): VN063327.D (-3994) (-)

Ion 144.80 (144.50 to 145.50): VN063327.D (-3994) (-)

14.88

Time-->



#94

Hexachlorobutadiene

Concen: 46.161 ug/l

RT: 14.98 min Scan# 4119

Delta R.T. -0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Instrument :

MSVOA_N

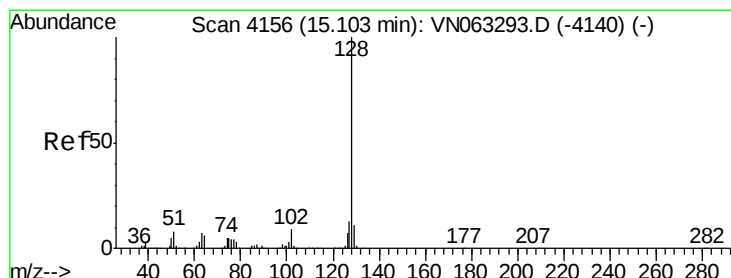
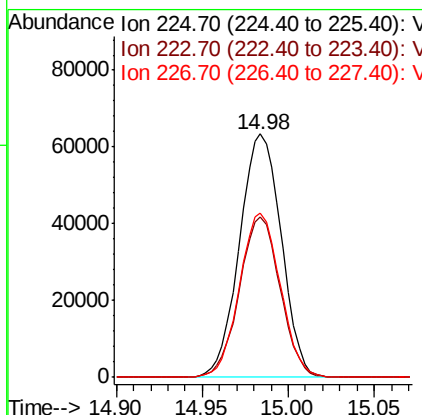
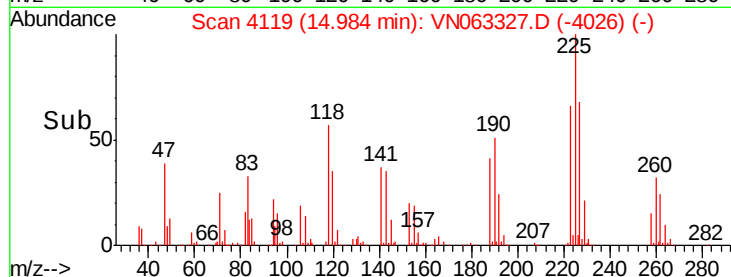
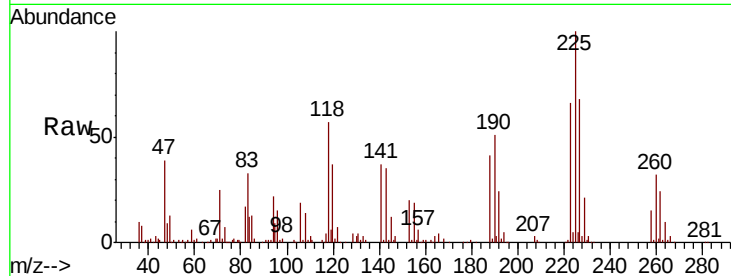
ClientSampleId :

FC-MW03SR1-20200910MS

Tot Ion	Ratio	Lower	Upper
225	100		
223	64.3	31.3	93.9
227	66.0	31.2	93.6

Manual Integrations
APPROVED

MMDadoda
9/14/2020 12:08:31 PM



#95

Naphthalene

Concen: 98.568 ug/l

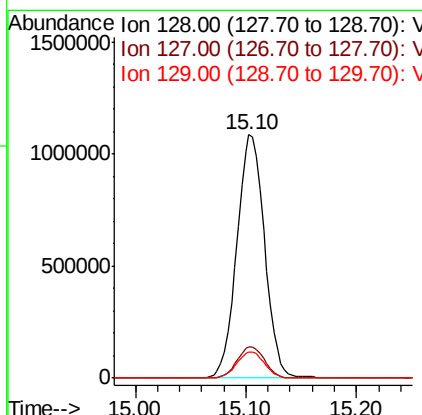
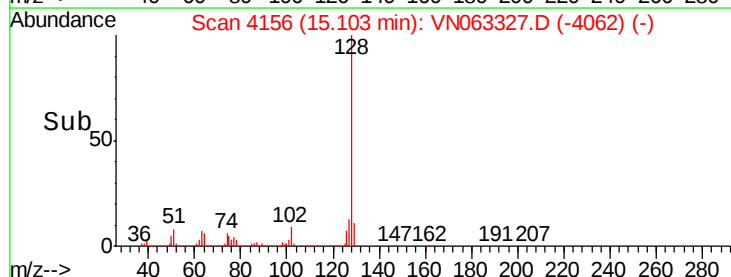
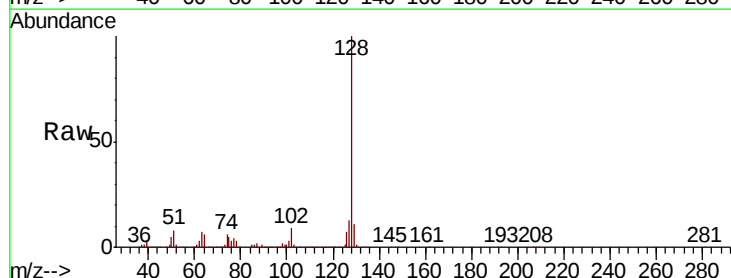
RT: 15.10 min Scan# 4156

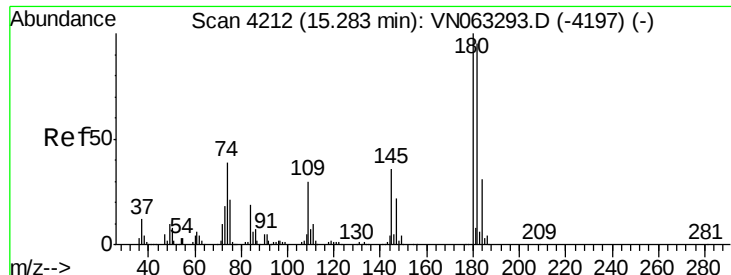
Delta R.T. 0.00 min

Lab File: VN063327.D

Acq: 11 Sep 2020 20:18

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.8	8.6	12.8





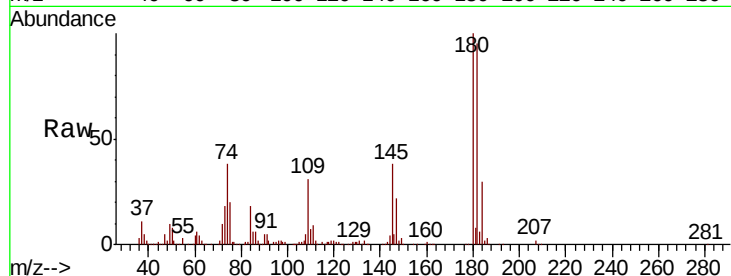
#96
 1,2,3-Trichlorobenzene
 Concen: 48.428 ug/l
 RT: 15.28 min Scan# 4212
 Delta R.T. -0.00 min
 Lab File: VN063327.D
 Acq: 11 Sep 2020 20:18

Instrument :
 MSVOA_N
 ClientSampleId :
 FC-MW03SR1-20200910MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	278332		
182	94.5		47.4	142.3
145	41.4		17.2	51.6

Manual Integrations
 APPROVED

MMDadoda
 9/14/2020 12:08:31 PM



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

