

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091120\
 Data File : VN063328.D
 Acq On : 11 Sep 2020 20:42
 Operator : JC/MD
 Sample : L3988-23MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FC-MW03SR1-20200910MSD

Manual Integrations
 APPROVED

MMDadoda
 9/14/2020 12:08:33 PM

Quant Time: Sep 22 04:58:00 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	417528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	750024	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	693981	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	325329	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	324112	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
35) Dibromofluoromethane	7.55	113	239981	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
50) Toluene-d8	10.06	98	946100	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
62) 4-Bromofluorobenzene	12.38	95	343096	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	196023	48.884	ug/l	98
3) Chloromethane	2.04	50	283849	54.273	ug/l	98
4) Vinyl Chloride	2.17	62	294461	51.904	ug/l	99
5) Bromomethane	2.53	94	191166	48.297	ug/l	99
6) Chloroethane	2.68	64	189510	51.065	ug/l	95
7) Trichlorofluoromethane	2.99	101	443659	50.570	ug/l	98
8) Diethyl Ether	3.37	74	158855	50.781	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	224444	48.967	ug/l	99
10) Methyl Iodide	3.91	142	320063	53.868	ug/l	99
11) Tert butyl alcohol	4.73	59	203284	234.384	ug/l	99
12) 1,1-Dichloroethene	3.70	96	231175	50.526	ug/l	96
13) Acrolein	3.57	56	213627	422.680	ug/l	99
14) Allyl chloride	4.28	41	442594	47.122	ug/l	98
15) Acrylonitrile	4.93	53	633296	267.060	ug/l	99
16) Acetone	3.77	43	547701	241.793	ug/l	99
17) Carbon Disulfide	4.01	76	652296	50.375	ug/l	99
18) Methyl Acetate	4.28	43	271908	47.752	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	837989	51.256	ug/l	99
20) Methylene Chloride	4.51	84	274529	53.317	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	251374	49.094	ug/l	99
22) Diisopropyl ether	5.90	45	953015	51.559	ug/l	98
23) Vinyl Acetate	5.84	43	3701513	254.412	ug/l	99
24) 1,1-Dichloroethane	5.80	63	508973	50.847	ug/l	99
25) 2-Butanone	6.78	43	862492	257.763	ug/l	100
26) 2,2-Dichloropropane	6.78	77	360526	41.092	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	295278	49.483	ug/l	97
28) Bromochloromethane	7.15	49	233759	48.159	ug/l	98
29) Tetrahydrofuran	7.17	42	575962	264.354	ug/l	99
30) Chloroform	7.33	83	511249	51.010	ug/l	99
31) Cyclohexane	7.61	56	463396	50.366	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	442629	50.662	ug/l	99
36) 1,1-Dichloropropene	7.75	75	380290	49.328	ug/l	100
37) Ethyl Acetate	6.88	43	363107	47.875	ug/l	99
38) Carbon Tetrachloride	7.74	117	381840	50.324	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	475320	56.515	ug/l	100
40) Benzene	8.00	78	1123180	51.008	ug/l	100
41) Methacrylonitrile	7.14	41	183446m	53.471	ug/l	
42) 1,2-Dichloroethane	8.09	62	422095	50.524	ug/l	97
43) Isopropyl Acetate	8.13	43	675454	52.587	ug/l	98
44) Trichloroethene	8.80	130	287385	49.906	ug/l	100
45) 1,2-Dichloropropane	9.08	63	306219	50.700	ug/l	99
46) Dibromomethane	9.18	93	200276	51.135	ug/l	99
47) Bromodichloromethane	9.37	83	412534	50.543	ug/l	97
48) Methyl methacrylate	9.17	41	310857	50.721	ug/l	99
49) 1,4-Dioxane	9.16	88	84058	885.839	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	1941469	274.274	ug/l	99
52) Toluene	10.13	92	690973	51.396	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	447780	50.309	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	475878	49.658	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	307245	58.323	ug/l	98
56) Ethyl methacrylate	10.40	69	446997	55.798	ug/l	96
57) 1,3-Dichloropropane	10.68	76	480069	52.150	ug/l	100
59) 2-Hexanone	10.72	43	1411343	270.346	ug/l	99
60) Dibromochloromethane	10.87	129	305422	52.796	ug/l	99
61) 1,2-Dibromoethane	10.98	107	284643	51.829	ug/l	100
64) Tetrachloroethene	10.60	164	283419	49.853	ug/l	100
65) Chlorobenzene	11.41	112	738455	49.427	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	274599	50.447	ug/l	99
67) Ethyl Benzene	11.49	91	2744231	102.315	ug/l	98
68) m/p-Xylenes	11.60	106	1013446	102.149	ug/l	98
69) o-Xylene	11.92	106	484364	50.872	ug/l	99
70) Stvrene	11.94	104	816212	51.579	ug/l	99
71) Bromoform	12.10	173	196679	52.240	ug/l #	99
73) Isopropylbenzene	12.23	105	1835881	69.962	ug/l	100
74) N-amyl acetate	12.05	43	570069	52.915	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	378711	50.392	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	341986m	47.649	ug/l	
77) Bromobenzene	12.50	156	305700	50.681	ug/l	97
78) n-propylbenzene	12.57	91	2183695	73.253	ug/l	100
79) 2-Chlorotoluene	12.65	91	904575	49.351	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1244932	57.135	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	128901	48.254	ug/l	99
82) 4-Chlorotoluene	12.75	91	945815	49.226	ug/l	99
83) tert-Butylbenzene	12.97	119	921592	49.872	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	2105904	95.887	ug/l	99
85) sec-Butylbenzene	13.15	105	1324290	56.328	ug/l	98
86) p-Isopropyltoluene	13.27	119	1080111	50.113	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	544473	49.376	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	545472	51.765	ug/l	100
89) n-Butylbenzene	13.59	91	1024388	52.650	ug/l	99
90) Hexachloroethane	13.85	117	218360	61.591	ug/l	89
91) 1,2-Dichlorobenzene	13.63	146	554868	50.911	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	81828	47.882	ug/l	97
93) 1,2,4-Trichlorobenzene	14.88	180	298940	46.860	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	112221	48.769	ug/l	98
95) Naphthalene	15.10	128	1979681	103.807	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	290282	50.717	ug/l	96

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

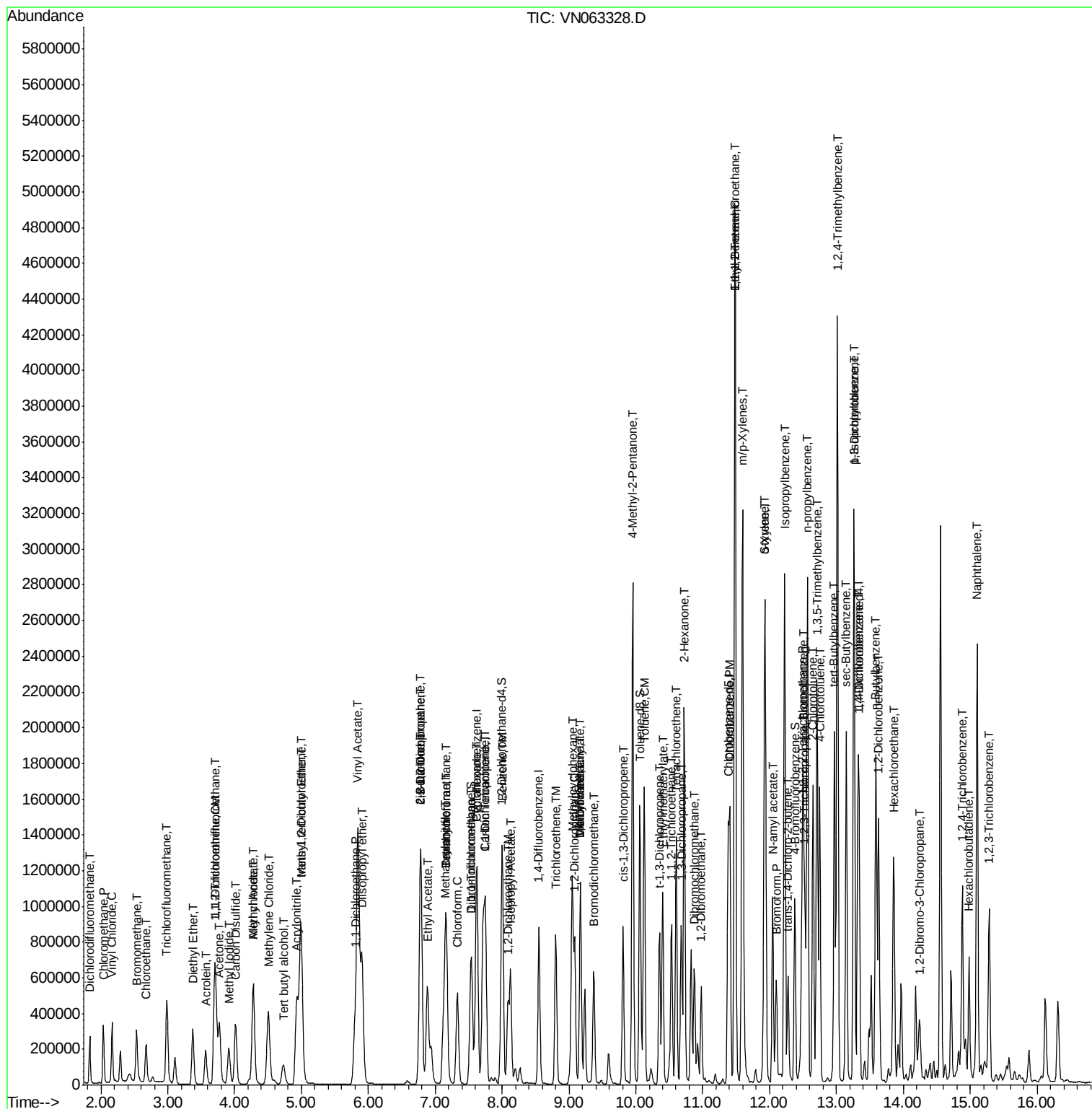
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Data File : VN063328.D
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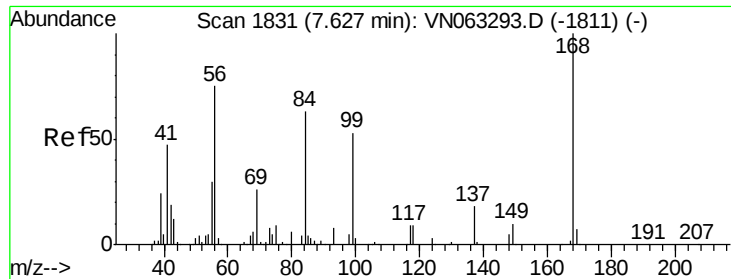
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

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Acq: 11 Sep 2020 20:42

Instrument :

MSVOA_N

ClientSampleId :

FC-MW03SR1-20200910MSD

Tot Ion:168 Resp: 417528

Ion Ratio Lower Upper

168 100

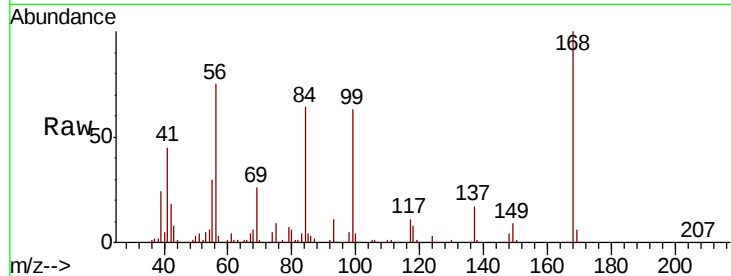
99 62.4 51.1 76.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

200000

150000

100000

50000

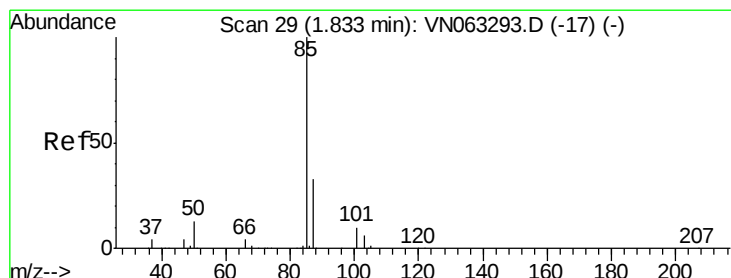
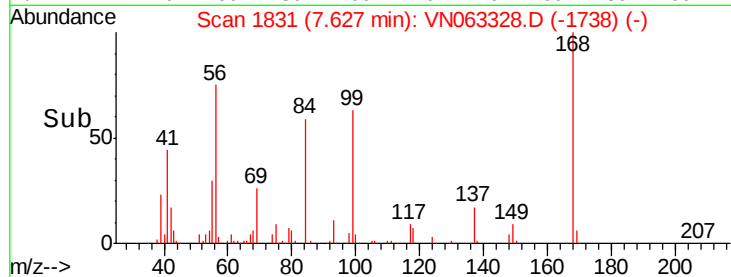
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 48.884 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN063328.D

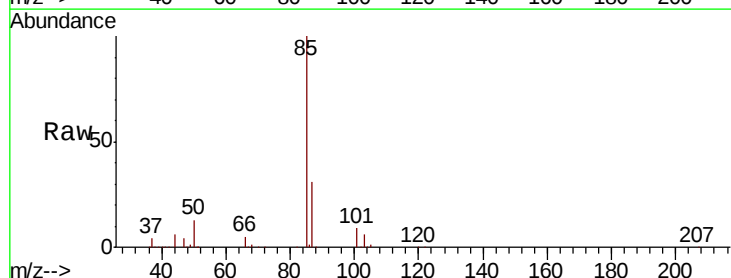
Acq: 11 Sep 2020 20:42

Tgt Ion: 85 Resp: 196023

Ion Ratio Lower Upper

85 100

87 31.3 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

150000

100000

50000

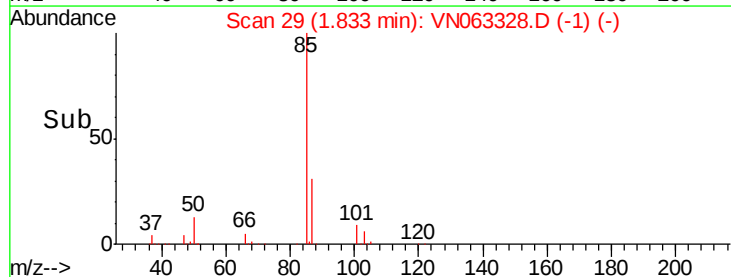
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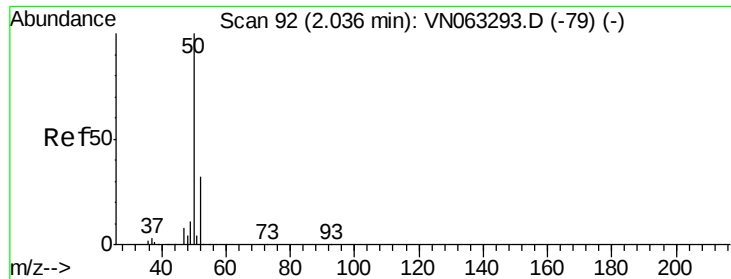
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 54.273 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Instrument :

MSVOA_N

ClientSampleId :

FC-MW03SR1-20200910MSD

Tot Ion: 50 Resp: 283849

Ion Ratio Lower Upper

50 100

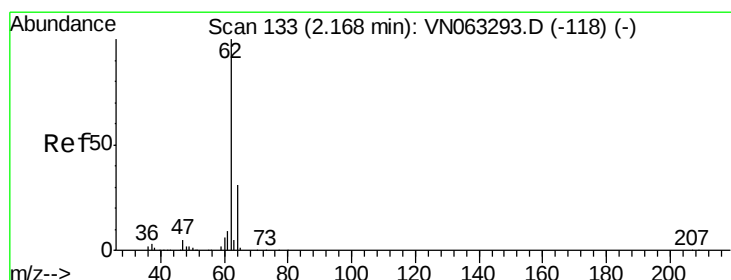
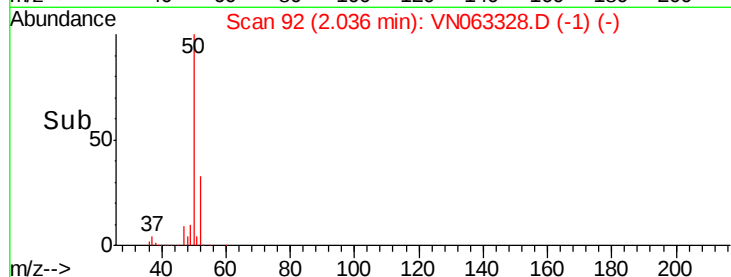
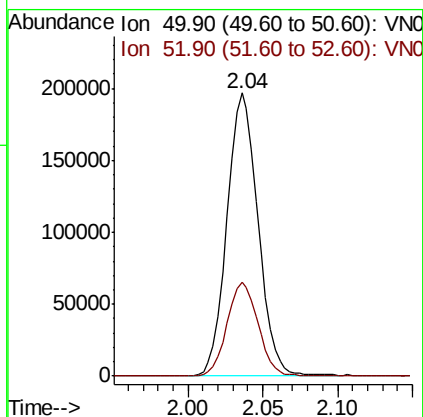
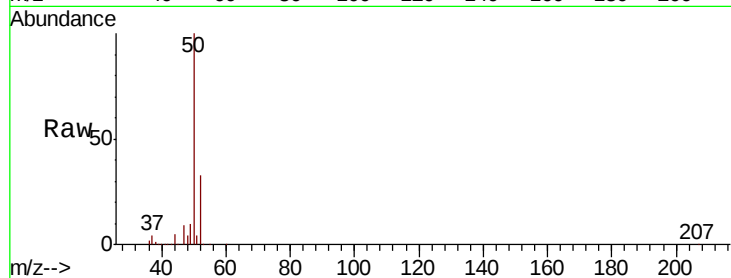
52 33.0 25.4 38.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.904 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN063328.D

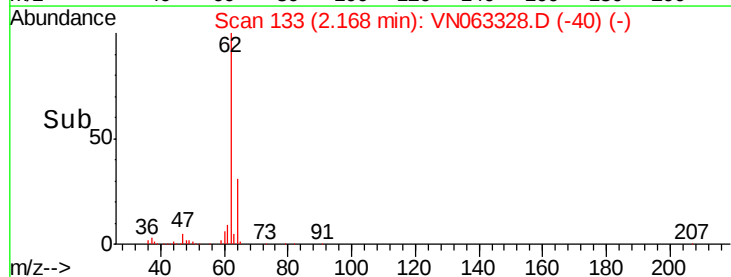
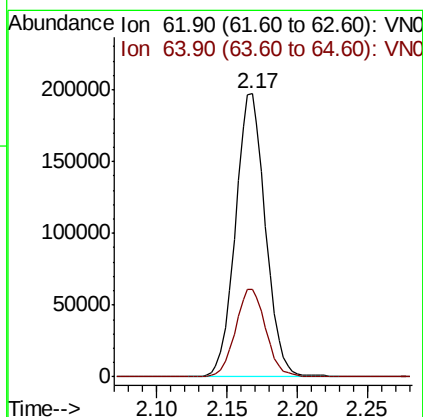
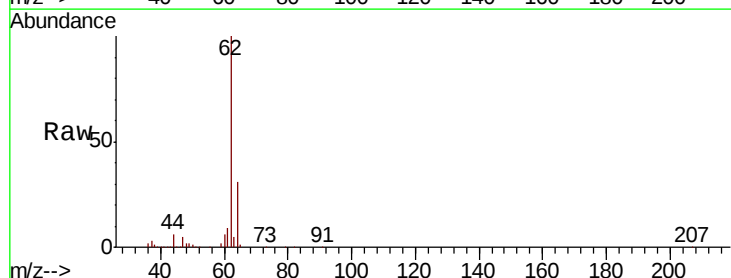
Acq: 11 Sep 2020 20:42

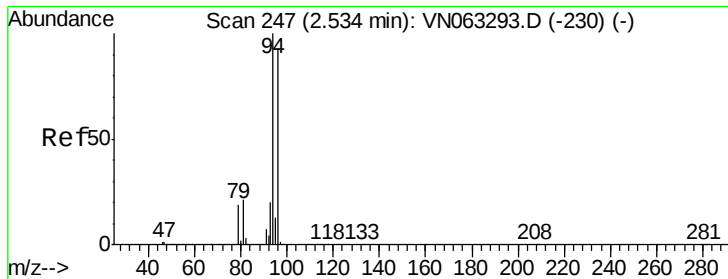
Tgt Ion: 62 Resp: 294461

Ion Ratio Lower Upper

62 100

64 31.1 24.6 37.0





#5

Bromomethane

Concen: 48.297 ug/l

RT: 2.53 min Scan# 247

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

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Tot Ion: 94 Resp: 191166

Ion Ratio Lower Upper

94 100

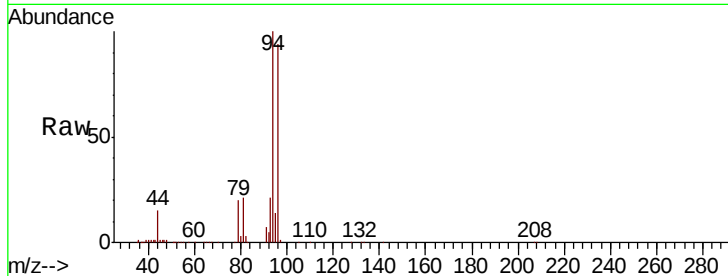
96 93.6 74.3 111.5

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

100000

80000

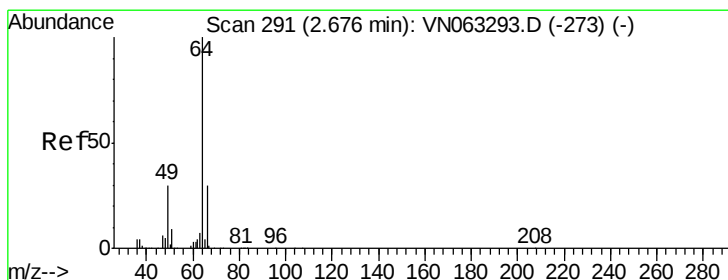
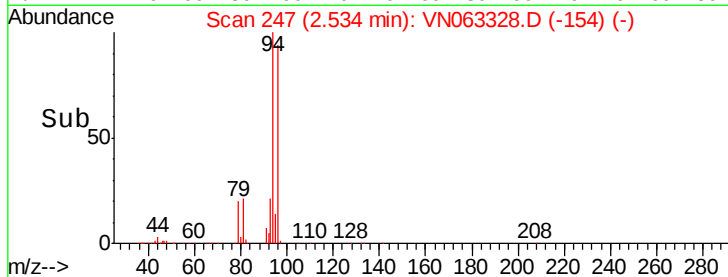
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 51.065 ug/l

RT: 2.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN063328.D

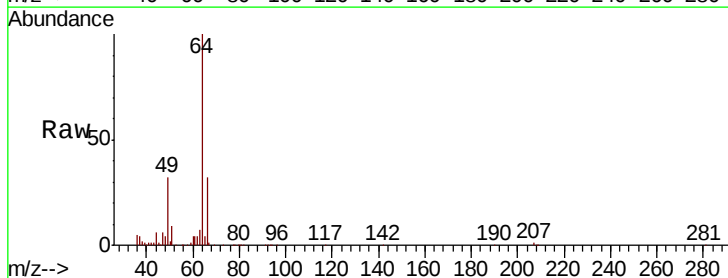
Acq: 11 Sep 2020 20:42

Tgt Ion: 64 Resp: 189510

Ion Ratio Lower Upper

64 100

66 32.2 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.68

100000

80000

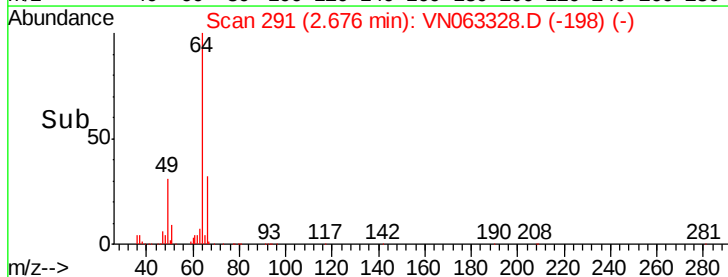
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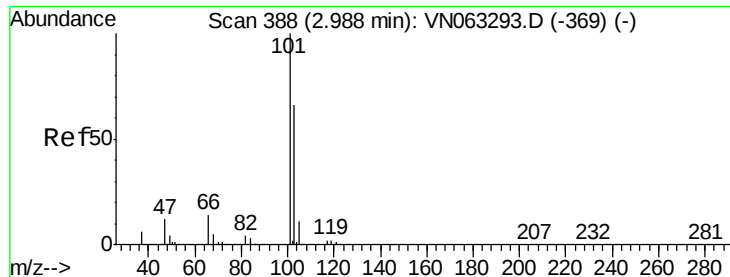
40000

20000

0

Time-->





#7

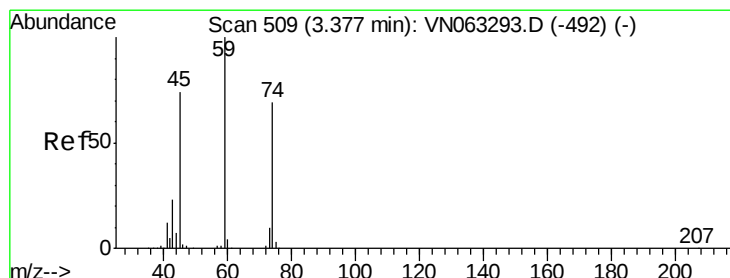
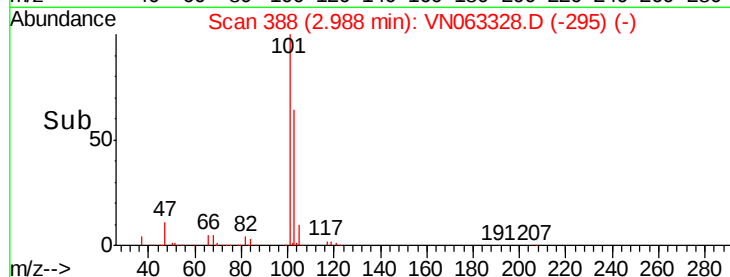
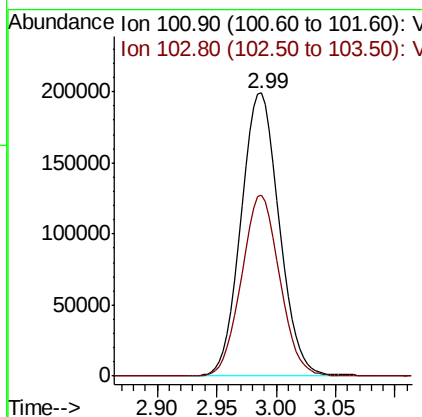
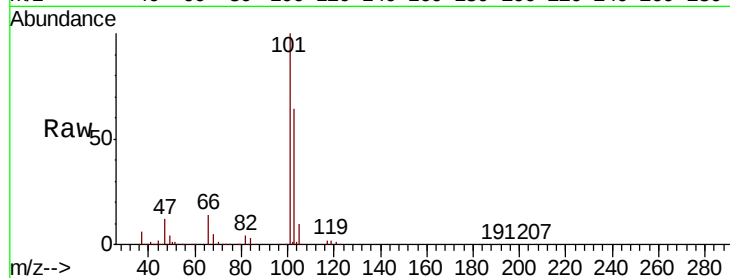
Trichlorofluoromethane
Concen: 50.570 ug/l
RT: 2.99 min Scan# 388
Delta R.T. -0.00 min
Lab File: VN063328.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	52.4	78.6

Manual Integrations
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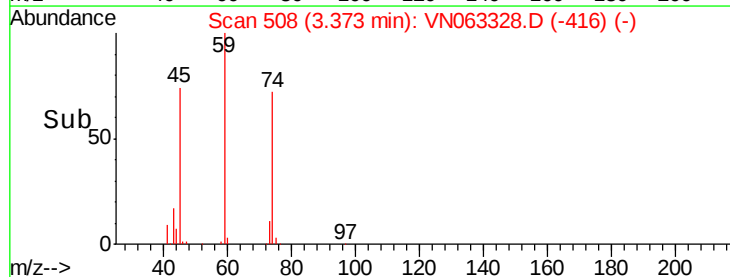
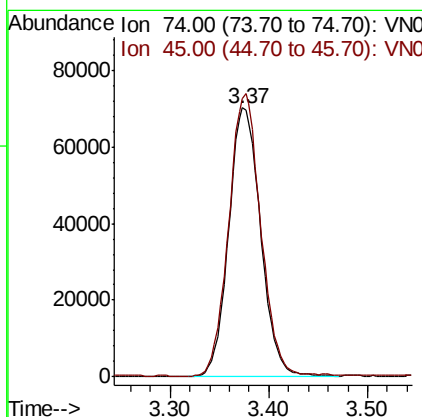
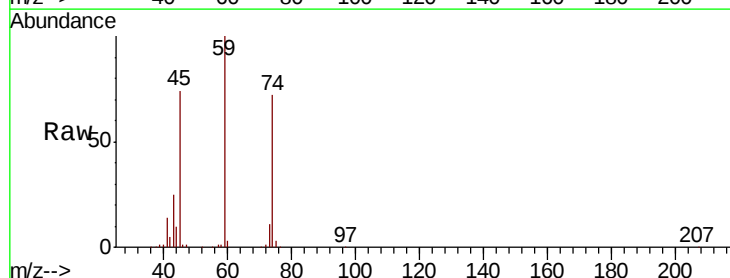
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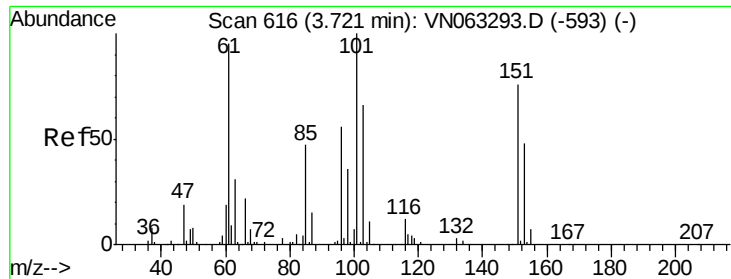


#8

Diethyl Ether
Concen: 50.781 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN063328.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.0	52.7	158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.967 ug/l

RT: 3.72 min Scan# 616

Delta R.T. -0.00 min

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MSVOA_N

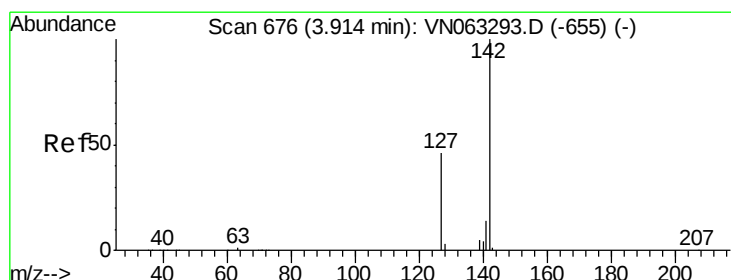
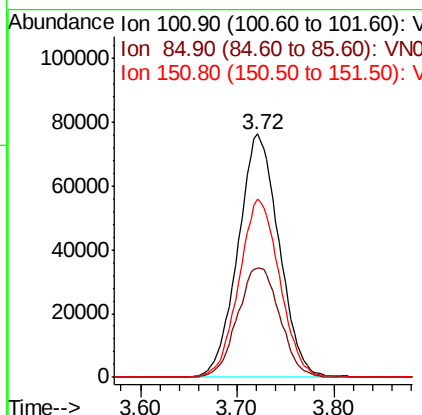
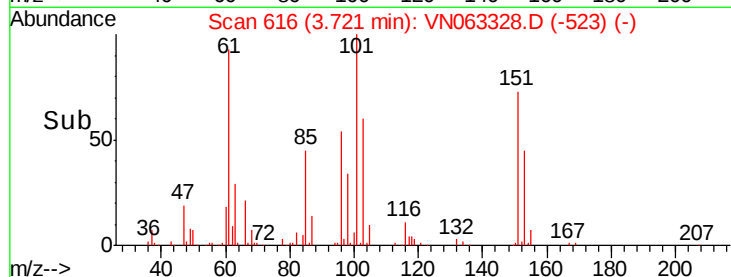
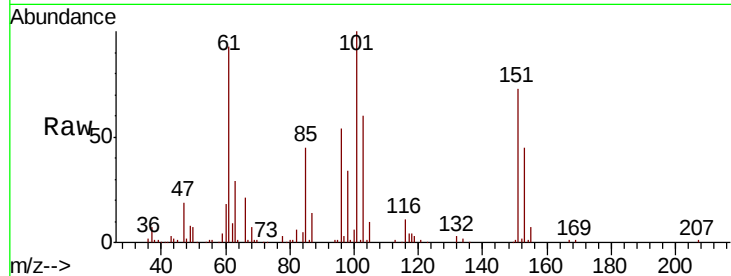
ClientSampleId :

FC-MW03SR1-20200910MSD

Tot Ion:	101	Resp:	224444
Ion Ratio	Lower	Upper	
101	100		
85	46.6	36.9	55.3
151	72.7	57.8	86.8

Manual Integrations
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#10

Methyl Iodide

Concen: 53.868 ug/l

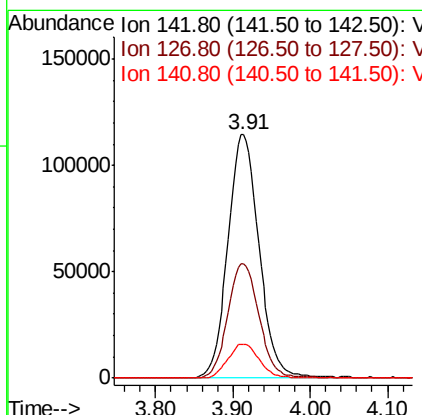
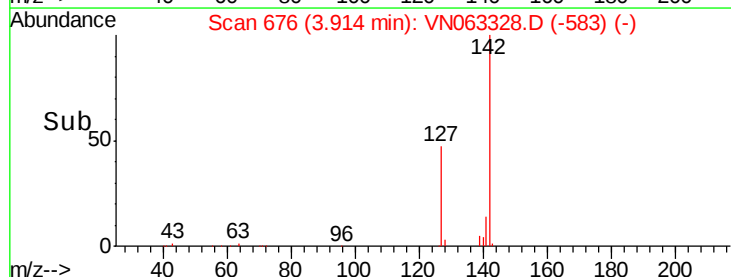
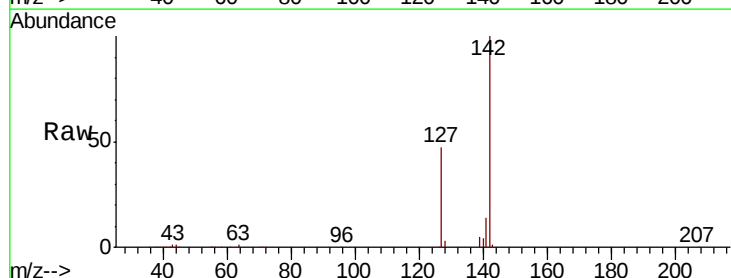
RT: 3.91 min Scan# 676

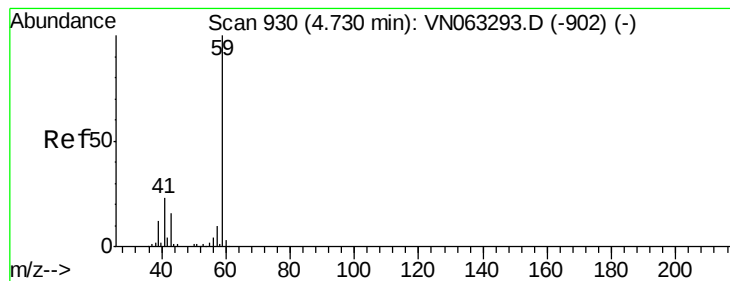
Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Tgt Ion:	142	Resp:	320063
Ion Ratio	Lower	Upper	
142	100		
127	46.8	37.1	55.7
141	14.0	11.6	17.4





#11

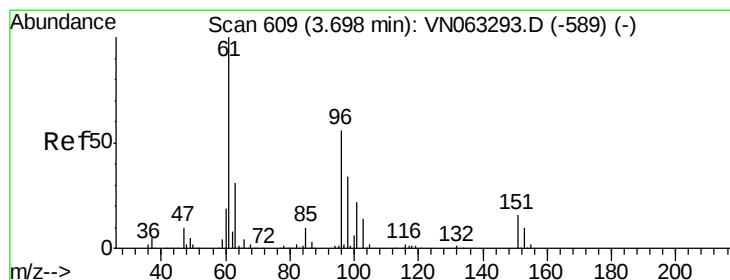
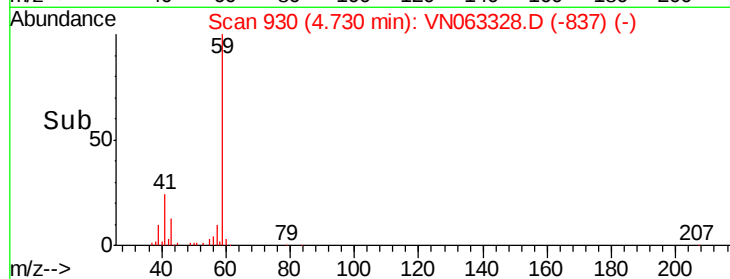
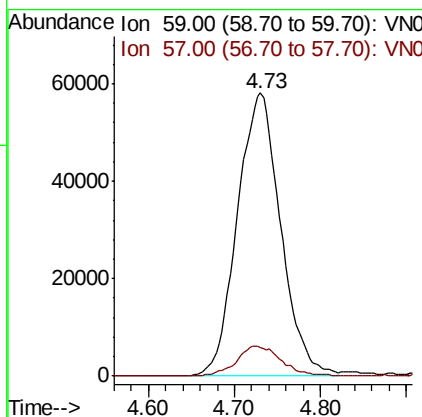
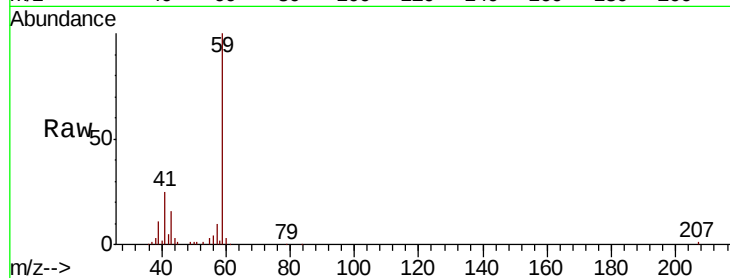
Tert butyl alcohol
Concen: 234.384 ug/l
RT: 4.73 min Scan# 930
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Instrument :
MSVOA_N
ClientSampleId :
FC-MW03SR1-20200910MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.3	12.5

Manual Integrations
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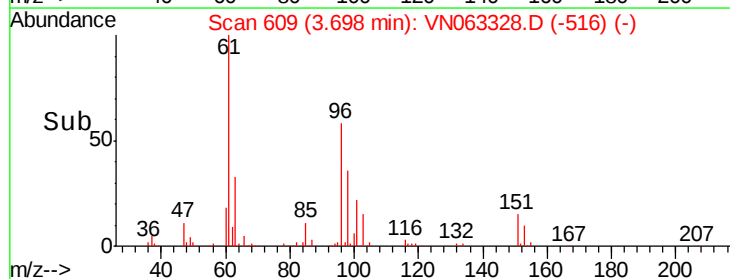
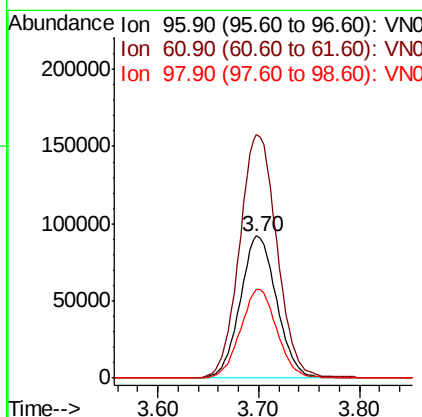
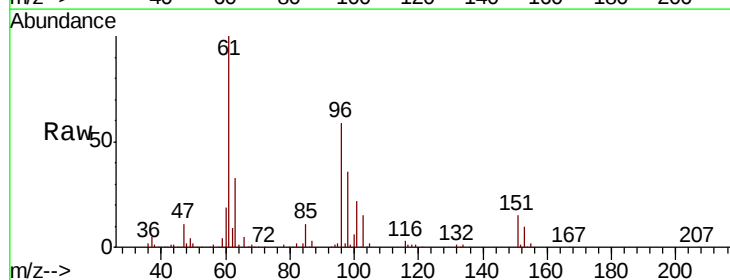
MMDadoda
9/14/2020 12:08:33 PM

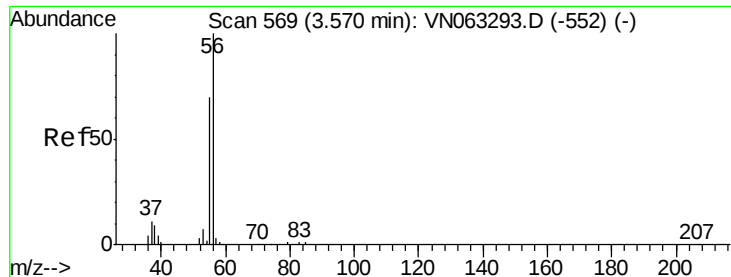


#12

1,1-Dichloroethene
Concen: 50.526 ug/l
RT: 3.70 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.9	142.1	213.1
98	62.1	48.8	73.2





#13

Acrolein

Concen: 422.680 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Instrument :

MSVOA_N

ClientSampleId :

FC-MW03SR1-20200910MSD

Tot Ion: 56 Resp: 213627

Ion Ratio Lower Upper

56 100

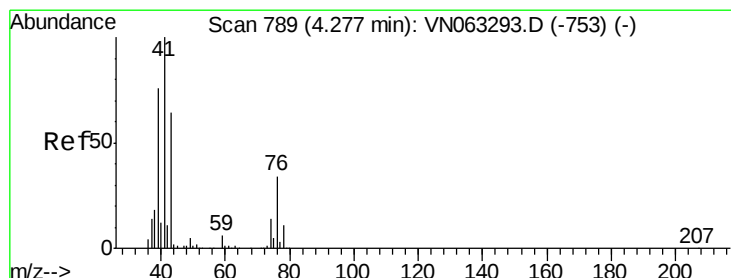
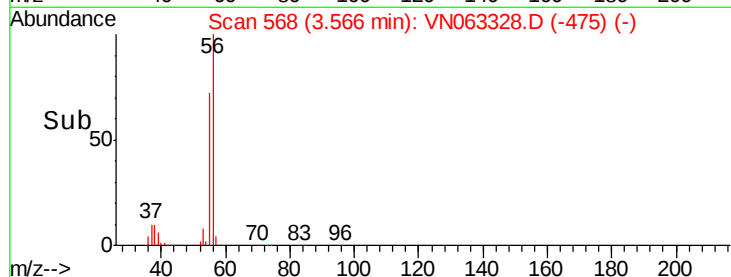
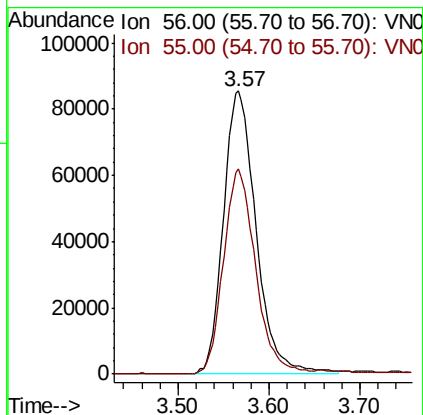
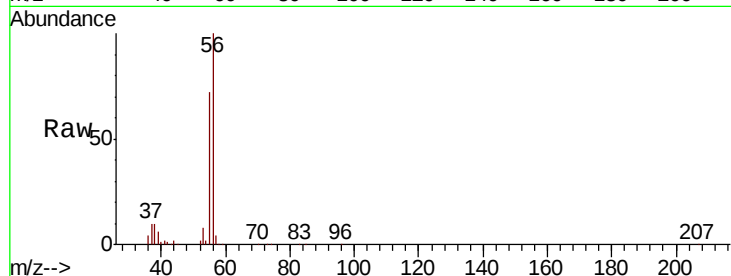
55 70.4 57.2 85.8

Manual Integrations

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#14

Allyl chloride

Concen: 47.122 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

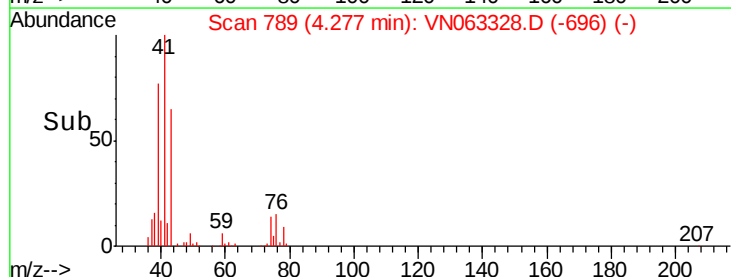
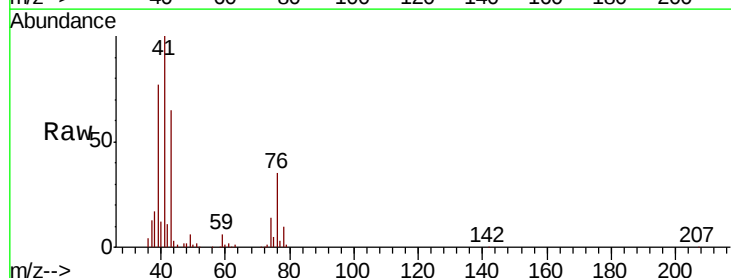
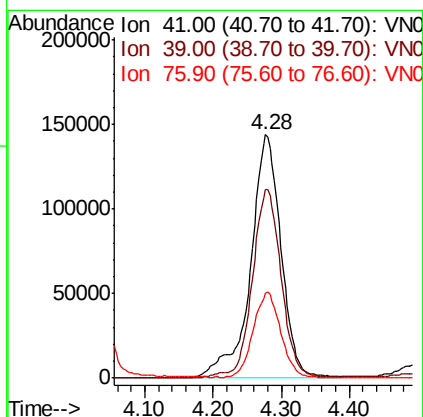
Tgt Ion: 41 Resp: 442594

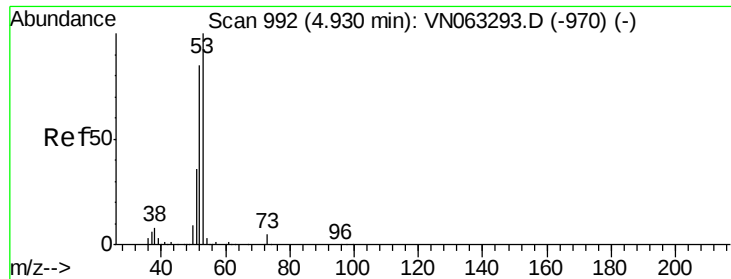
Ion Ratio Lower Upper

41 100

39 73.8 57.4 86.2

76 31.6 25.7 38.5





#15

Acrylonitrile

Concen: 267.060 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Instrument :

MSVOA_N

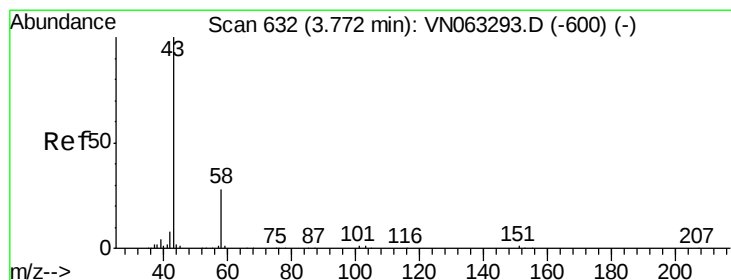
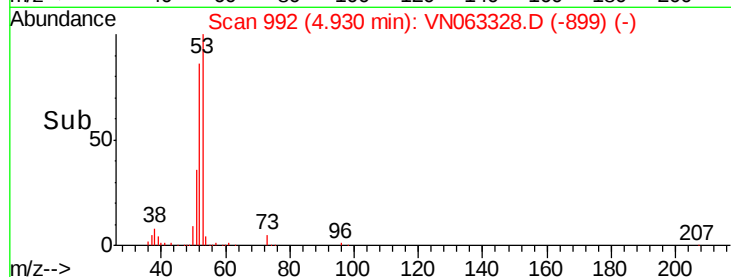
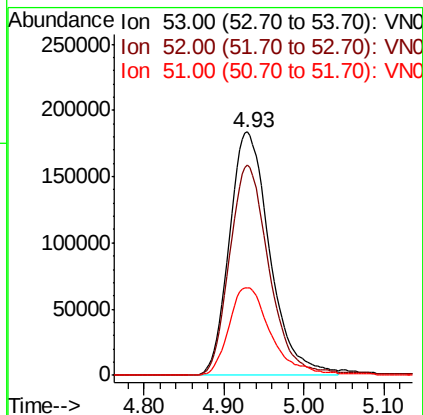
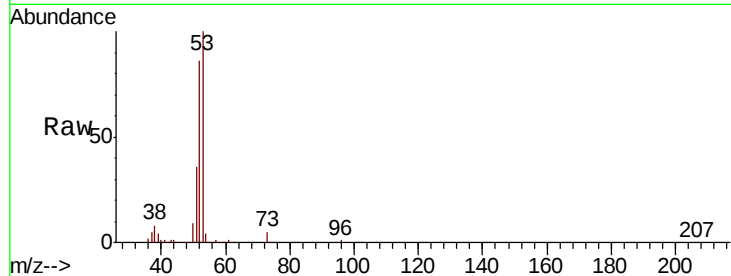
ClientSampleId :

FC-MW03SR1-20200910MSD

Tot Ion:	53	Resp:	633296
Ion	Ratio	Lower	Upper
53	100		
52	84.3	66.5	99.7
51	37.4	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 241.793 ug/l

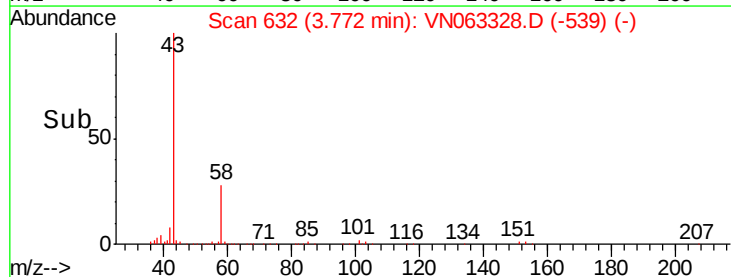
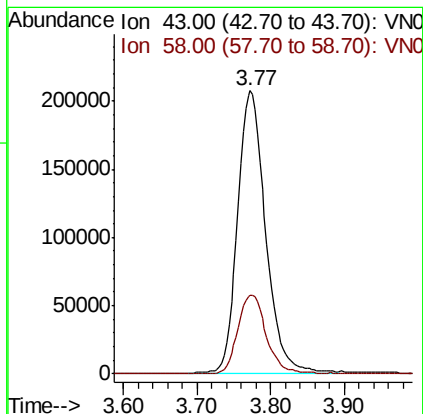
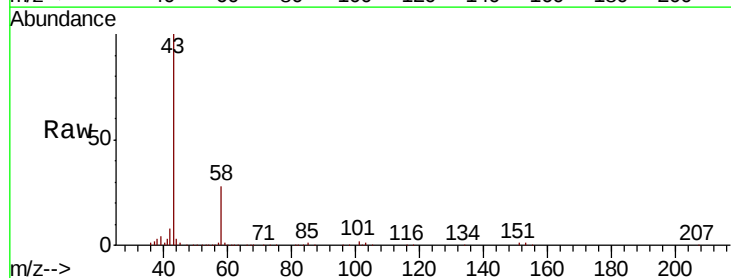
RT: 3.77 min Scan# 632

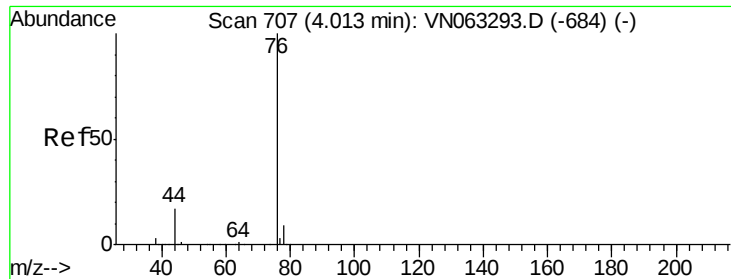
Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Tgt Ion:	43	Resp:	547701
Ion	Ratio	Lower	Upper
43	100		
58	27.9	22.6	34.0





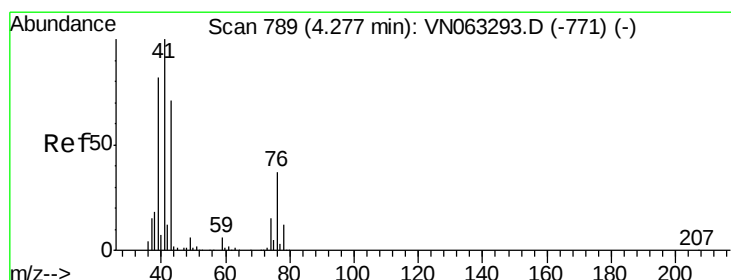
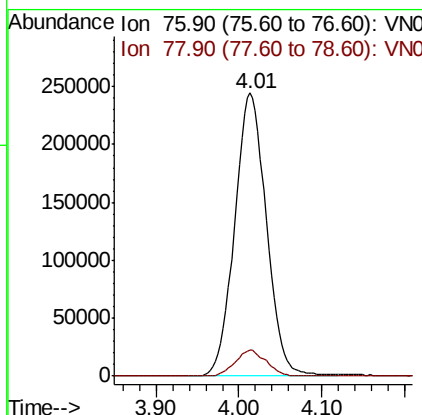
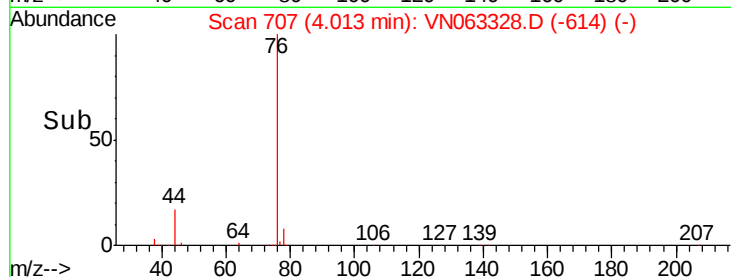
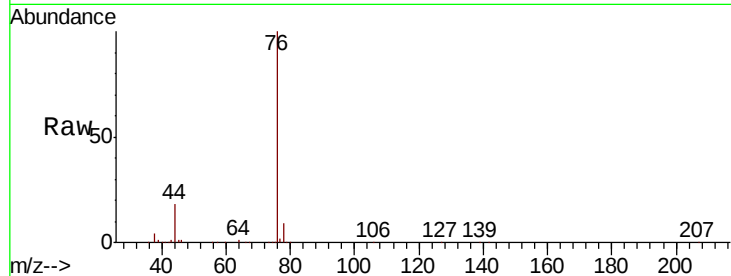
#17
Carbon Disulfide
Concen: 50.375 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Instrument :
MSVOA_N
ClientSampleId :
FC-MW03SR1-20200910MSD

Tot Ion: 76 Resp: 652296
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

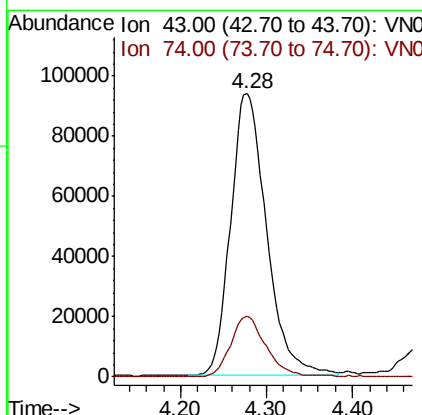
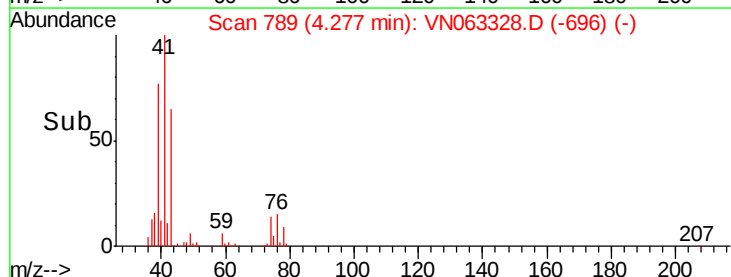
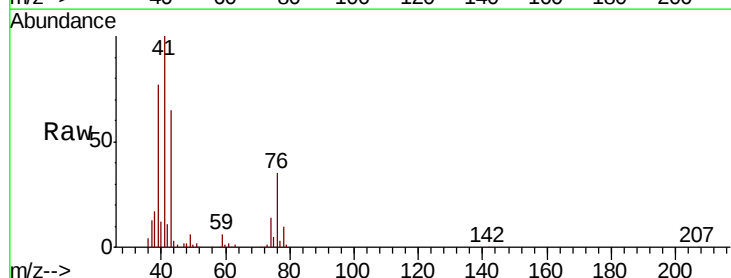
Manual Integrations
APPROVED

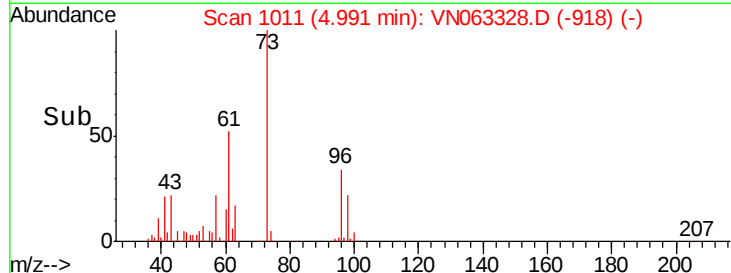
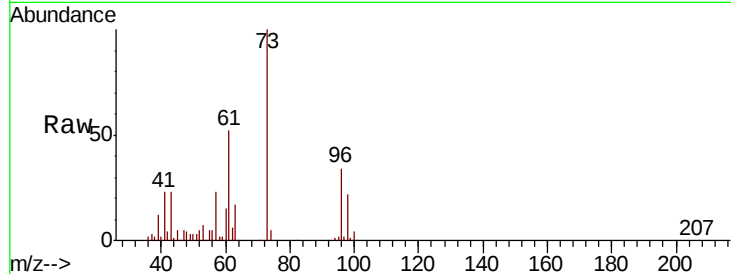
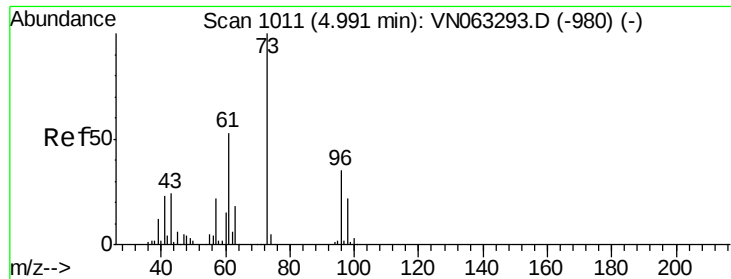
MMDadoda
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#18
Methyl Acetate
Concen: 47.752 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Tgt Ion: 43 Resp: 271908
Ion Ratio Lower Upper
43 100
74 21.2 17.8 26.6





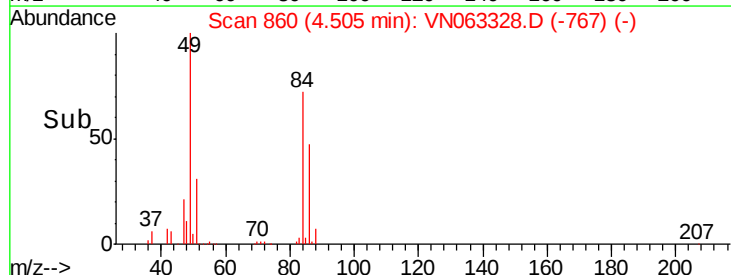
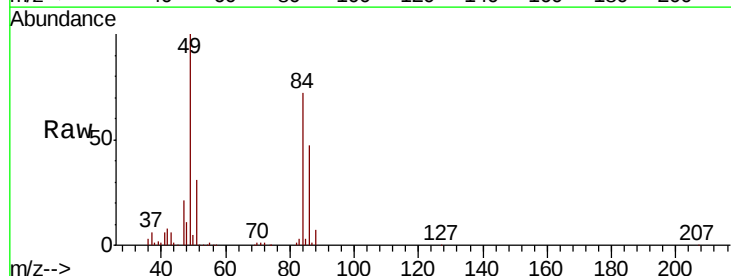
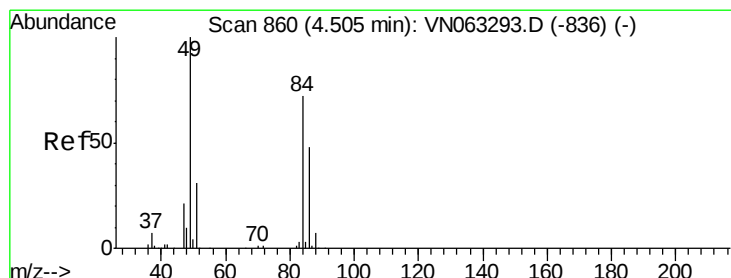
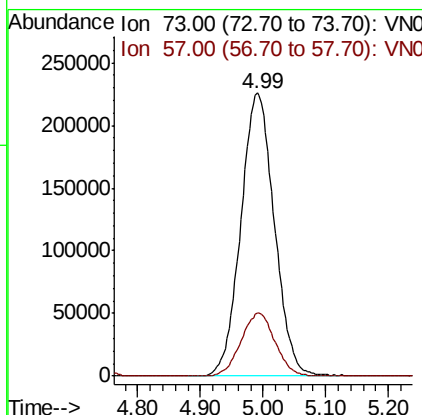
#19
Methvl tert-butvl Ether
Concen: 51.256 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Tot Ion: 73 Resp: 837989
Ion Ratio Lower Upper
73 100
57 22.5 17.5 26.3

Instrument :
MSVOA_N
ClientSampleId :
FC-MW03SR1-20200910MSD

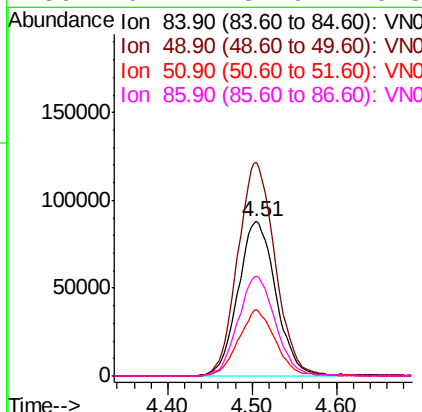
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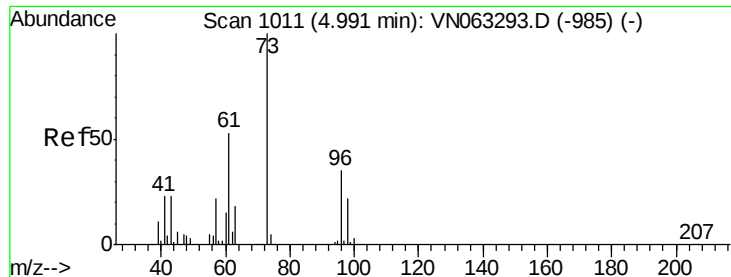
MMDadoda
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#20
Methylene Chloride
Concen: 53.317 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Tgt Ion: 84 Resp: 274529
Ion Ratio Lower Upper
84 100
49 138.4 111.1 166.7
51 42.7 34.3 51.5
86 64.7 52.9 79.3





#21

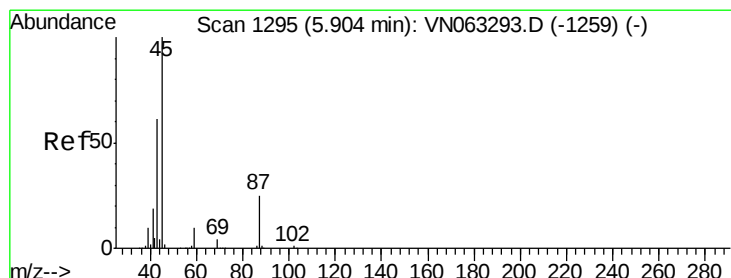
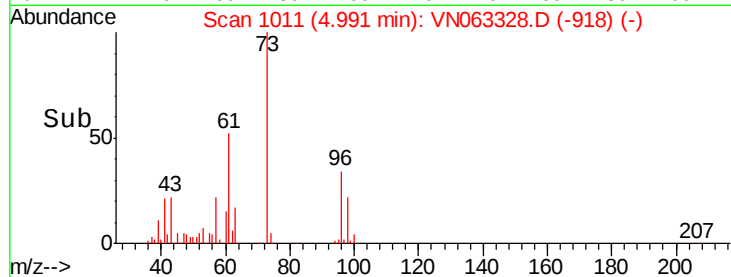
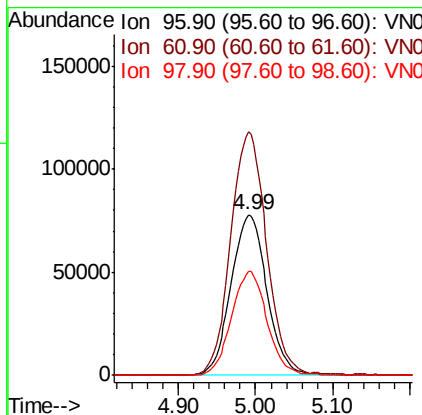
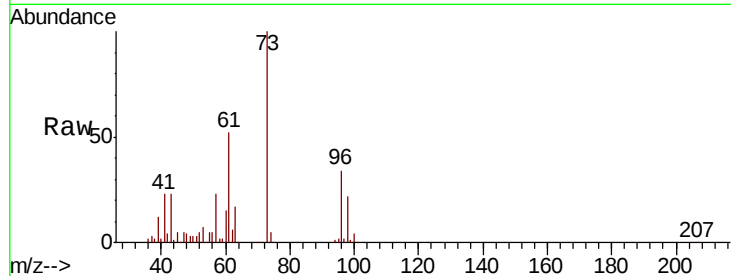
trans-1,2-Dichloroethene
Concen: 49.094 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Instrument :
MSVOA_N
ClientSampleId :
FC-MW03SR1-20200910MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.6	121.8	182.8
98	64.8	51.2	76.8

Manual Integrations
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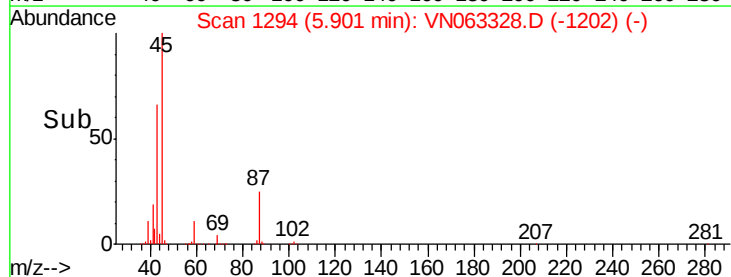
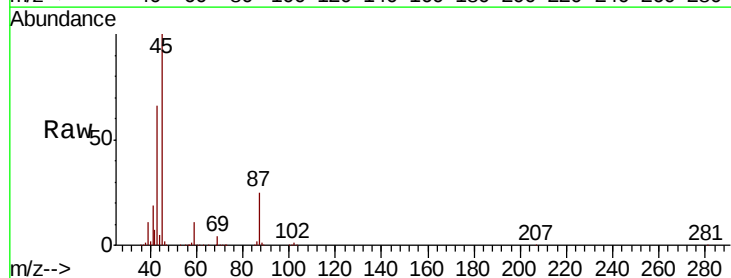
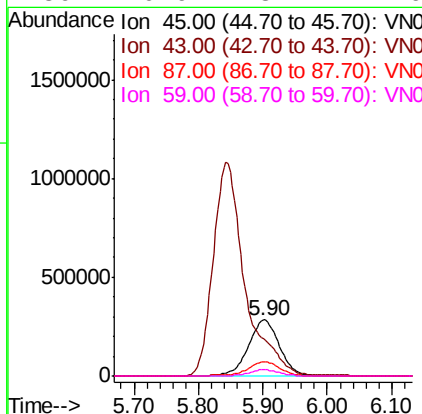
MMDadoda
9/14/2020 12:08:33 PM

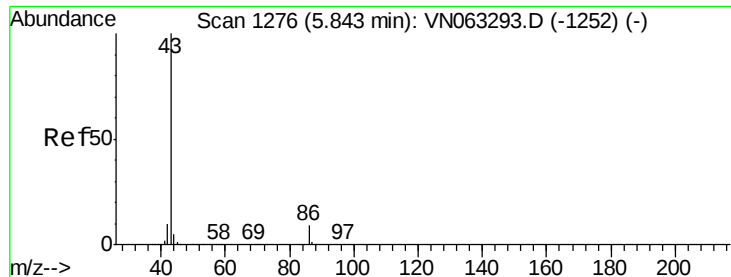


#22

Diisopropyl ether
Concen: 51.559 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
45	100		
43	65.0	50.3	75.5
87	24.9	20.7	31.1
59	10.9	8.4	12.6





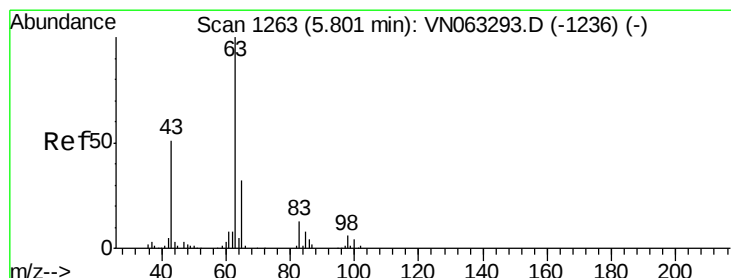
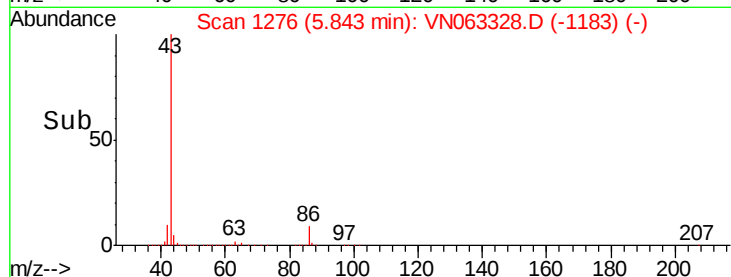
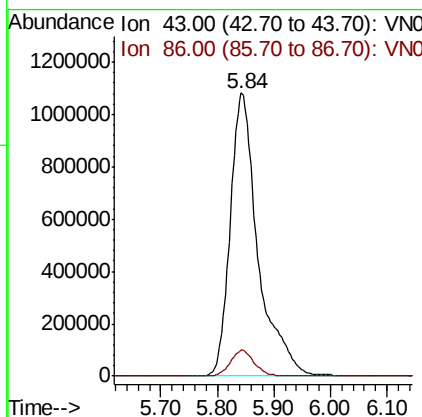
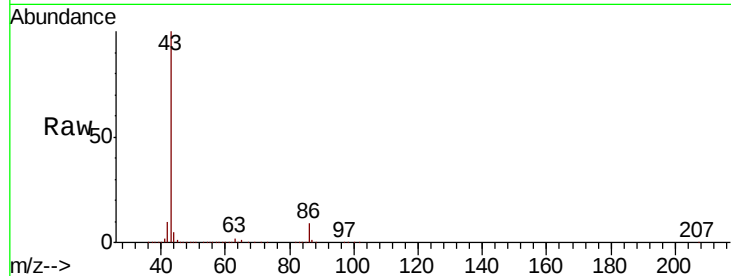
#23
 Vinyl Acetate
 Concen: 254.412 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

Instrument :
 MSVOA_N
 ClientSampleId :
 FC-MW03SR1-20200910MSD

Tot Ion: 43 Resp: 3701513
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.2 10.8

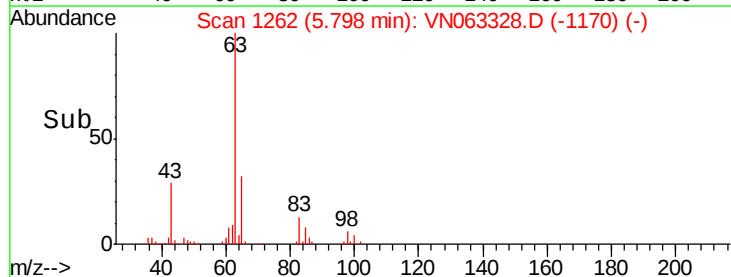
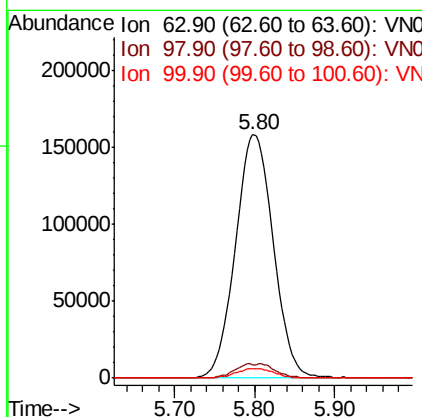
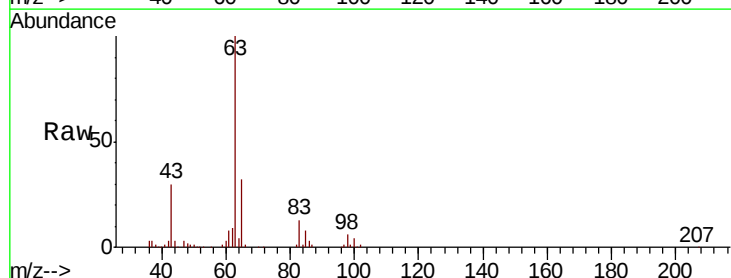
Manual Integrations
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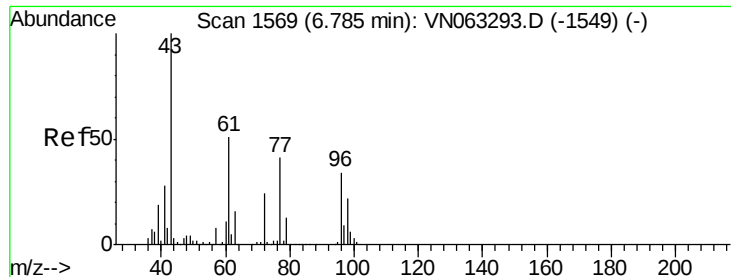
MMDadoda
 9/14/2020 12:08:33 PM



#24
 1,1-Dichloroethane
 Concen: 50.847 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

Tgt Ion: 63 Resp: 508973
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.1 9.3
 100 3.9 2.0 6.0





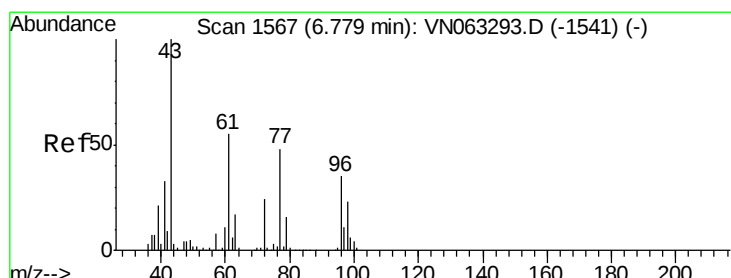
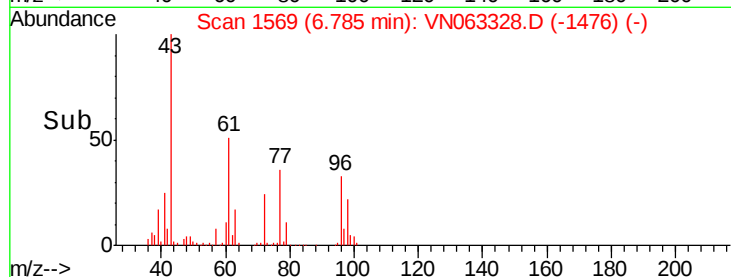
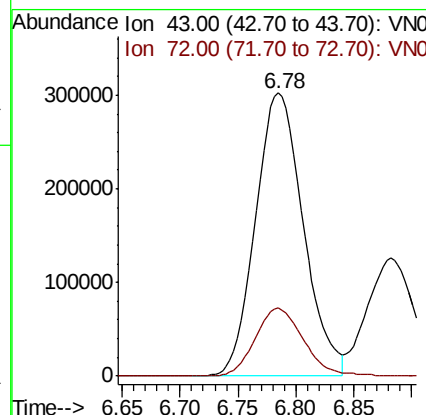
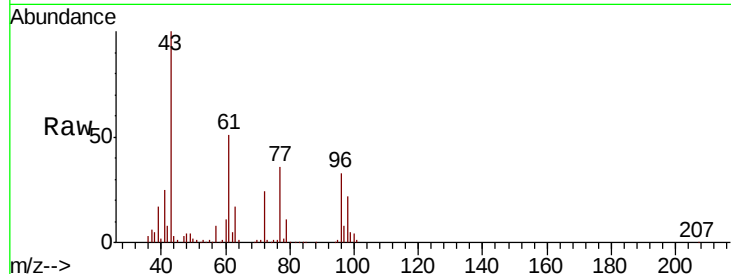
#25
 2-Butanone
 Concen: 257.763 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

Instrument :
 MSVOA_N
 ClientSampleId :
 FC-MW03SR1-20200910MSD

Tot Ion: 43 Resp: 862492
 Ion Ratio Lower Upper
 43 100
 72 24.1 19.4 29.2

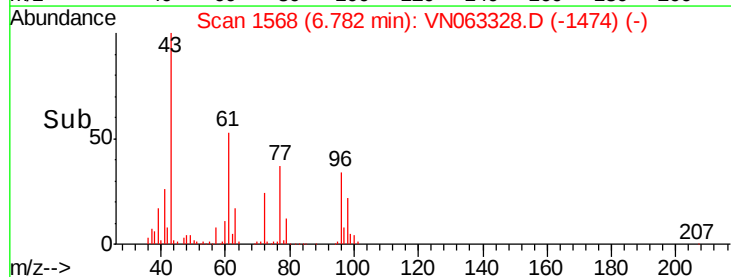
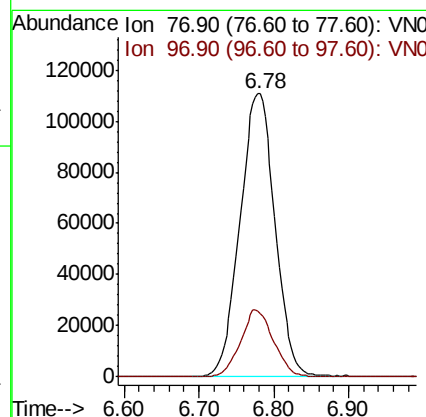
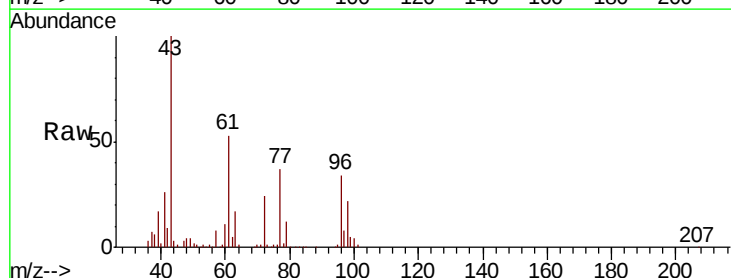
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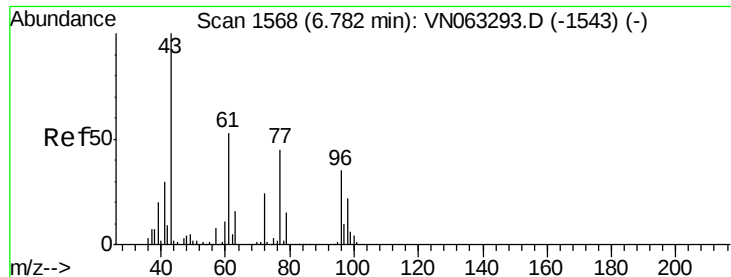
MMDadoda
 9/14/2020 12:08:33 PM



#26
 2,2-Dichloropropane
 Concen: 41.092 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

Tgt Ion: 77 Resp: 360526
 Ion Ratio Lower Upper
 77 100
 97 22.3 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 49.483 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Instrument :

MSVOA_N

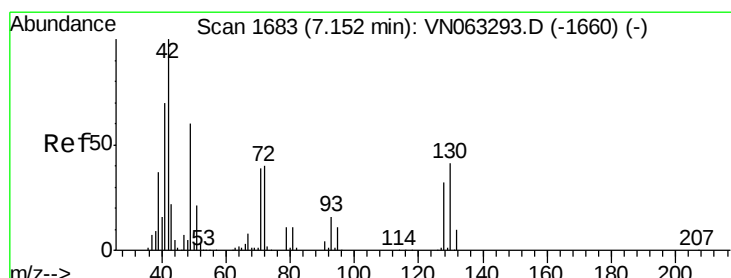
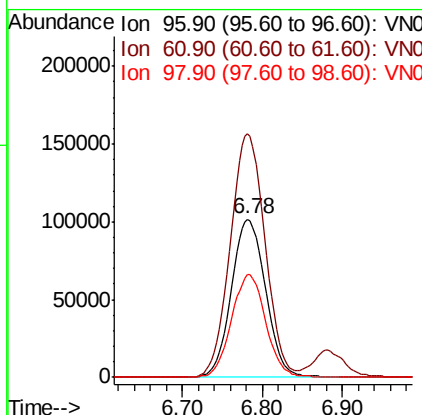
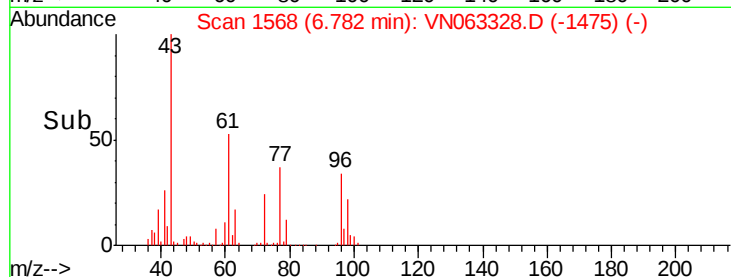
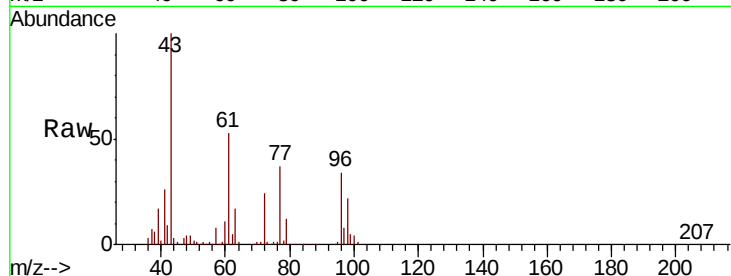
ClientSampleId :

FC-MW03SR1-20200910MSD

Tot Ion:	96	Resp:	295278
Ion	Ratio	Lower	Upper
96	100		
61	156.2	0.0	322.8
98	64.9	0.0	132.2

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#28

Bromochloromethane

Concen: 48.159 ug/l

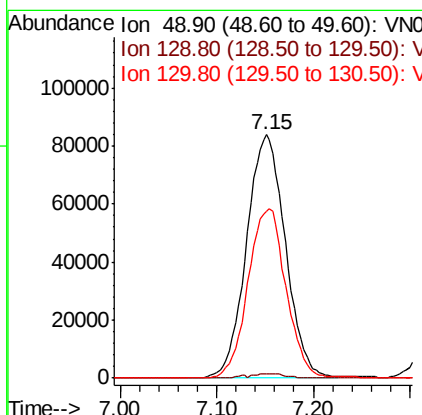
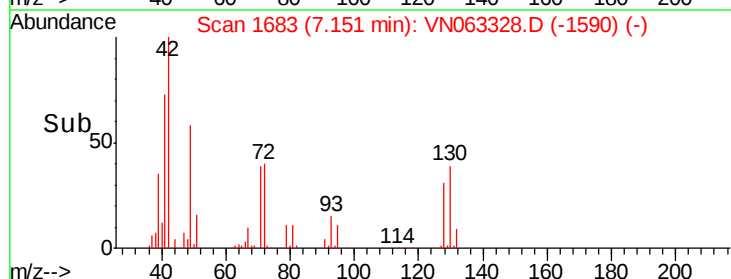
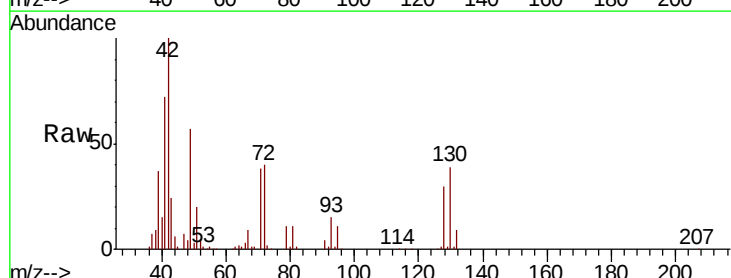
RT: 7.15 min Scan# 1683

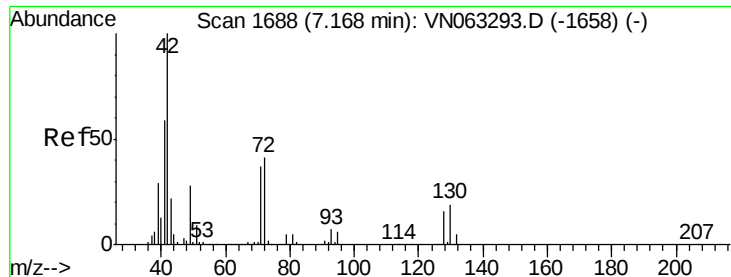
Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Tgt Ion:	49	Resp:	233759
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.4
130	68.0	53.1	79.7





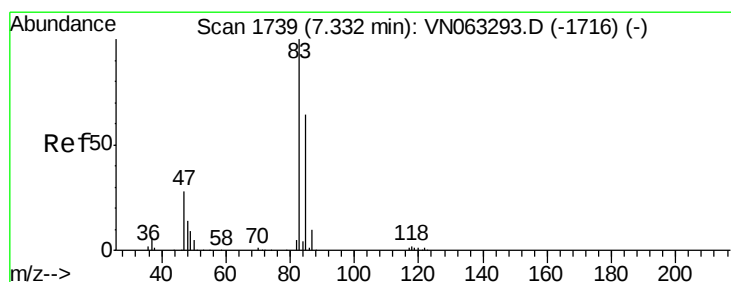
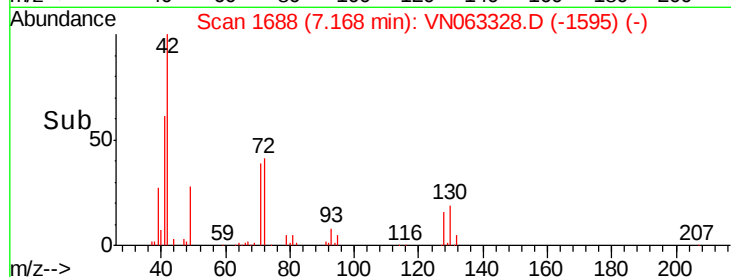
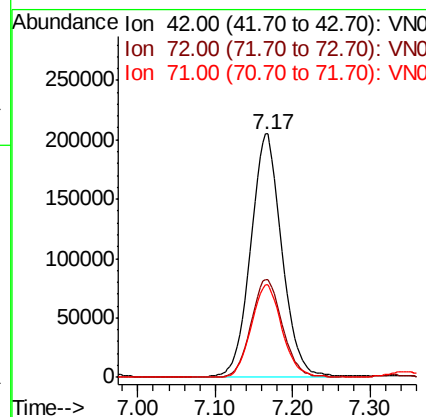
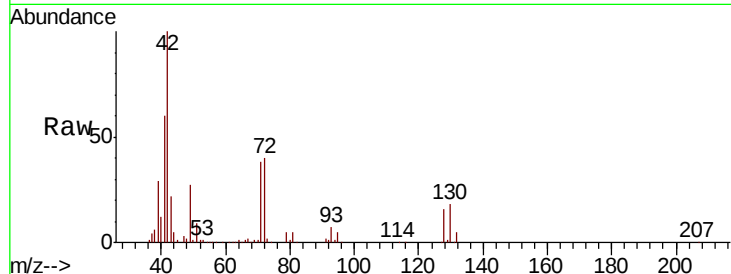
#29
Tetrahydrofuran
Concen: 264.354 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Instrument :
MSVOA_N
ClientSampleId :
FC-MW03SR1-20200910MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.6	31.4	47.2
71	37.8	30.0	45.0

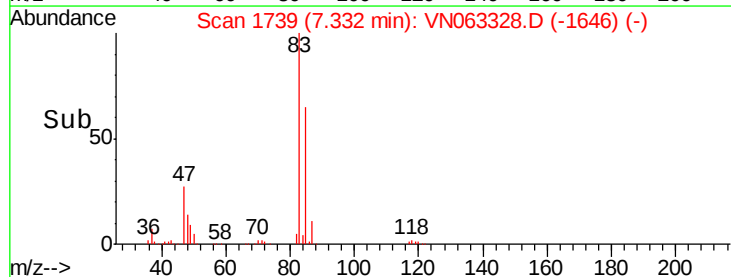
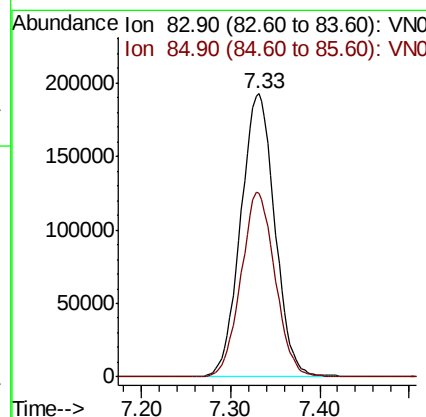
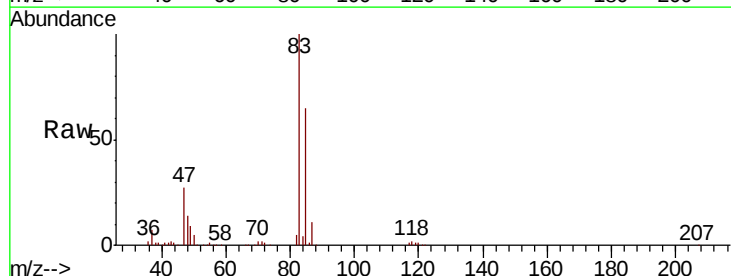
Manual Integrations
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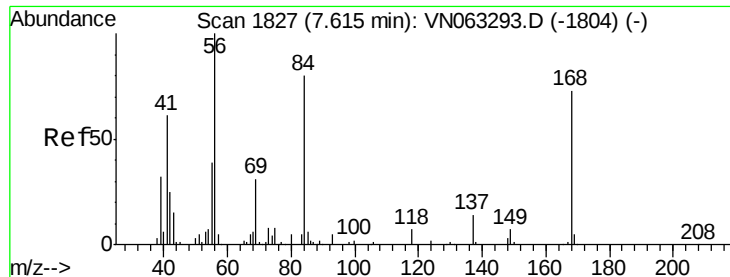
MMDadoda
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#30
Chloroform
Concen: 51.010 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.2	76.8





#31

Cyclohexane

Concen: 50.366 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Instrument :

MSVOA_N

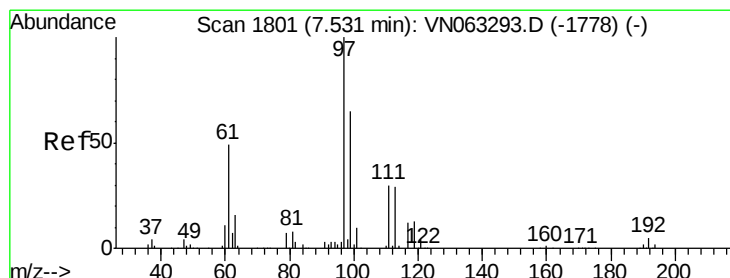
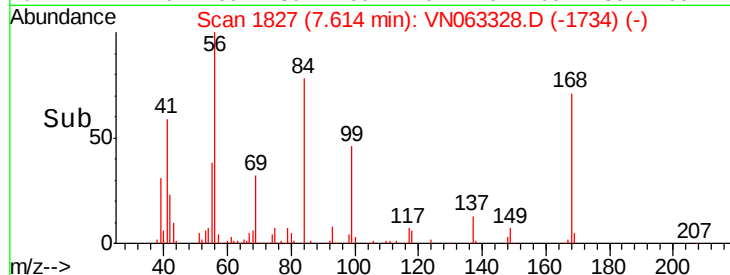
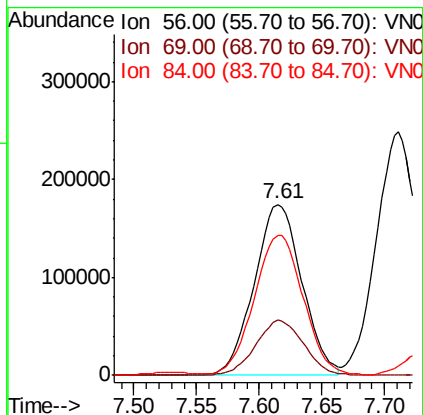
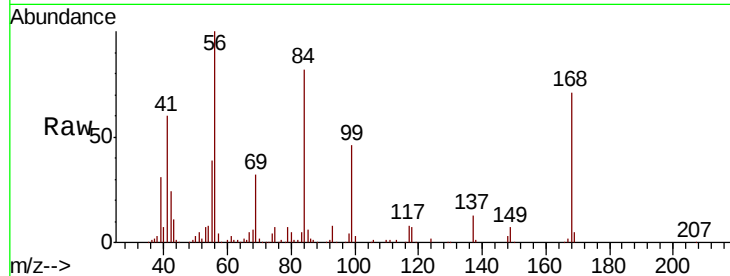
ClientSampleId :

FC-MW03SR1-20200910MSD

Tot Ion:	56	Resp:	463396
Ion Ratio	Lower	Upper	
56	100		
69	32.0	25.1	37.7
84	80.4	64.2	96.2

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#32

1,1,1-Trichloroethane

Concen: 50.662 ug/l

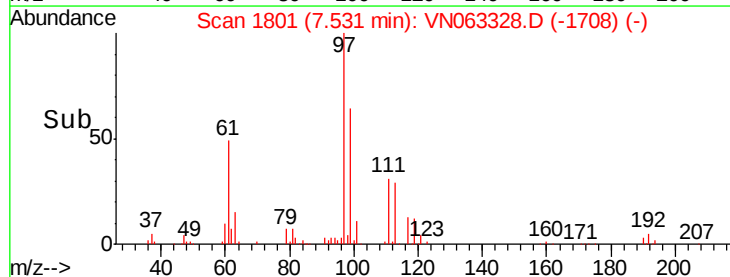
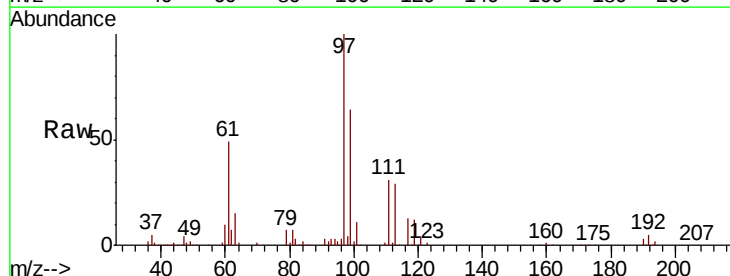
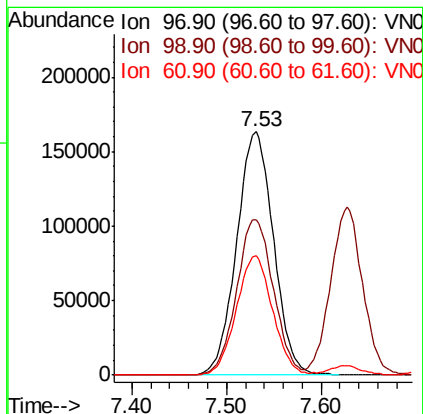
RT: 7.53 min Scan# 1801

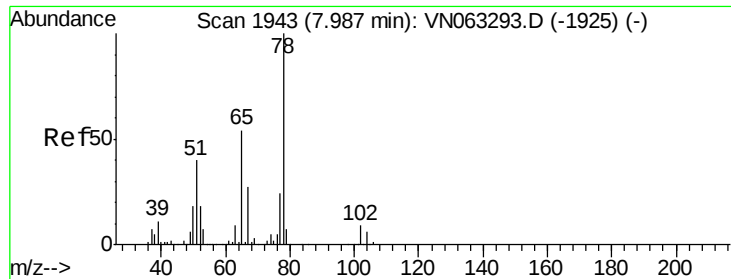
Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Tgt Ion:	97	Resp:	442629
Ion Ratio	Lower	Upper	
97	100		
99	63.8	51.4	77.2
61	48.3	38.9	58.3





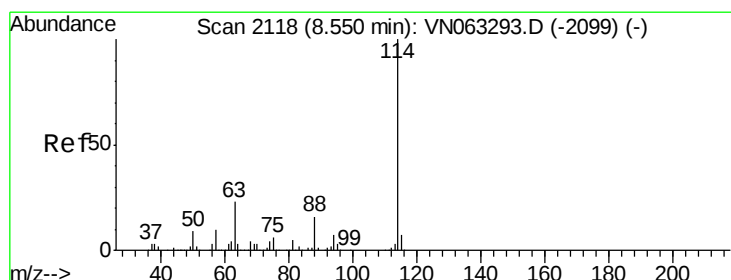
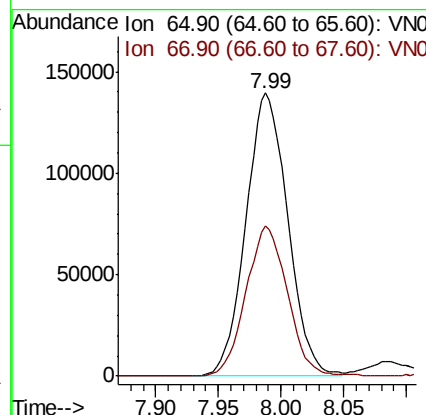
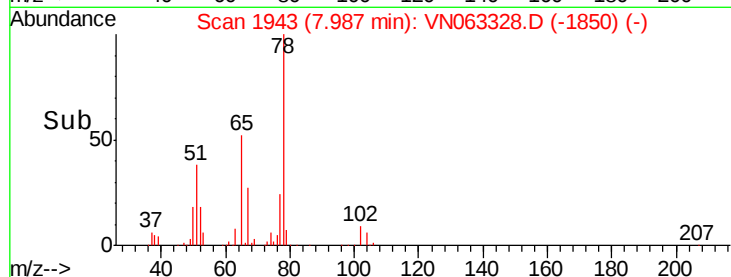
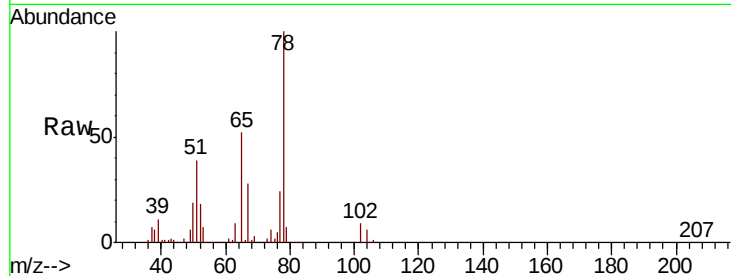
#33
 1,2-Dichloroethane-d4
 Concen: 49.408 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

Instrument :
 MSVOA_N
 ClientSampleId :
 FC-MW03SR1-20200910MSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	104.6

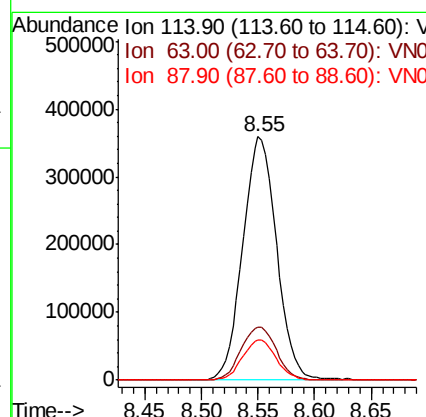
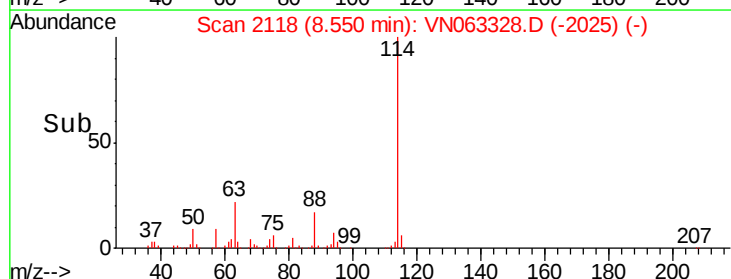
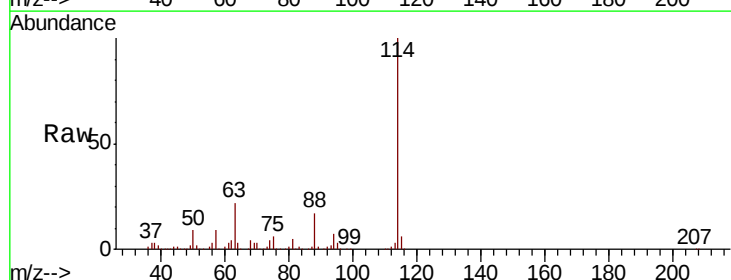
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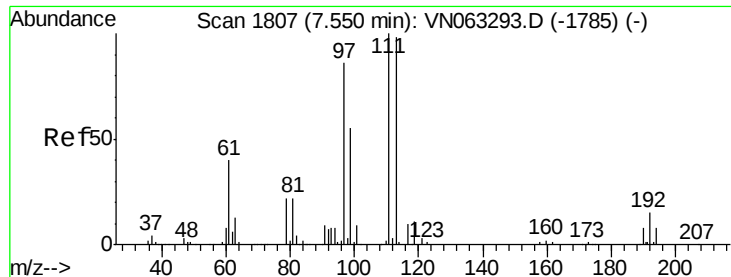
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	46.0
88	16.7	0.0	32.8





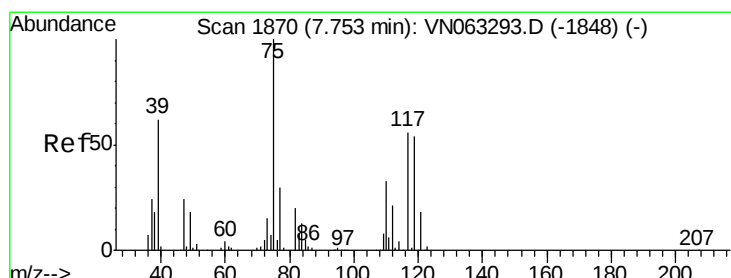
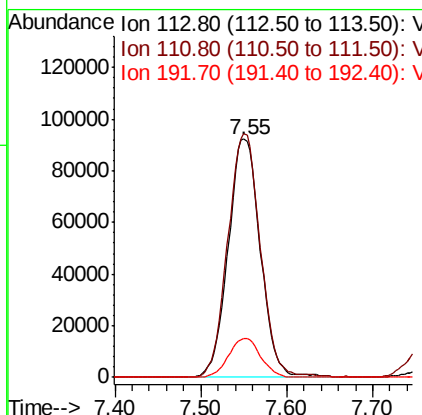
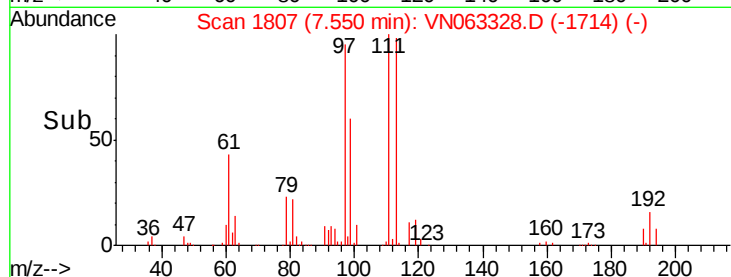
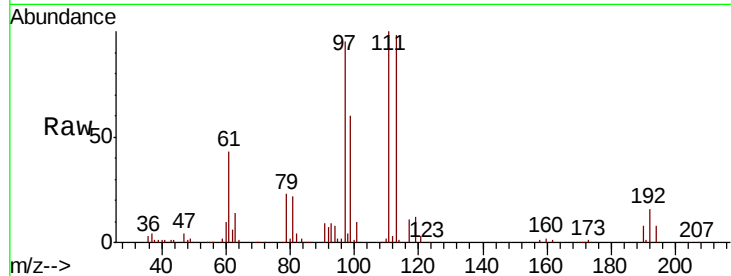
#35
 Dibromofluoromethane
 Concen: 49.597 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

Instrument :
 MSVOA_N
 ClientSampleId :
 FC-MW03SR1-20200910MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	239981		
111	102.5	82.2	123.2	
192	16.3	12.9	19.3	

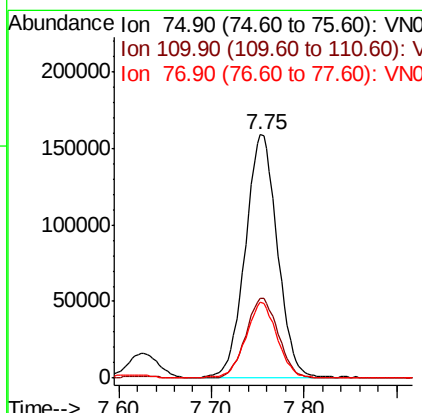
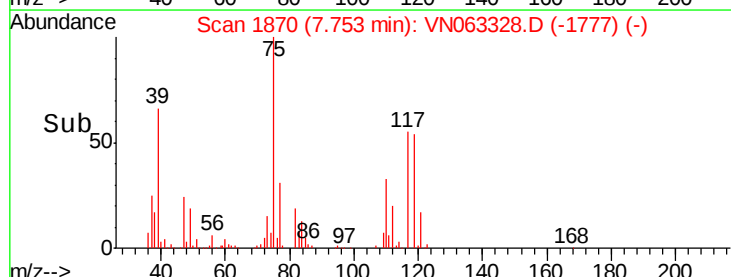
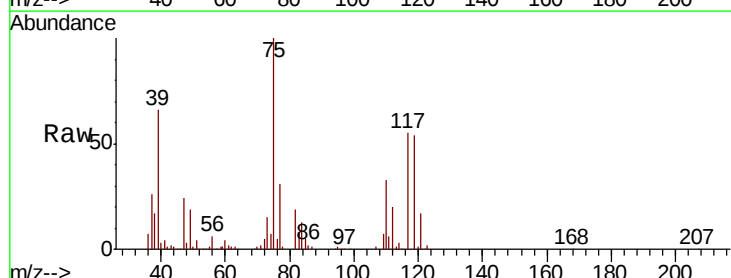
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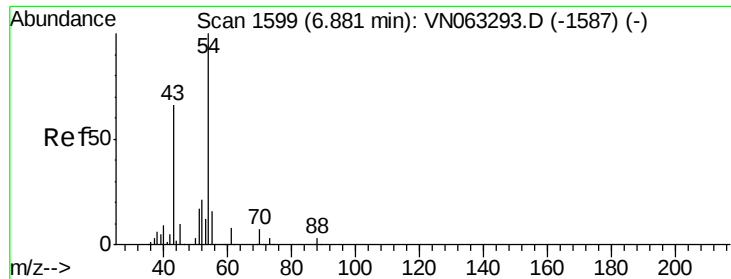
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#36
 1,1-Dichloropropene
 Concen: 49.328 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	380290		
110	33.1	16.4	49.4	
77	30.7	24.8	37.2	





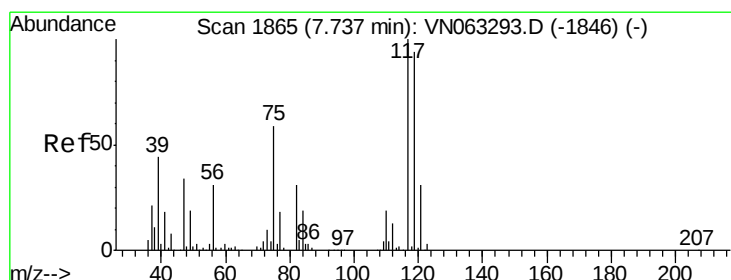
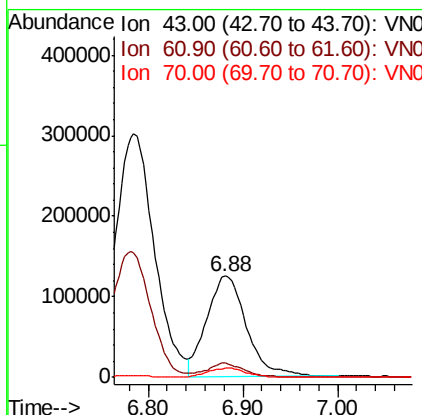
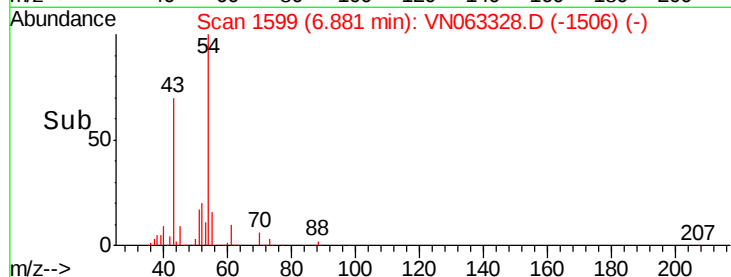
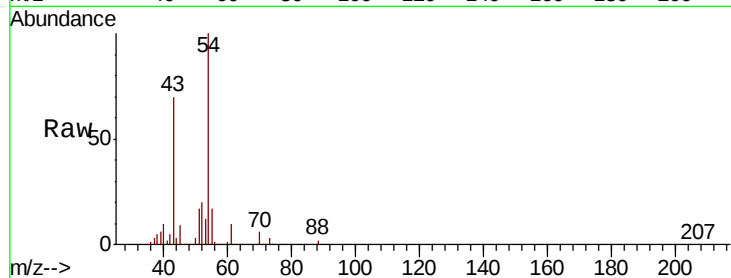
#37
Ethyl Acetate
Concen: 47.875 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Instrument :
MSVOA_N
ClientSampleId :
FC-MW03SR1-20200910MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.1	15.1
70	9.2	7.4	11.2

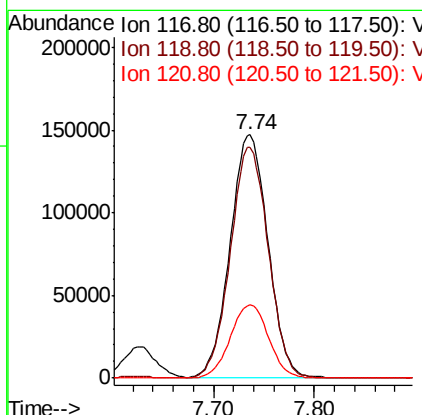
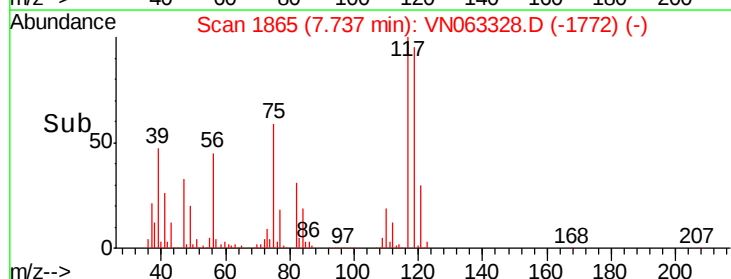
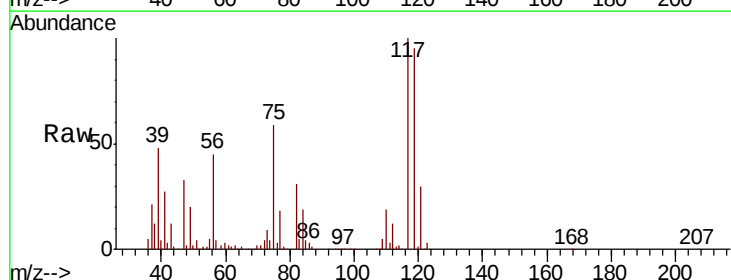
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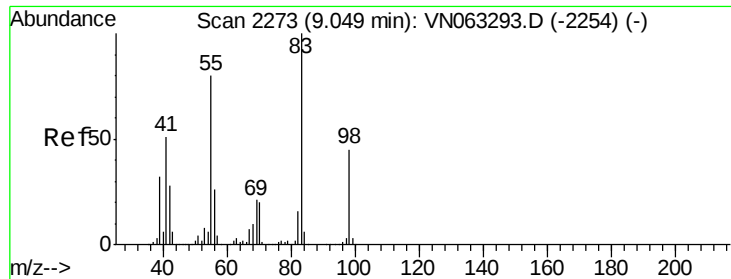
MMDadoda
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#38
Carbon Tetrachloride
Concen: 50.324 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.3	112.9
121	30.2	24.6	37.0





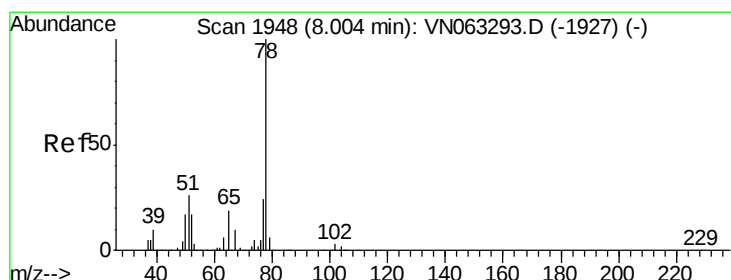
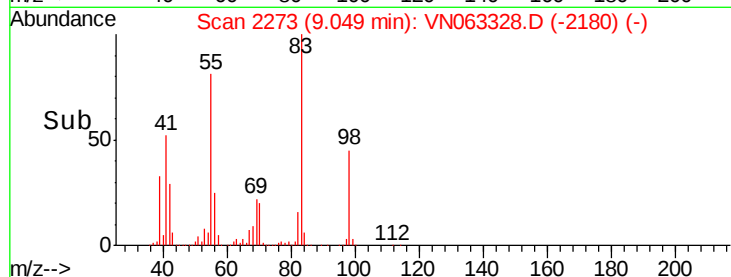
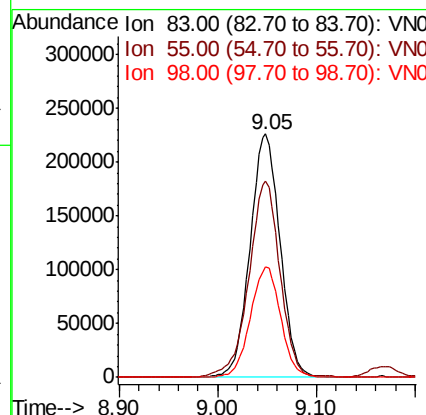
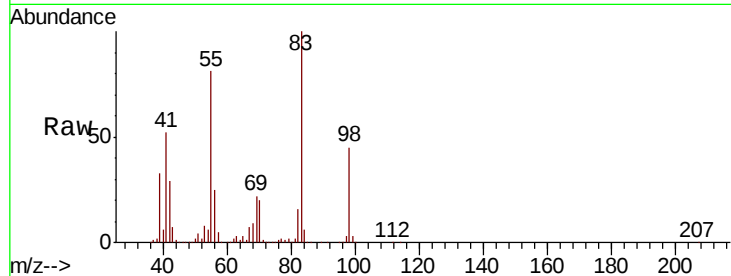
#39
Methvlcvclohexane
Concen: 56.515 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Instrument :
MSVOA_N
ClientSampleId :
FC-MW03SR1-20200910MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.6	64.0	96.0
98	45.4	36.4	54.6

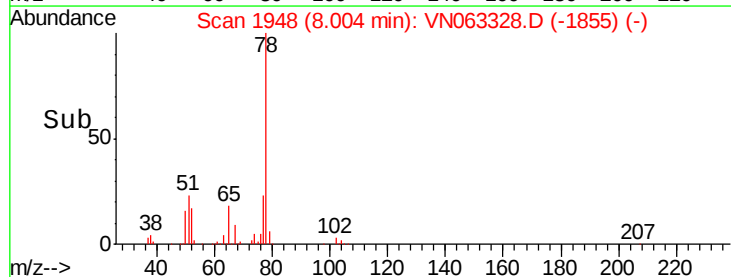
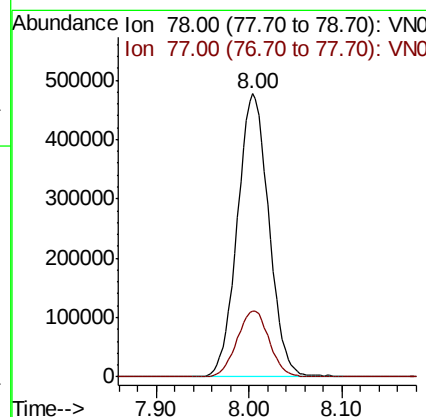
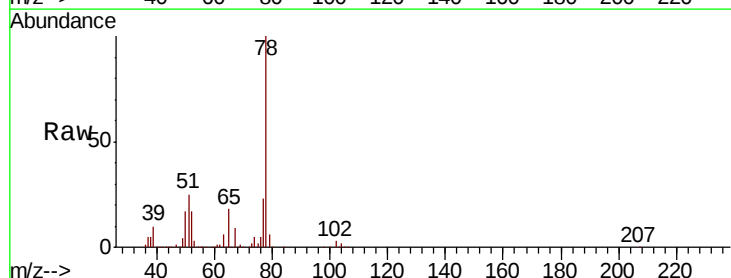
Manual Integrations
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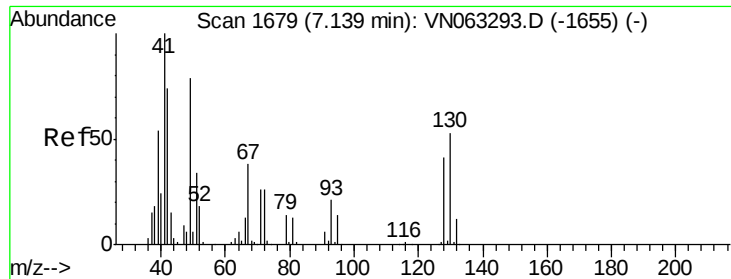
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#40
Benzene
Concen: 51.008 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.8	28.2





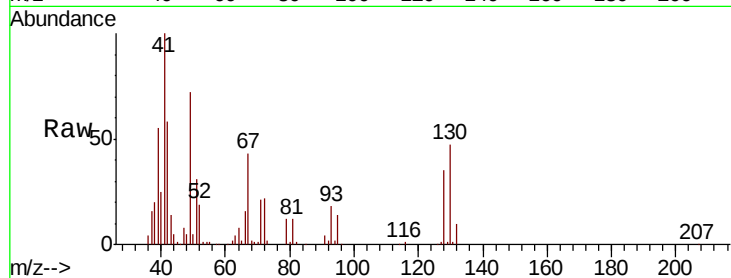
#41
Methacrylonitrile
Concen: 53.471 ug/l m
RT: 7.14 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Instrument :
MSVOA_N
ClientSampleId :
FC-MW03SR1-20200910MSD

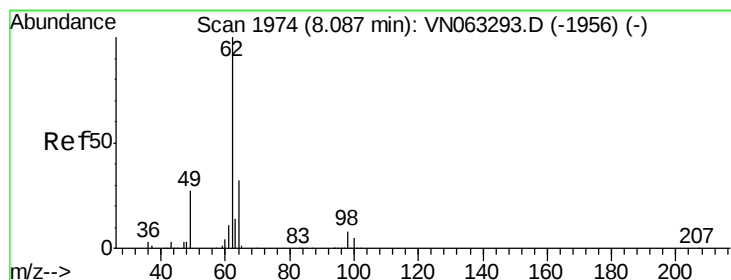
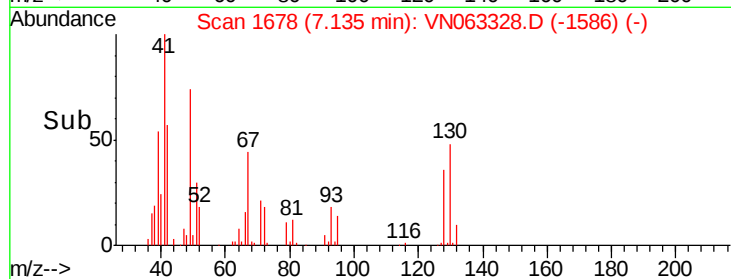
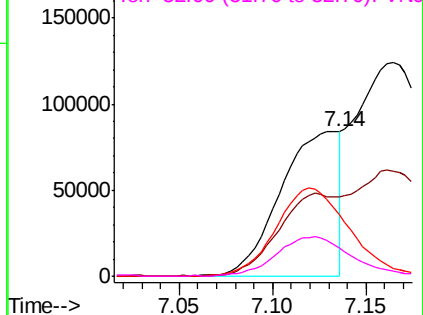
Tot Ion	41	Resp	183446
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

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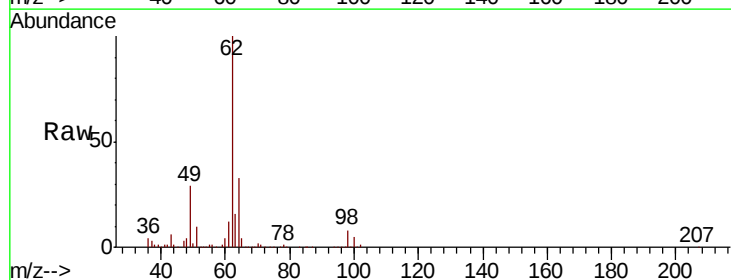


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

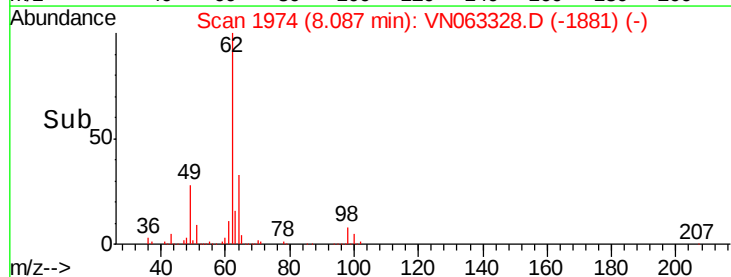
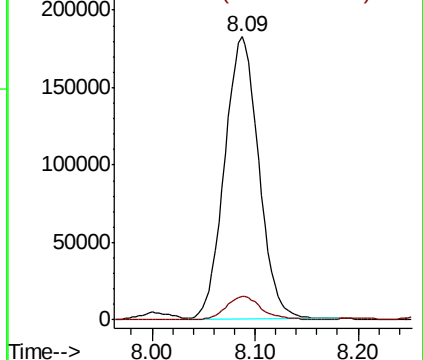


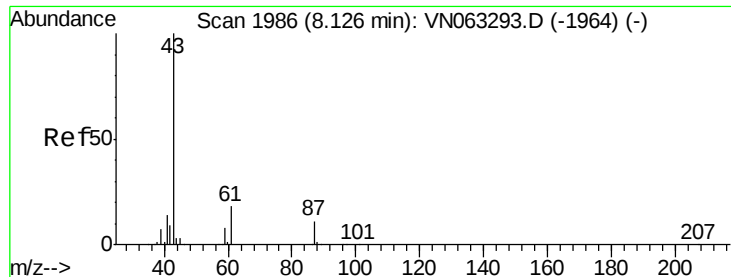
#42
1,2-Dichloroethane
Concen: 50.524 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Tgt Ion	62	Resp	422095
Ion Ratio	Lower	Upper	
62	100		
98	8.7	0.0	15.4



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





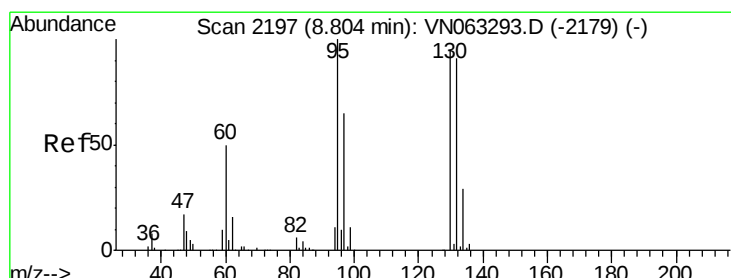
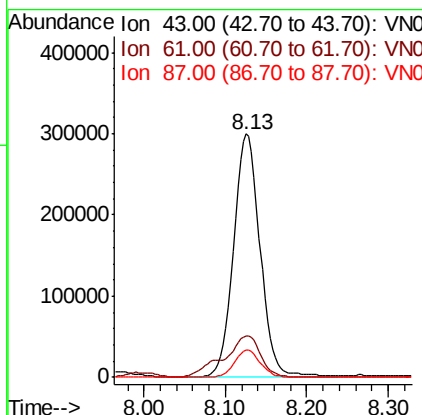
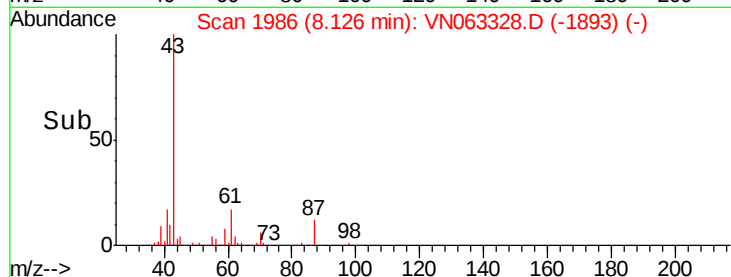
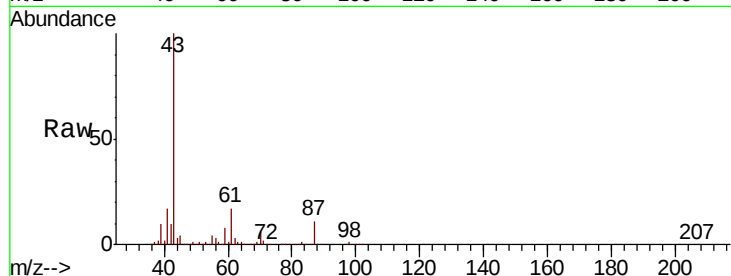
#43
Isopropyl Acetate
Concen: 52.587 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Instrument :
MSVOA_N
ClientSampleId :
FC-MW03SR1-20200910MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.8	15.1	22.7
87	11.0	9.2	13.8

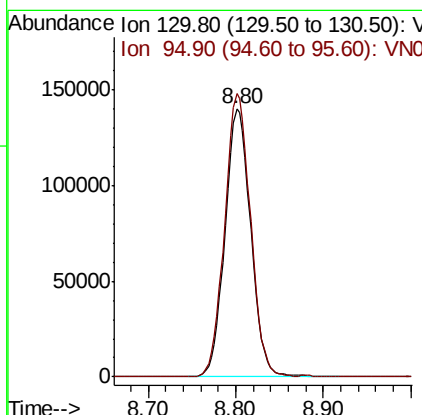
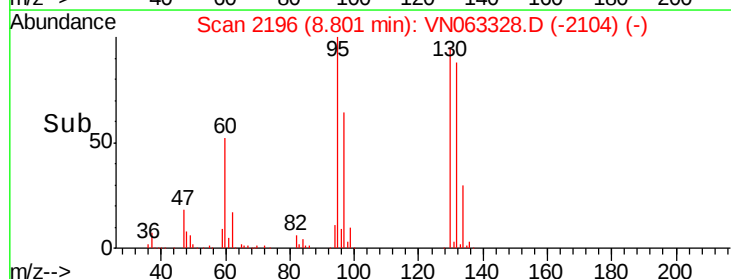
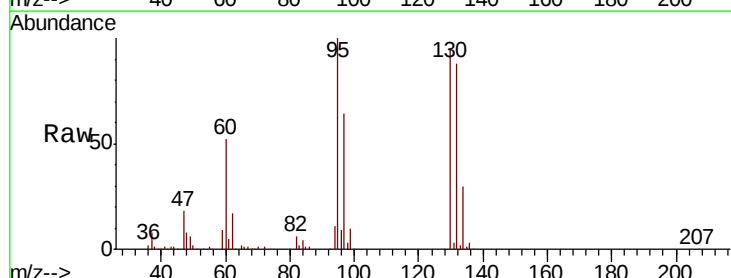
Manual Integrations
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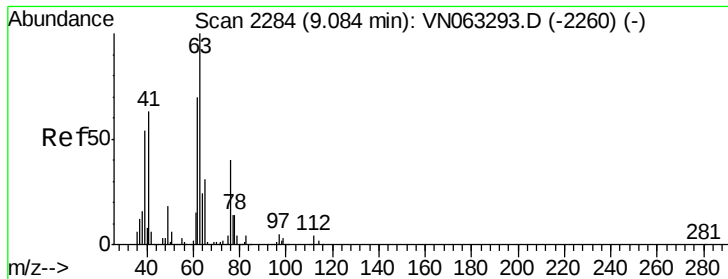
MMDadoda
9/14/2020 12:08:33 PM



#44
Trichloroethene
Concen: 49.906 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.5	0.0	210.8





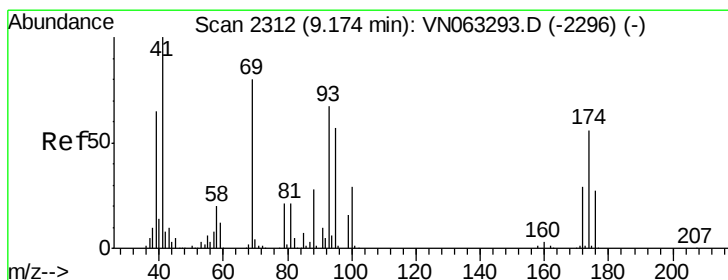
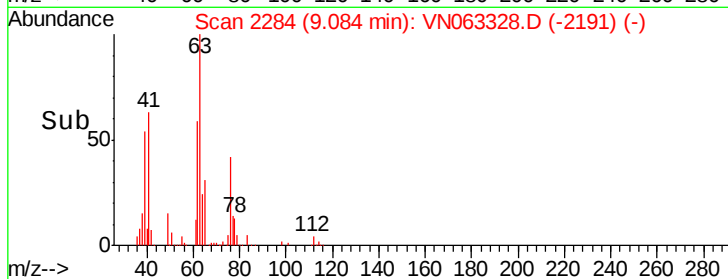
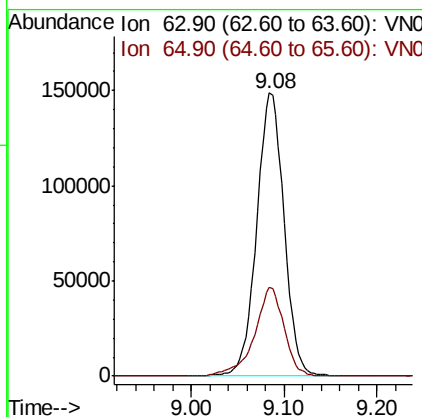
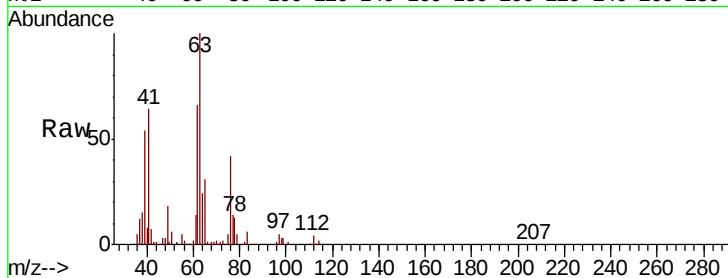
#45
 1,2-Dichloropropane
 Concen: 50.700 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

Instrument :
 MSVOA_N
 ClientSampleId :
 FC-MW03SR1-20200910MSD

Tot Ion	63	Resp	306219
Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.6	36.8

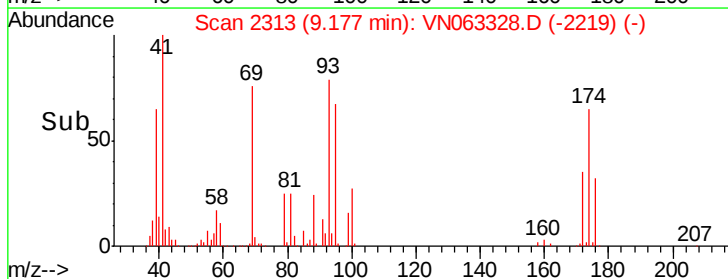
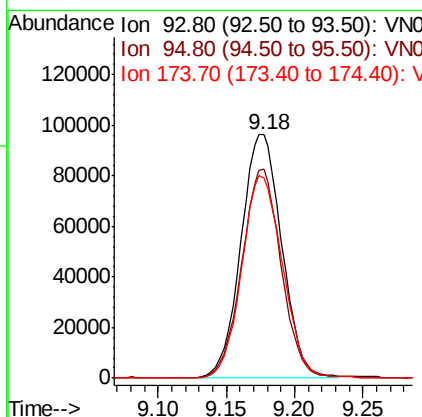
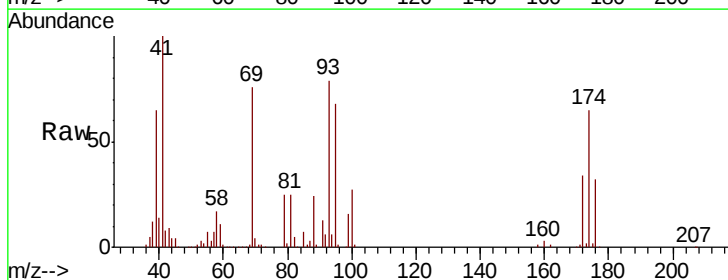
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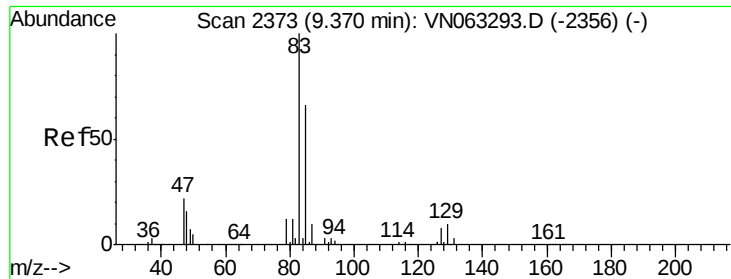
MMDadoda
 9/14/2020 12:08:33 PM



#46
 Dibromomethane
 Concen: 51.135 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

Tgt Ion	93	Resp	200276
Ion	Ratio	Lower	Upper
93	100		
95	83.0	67.9	101.9
174	83.2	66.9	100.3





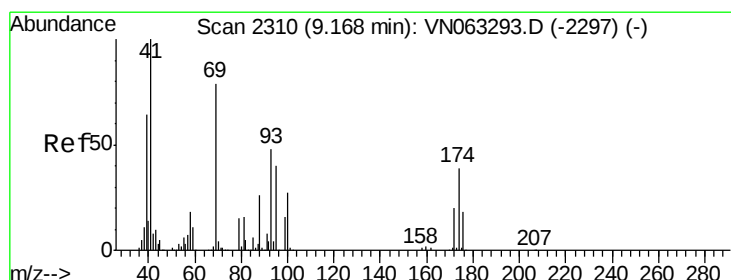
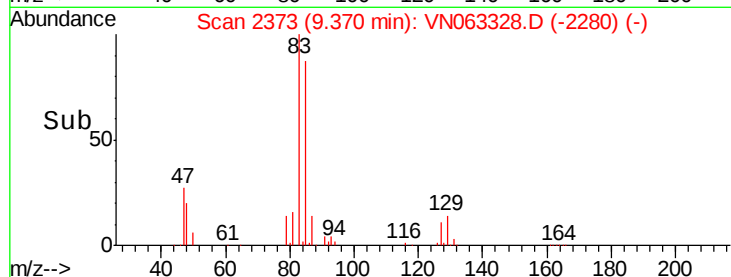
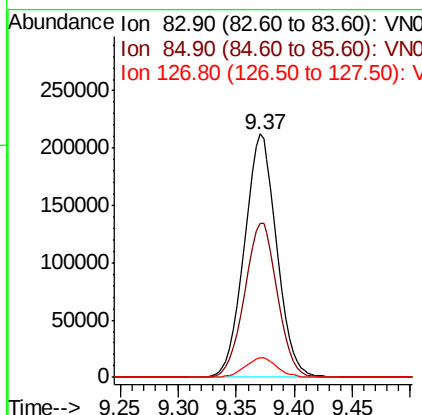
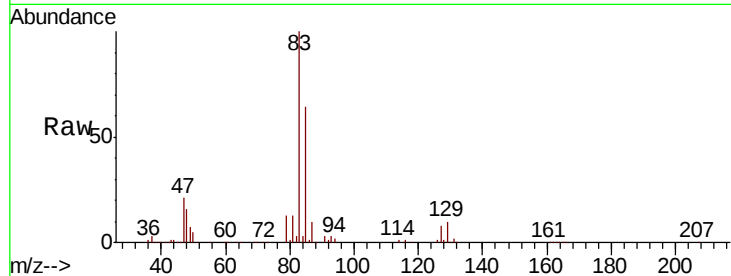
#47
Bromodichloromethane
Concen: 50.543 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Instrument :
MSVOA_N
ClientSampleId :
FC-MW03SR1-20200910MSD

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.5	78.7
127	8.0	6.6	10.0

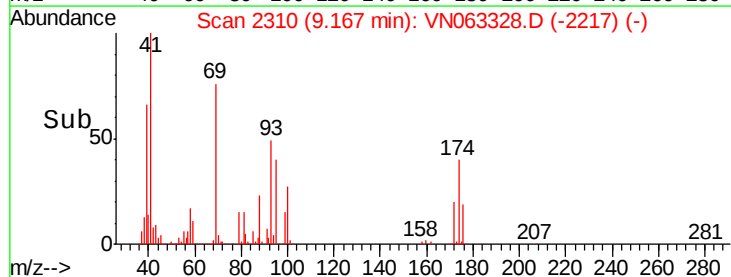
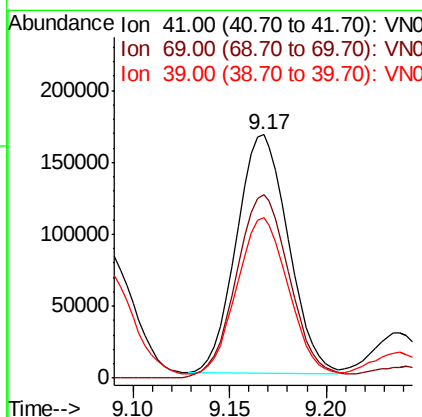
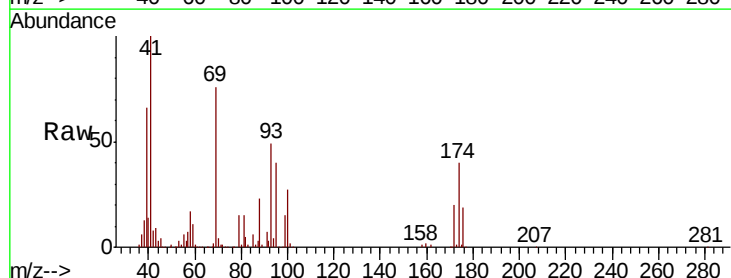
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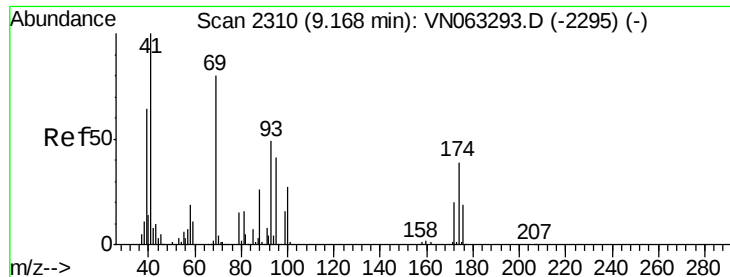
MMDadoda
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#48
Methyl methacrylate
Concen: 50.721 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
41	100		
69	78.8	63.6	95.4
39	67.8	53.2	79.8





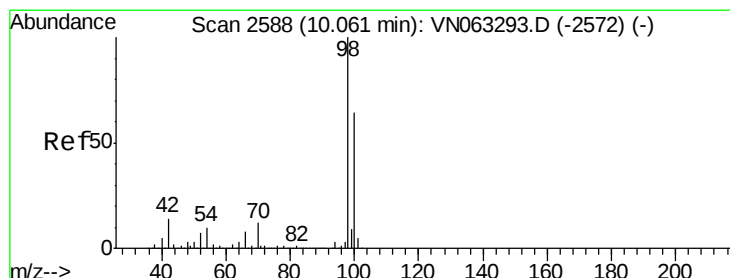
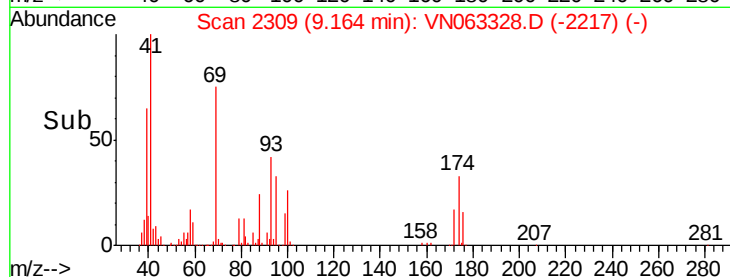
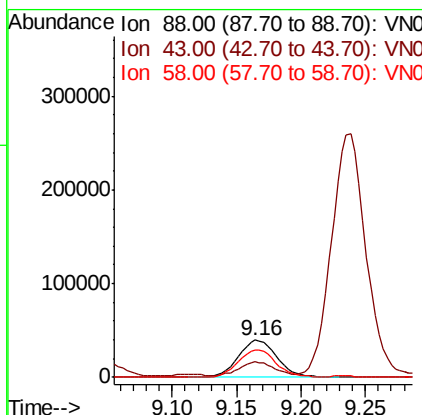
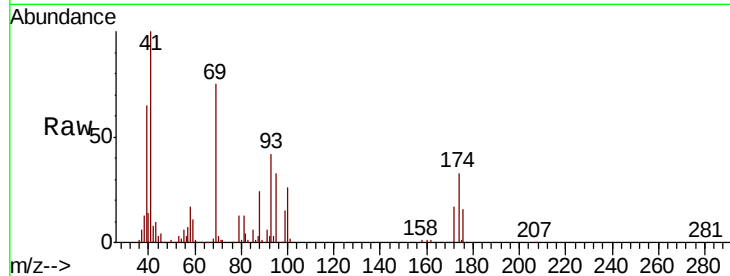
#49
1,4-Dioxane
Concen: 885.839 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Instrument :
MSVOA_N
ClientSampleId :
FC-MW03SR1-20200910MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.5	30.5	45.7
58	71.8	58.9	88.3

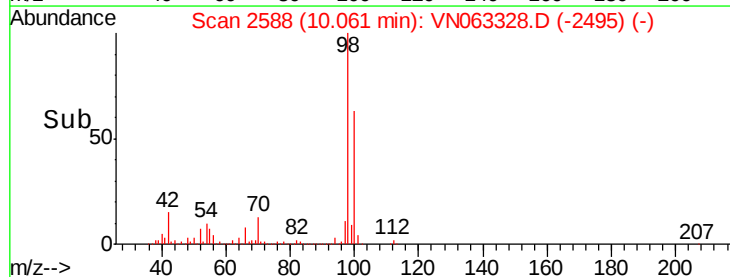
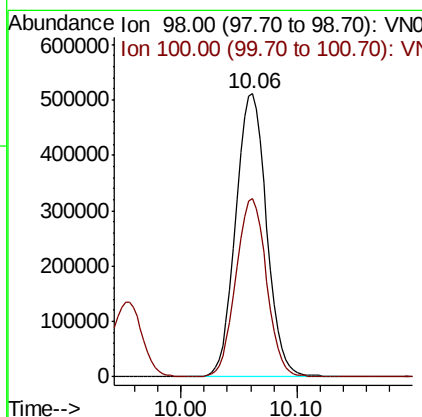
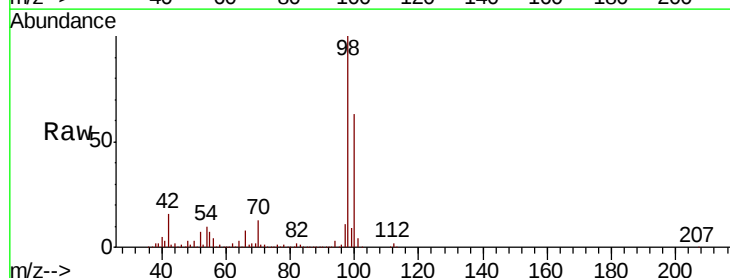
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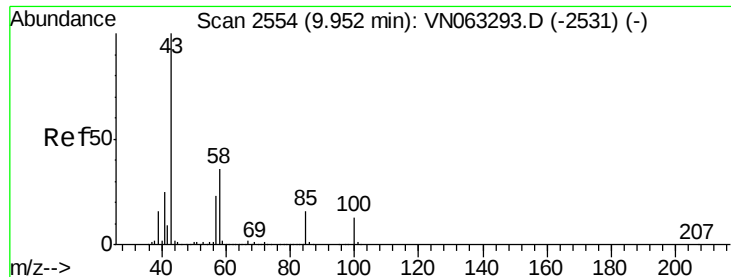
MMDadoda
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#50
Toluene-d8
Concen: 51.023 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.5	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 274.274 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Instrument :

MSVOA_N

ClientSampleId :

FC-MW03SR1-20200910MSD

Tot Ion: 43 Resp: 1941469

Ion Ratio Lower Upper

43 100

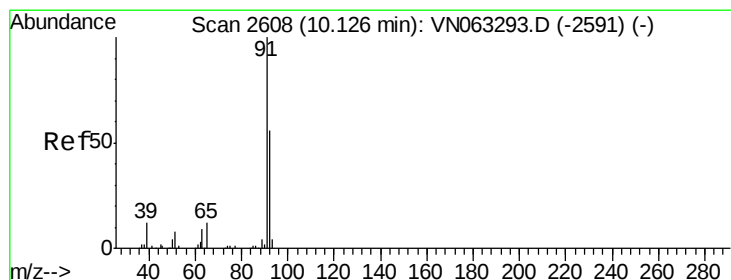
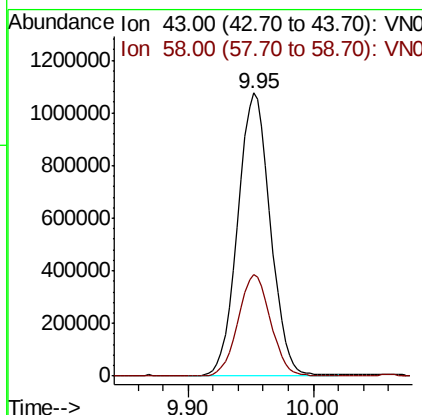
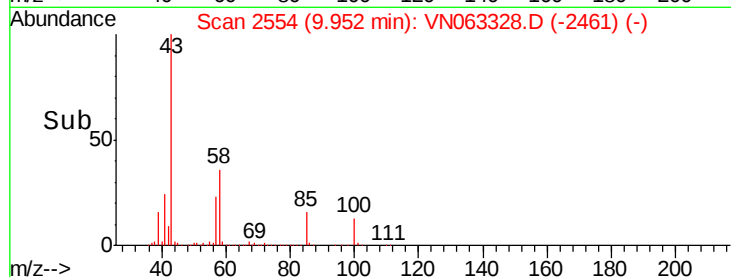
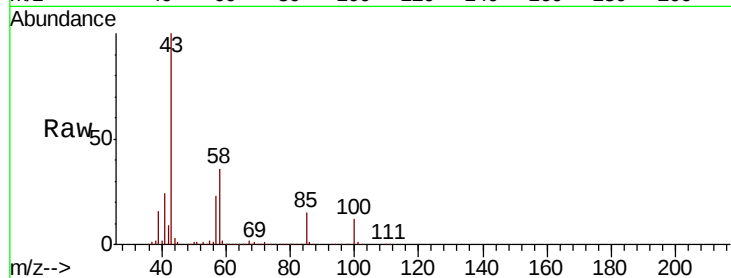
58 35.9 29.0 43.4

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#52

Toluene

Concen: 51.396 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. -0.00 min

Lab File: VN063328.D

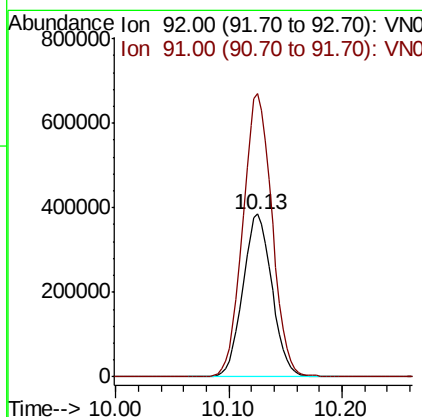
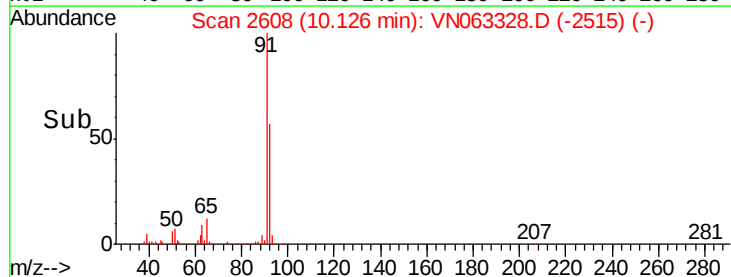
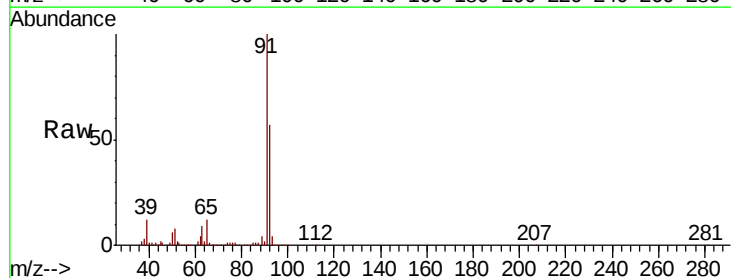
Acq: 11 Sep 2020 20:42

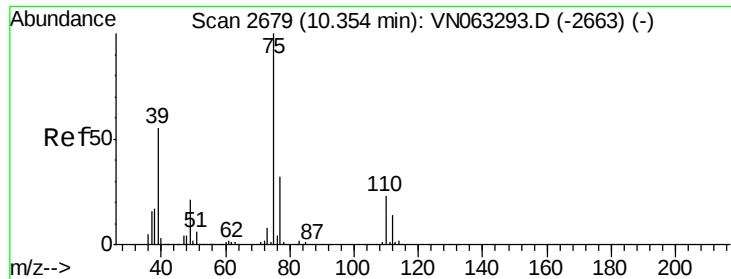
Tgt Ion: 92 Resp: 690973

Ion Ratio Lower Upper

92 100

91 174.1 141.2 211.8





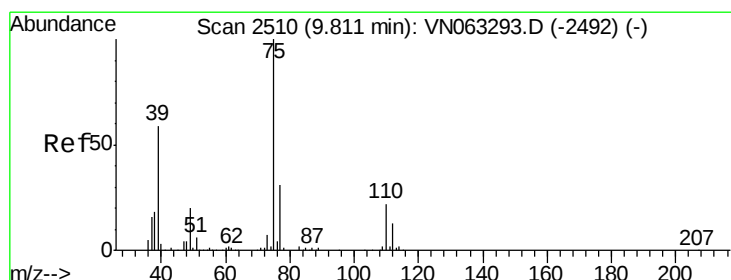
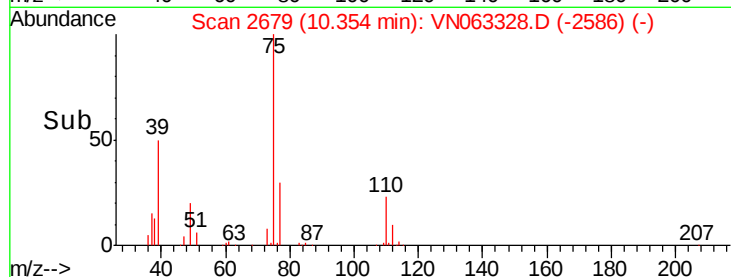
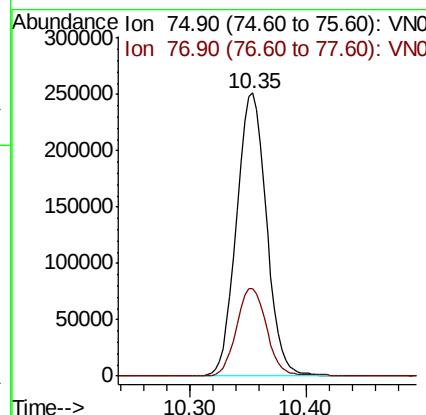
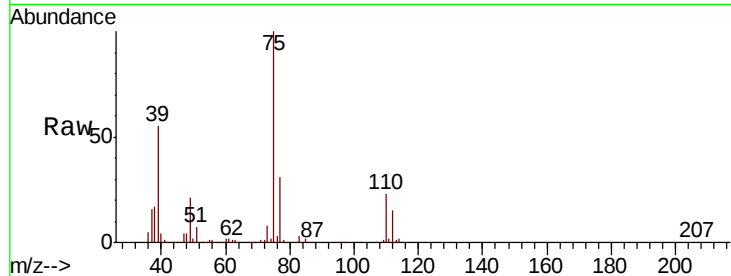
#53
t-1,3-Dichloropropene
Concen: 50.309 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Instrument :
MSVOA_N
ClientSampleId :
FC-MW03SR1-20200910MSD

Tot Ion: 75 Resp: 447780
Ion Ratio Lower Upper
75 100
77 31.0 25.7 38.5

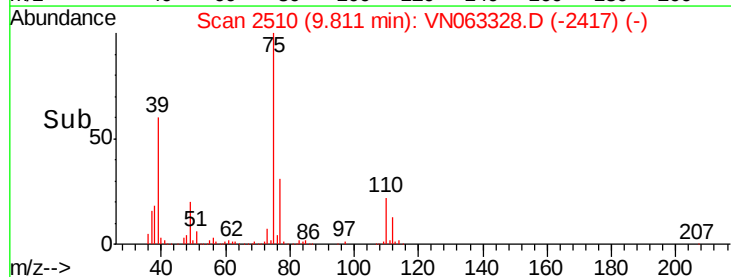
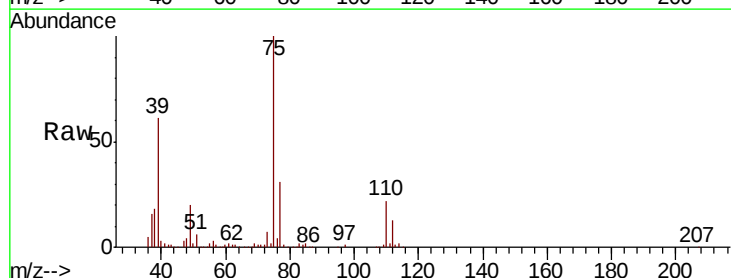
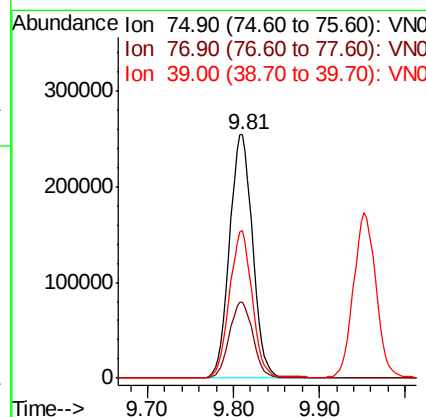
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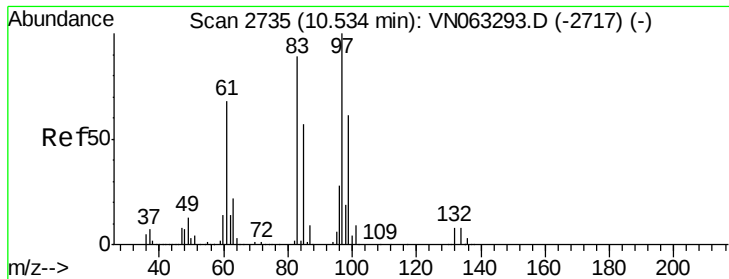
MMDadoda
9/14/2020 12:08:33 PM



#54
cis-1,3-Dichloropropene
Concen: 49.658 ug/l
RT: 9.81 min Scan# 2510
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Tgt Ion: 75 Resp: 475878
Ion Ratio Lower Upper
75 100
77 31.0 24.7 37.1
39 60.5 47.2 70.8





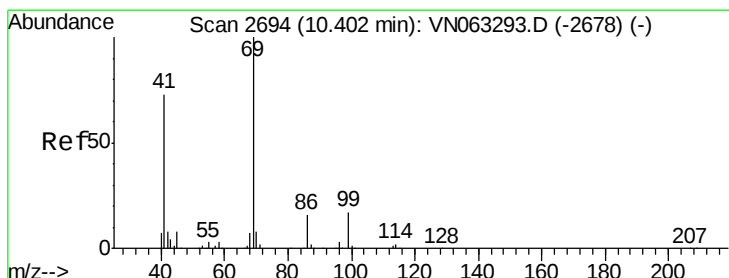
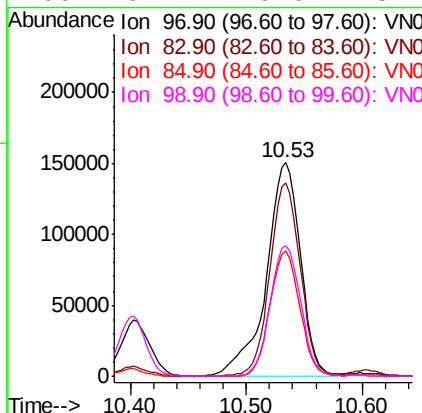
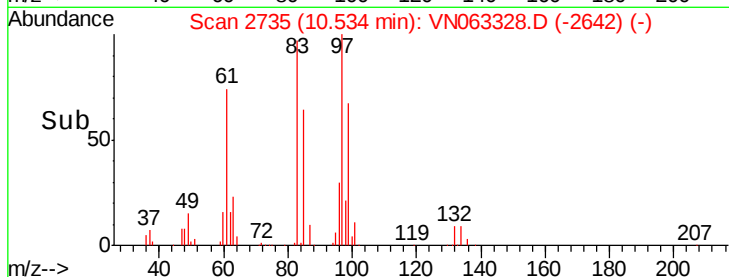
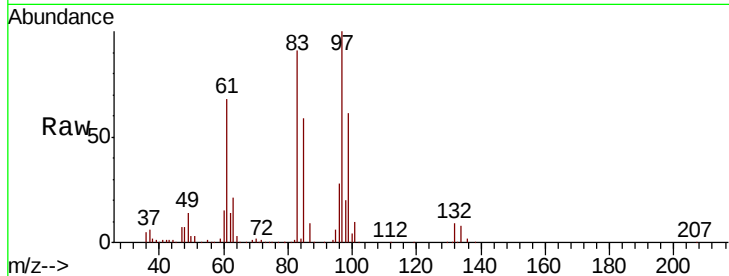
#55
 1,1,2-Trichloroethane
 Concen: 58.323 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

Instrument :
 MSVOA_N
 ClientSampleId :
 FC-MW03SR1-20200910MSD

Tot Ion:	97	Resp:	307245
Ion	Ratio	Lower	Upper
97	100		
83	90.6	70.8	106.2
85	58.6	45.6	68.4
99	61.1	49.0	73.4

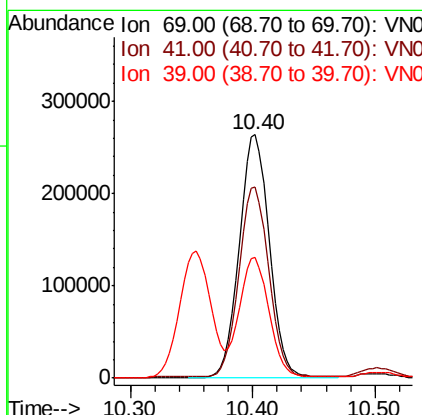
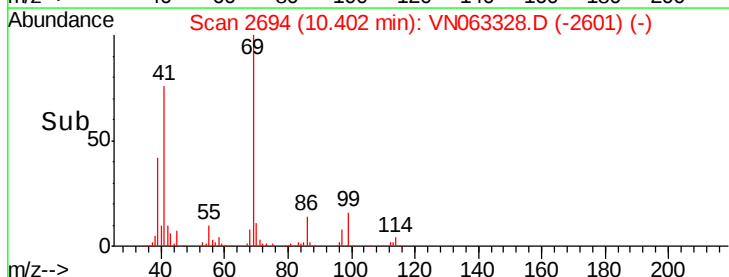
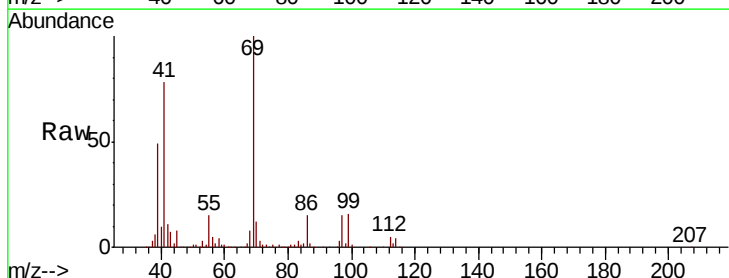
Manual Integrations
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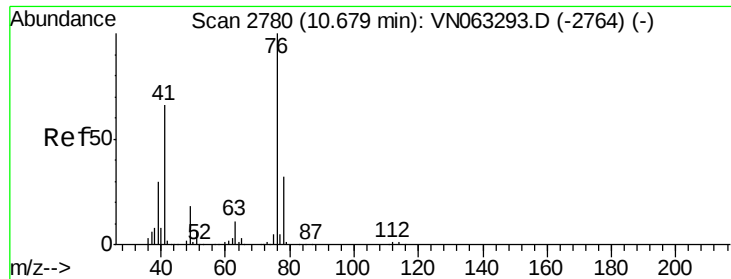
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 9/14/2020 12:08:33 PM



#56
 Ethyl methacrylate
 Concen: 55.798 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. -0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

Tgt Ion:	69	Resp:	446997
Ion	Ratio	Lower	Upper
69	100		
41	77.7	58.4	87.6
39	49.8	38.6	58.0





#57

1,3-Dichloropropane

Concen: 52.150 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Instrument :

MSVOA_N

ClientSampleId :

FC-MW03SR1-20200910MSD

Tot Ion: 76 Resp: 480069

Ion Ratio Lower Upper

76 100

78 32.0

25.7

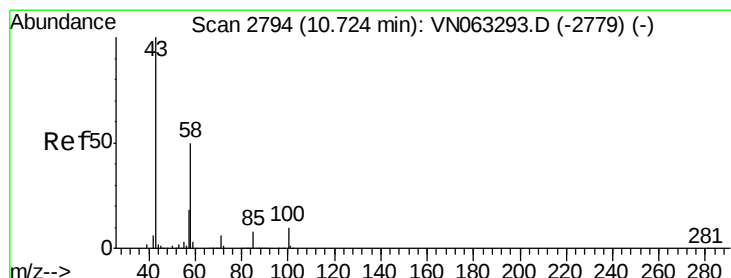
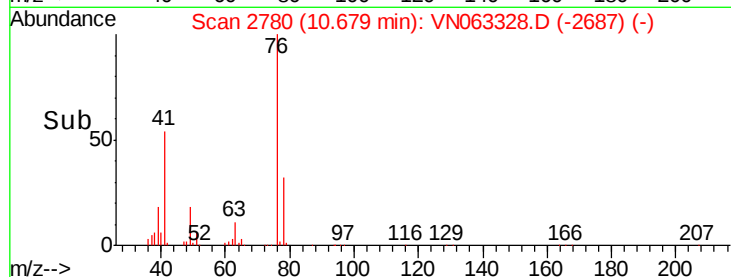
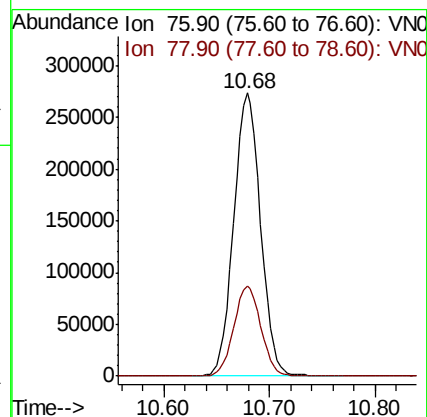
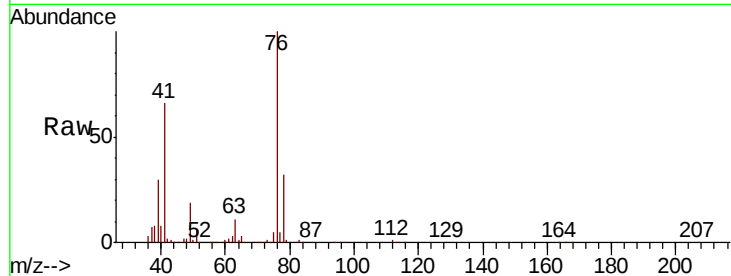
38.5

Manual Integrations

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#59

2-Hexanone

Concen: 270.346 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Tgt Ion: 43 Resp: 1411343

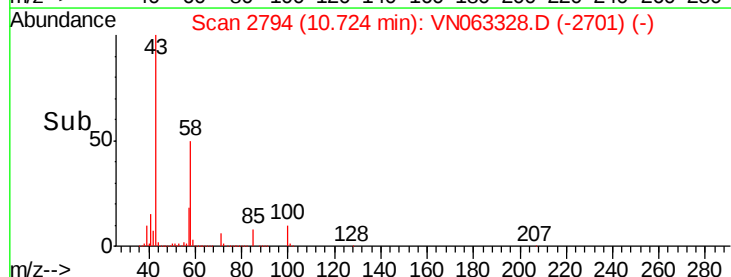
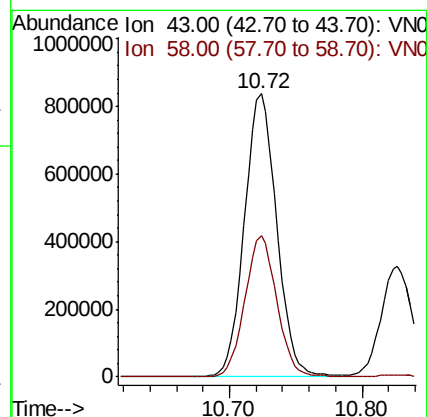
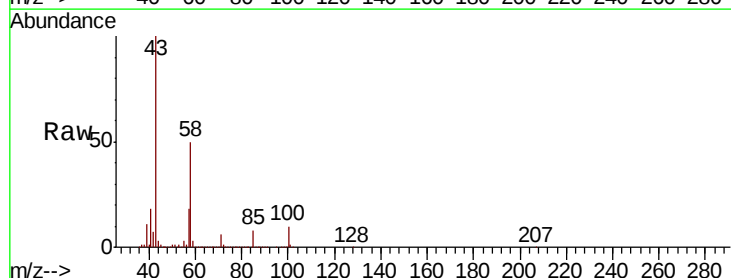
Ion Ratio Lower Upper

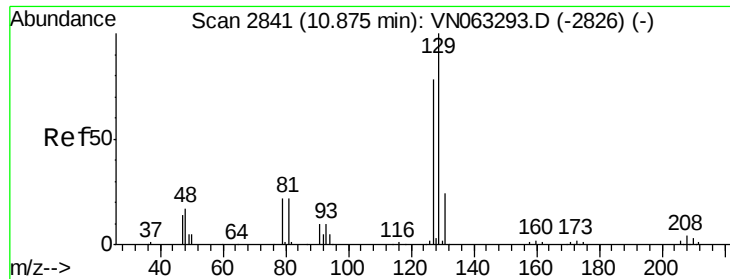
43 100

58 49.6

25.1

75.3





#60

Dibromochloromethane

Concen: 52.796 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Instrument :

MSVOA_N

ClientSampleId :

FC-MW03SR1-20200910MSD

Tot Ion:129 Resp: 305422

Ion Ratio Lower Upper

129 100

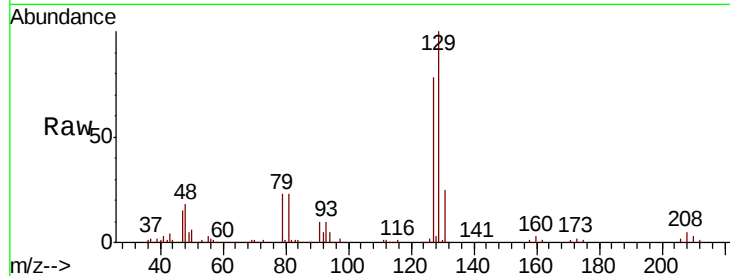
127 77.5 39.0 117.0

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.87

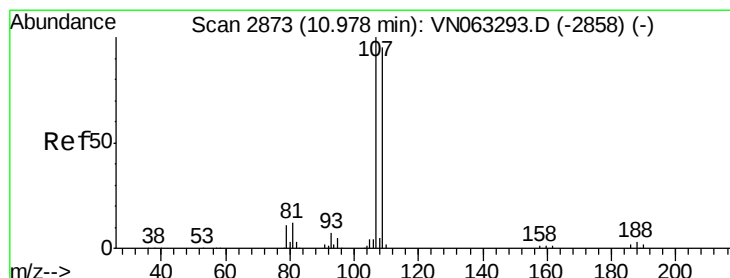
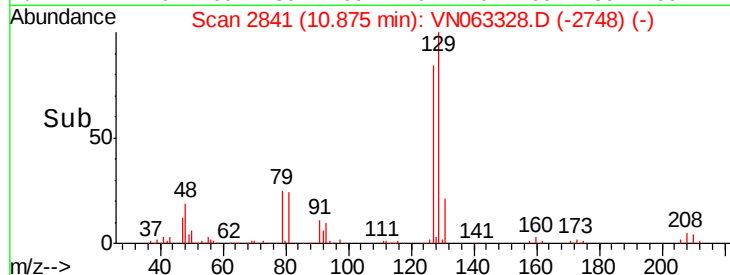
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 51.829 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063328.D

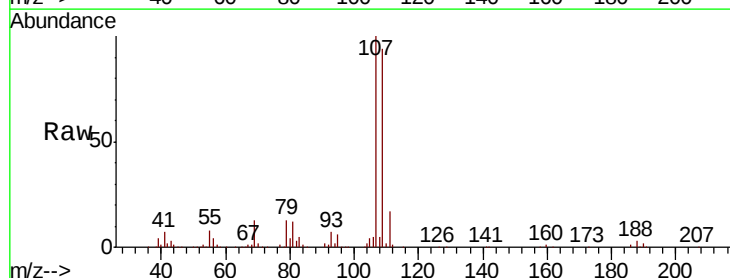
Acq: 11 Sep 2020 20:42

Tgt Ion:107 Resp: 284643

Ion Ratio Lower Upper

107 100

109 94.0 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

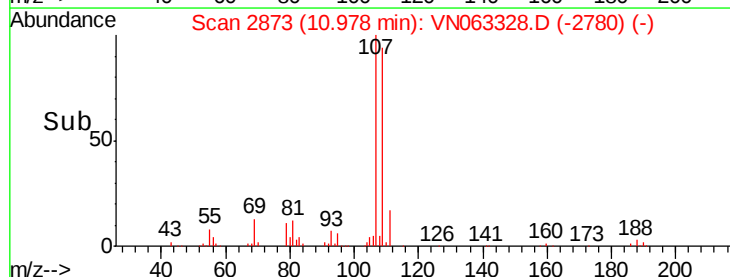
150000

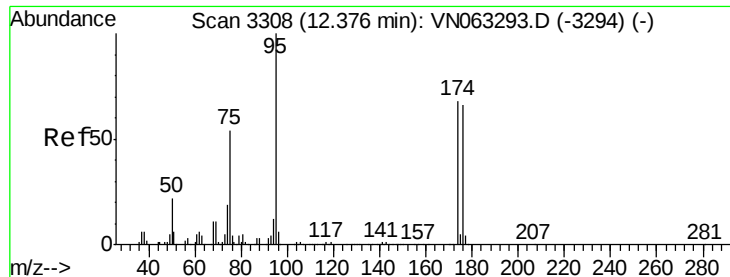
100000

50000

0

Time-->





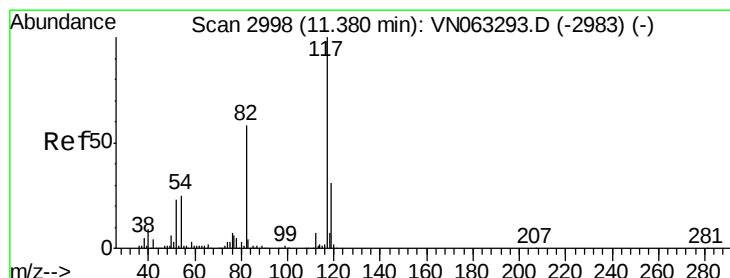
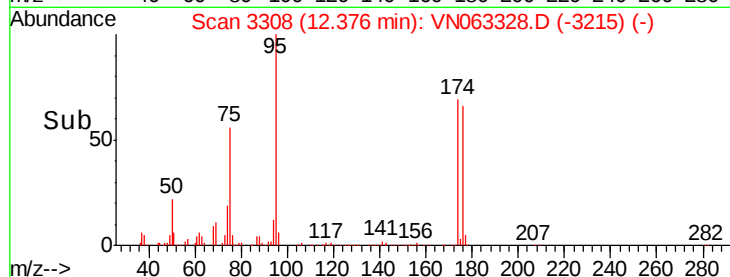
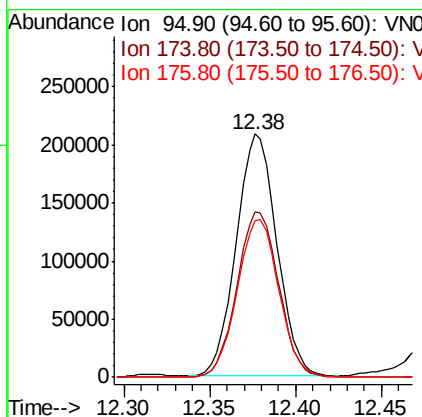
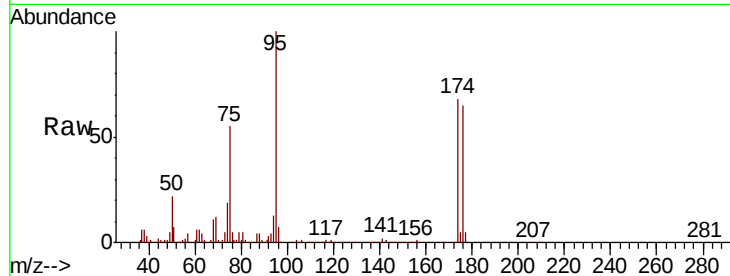
#62
4-Bromofluorobenzene
Concen: 50.096 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Instrument :
MSVOA_N
ClientSampleId :
FC-MW03SR1-20200910MSD

Tot Ion	Ratio	Lower	Upper
95	100		
174	70.3	0.0	136.6
176	66.9	0.0	132.8

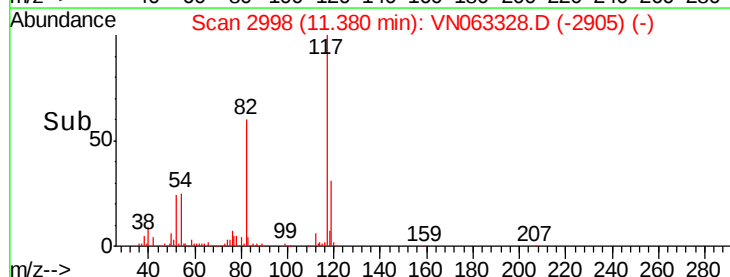
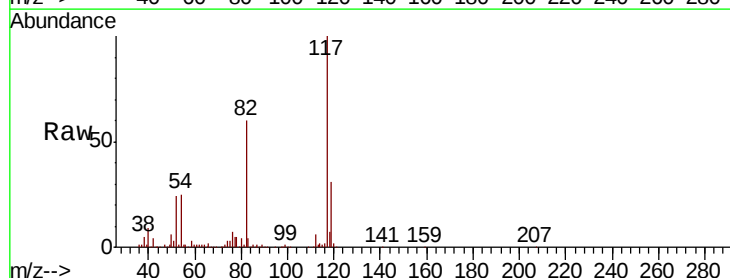
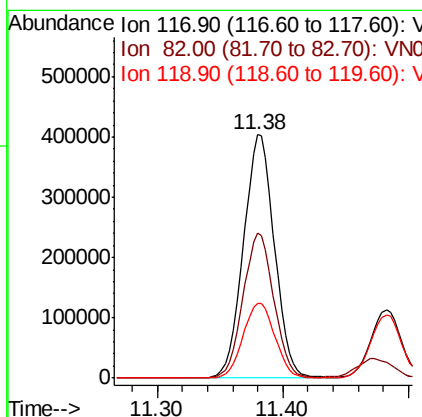
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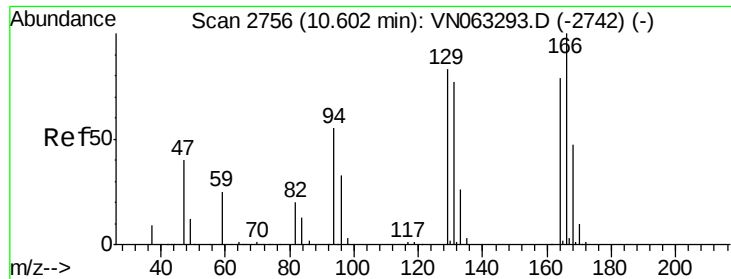
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
117	100		
82	59.5	46.4	69.6
119	30.6	24.8	37.2





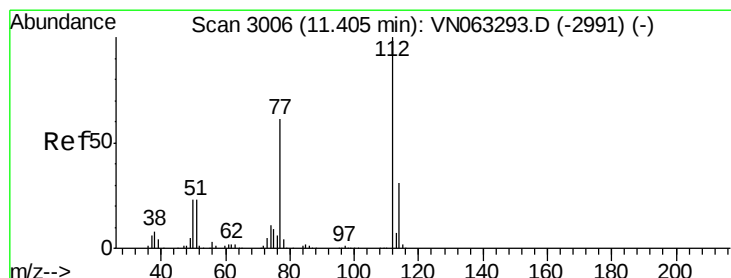
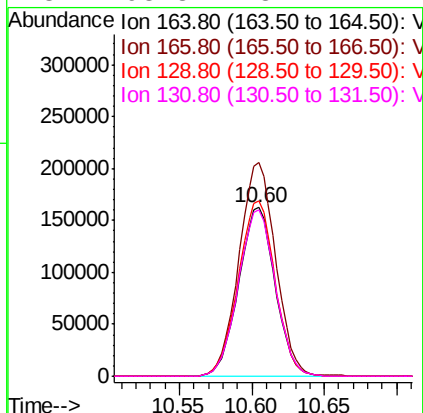
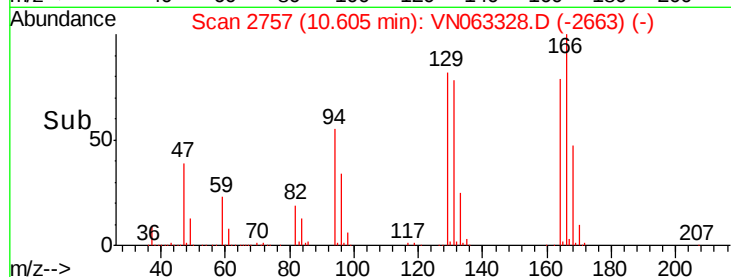
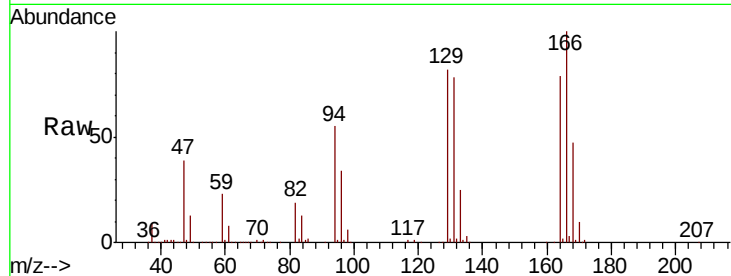
#64
Tetrachloroethene
Concen: 49.853 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Instrument :
MSVOA_N
ClientSampleId :
FC-MW03SR1-20200910MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	126.4	101.3	151.9
129	103.7	83.7	125.5
131	98.3	78.2	117.4

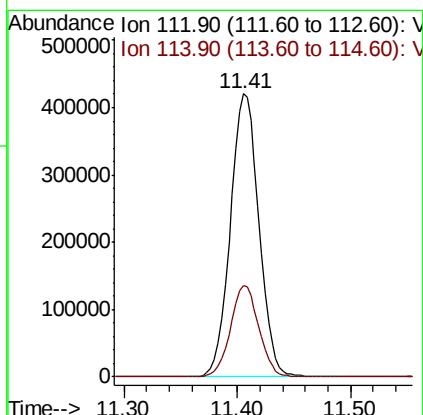
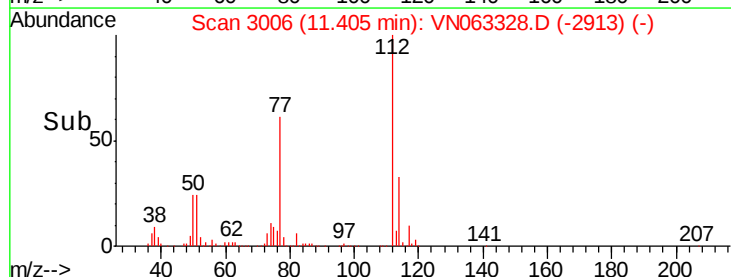
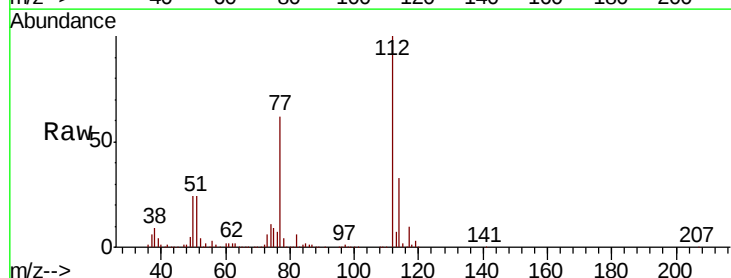
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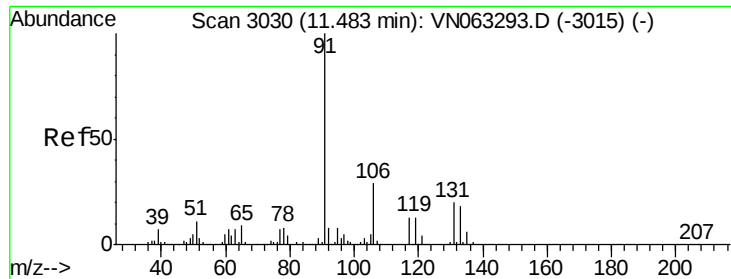
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#65
Chlorobenzene
Concen: 49.427 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.5	24.6	36.8





#66

1,1,1,2-Tetrachloroethane

Concen: 50.447 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Instrument :

MSVOA_N

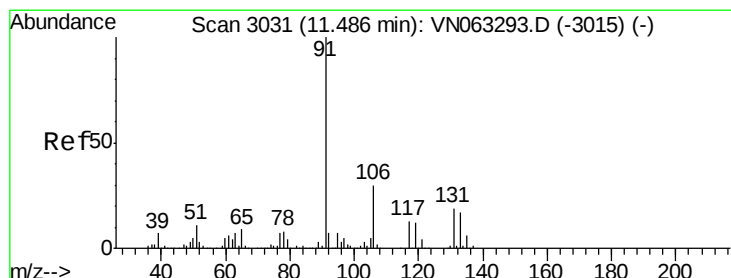
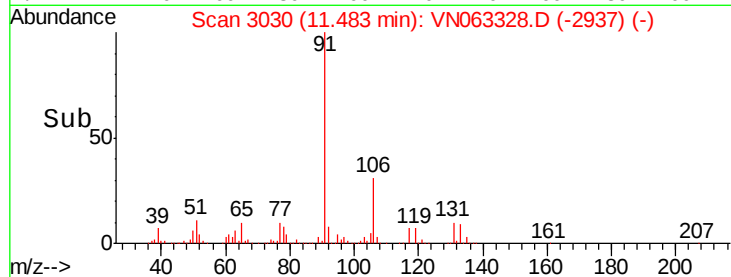
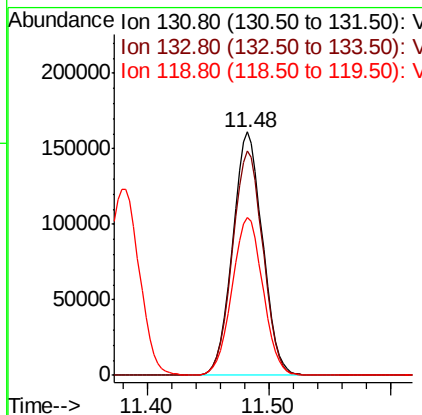
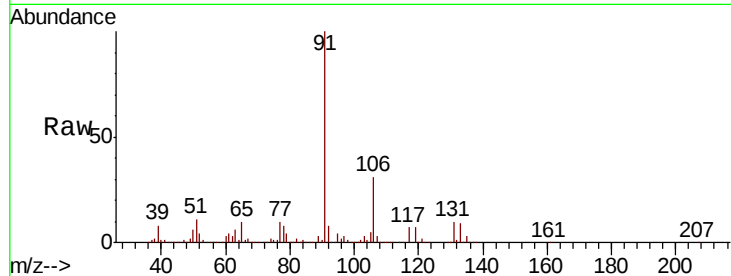
ClientSampleId :

FC-MW03SR1-20200910MSD

Tot Ion	Ratio	Resp	Lower	Upper
131	100	274599		
133	93.9	47.4	142.2	
119	66.4	33.8	101.3	

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#67

Ethyl Benzene

Concen: 102.315 ug/l

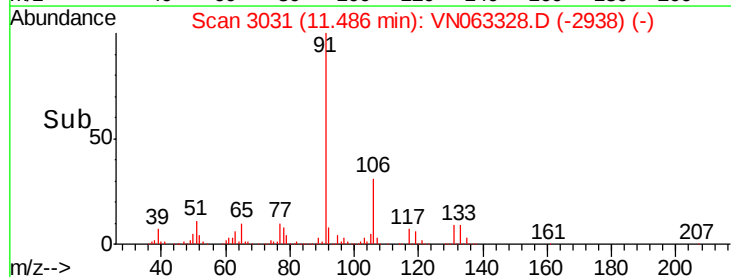
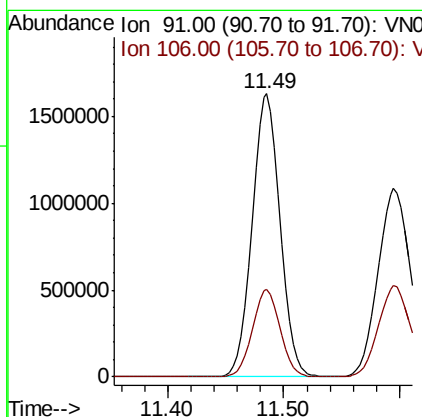
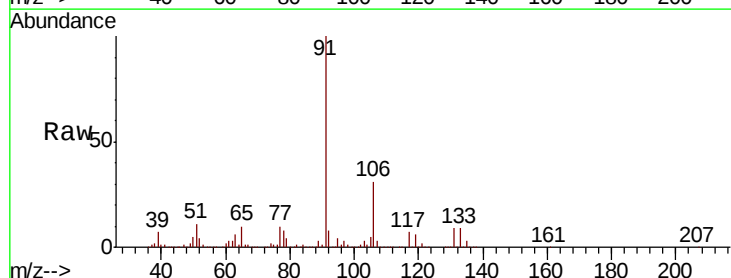
RT: 11.49 min Scan# 3031

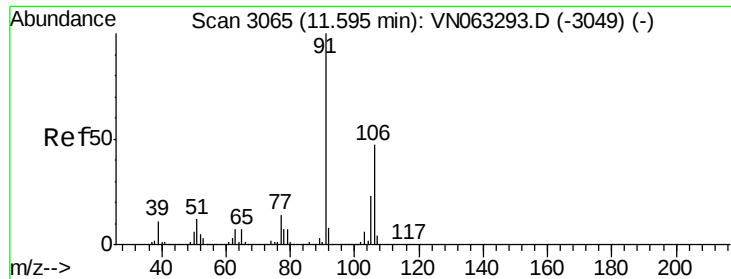
Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	2744231		
106	30.9	23.8	35.6	





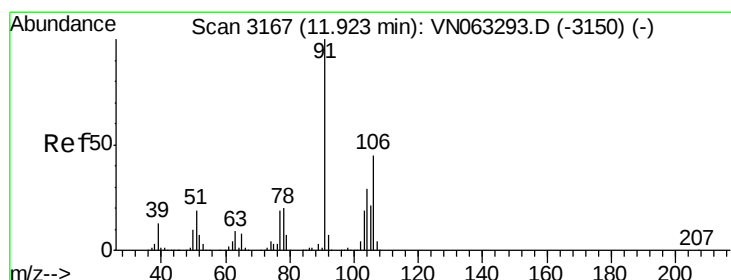
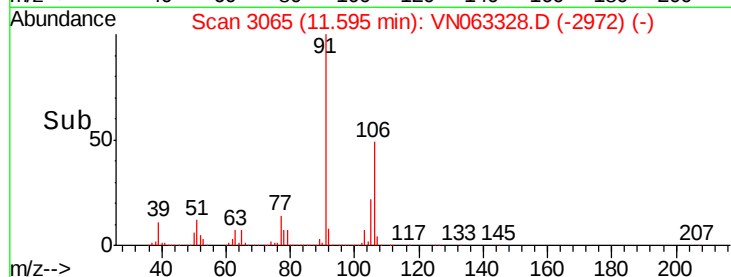
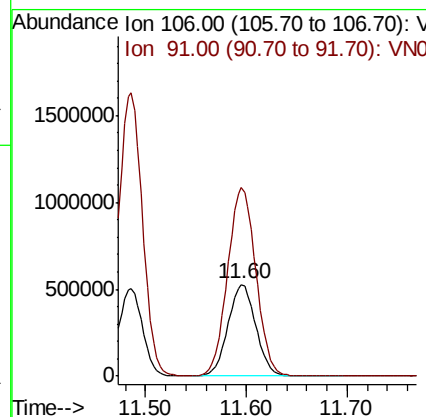
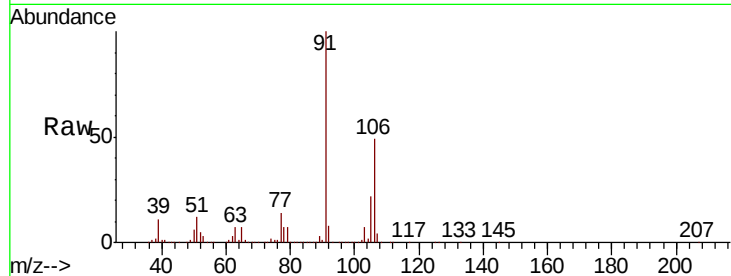
#68
m/p-Xvlenes
Concen: 102.149 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Instrument :
MSVOA_N
ClientSampleId :
FC-MW03SR1-20200910MSD

Tot Ion:106 Resp: 1013446
Ion Ratio Lower Upper
106 100
91 209.3 169.8 254.8

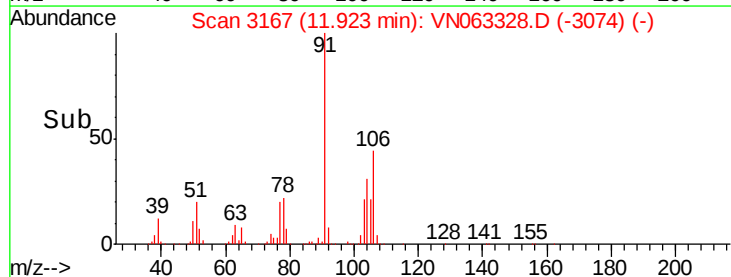
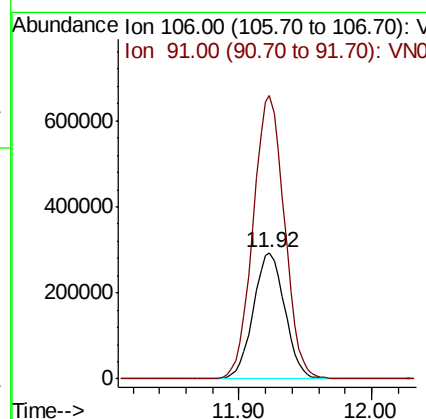
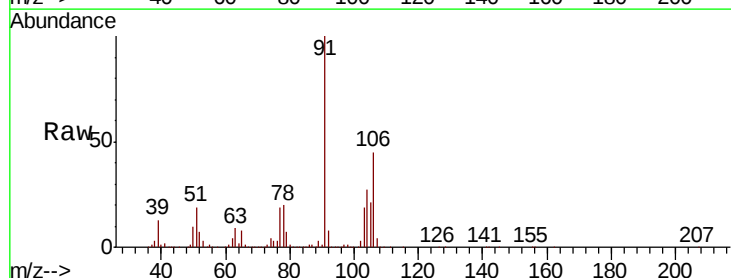
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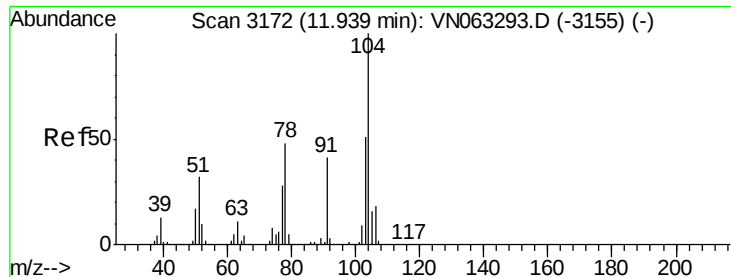
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#69
o-Xylene
Concen: 50.872 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Tgt Ion:106 Resp: 484364
Ion Ratio Lower Upper
106 100
91 223.9 111.5 334.4





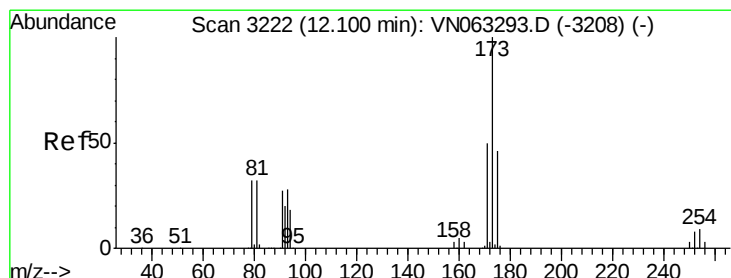
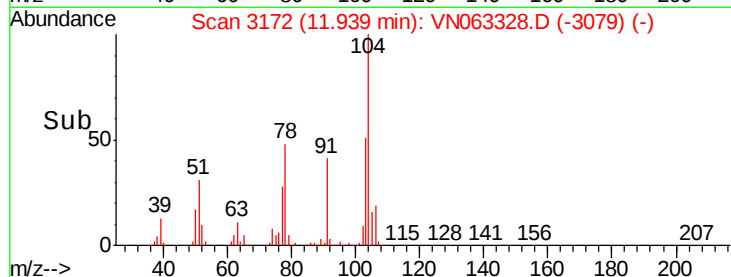
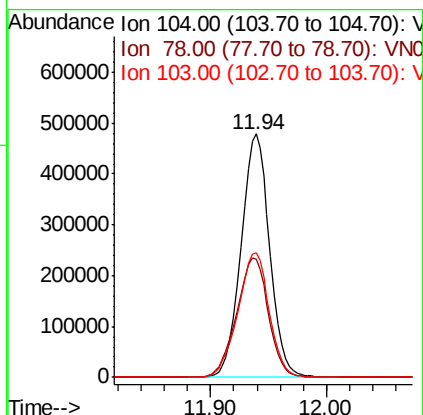
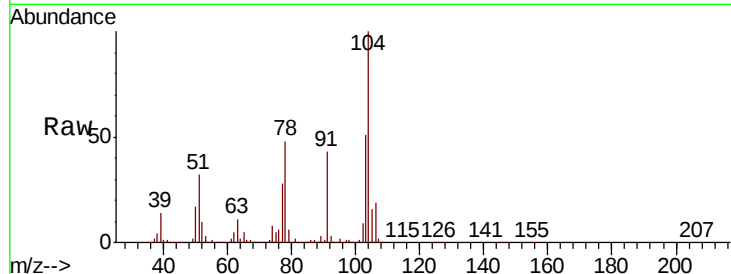
#70
Stvrene
Concen: 51.579 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Instrument :
MSVOA_N
ClientSampleId :
FC-MW03SR1-20200910MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	54.7	42.9	64.3
103	56.3	44.2	66.2

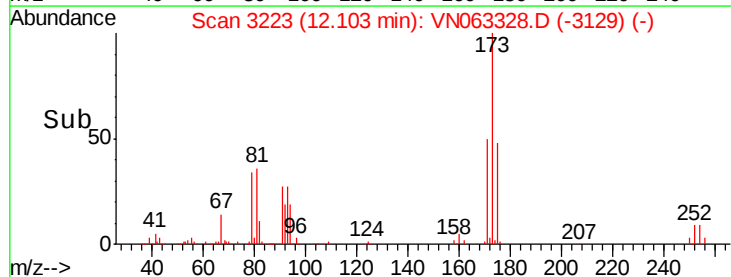
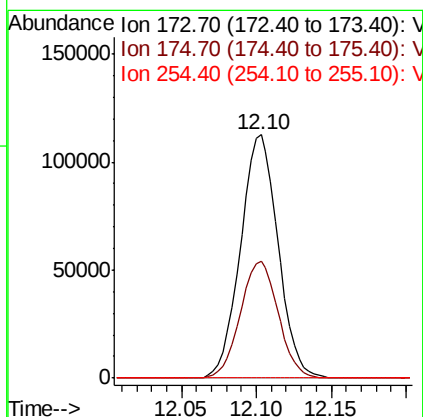
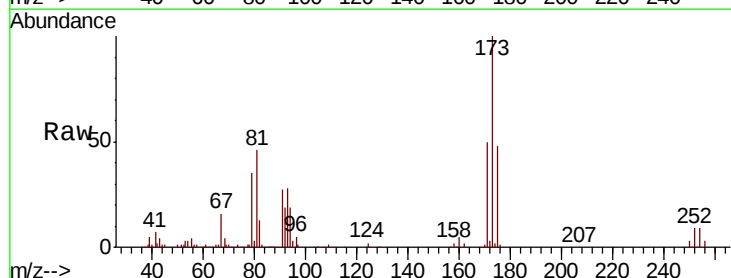
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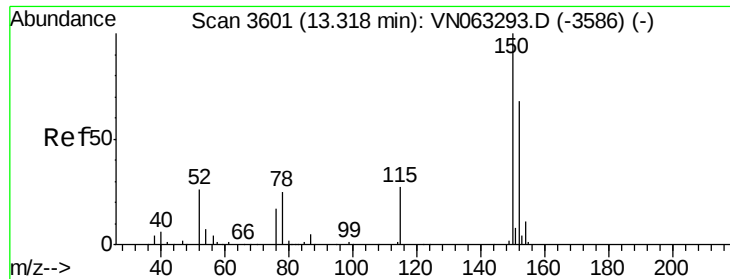
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#71
Bromoform
Concen: 52.240 ug/l
RT: 12.10 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.5	23.8	71.5
254	0.0	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: VN063328.D

Acq: 11 Sep 2020 20:42

Instrument :

MSVOA_N

ClientSampleId :

FC-MW03SR1-20200910MSD

Tot Ion:152 Resp: 325329

Ion Ratio Lower Upper

152 100

115 64.3 31.5 94.5

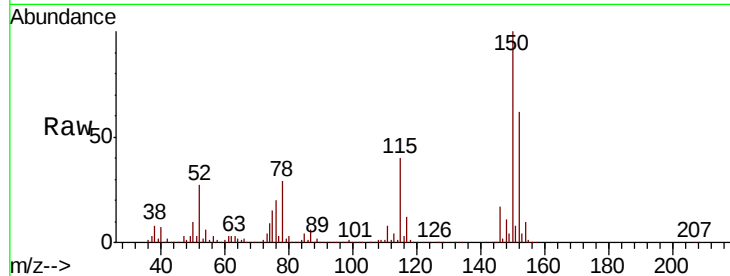
150 175.2 0.0 344.0

Manual Integrations

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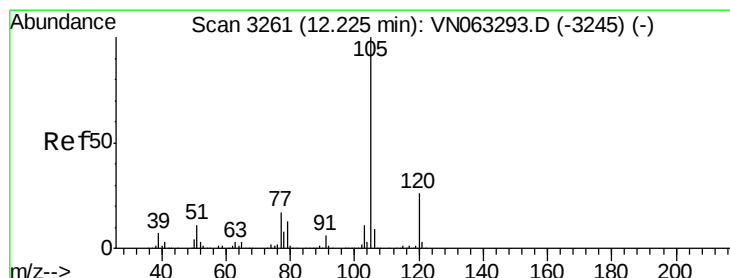
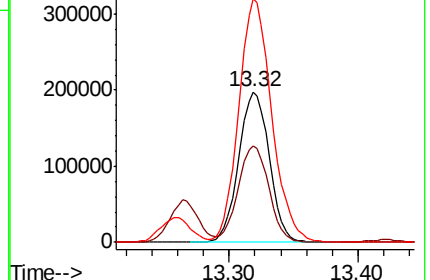
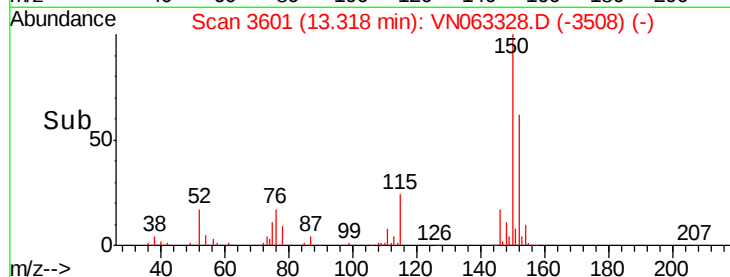
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 69.962 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063328.D

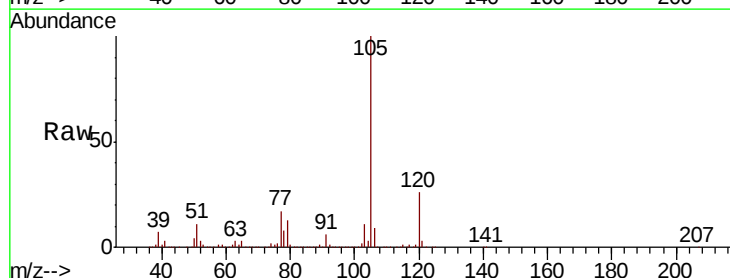
Acq: 11 Sep 2020 20:42

Tgt Ion:105 Resp: 1835881

Ion Ratio Lower Upper

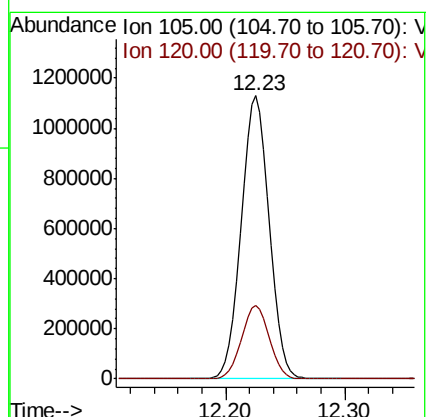
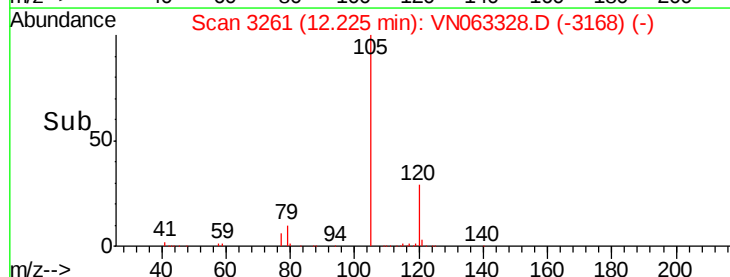
105 100

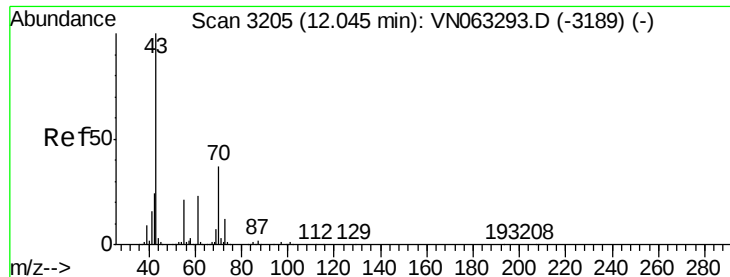
120 25.7 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 52.915 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Instrument :

MSVOA_N

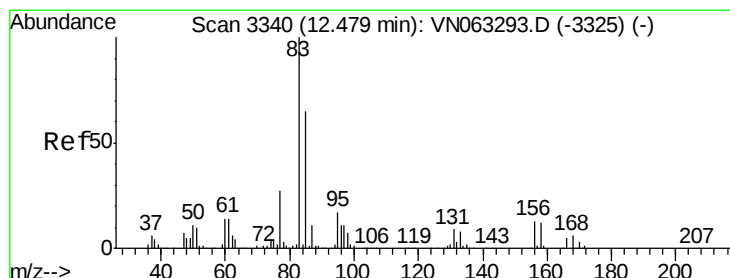
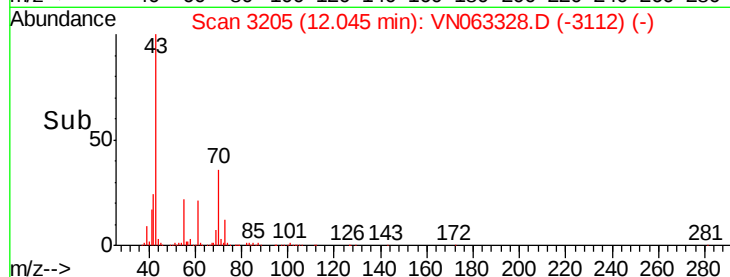
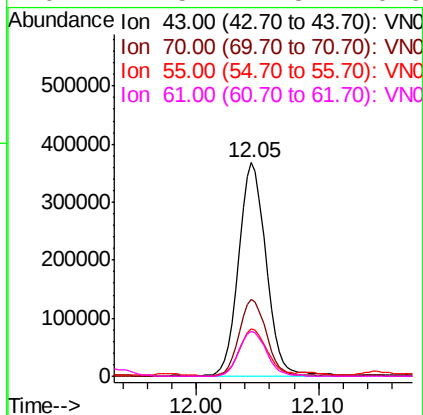
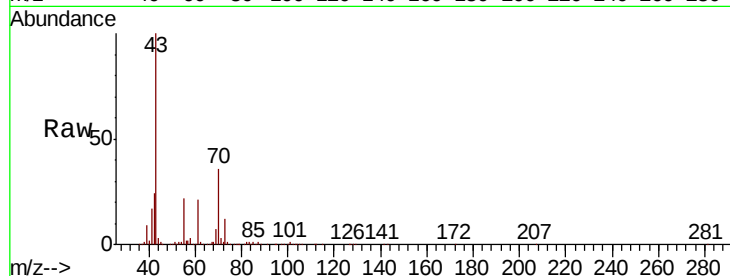
ClientSampleId :

FC-MW03SR1-20200910MSD

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	36.0	29.3	43.9	
55	22.5	17.0	25.6	
61	21.5	17.8	26.6	

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#75

1,1,2,2-Tetrachloroethane

Concen: 50.392 ug/l

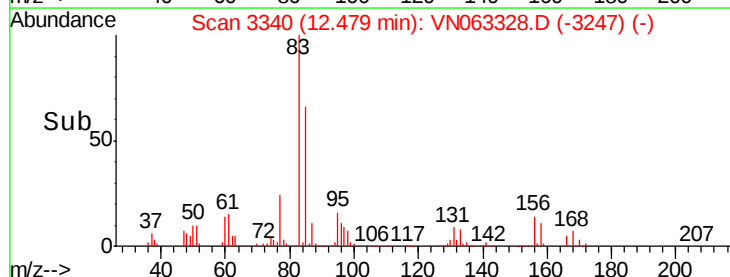
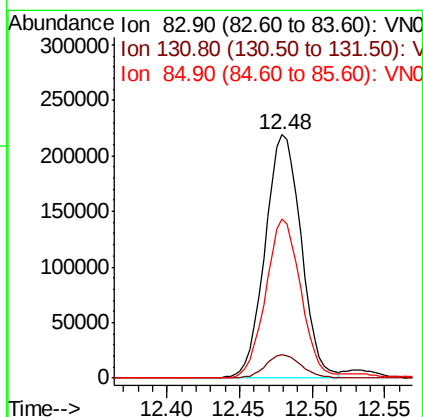
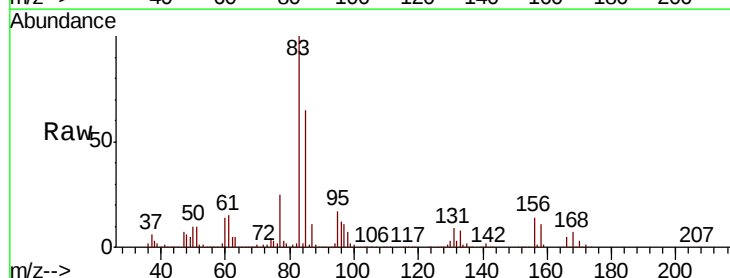
RT: 12.48 min Scan# 3340

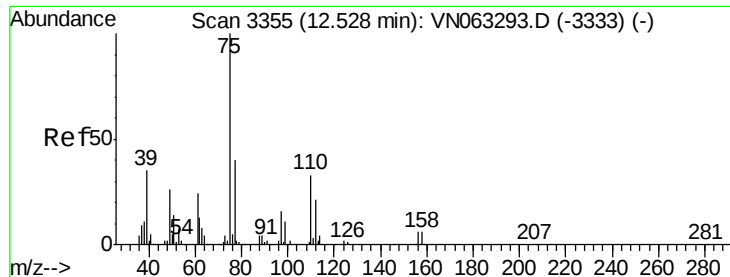
Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	9.5	4.7	14.1	
85	63.8	32.0	96.2	





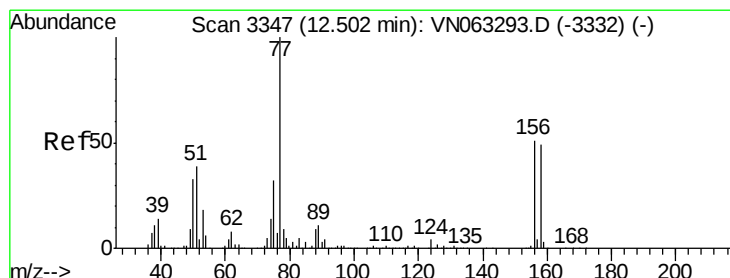
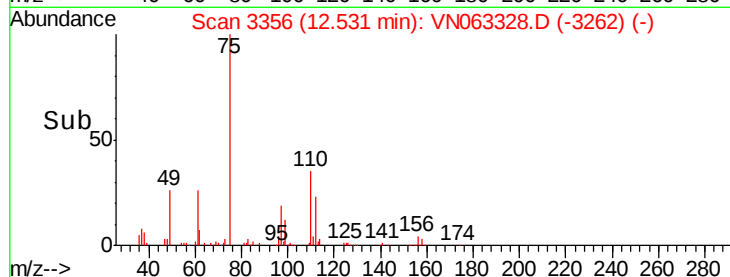
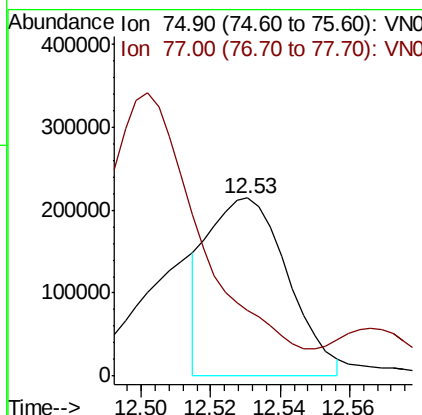
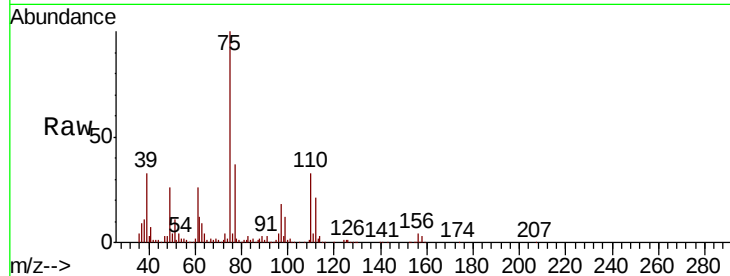
#76
1,2,3-Trichloropropane
Concen: 47.649 ug/l m
RT: 12.53 min Scan# 3356
Delta R.T. 0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Instrument :
MSVOA_N
ClientSampleId :
FC-MW03SR1-20200910MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

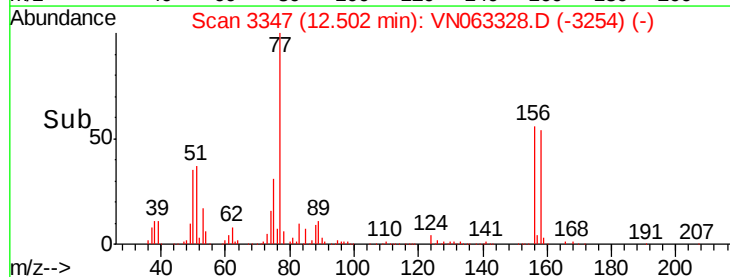
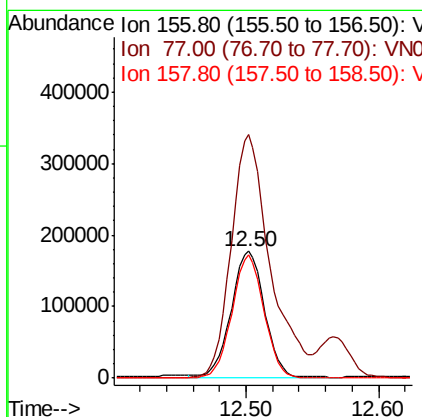
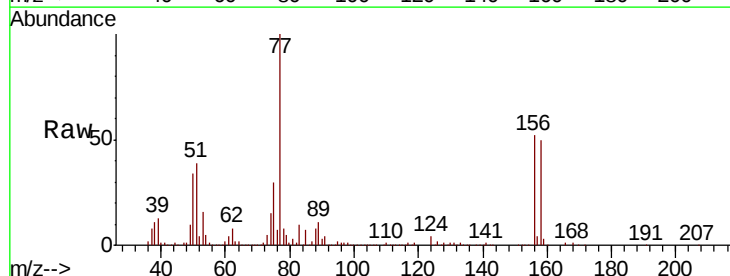
Manual Integrations
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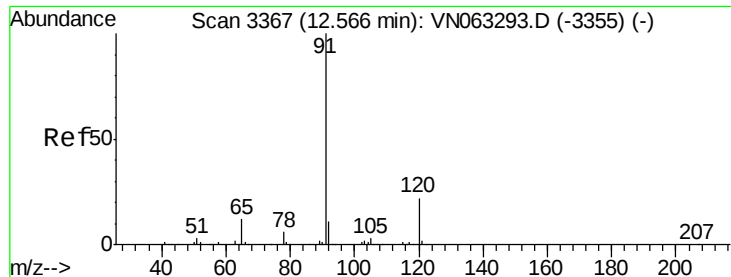
MMDadoda
9/14/2020 12:08:33 PM



#77
Bromobenzene
Concen: 50.681 ug/l
RT: 12.50 min Scan# 3347
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
156	100		
77	228.7	117.4	352.2
158	94.5	48.8	146.4





#78

n-propylbenzene

Concen: 73.253 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Instrument :

MSVOA_N

ClientSampleId :

FC-MW03SR1-20200910MSD

Tot Ion: 91 Resp: 2183695

Ion Ratio Lower Upper

91 100

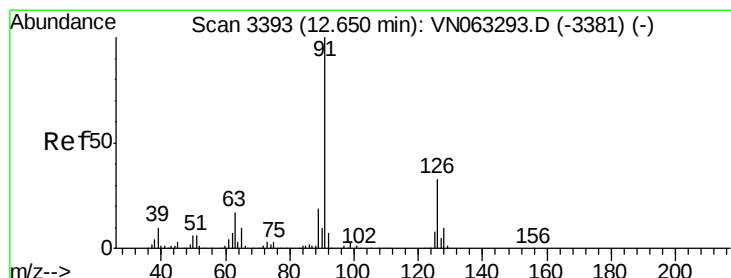
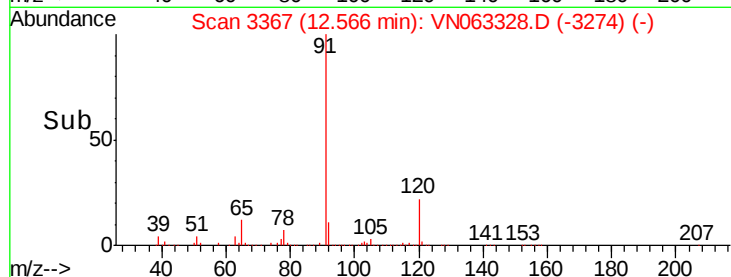
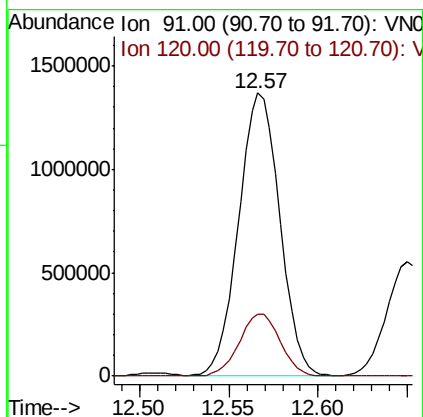
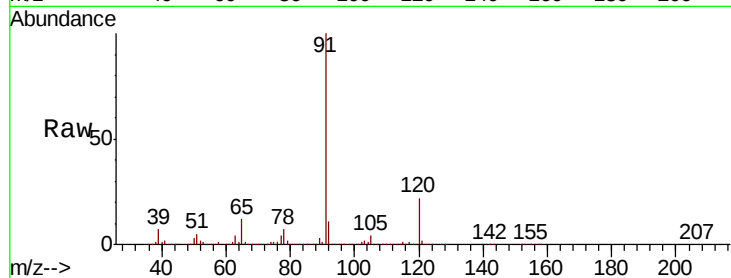
120 22.1 11.1 33.3

Manual Integrations

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#79

2-Chlorotoluene

Concen: 49.351 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063328.D

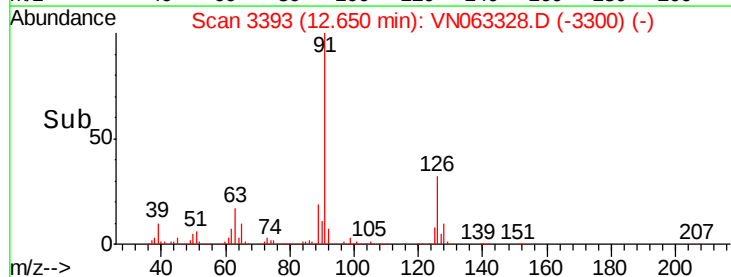
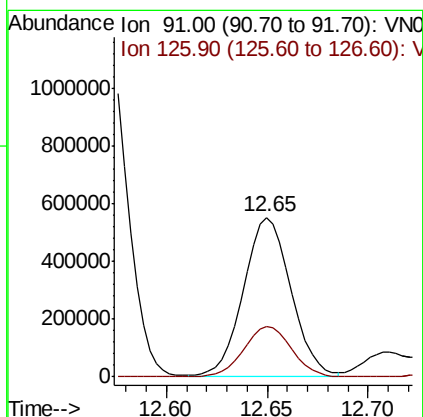
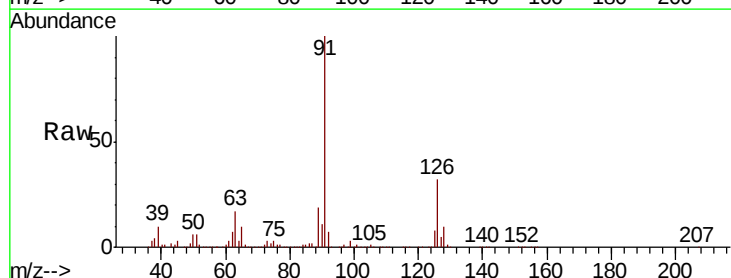
Acq: 11 Sep 2020 20:42

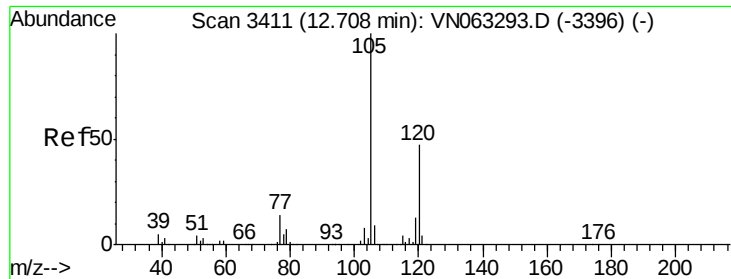
Tgt Ion: 91 Resp: 904575

Ion Ratio Lower Upper

91 100

126 32.3 16.3 48.8





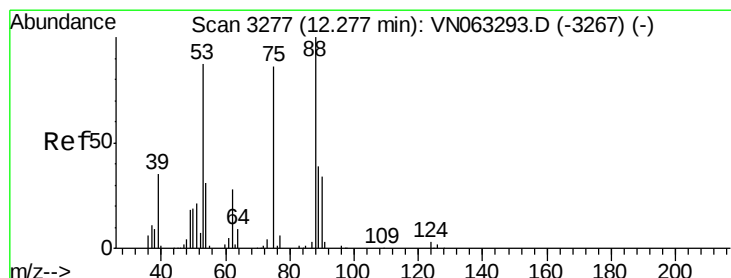
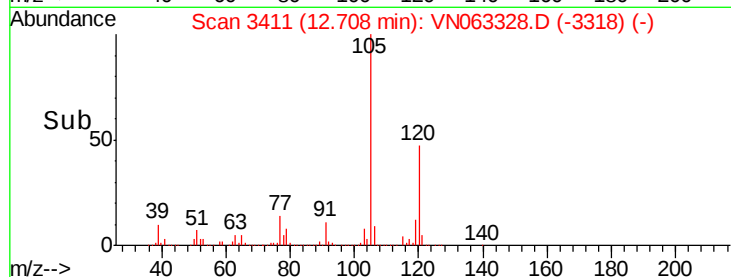
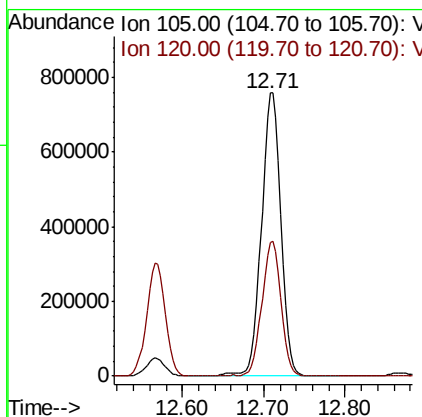
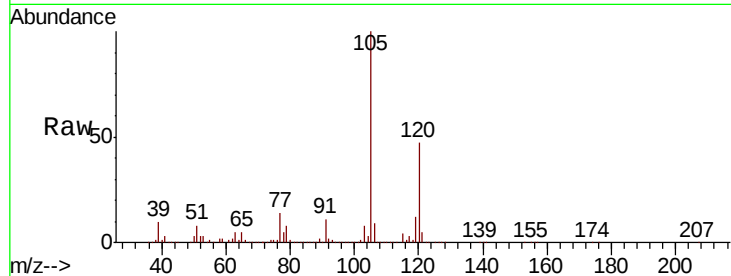
#80
 1,3,5-Trimethylbenzene
 Concen: 57.135 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

Instrument :
 MSVOA_N
 ClientSampleId :
 FC-MW03SR1-20200910MSD

Tot Ion:105 Resp: 1244932
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.4 70.0

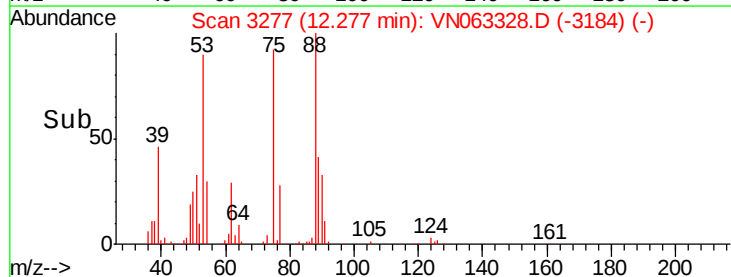
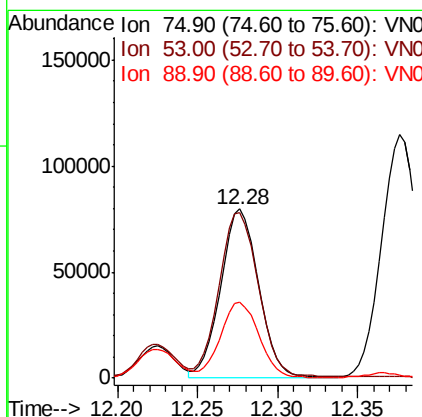
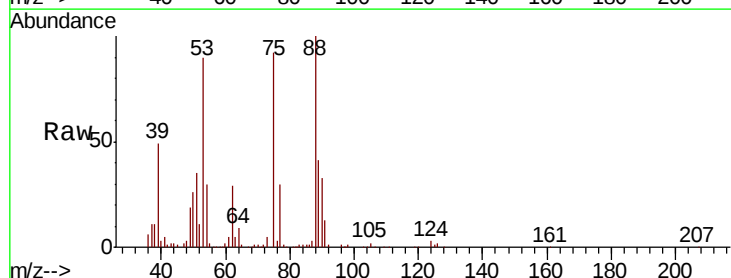
Manual Integrations
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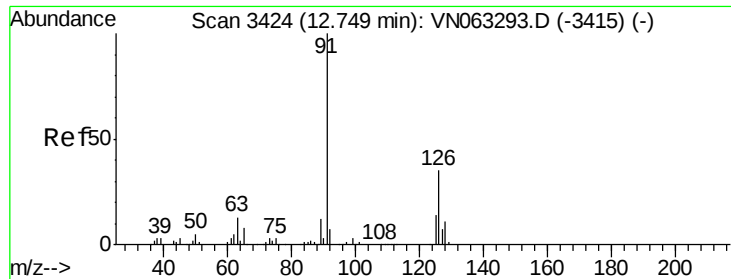
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.254 ug/l
 RT: 12.28 min Scan# 3277
 Delta R.T. -0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

Tgt Ion: 75 Resp: 128901
 Ion Ratio Lower Upper
 75 100
 53 101.3 81.8 122.8
 89 46.2 36.7 55.1





#82

4-Chlorotoluene

Concen: 49.226 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Instrument :

MSVOA_N

ClientSampleId :

FC-MW03SR1-20200910MSD

Tot Ion: 91 Resp: 945815

Ion Ratio Lower Upper

91 100

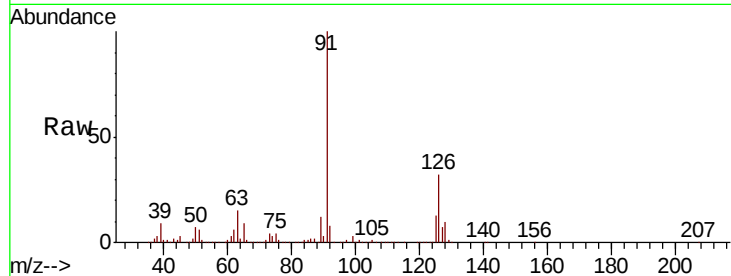
126 31.4 15.9 47.7

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN063328.D (-3331) (-)

Ion 125.90 (125.60 to 126.60): VN063328.D (-3331) (-)

12.75

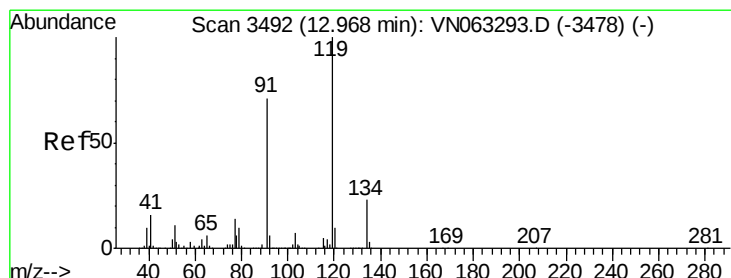
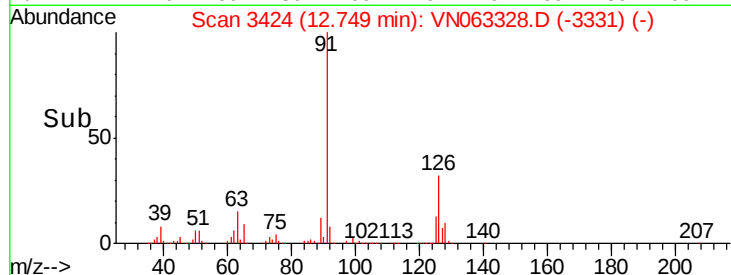
600000

400000

200000

0

Time-->



#83

tert-Butylbenzene

Concen: 49.872 ug/l

RT: 12.97 min Scan# 3493

Delta R.T. 0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

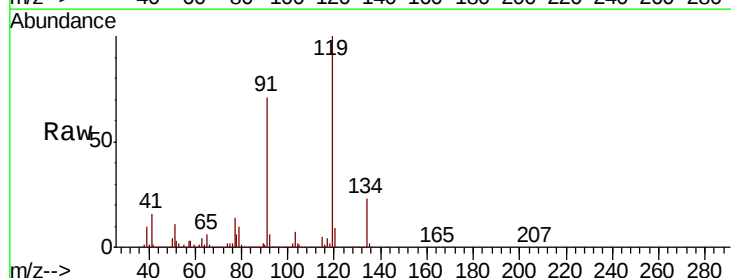
Tgt Ion: 119 Resp: 921592

Ion Ratio Lower Upper

119 100

91 71.2 34.8 104.3

134 24.3 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): VN063328.D (-3399) (-)

Ion 91.00 (90.70 to 91.70): VN063328.D (-3399) (-)

Ion 134.00 (133.70 to 134.70): VN063328.D (-3399) (-)

12.97

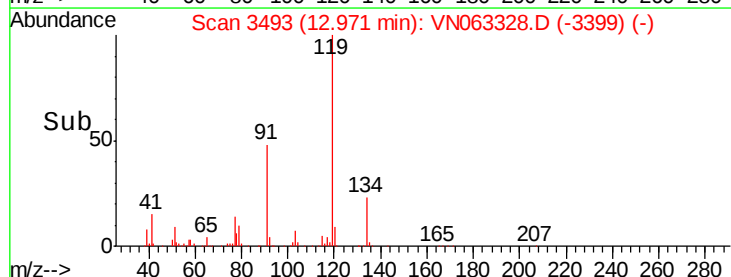
600000

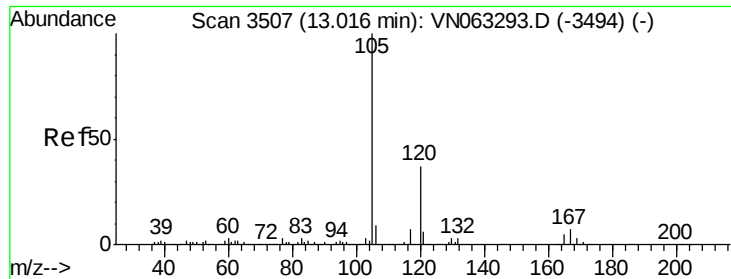
400000

200000

0

Time-->





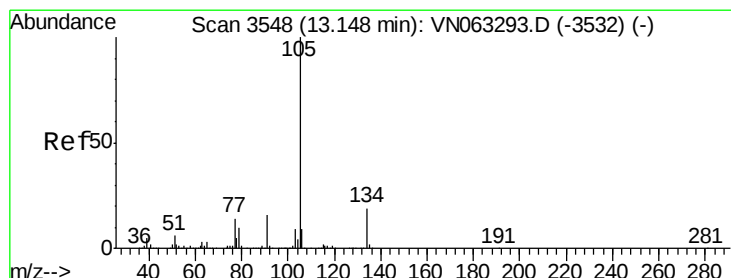
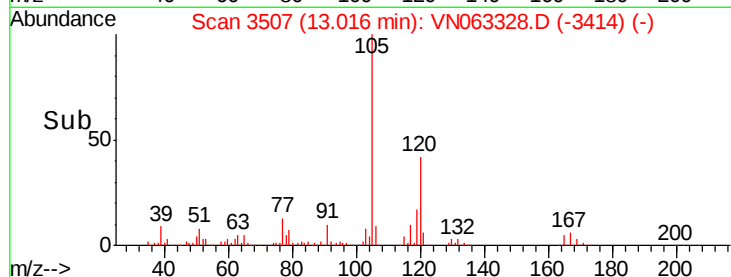
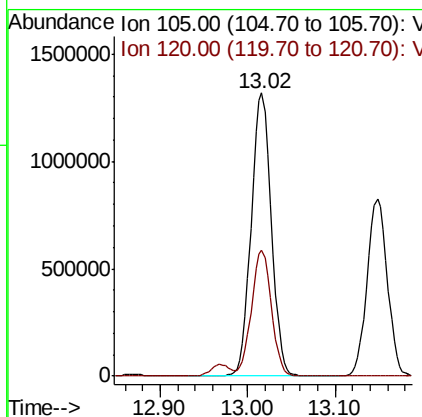
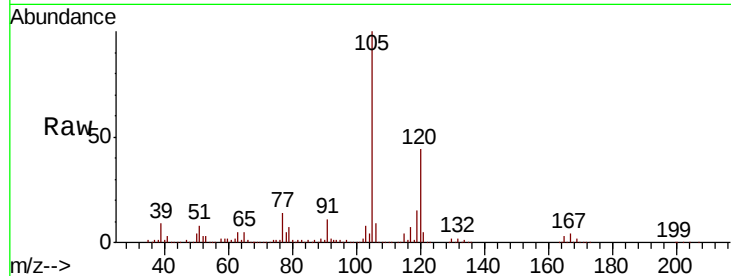
#84
1,2,4-Trimethylbenzene
Concen: 95.887 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Instrument :
MSVOA_N
ClientSampleId :
FC-MW03SR1-20200910MSD

Tot Ion:105 Resp: 2105904
Ion Ratio Lower Upper
105 100
120 44.2 21.8 65.4

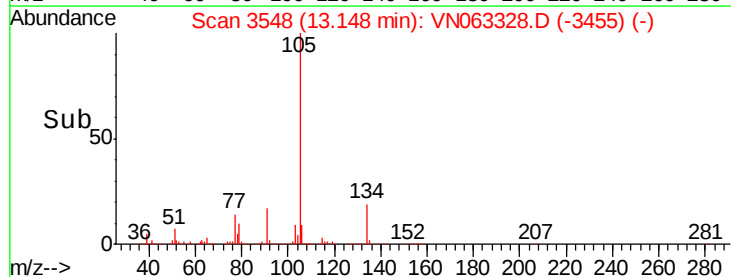
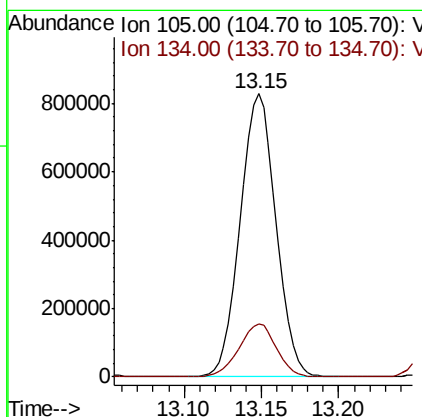
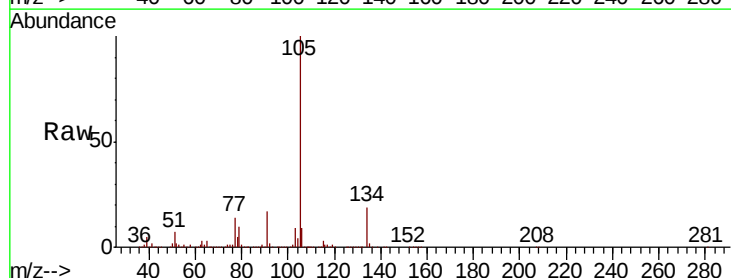
Manual Integrations
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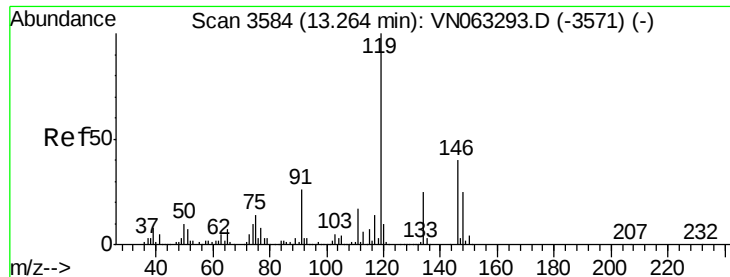
MMDadoda
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#85
sec-Butylbenzene
Concen: 56.328 ug/l
RT: 13.15 min Scan# 3548
Delta R.T. -0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Tgt Ion:105 Resp: 1324290
Ion Ratio Lower Upper
105 100
134 19.9 9.4 28.3





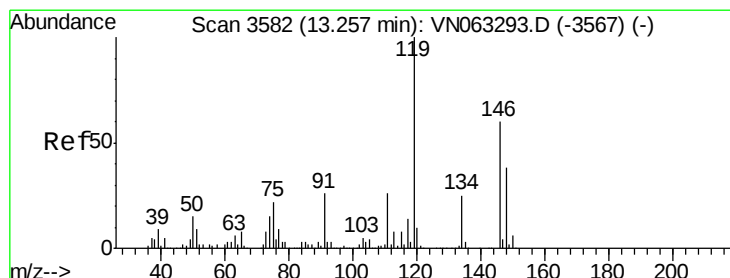
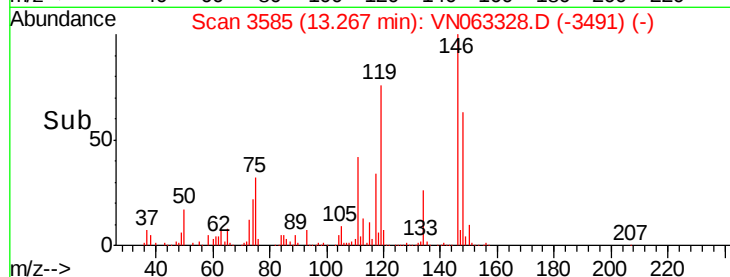
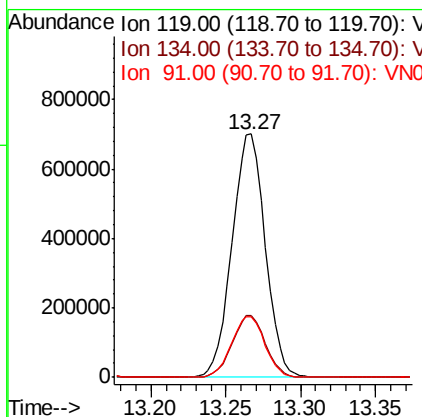
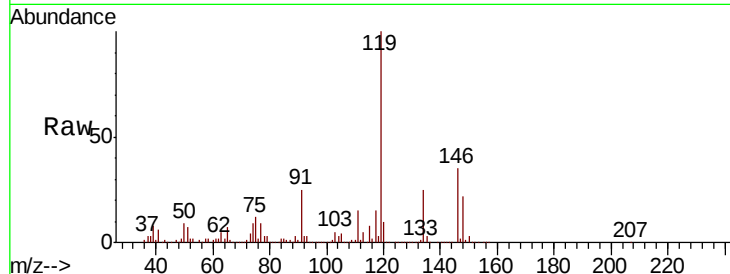
#86
 p-Isopropyltoluene
 Concen: 50.113 ug/l
 RT: 13.27 min Scan# 3585
 Delta R.T. 0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

Instrument :
 MSVOA_N
 ClientSampleId :
 FC-MW03SR1-20200910MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.3	12.6	37.8
91	24.8	12.8	38.3

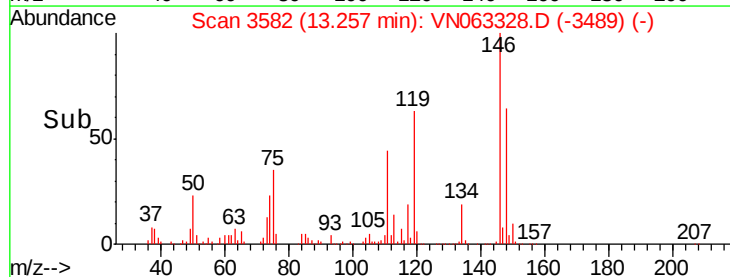
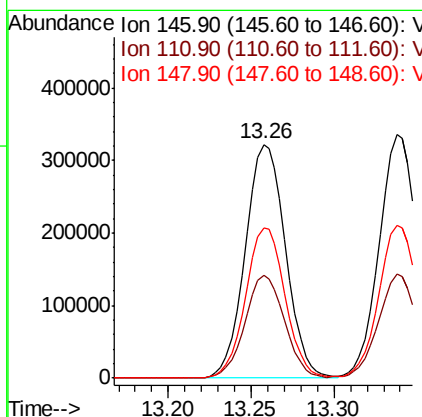
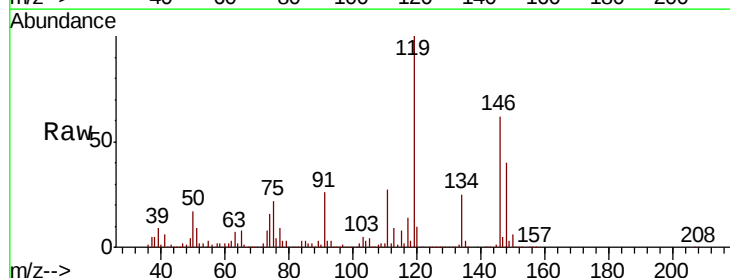
Manual Integrations
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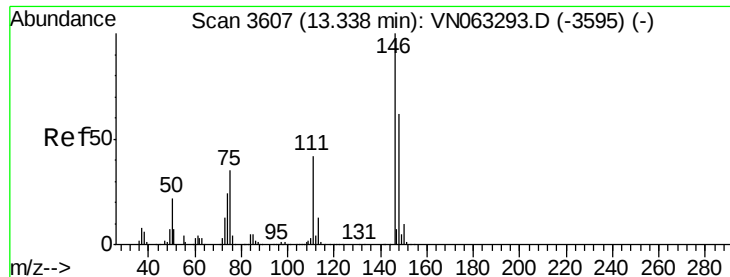
MMDadoda
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#87
 1,3-Dichlorobenzene
 Concen: 49.376 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.8	65.4
148	63.1	31.8	95.4





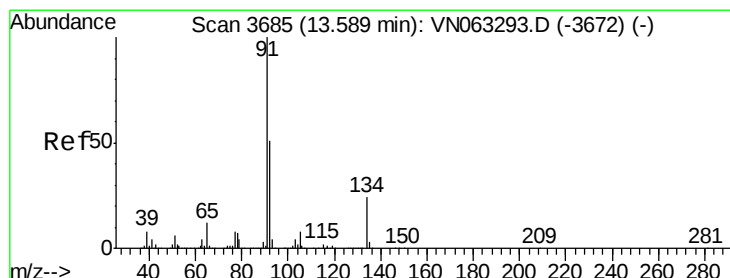
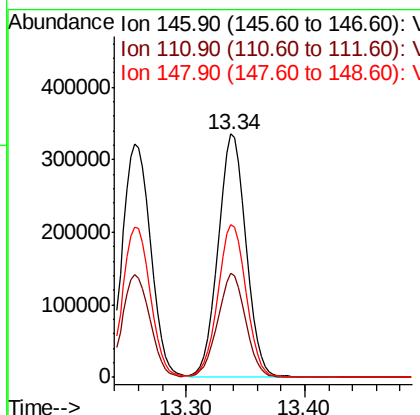
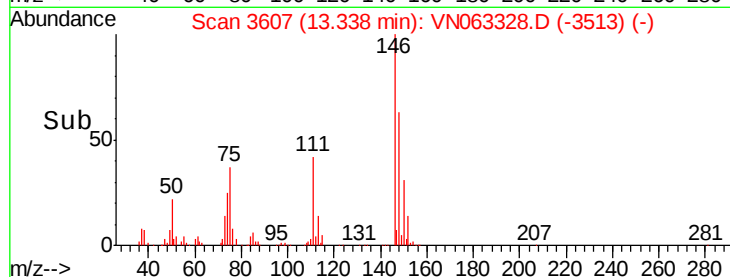
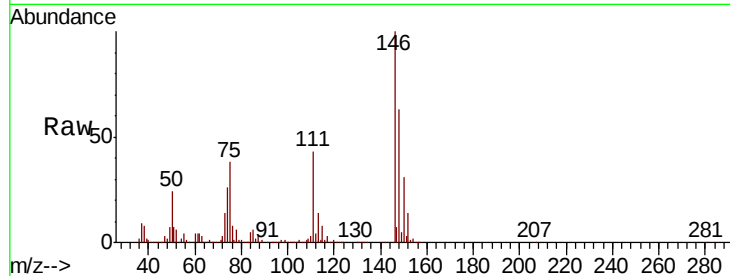
#88
 1,4-Dichlorobenzene
 Concen: 51.765 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

Instrument :
 MSVOA_N
 ClientSampleId :
 FC-MW03SR1-20200910MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.3	64.0
148	63.4	31.5	94.5

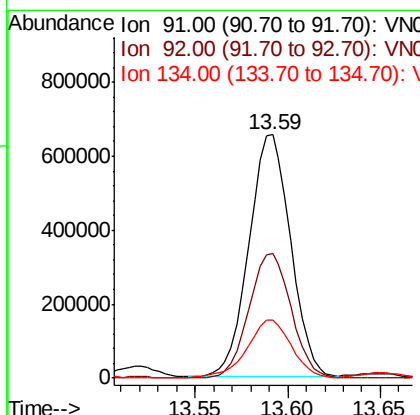
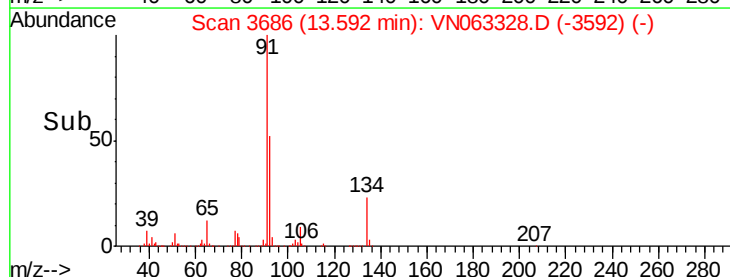
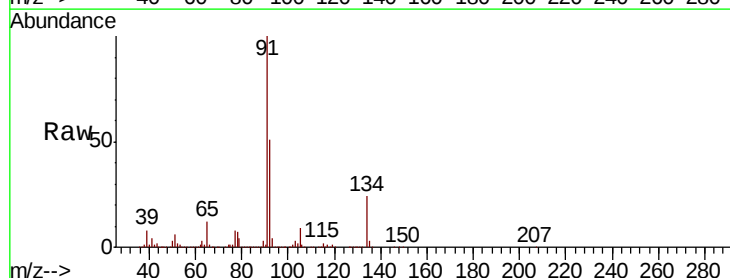
Manual Integrations
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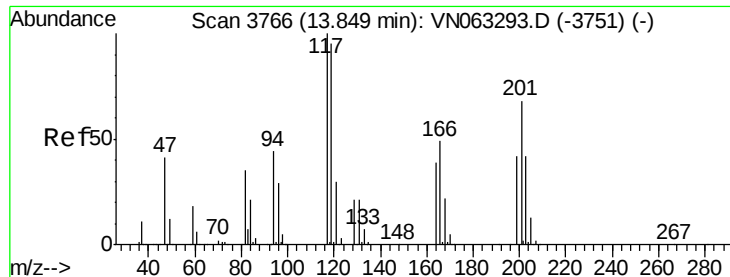
MMDadoda
 9/14/2020 12:08:33 PM



#89
 n-Butylbenzene
 Concen: 52.650 ug/l
 RT: 13.59 min Scan# 3686
 Delta R.T. 0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

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





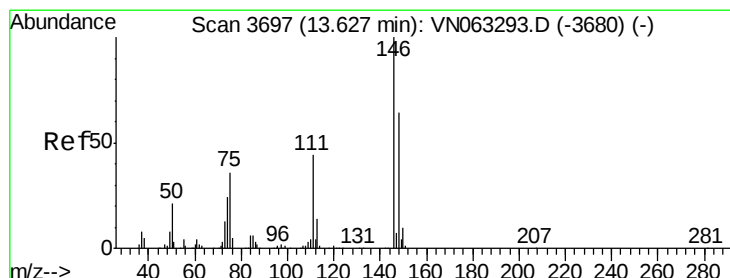
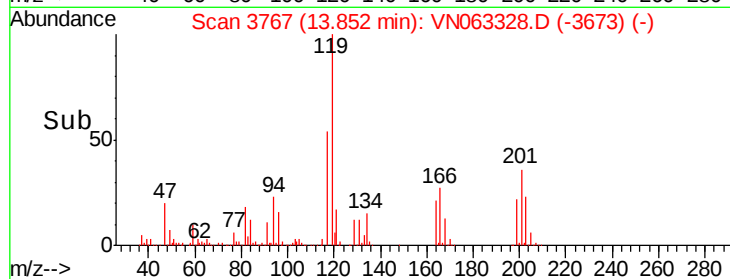
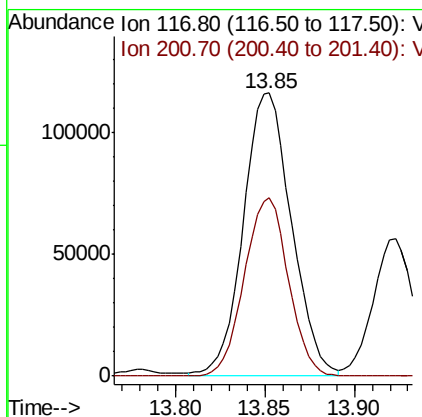
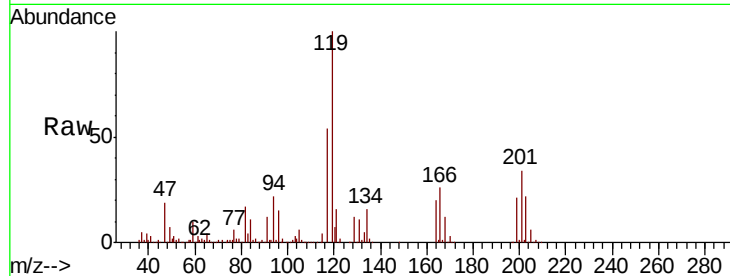
#90
Hexachloroethane
Concen: 61.591 ug/l
RT: 13.85 min Scan# 3767
Delta R.T. 0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Instrument :
MSVOA_N
ClientSampleId :
FC-MW03SR1-20200910MSD

Tot Ion	Ratio	Lower	Upper
117	100		
201	57.7	33.5	100.4

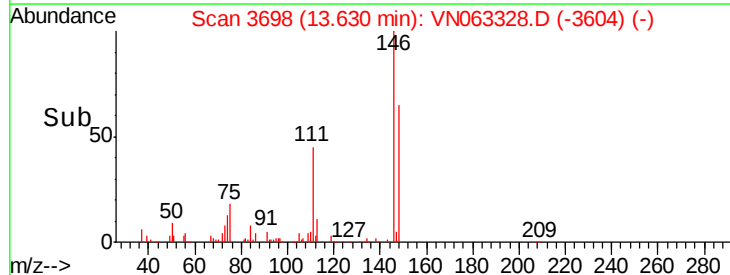
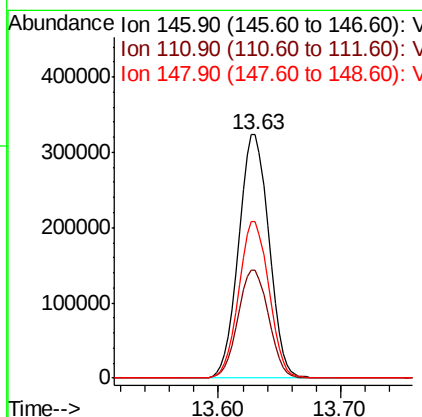
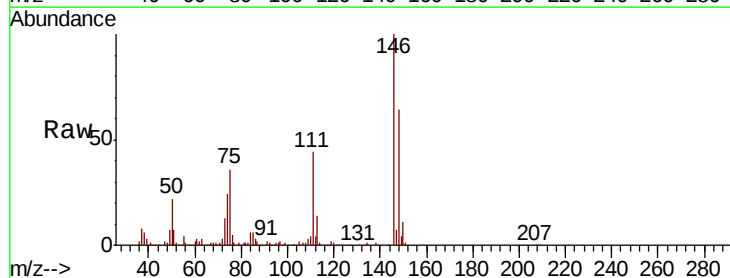
Manual Integrations
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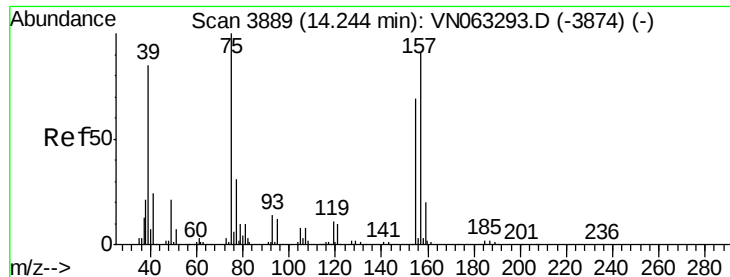
MMDadoda
9/14/2020 12:08:33 PM



#91
1,2-Dichlorobenzene
Concen: 50.911 ug/l
RT: 13.63 min Scan# 3698
Delta R.T. 0.00 min
Lab File: VN063328.D
Acq: 11 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.1	66.5
148	64.1	31.8	95.3





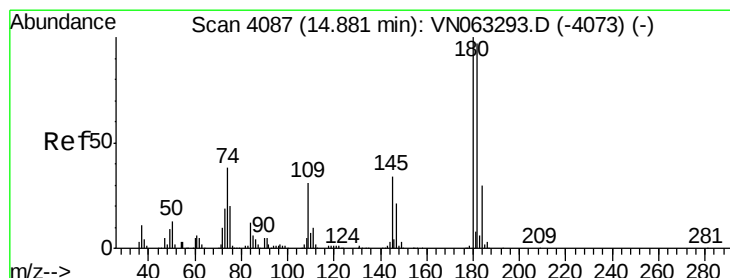
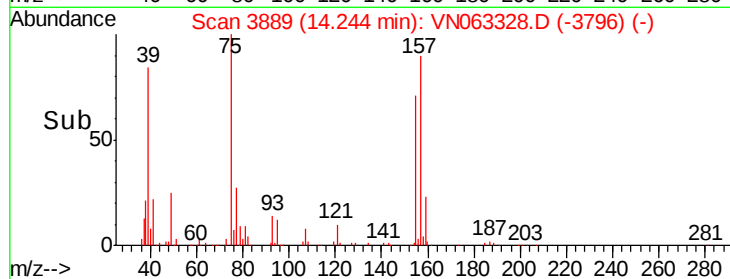
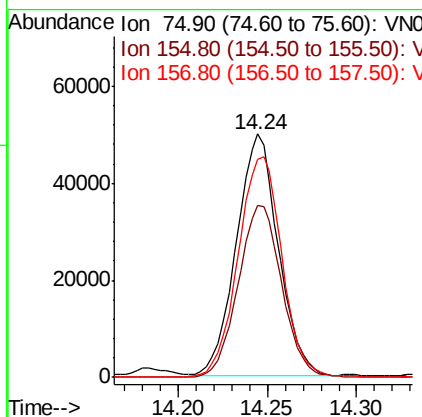
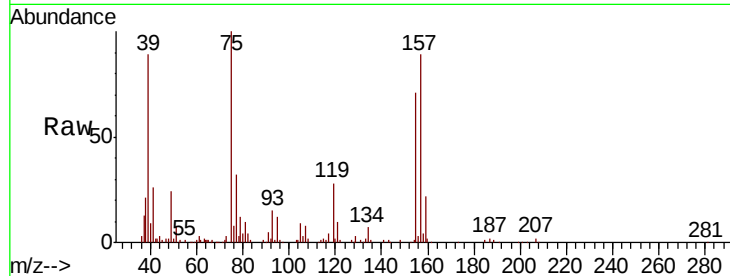
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.882 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

Instrument :
 MSVOA_N
 ClientSampleId :
 FC-MW03SR1-20200910MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	74.0	35.3	105.7
157	95.6	46.7	140.0

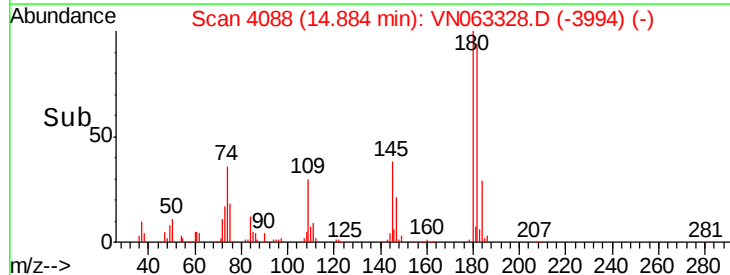
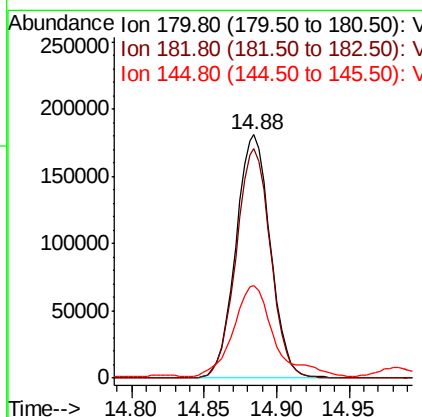
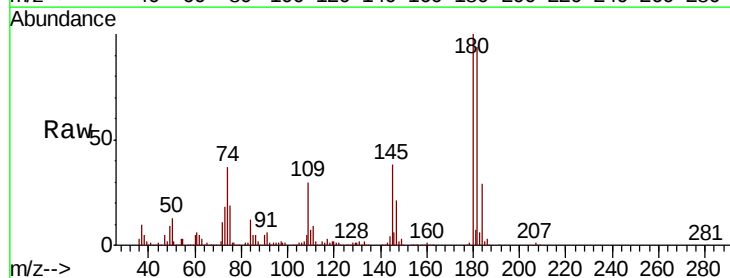
Manual Integrations
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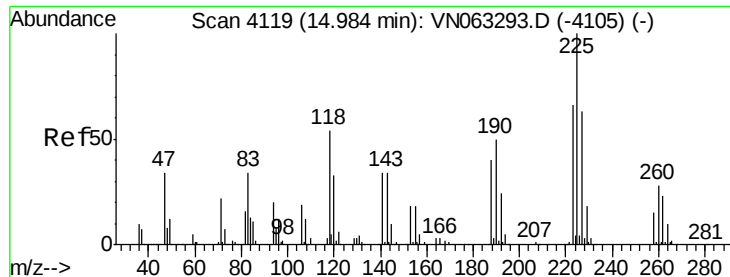
MMDadoda
 9/14/2020 12:08:33 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 46.860 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.0	144.2
145	44.5	16.6	49.8





#94

Hexachlorobutadiene

Concen: 48.769 ug/l

RT: 14.98 min Scan# 4119

Delta R.T. -0.00 min

Lab File: VN063328.D

Acq: 11 Sep 2020 20:42

Instrument :

MSVOA_N

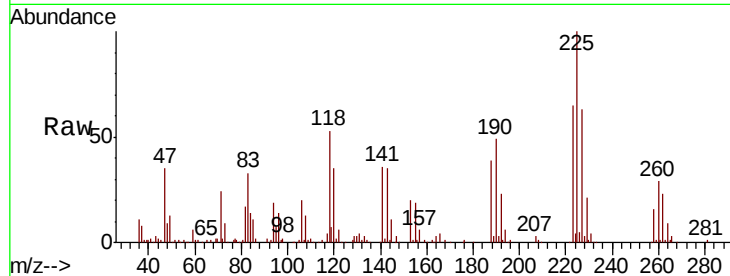
ClientSampleId :

FC-MW03SR1-20200910MSD

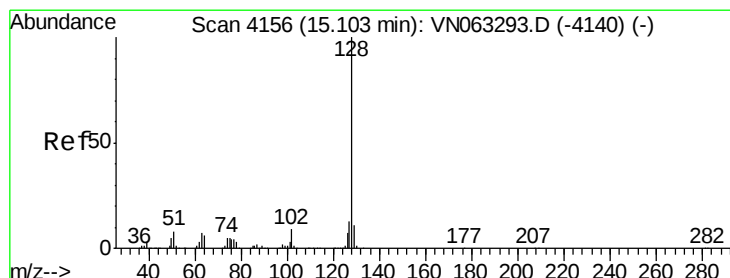
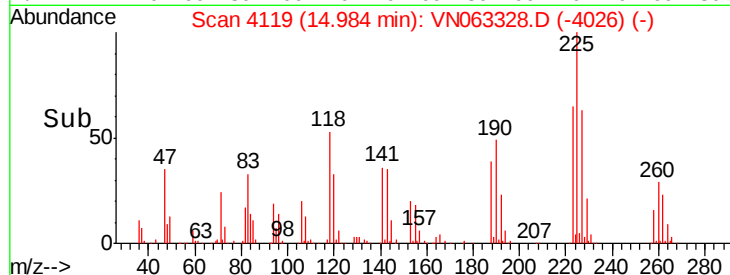
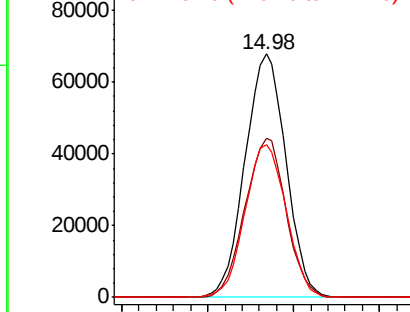
Tot Ion:	225	Resp:	112221
Ion Ratio	Lower	Upper	
225	100		
223	65.1	31.3	93.9
227	63.0	31.2	93.6

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



#95

Naphthalene

Concen: 103.807 ug/l

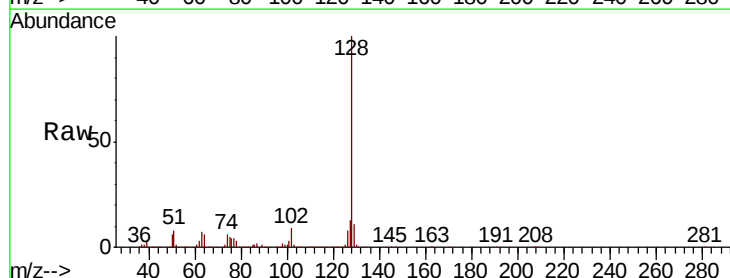
RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

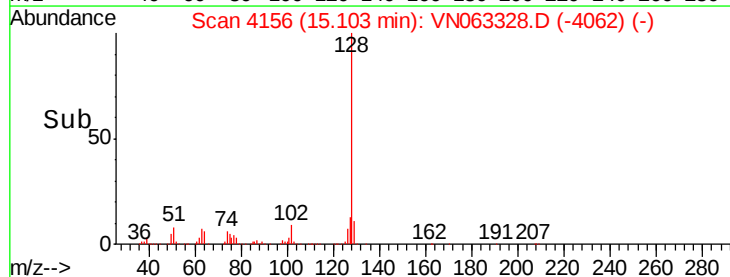
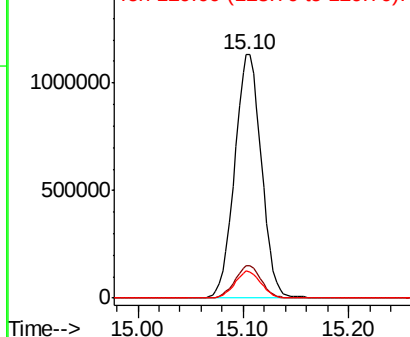
Lab File: VN063328.D

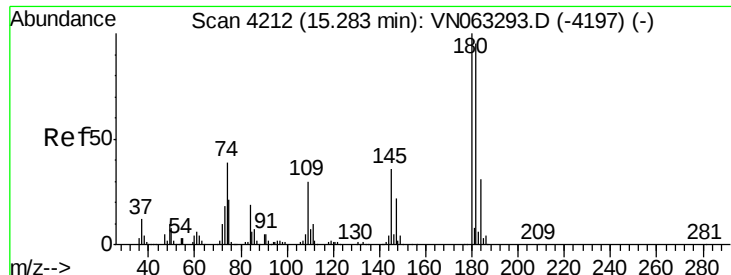
Acq: 11 Sep 2020 20:42

Tgt Ion:	128	Resp:	1979681
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.3	15.5
129	10.9	8.6	12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 50.717 ug/l
 RT: 15.28 min Scan# 4212
 Delta R.T. -0.00 min
 Lab File: VN063328.D
 Acq: 11 Sep 2020 20:42

Instrument :
 MSVOA_N
 ClientSampleId :
 FC-MW03SR1-20200910MSD

Tot Ion:	180	Resp:	290282
Ion Ratio	Lower	Upper	
180	100		
182	93.2	47.4	142.3
145	40.5	17.2	51.6

Manual Integrations
 APPROVED

MMDadoda
 9/14/2020 12:08:33 PM

