

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091120\
 Data File : VN063329.D
 Acq On : 11 Sep 2020 21:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/14/2020 12:08:35 PM

Quant Time: Sep 12 05:07:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	458495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	815517	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	749230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	342521	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	357030	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
35) Dibromofluoromethane	7.55	113	261062	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
50) Toluene-d8	10.06	98	1014680	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.38	95	373157	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	200360	45.501	ug/l	98
3) Chloromethane	2.04	50	290582	50.422	ug/l	98
4) Vinyl Chloride	2.16	62	301593	48.411	ug/l	99
5) Bromomethane	2.53	94	207147	47.659	ug/l	97
6) Chloroethane	2.67	64	196358	48.183	ug/l	93
7) Trichlorofluoromethane	2.99	101	452617	46.982	ug/l	99
8) Diethyl Ether	3.38	74	163146	47.493	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	232441	46.181	ug/l	98
10) Methyl Iodide	3.91	142	325282	49.854	ug/l	100
11) Tert butyl alcohol	4.73	59	227546	238.916	ug/l	98
12) 1,1-Dichloroethene	3.70	96	236353	47.042	ug/l	99
13) Acrolein	3.57	56	216792	395.802	ug/l	99
14) Allyl chloride	4.28	41	457281	44.335	ug/l	96
15) Acrylonitrile	4.93	53	649931	249.586	ug/l	100
16) Acetone	3.77	43	560917	225.501	ug/l	96
17) Carbon Disulfide	4.01	76	670479	47.107	ug/l	99
18) Methyl Acetate	4.28	43	306048	48.945	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	867330	48.310	ug/l	99
20) Methylene Chloride	4.51	84	283748	50.107	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	257280	45.758	ug/l	99
22) Diisopropyl ether	5.90	45	973481	47.960	ug/l	97
23) Vinyl Acetate	5.84	43	4104631	256.911	ug/l	99
24) 1,1-Dichloroethane	5.80	63	519204	47.234	ug/l	99
25) 2-Butanone	6.78	43	900061	244.956	ug/l	100
26) 2,2-Dichloropropane	6.78	77	387492	40.220	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	307423	46.915	ug/l	96
28) Bromochloromethane	7.15	49	249307	46.773	ug/l	99
29) Tetrahydrofuran	7.16	42	595237	248.790	ug/l	98
30) Chloroform	7.33	83	527638	47.942	ug/l	98
31) Cyclohexane	7.61	56	458611	45.392	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	460278	47.975	ug/l	99
36) 1,1-Dichloropropene	7.75	75	390533	46.589	ug/l	99
37) Ethyl Acetate	6.88	43	391593	47.484	ug/l	99
38) Carbon Tetrachloride	7.74	117	393819	47.735	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	416661	45.562	ug/l	99
40) Benzene	8.00	78	1156324	48.296	ug/l	99
41) Methacrylonitrile	7.12	41	172664	46.287	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	442728	48.738	ug/l	100
43) Isopropyl Acetate	8.13	43	686448	49.151	ug/l	99
44) Trichloroethene	8.80	130	293966	46.950	ug/l	99
45) 1,2-Dichloropropane	9.08	63	314314	47.861	ug/l	99
46) Dibromomethane	9.17	93	207910	48.821	ug/l	97
47) Bromodichloromethane	9.37	83	426025	48.004	ug/l	99
48) Methyl methacrylate	9.17	41	323272	48.511	ug/l	98
49) 1,4-Dioxane	9.17	88	91599	887.787	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	2009900	261.139	ug/l	100
52) Toluene	10.13	92	716249	48.998	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	464003	47.946	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	497789	47.773	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	279495	48.794	ug/l	99
56) Ethyl methacrylate	10.40	69	447672	51.394	ug/l	99
57) 1,3-Dichloropropane	10.68	76	490316	48.986	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	1083325	231.860	ug/l	100
59) 2-Hexanone	10.72	43	1471925	259.308	ug/l	99
60) Dibromochloromethane	10.87	129	316103	50.254	ug/l	100
61) 1,2-Dibromoethane	10.98	107	294334	49.290	ug/l	100
64) Tetrachloroethene	10.60	164	295956	48.220	ug/l	97
65) Chlorobenzene	11.41	112	757034	46.934	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	279794	47.611	ug/l	99
67) Ethyl Benzene	11.49	91	1406314	48.566	ug/l	99
68) m/p-Xylenes	11.60	106	1021894	95.405	ug/l	97
69) o-Xylene	11.92	106	489479	47.618	ug/l	99
70) Styrene	11.94	104	838918	49.104	ug/l	99
71) Bromoform	12.10	173	202603	49.845	ug/l #	98
73) Isopropylbenzene	12.23	105	1321897	47.847	ug/l	99
74) N-amyl acetate	12.05	43	610758	53.846	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	387987	49.035	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	374043m	49.499	ug/l	
77) Bromobenzene	12.50	156	312116	49.148	ug/l	96
78) n-propylbenzene	12.57	91	1538097	49.006	ug/l	100
79) 2-Chlorotoluene	12.65	91	923013	47.829	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1120591	48.847	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	132350	47.059	ug/l	98
82) 4-Chlorotoluene	12.75	91	951172	47.020	ug/l	100
83) tert-Butylbenzene	12.97	119	910410	46.794	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	1130627	48.896	ug/l	99
85) sec-Butylbenzene	13.15	105	1211294	48.936	ug/l	100
86) p-Isopropyltoluene	13.26	119	1095997	48.298	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	553075	47.638	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	546308	49.191	ug/l	99
89) n-Butylbenzene	13.59	91	964321	47.075	ug/l	100
90) Hexachloroethane	13.85	117	193587	51.863	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	543131	47.333	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	86739	48.208	ug/l	99

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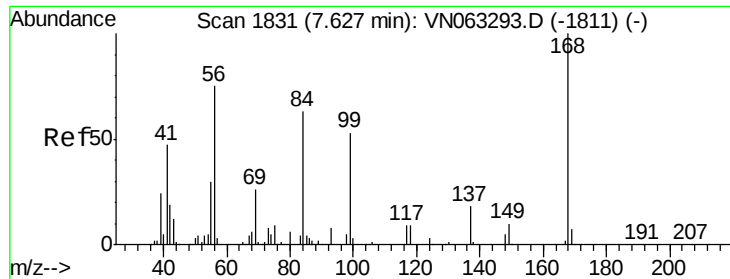
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	289178	43.055	ug/l	99
94) Hexachlorobutadiene	14.98	225	115544	47.664	ug/l	99
95) Naphthalene	15.10	128	978481	48.449	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	285156	47.263	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

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Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 458495

Ion Ratio Lower Upper

168 100

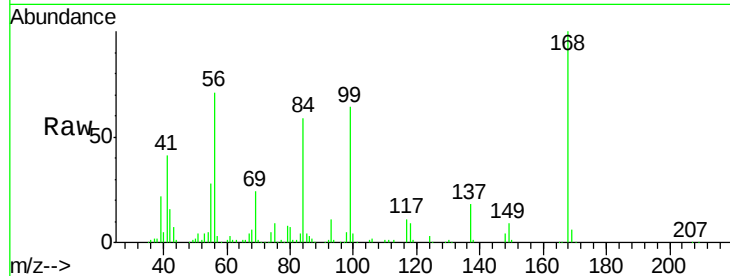
99 63.9 51.1 76.7

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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

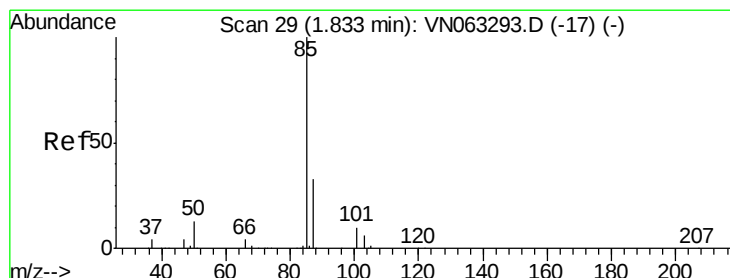
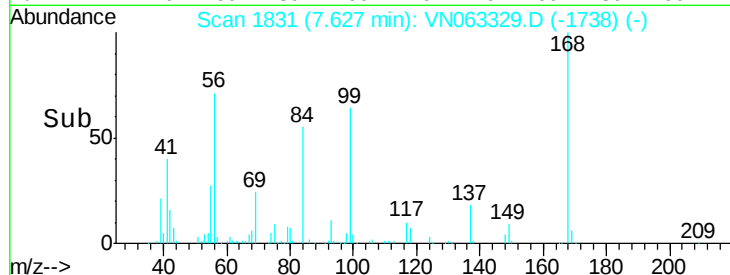
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 45.501 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063329.D

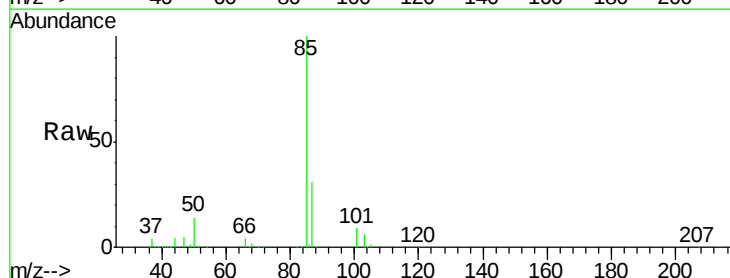
Acq: 11 Sep 2020 21:06

Tgt Ion: 85 Resp: 200360

Ion Ratio Lower Upper

85 100

87 31.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

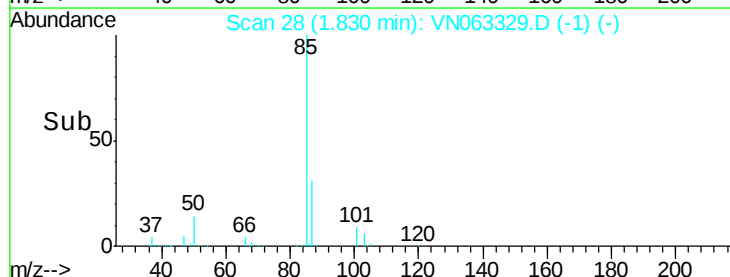
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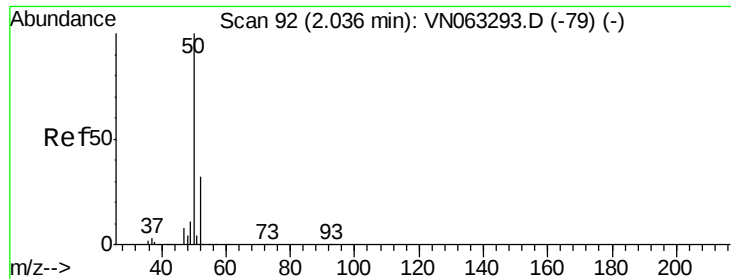
100000

50000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 50.422 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063329.D

Acq: 11 Sep 2020 21:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 290582

Ion Ratio Lower Upper

50 100

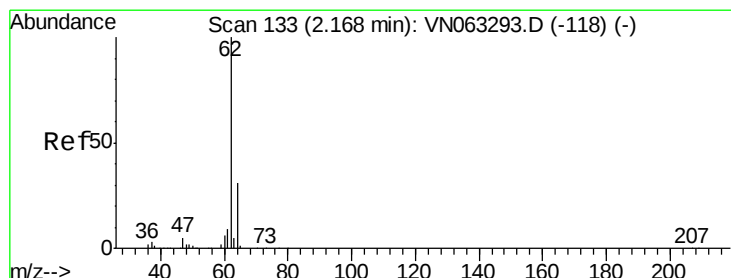
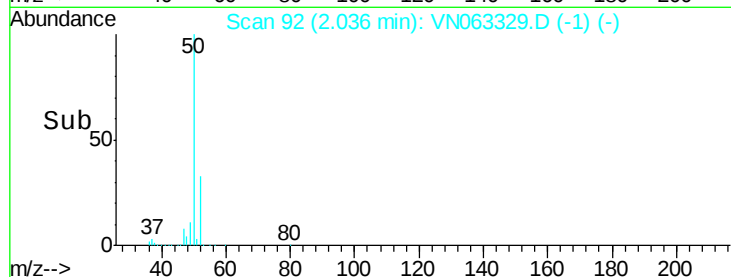
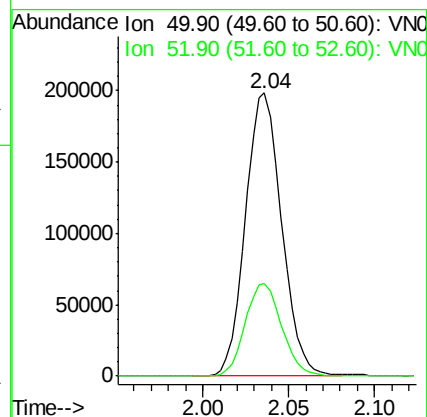
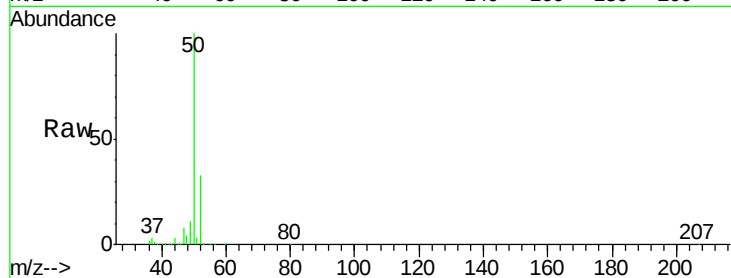
52 33.0 25.4 38.2

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#4

Vinyl Chloride

Concen: 48.411 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063329.D

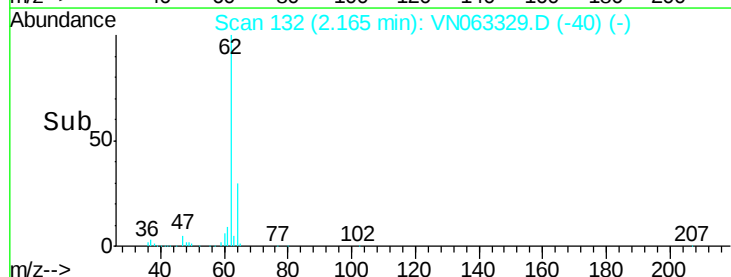
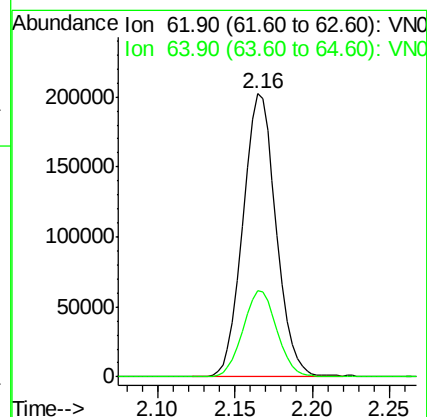
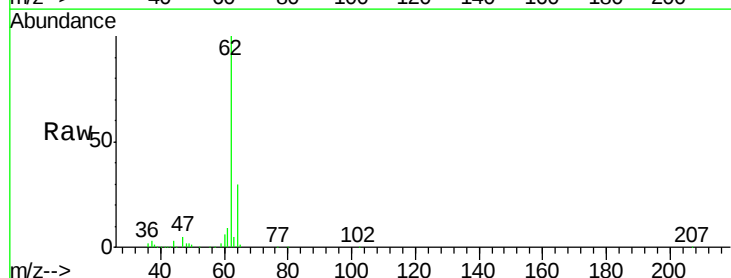
Acq: 11 Sep 2020 21:06

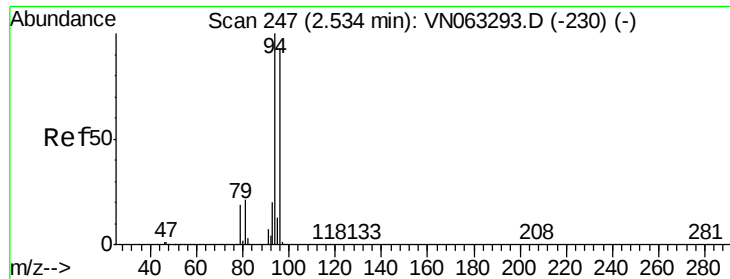
Tgt Ion: 62 Resp: 301593

Ion Ratio Lower Upper

62 100

64 30.3 24.6 37.0





#5

Bromomethane

Concen: 47.659 ug/l

RT: 2.53 min Scan# 246

Delta R.T. -0.00 min

Lab File: VN063329.D

Acq: 11 Sep 2020 21:06

Instrument :

MSVOA_N

ClientSampleId :

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Tot Ion: 94 Resp: 207147

Ion Ratio Lower Upper

94 100

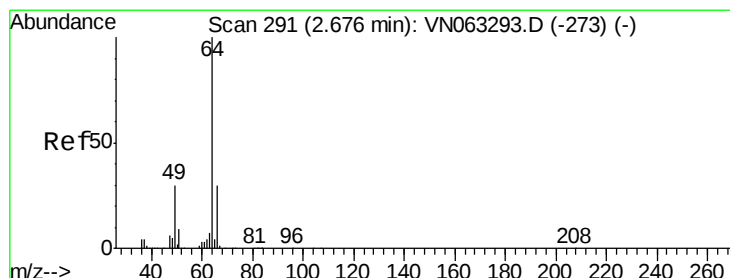
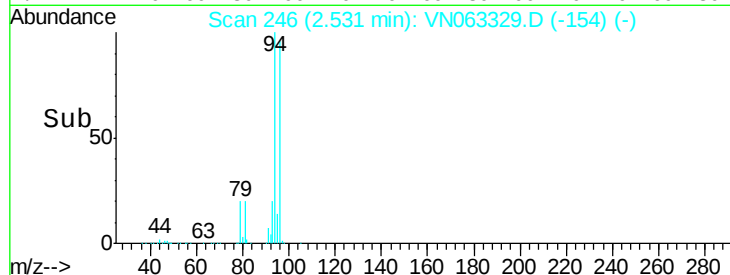
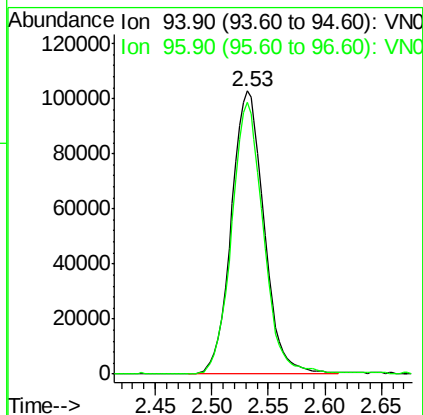
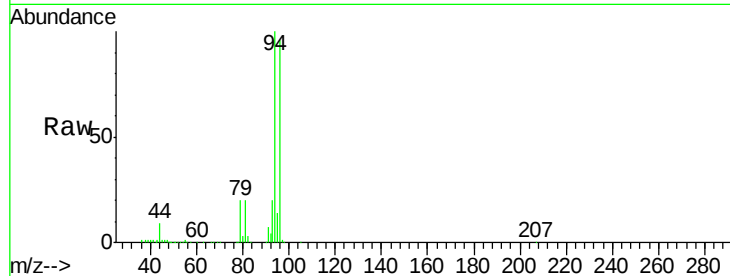
96 95.9 74.3 111.5

Manual Integrations

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#6

Chloroethane

Concen: 48.183 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN063329.D

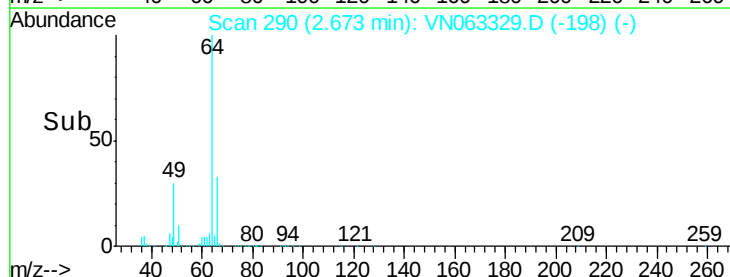
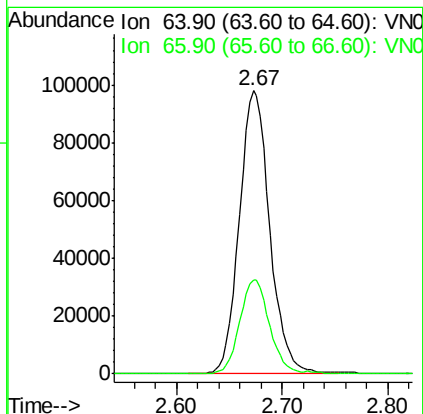
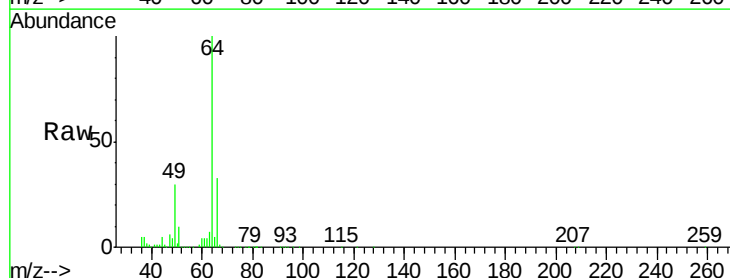
Acq: 11 Sep 2020 21:06

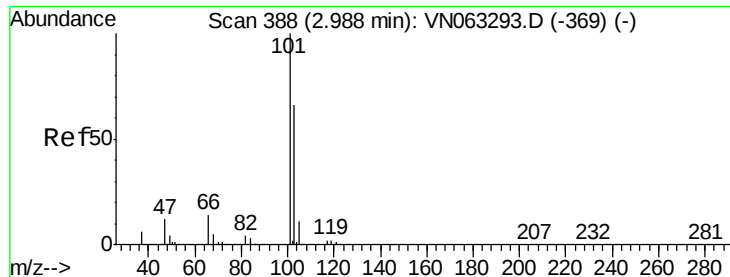
Tgt Ion: 64 Resp: 196358

Ion Ratio Lower Upper

64 100

66 33.2 23.8 35.6





#7

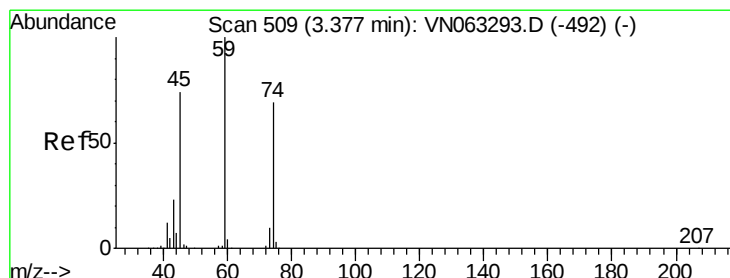
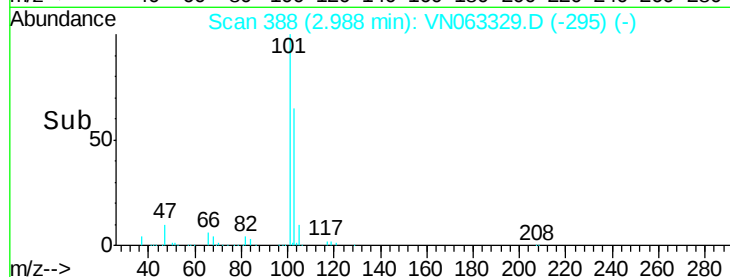
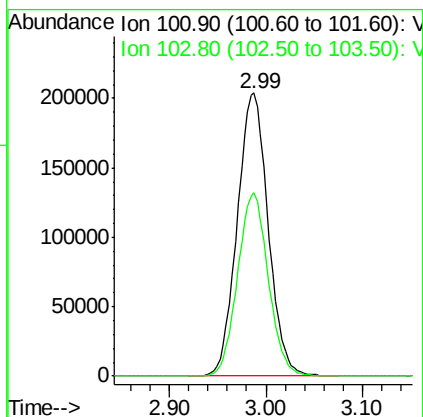
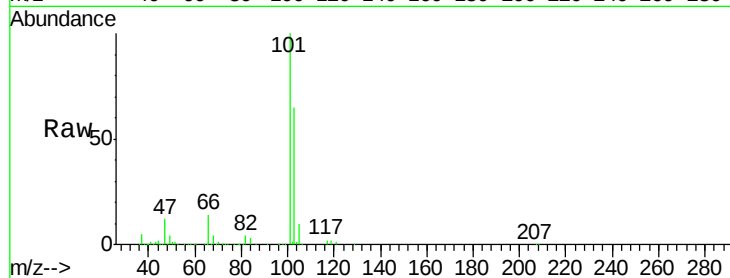
Trichlorofluoromethane
 Concen: 46.982 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN063329.D
 Acq: 11 Sep 2020 21:06

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.4	78.6

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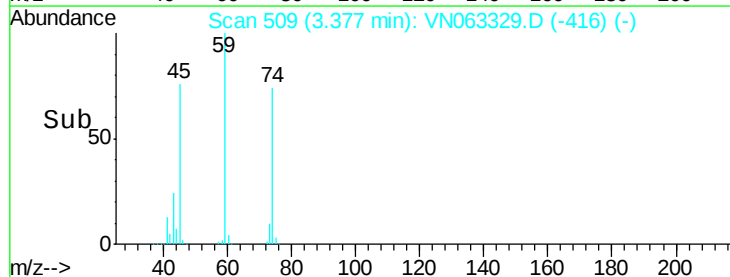
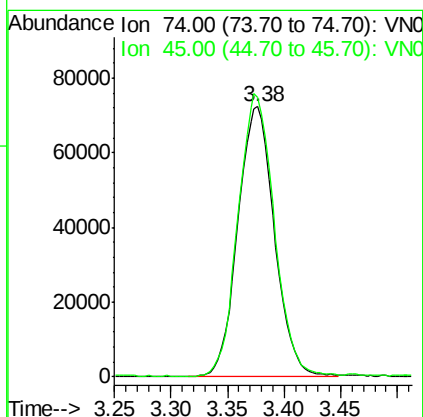
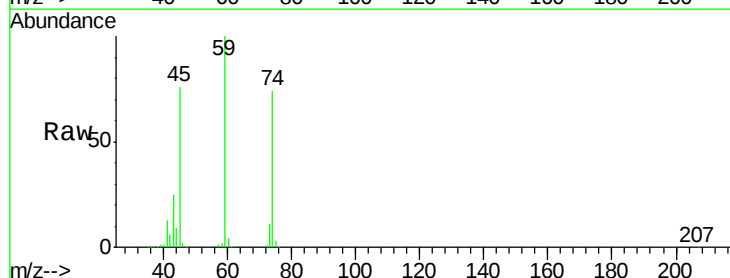
MMDadoda
 9/14/2020 12:08:35 PM

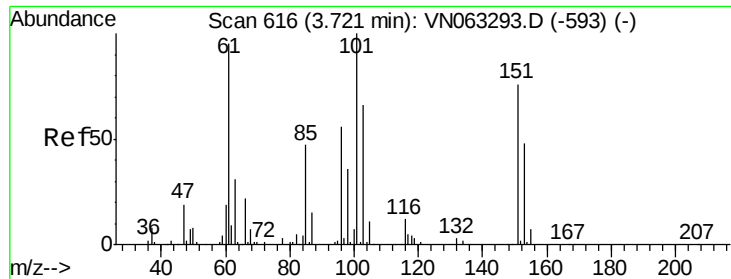


#8

Diethyl Ether
 Concen: 47.493 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN063329.D
 Acq: 11 Sep 2020 21:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.1	52.7	158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.181 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN063329.D

Acq: 11 Sep 2020 21:06

Instrument :

MSVOA_N

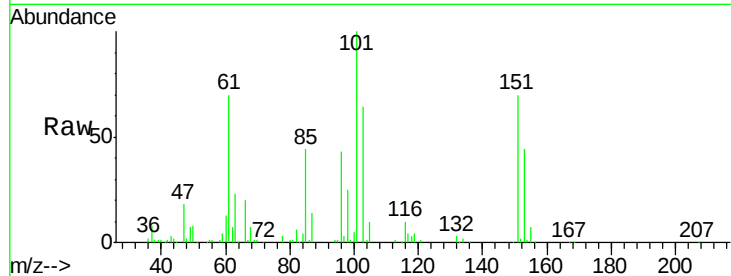
ClientSampled :

VSTDCCC050EC

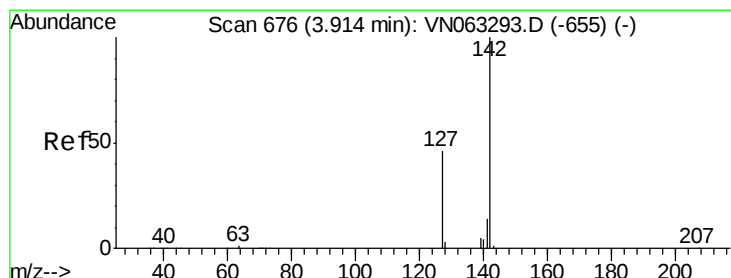
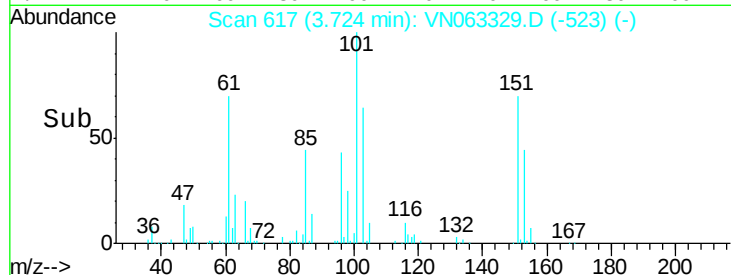
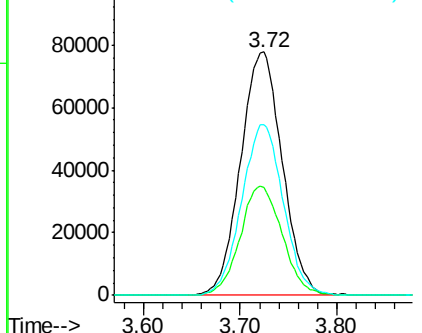
Tot Ion:	101	Resp:	232441
Ion Ratio	Lower	Upper	
101	100		
85	45.4	36.9	55.3
151	70.4	57.8	86.8

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



#10

Methyl Iodide

Concen: 49.854 ug/l

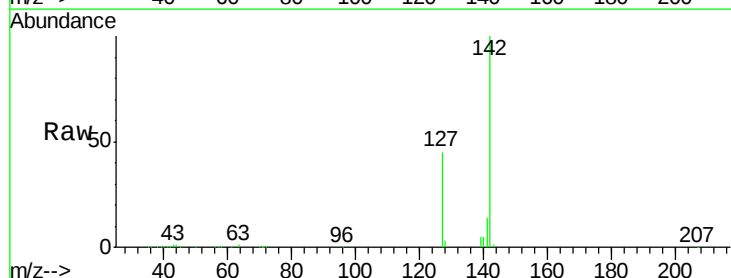
RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

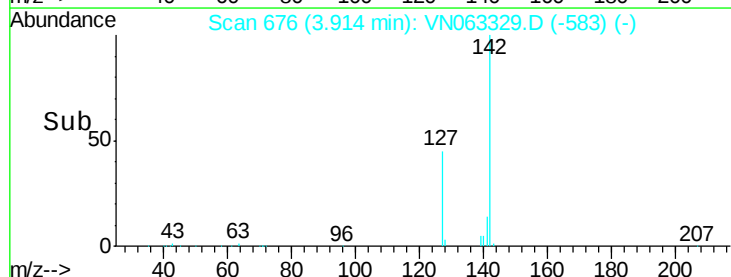
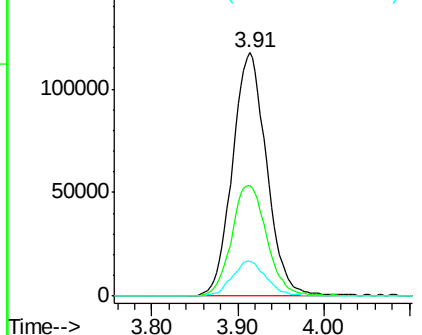
Lab File: VN063329.D

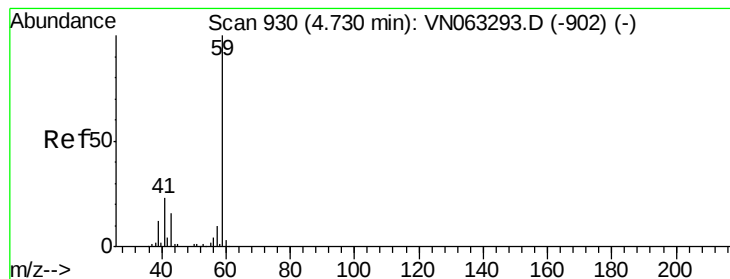
Acq: 11 Sep 2020 21:06

Tgt Ion:	142	Resp:	325282
Ion Ratio	Lower	Upper	
142	100		
127	46.7	37.1	55.7
141	14.3	11.6	17.4



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





#11

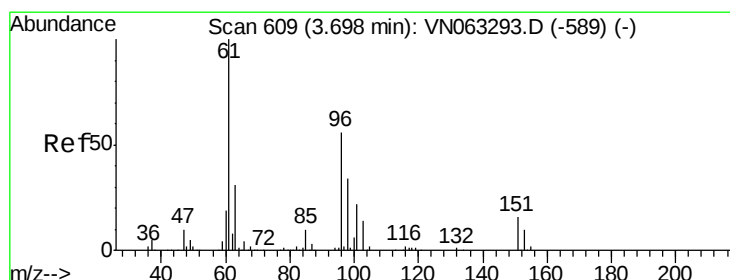
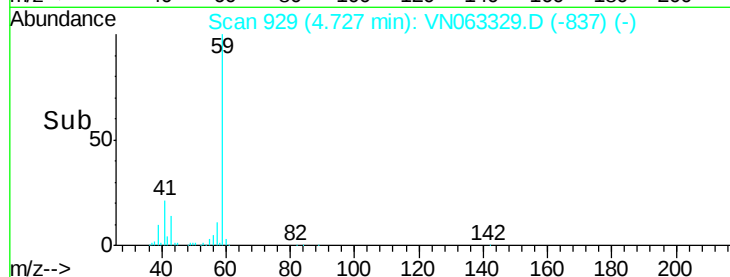
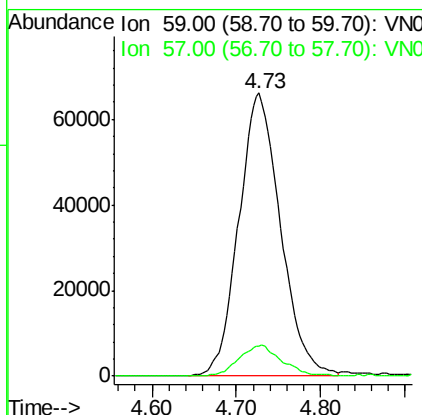
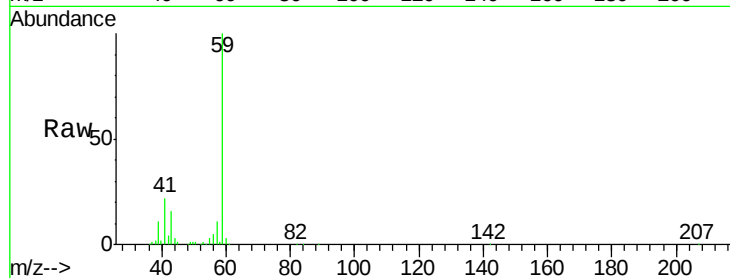
Tert butyl alcohol
Concen: 238.916 ug/l
RT: 4.73 min Scan# 929
Delta R.T. -0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.3	12.5

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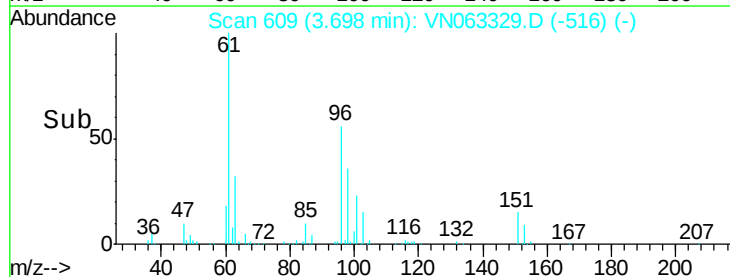
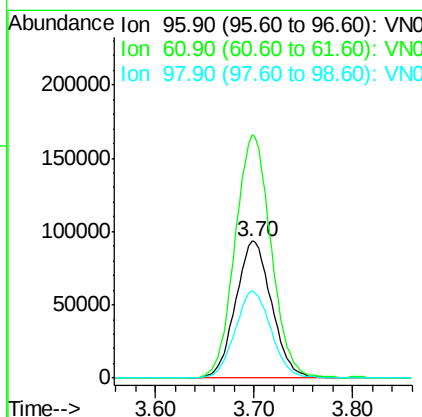
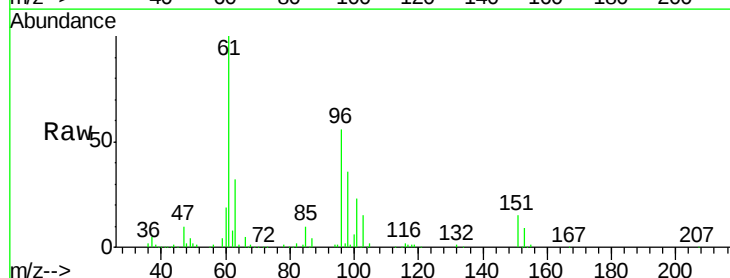
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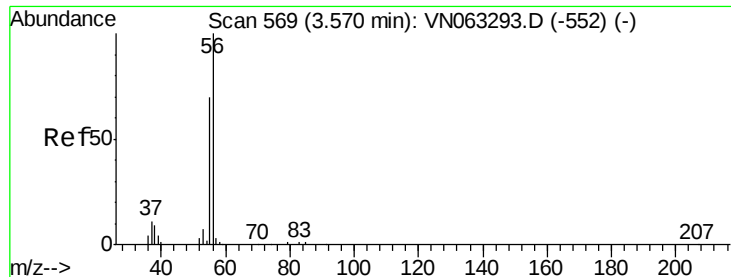


#12

1,1-Dichloroethene
Concen: 47.042 ug/l
RT: 3.70 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	177.4	142.1	213.1
98	63.5	48.8	73.2





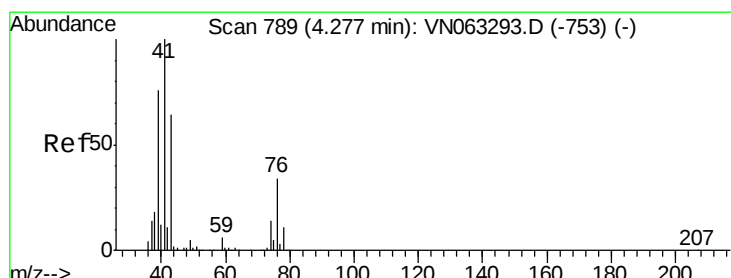
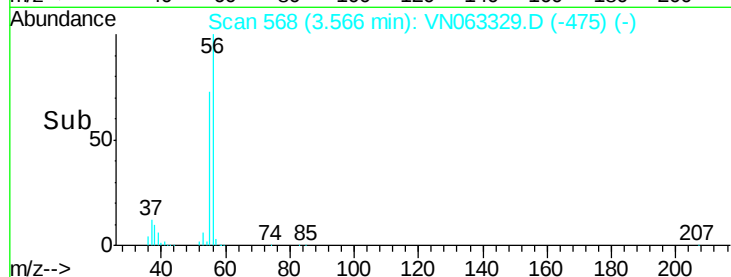
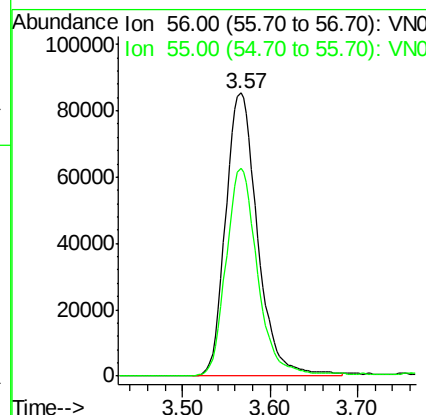
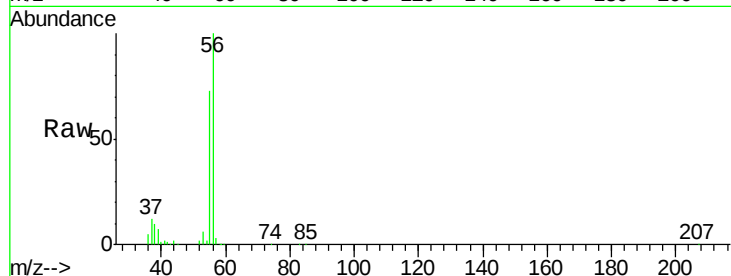
#13
Acrolein
Concen: 395.802 ug/l
RT: 3.57 min Scan# 568
Delta R.T. -0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	216792
Ion Ratio	Lower	Upper	
56	100		
55	72.1	57.2	85.8

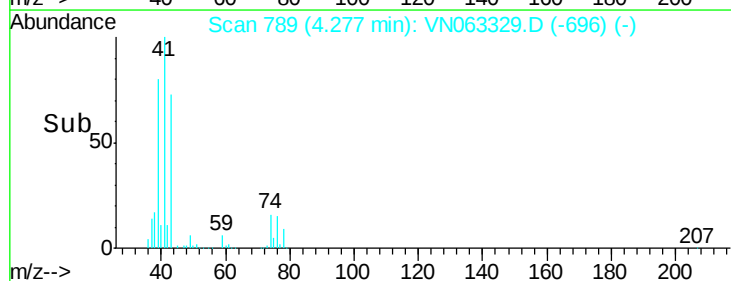
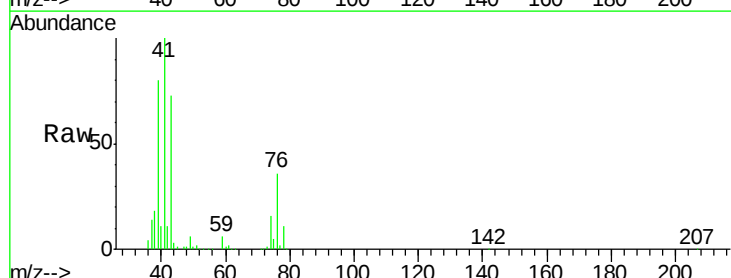
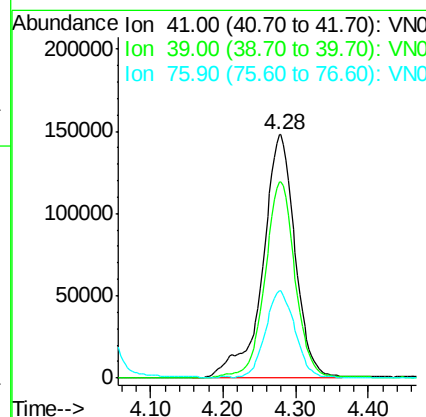
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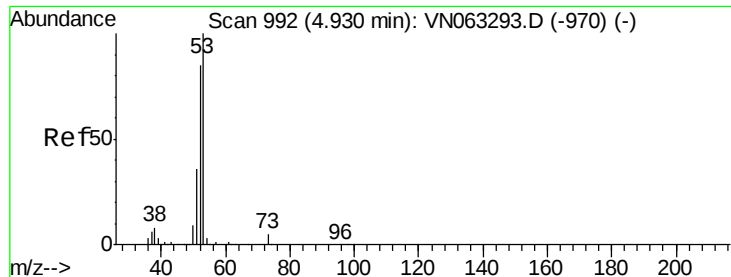
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#14
Allyl chloride
Concen: 44.335 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Tgt Ion	41	Resp	457281
Ion Ratio	Lower	Upper	
41	100		
39	76.0	57.4	86.2
76	32.5	25.7	38.5





#15

Acrylonitrile

Concen: 249.586 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN063329.D

Acq: 11 Sep 2020 21:06

Instrument :

MSVOA_N

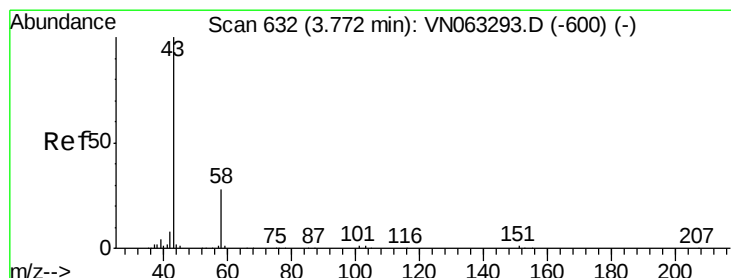
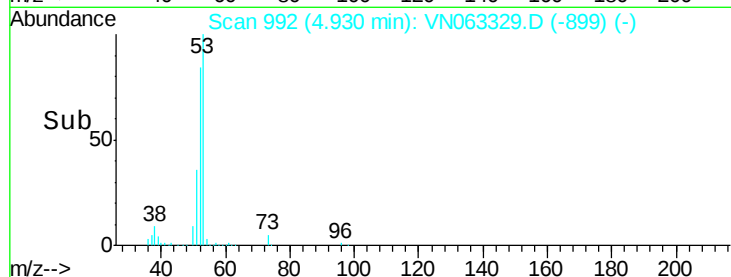
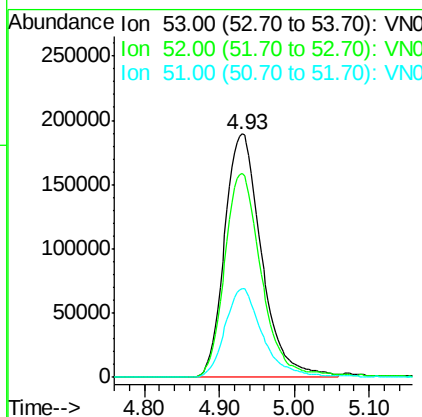
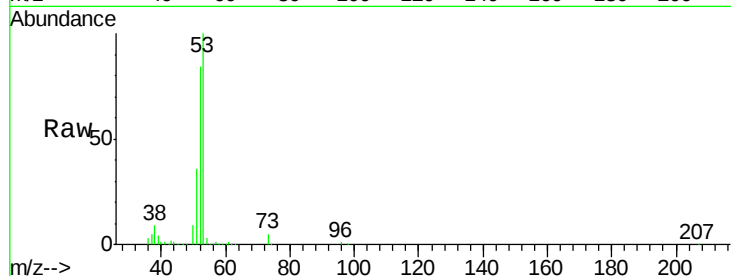
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	649931
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.5	99.7
51	37.2	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 225.501 ug/l

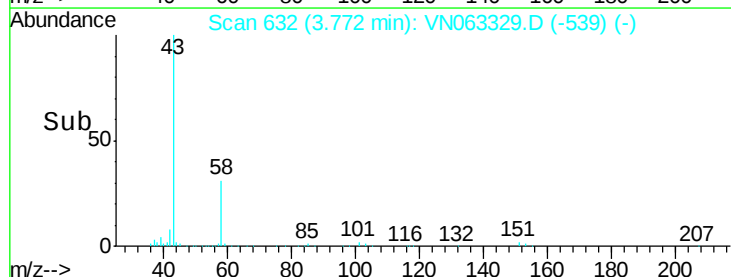
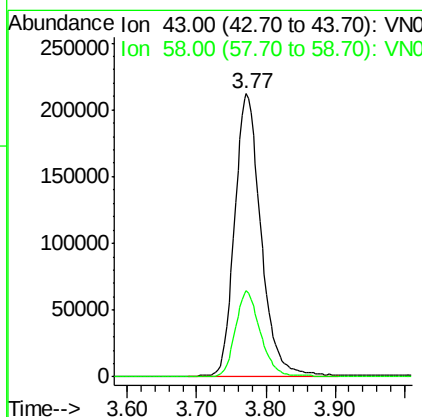
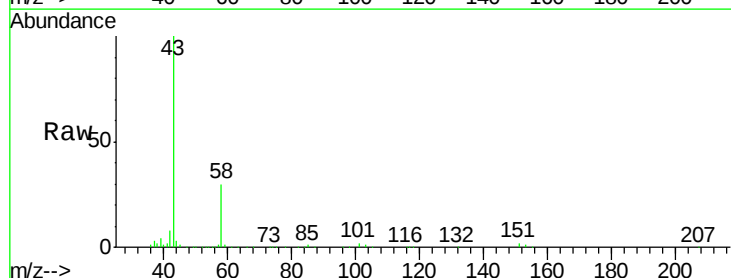
RT: 3.77 min Scan# 632

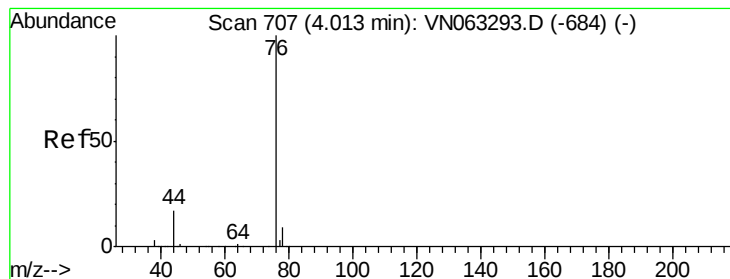
Delta R.T. -0.00 min

Lab File: VN063329.D

Acq: 11 Sep 2020 21:06

Tgt Ion:	43	Resp:	560917
Ion Ratio	Lower	Upper	
43	100		
58	30.4	22.6	34.0





#17

Carbon Disulfide

Concen: 47.107 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063329.D

Acq: 11 Sep 2020 21:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 670479

Ion Ratio Lower Upper

76 100

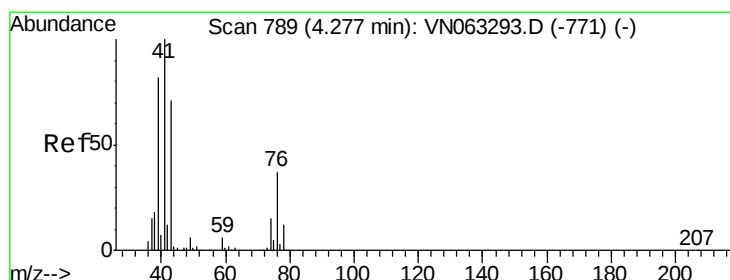
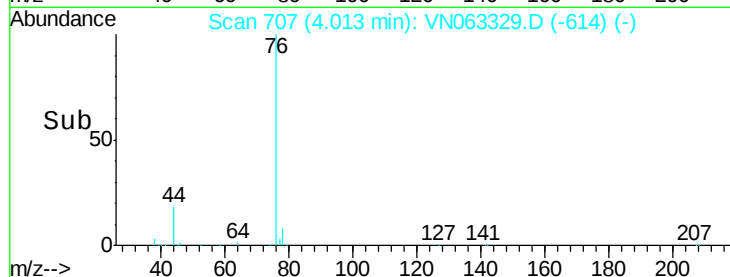
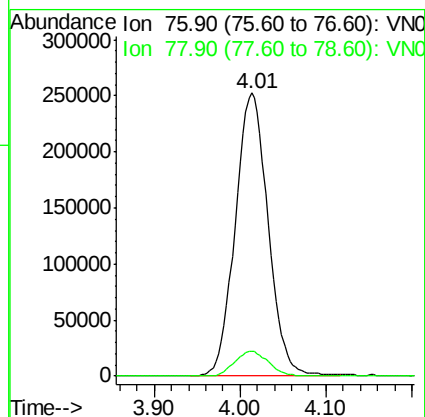
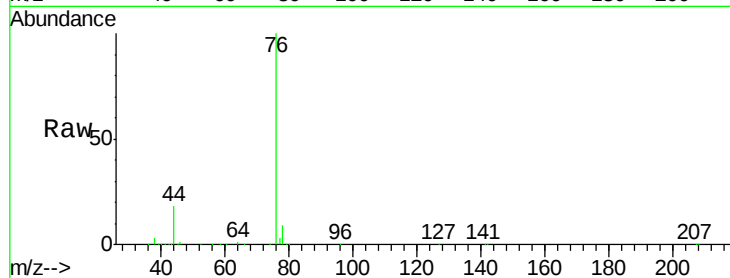
78 8.7 7.2 10.8

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#18

Methyl Acetate

Concen: 48.945 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063329.D

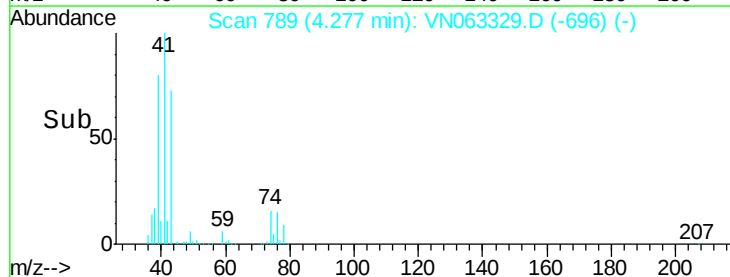
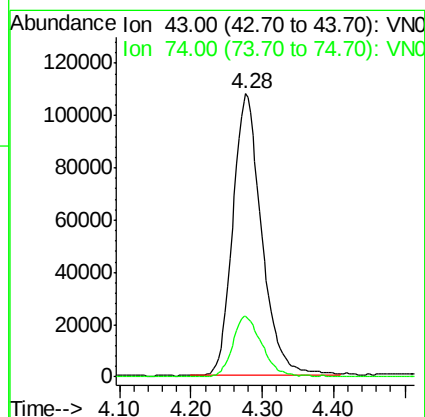
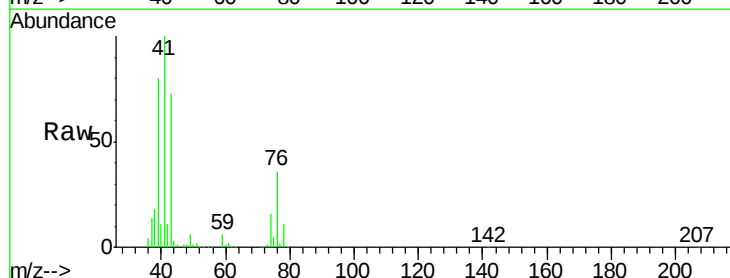
Acq: 11 Sep 2020 21:06

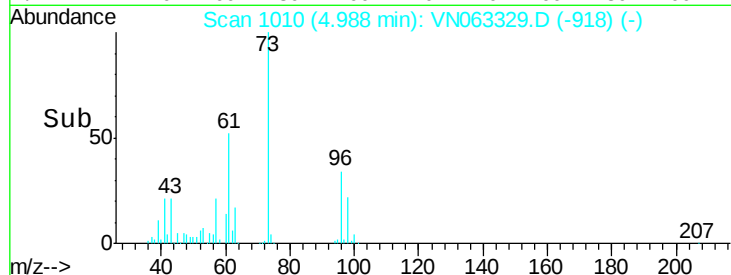
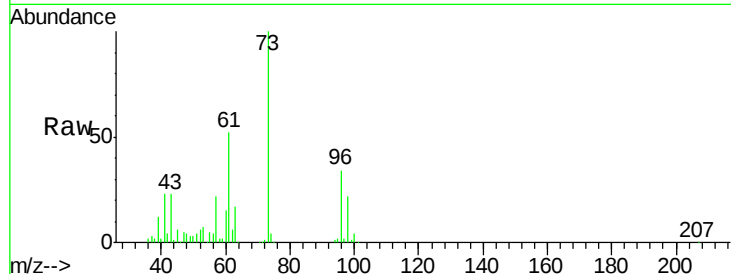
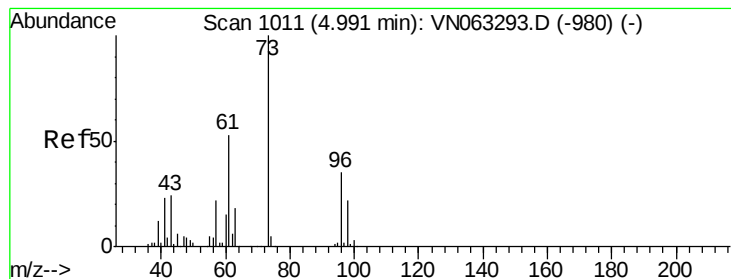
Tgt Ion: 43 Resp: 306048

Ion Ratio Lower Upper

43 100

74 21.5 17.8 26.6





#19

Methyl tert-butyl Ether

Concen: 48.310 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063329.D

Acq: 11 Sep 2020 21:06

Tot Ion: 73 Resp: 867330

Ion Ratio Lower Upper

73 100

57 21.5 17.5 26.3

Instrument :

MSVOA_N

ClientSampleId :

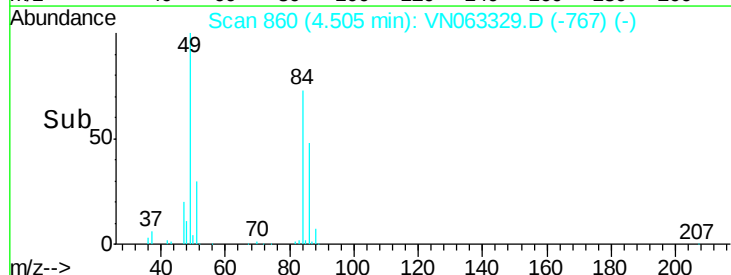
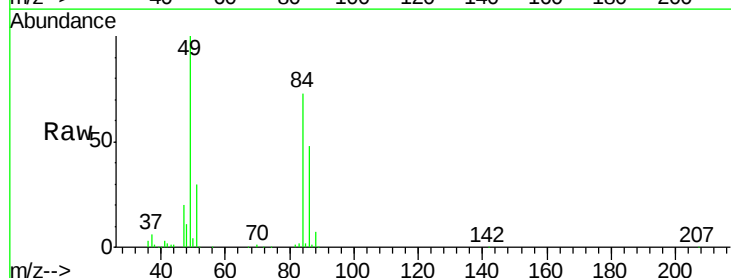
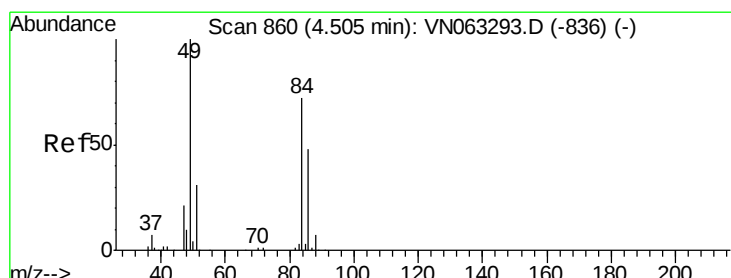
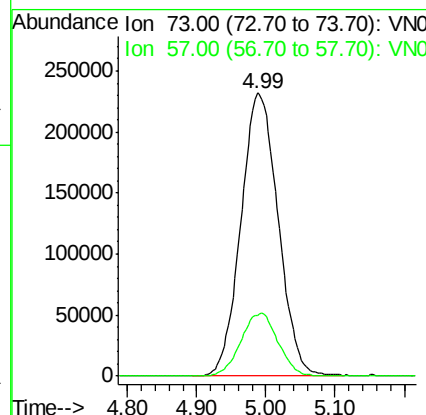
VSTDCCC050EC

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#20

Methylene Chloride

Concen: 50.107 ug/l

RT: 4.51 min Scan# 860

Delta R.T. 0.00 min

Lab File: VN063329.D

Acq: 11 Sep 2020 21:06

Tgt Ion: 84 Resp: 283748

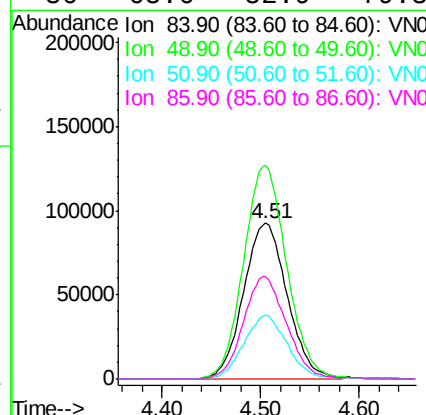
Ion Ratio Lower Upper

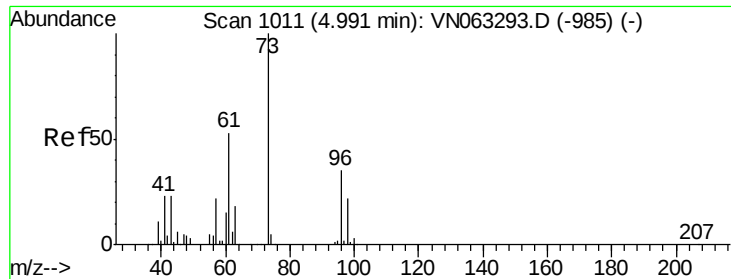
84 100

49 136.9 111.1 166.7

51 40.7 34.3 51.5

86 65.6 52.9 79.3





#21

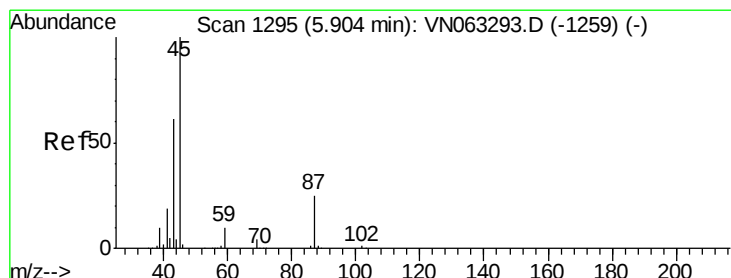
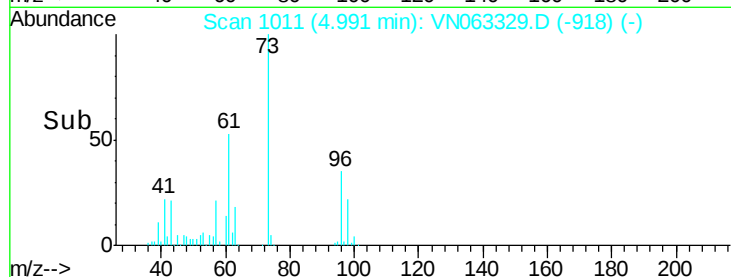
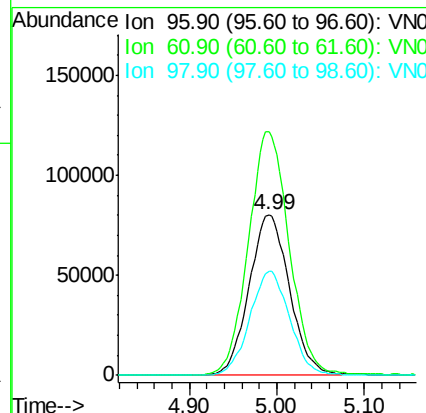
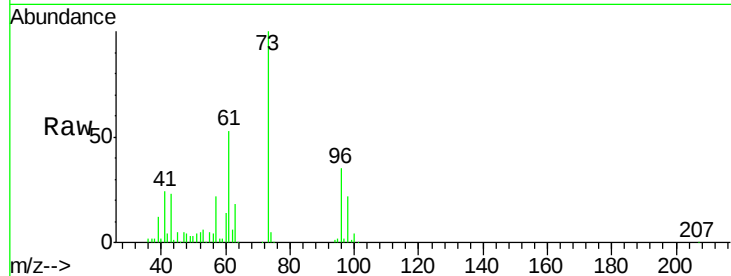
trans-1,2-Dichloroethene
Concen: 45.758 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.6	121.8	182.8
98	64.6	51.2	76.8

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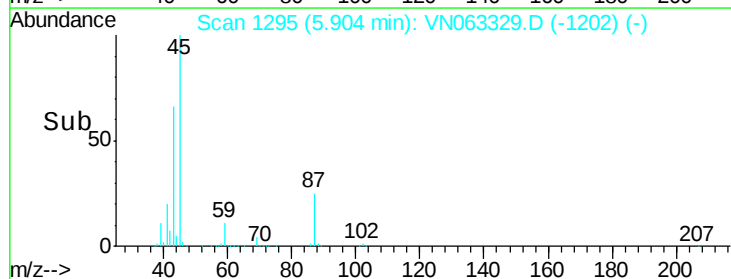
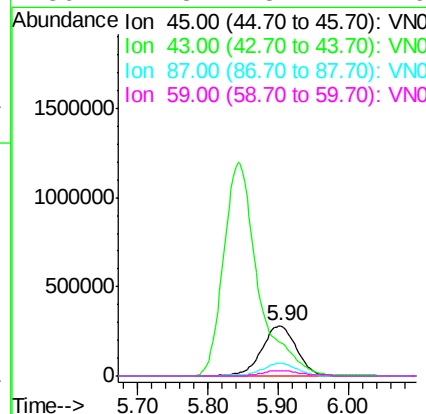
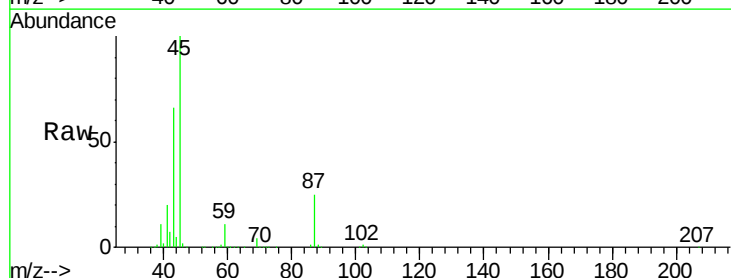
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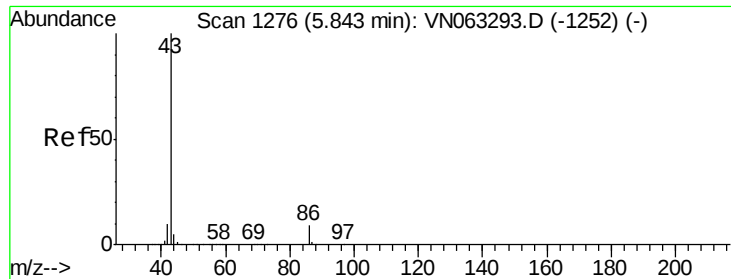


#22

Diisopropyl ether
Concen: 47.960 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Tgt Ion	Ratio	Lower	Upper
45	100		
43	65.8	50.3	75.5
87	25.0	20.7	31.1
59	11.3	8.4	12.6





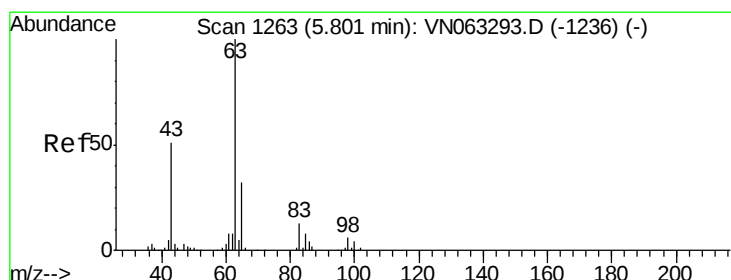
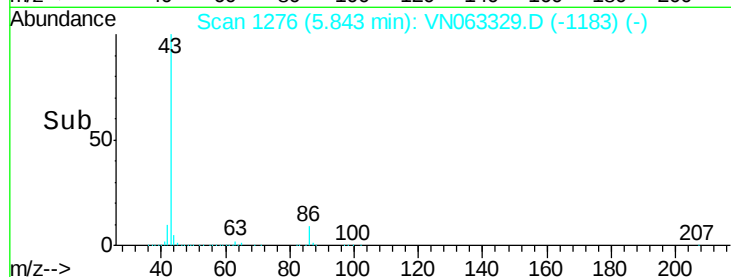
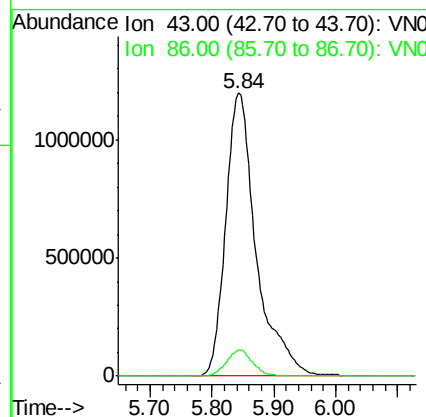
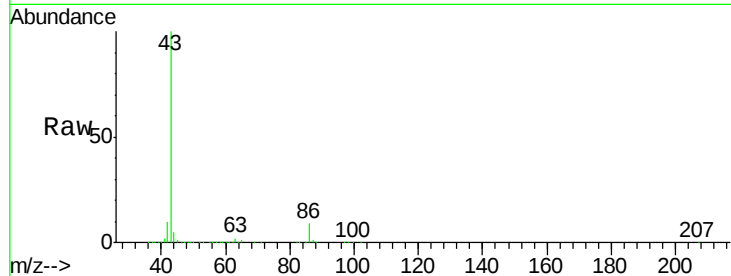
#23
 Vinyl Acetate
 Concen: 256.911 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063329.D
 Acq: 11 Sep 2020 21:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 4104631
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.2 10.8

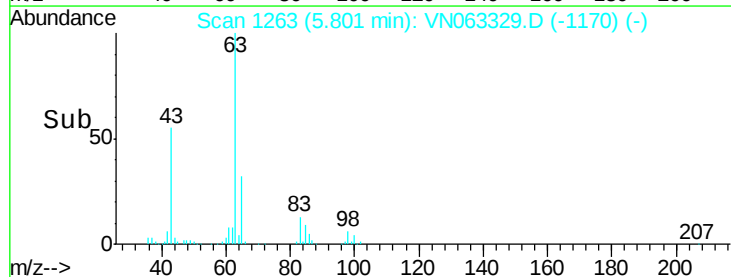
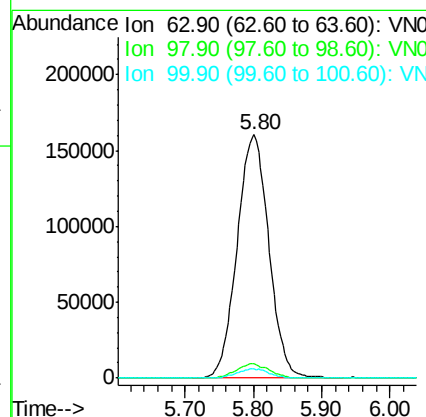
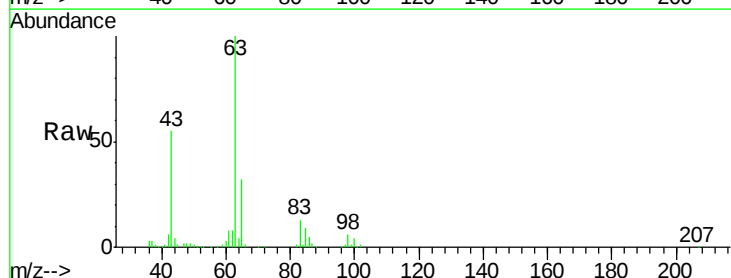
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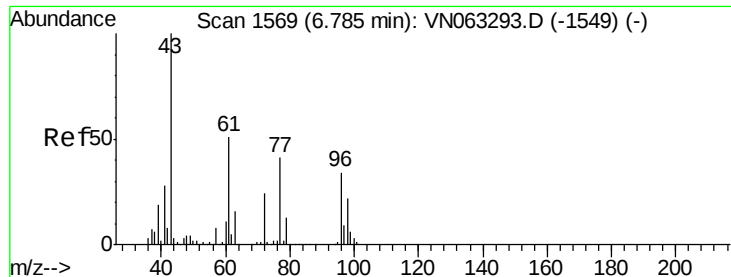
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#24
 1,1-Dichloroethane
 Concen: 47.234 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: VN063329.D
 Acq: 11 Sep 2020 21:06

Tgt Ion: 63 Resp: 519204
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.1 9.3
 100 3.6 2.0 6.0





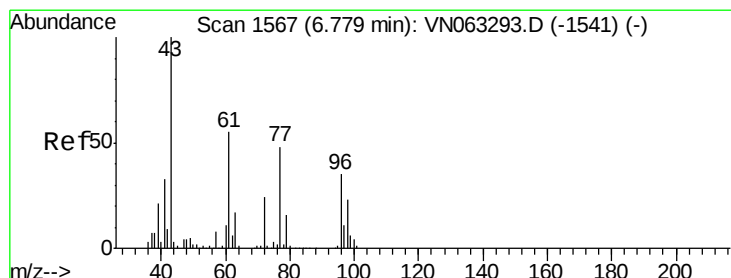
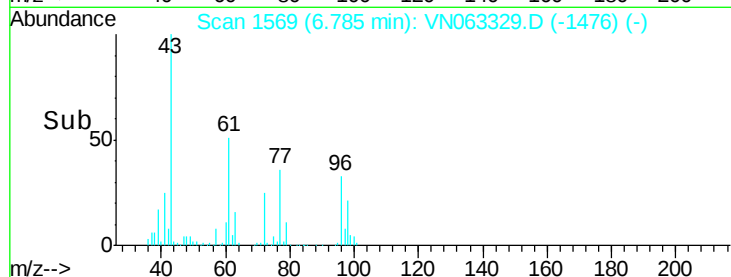
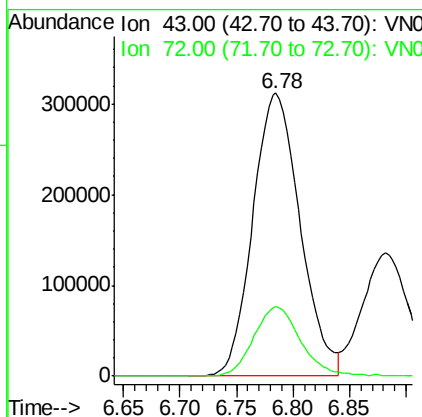
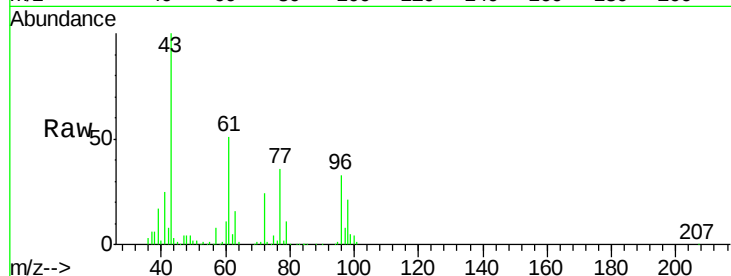
#25
2-Butanone
Concen: 244.956 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 900061
Ion Ratio Lower Upper
43 100
72 24.5 19.4 29.2

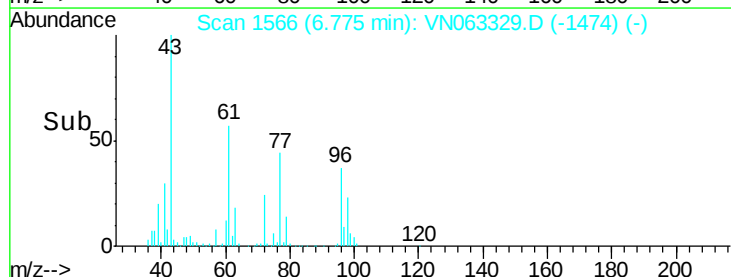
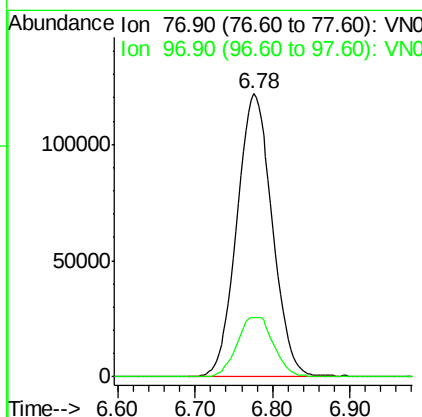
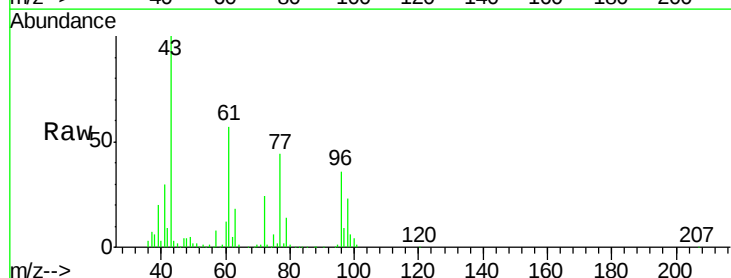
Manual Integrations
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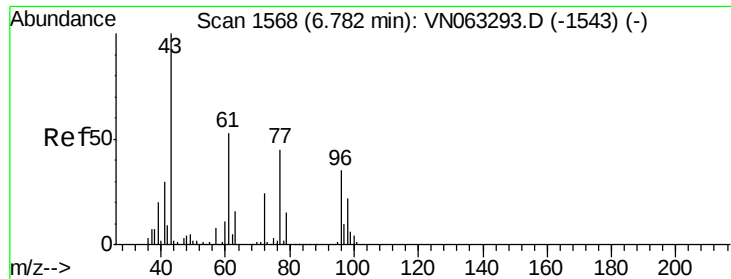
MMDadoda
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#26
2,2-Dichloropropane
Concen: 40.220 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Tgt Ion: 77 Resp: 387492
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.6





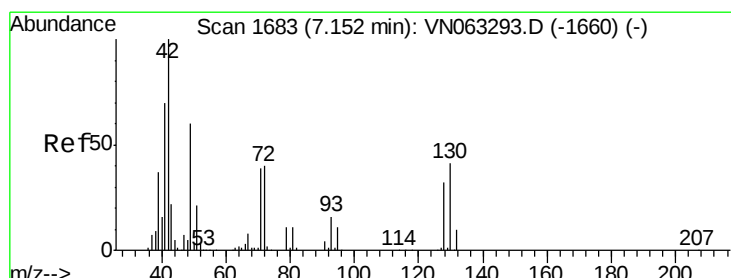
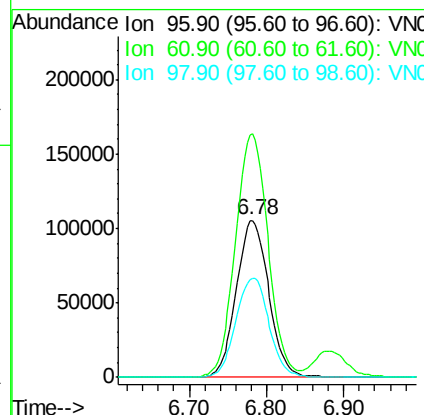
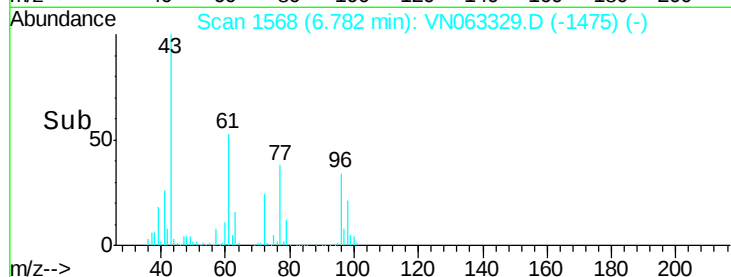
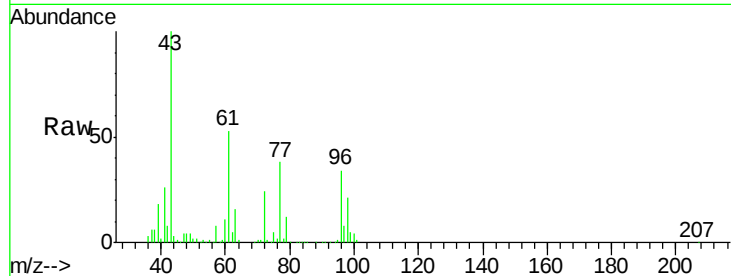
#27
 cis-1,2-Dichloroethene
 Concen: 46.915 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN063329.D
 Acq: 11 Sep 2020 21:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	307423		
61	155.8		0.0	322.8
98	64.5		0.0	132.2

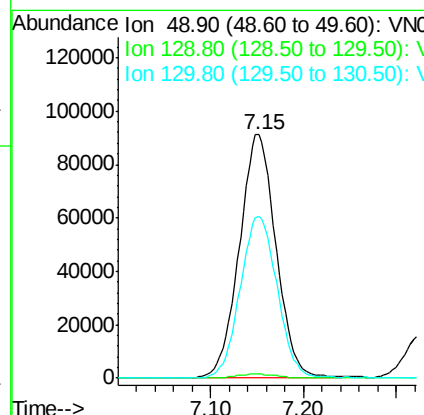
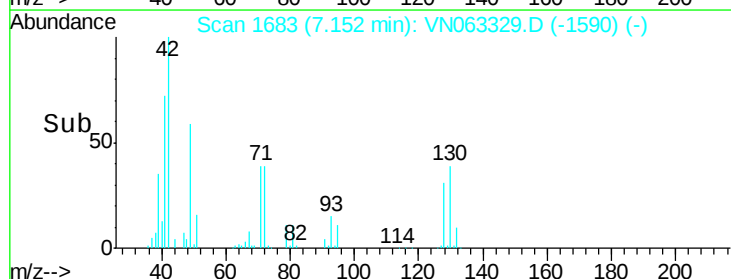
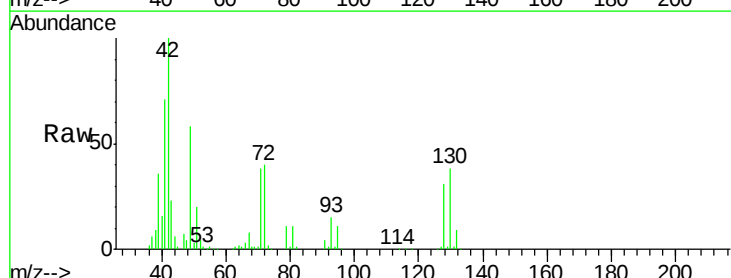
Manual Integrations
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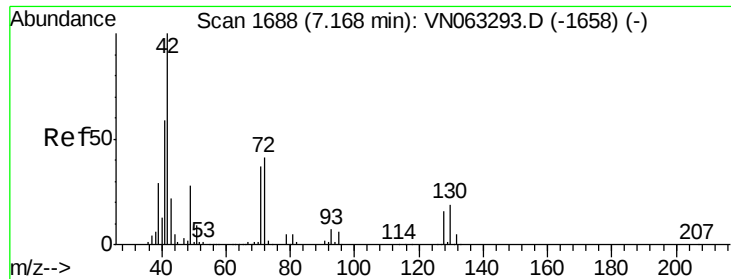
MMDadoda
 9/14/2020 12:08:35 PM



#28
 Bromochloromethane
 Concen: 46.773 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: VN063329.D
 Acq: 11 Sep 2020 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	249307		
129	1.8		0.0	3.4
130	67.1		53.1	79.7





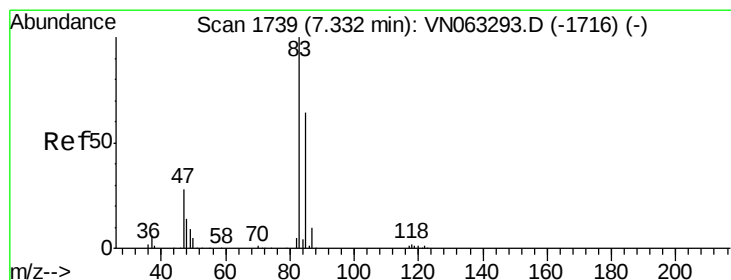
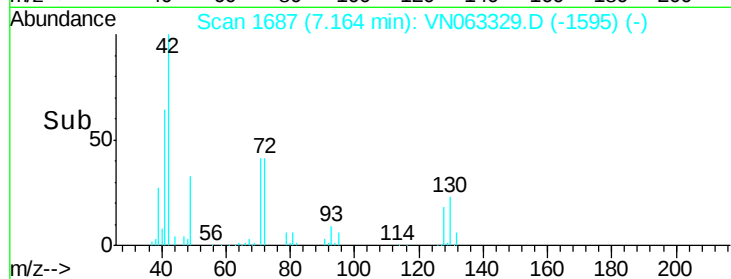
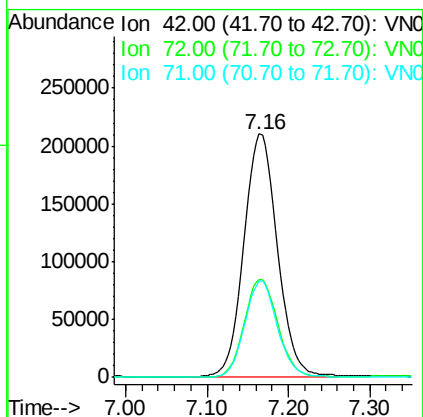
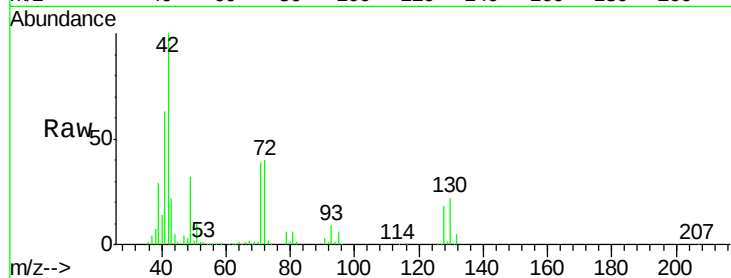
#29
Tetrahydrofuran
Concen: 248.790 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.6	31.4	47.2
71	38.6	30.0	45.0

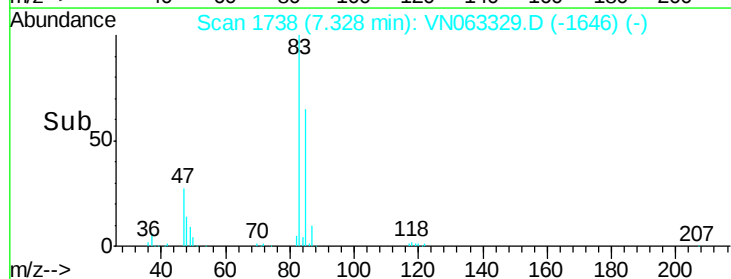
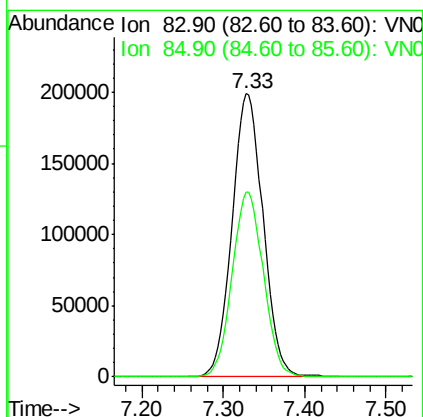
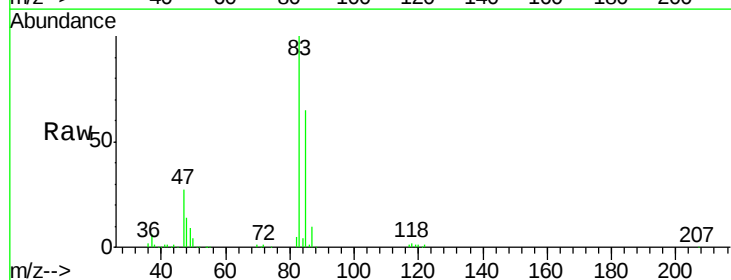
Manual Integrations
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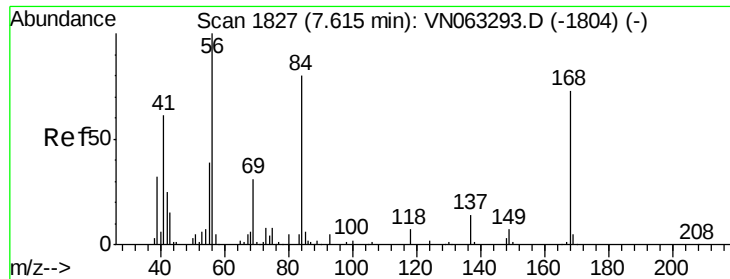
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9/14/2020 12:08:35 PM



#30
Chloroform
Concen: 47.942 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.2	76.8





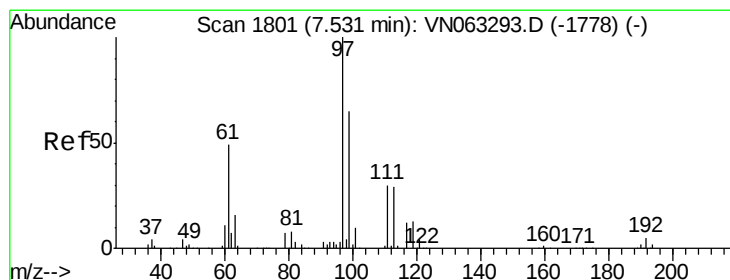
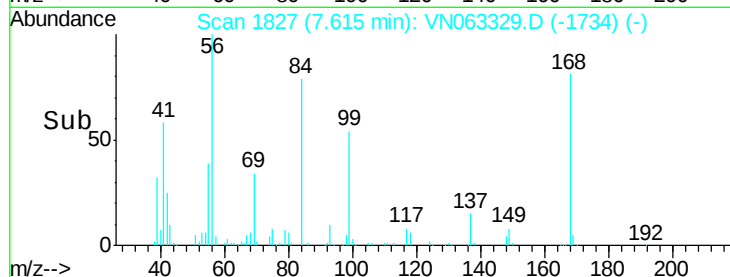
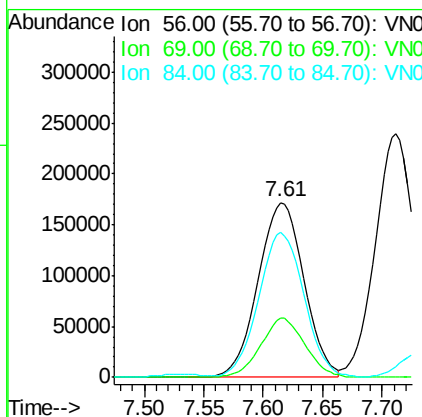
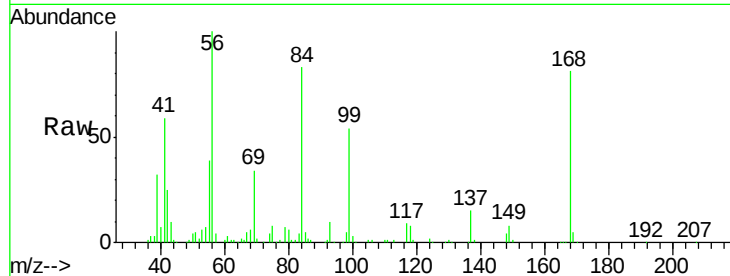
#31
Cyclohexane
Concen: 45.392 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.0	25.1	37.7
84	81.2	64.2	96.2

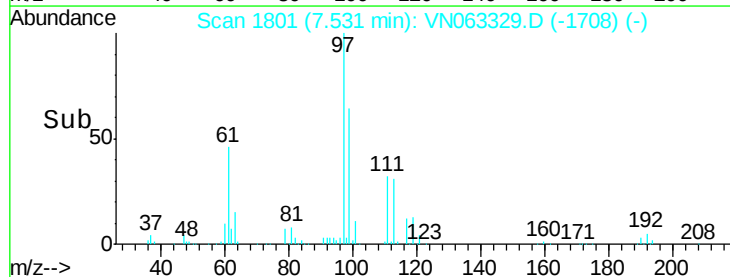
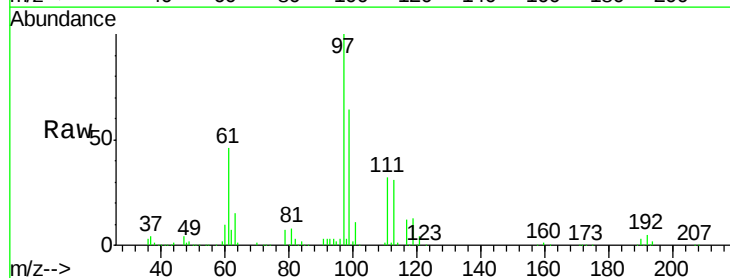
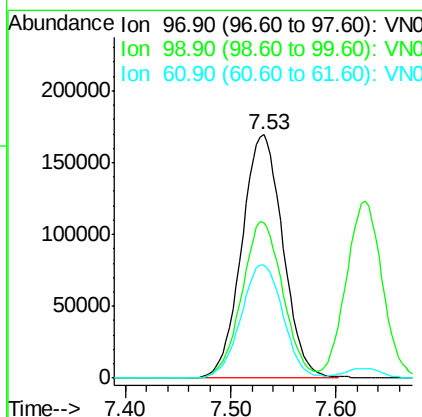
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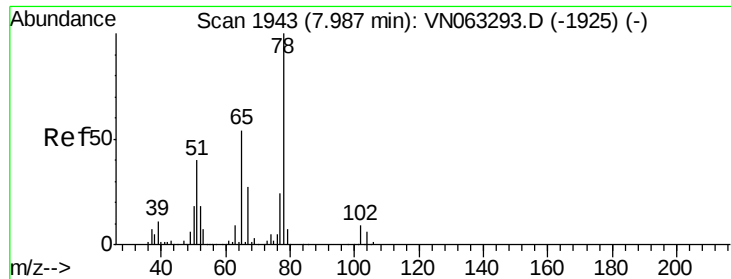
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#32
1,1,1-Trichloroethane
Concen: 47.975 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.4	77.2
61	47.4	38.9	58.3





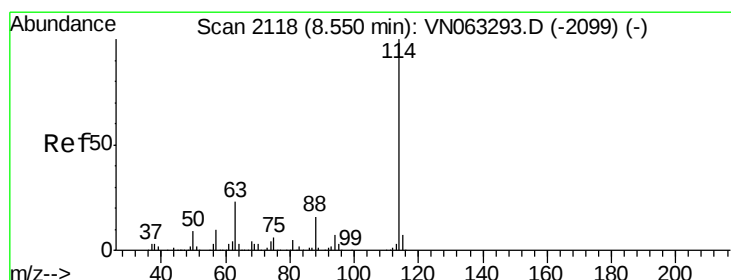
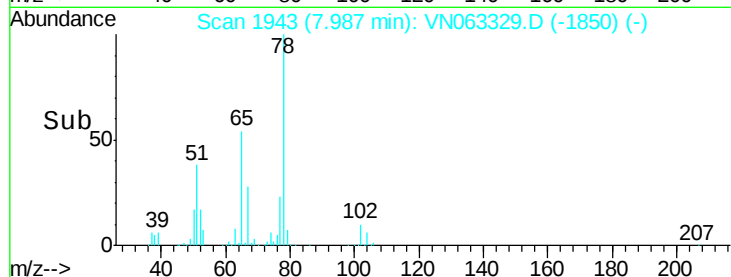
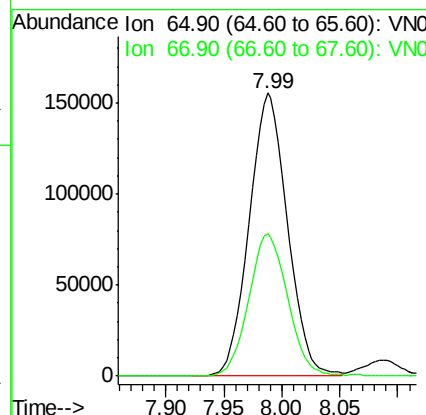
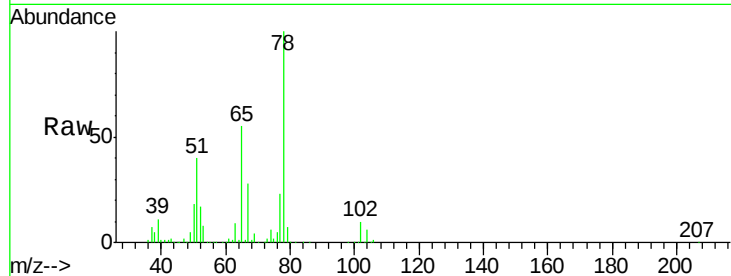
#33
 1,2-Dichloroethane-d4
 Concen: 49.563 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063329.D
 Acq: 11 Sep 2020 21:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	357030		
67	51.0	0.0	104.6	

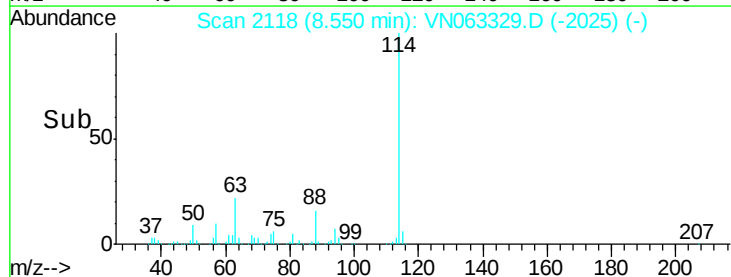
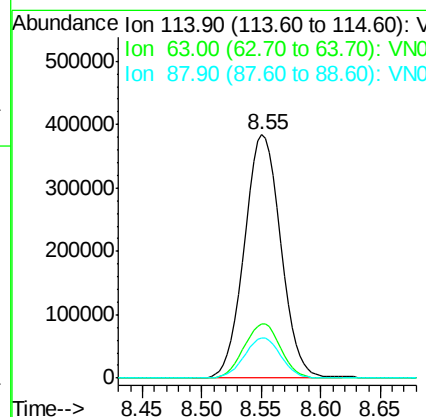
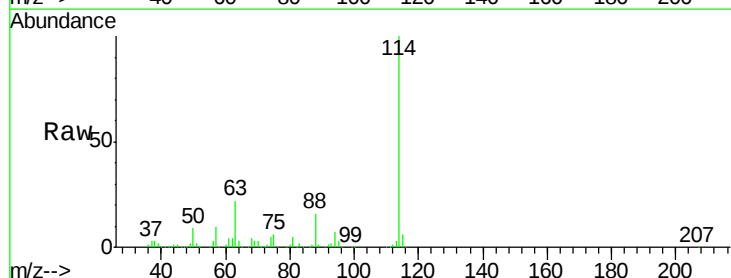
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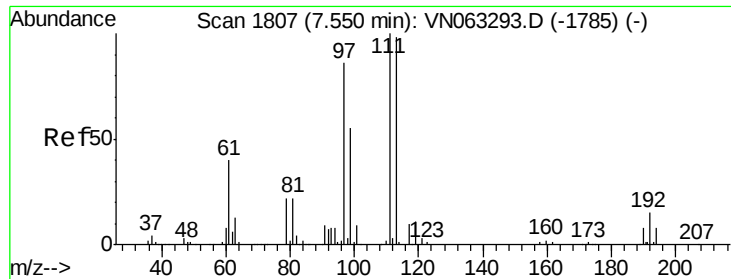
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063329.D
 Acq: 11 Sep 2020 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	815517		
63	22.1	0.0	46.0	
88	16.4	0.0	32.8	





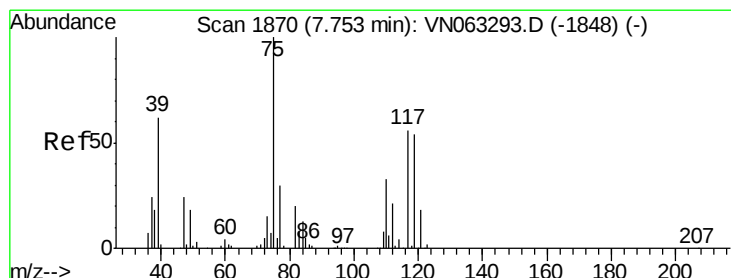
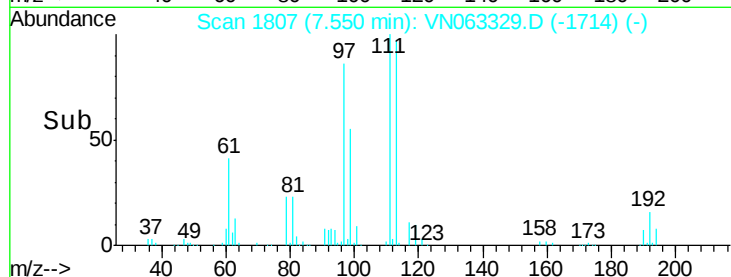
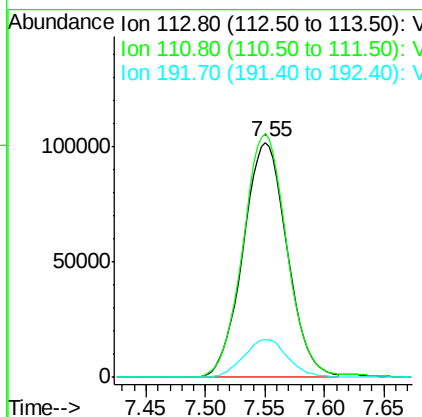
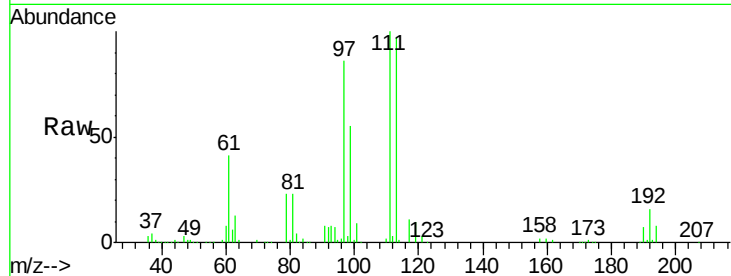
#35
 Dibromofluoromethane
 Concen: 49.621 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN063329.D
 Acq: 11 Sep 2020 21:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	261062		
111	103.8	82.2	123.2	
192	16.2	12.9	19.3	

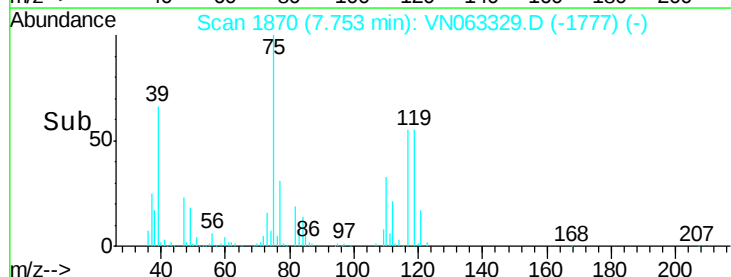
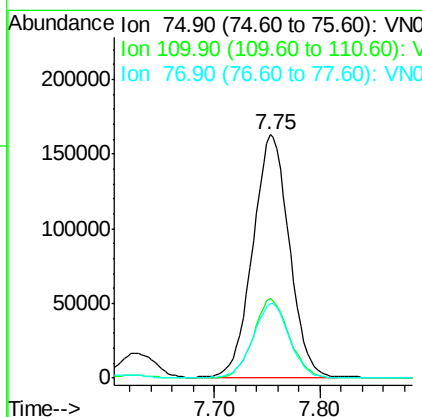
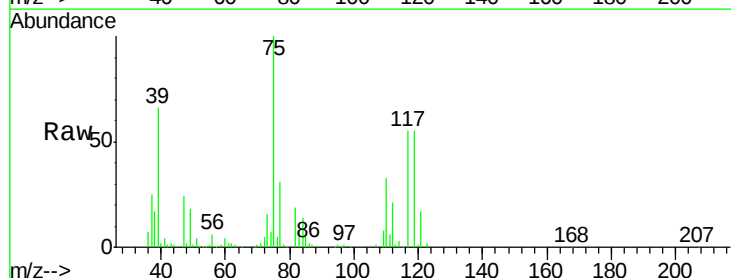
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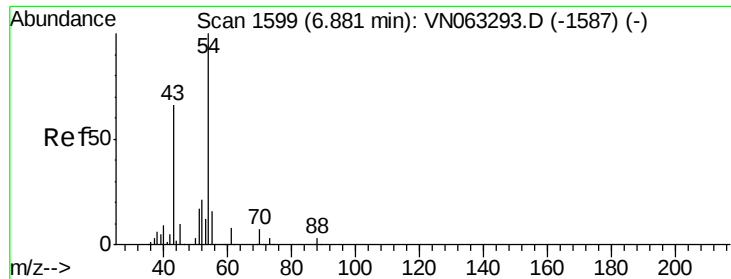
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 9/14/2020 12:08:35 PM



#36
 1,1-Dichloropropene
 Concen: 46.589 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063329.D
 Acq: 11 Sep 2020 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	390533		
110	32.2	16.4	49.4	
77	31.0	24.8	37.2	





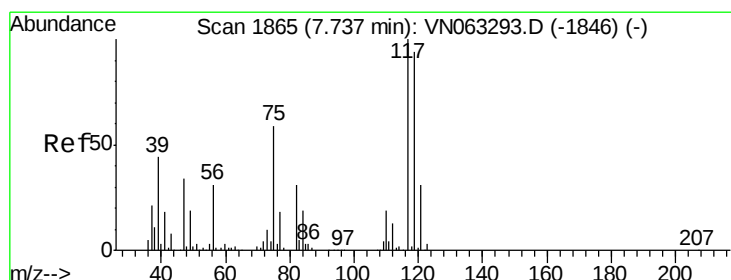
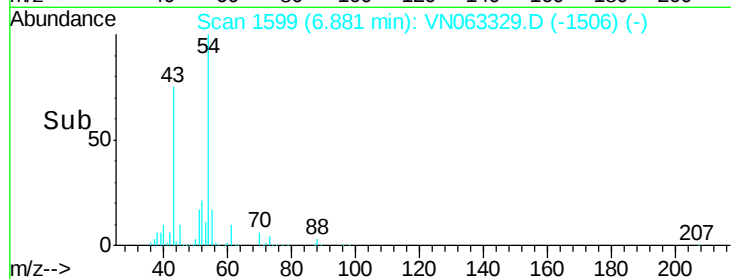
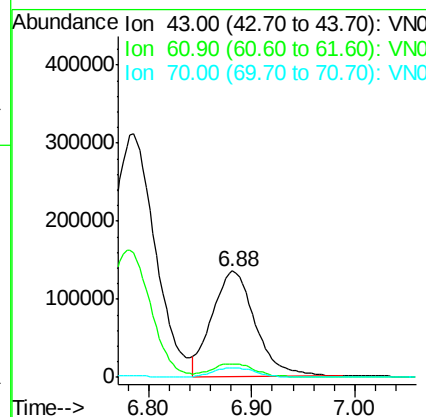
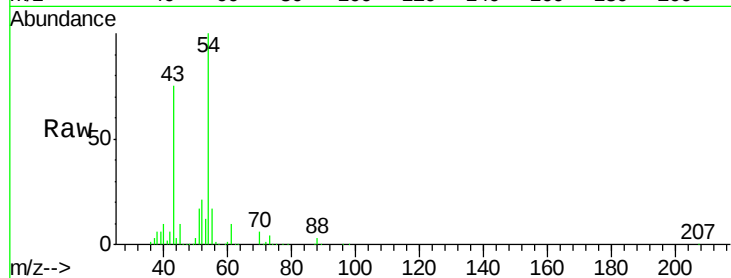
#37
Ethyl Acetate
Concen: 47.484 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.1	15.1
70	8.7	7.4	11.2

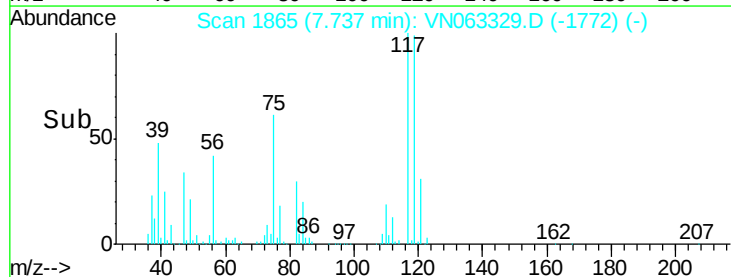
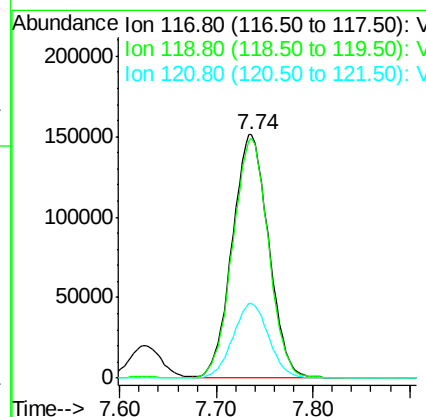
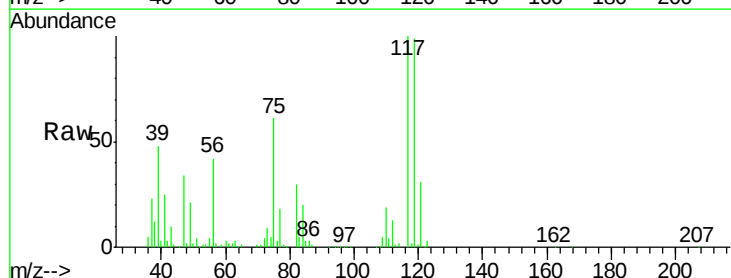
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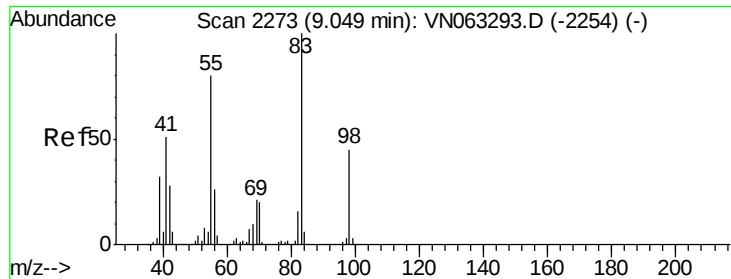
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#38
Carbon Tetrachloride
Concen: 47.735 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.7	75.3	112.9
121	30.7	24.6	37.0





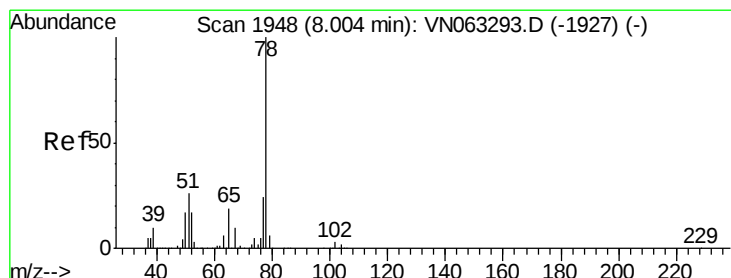
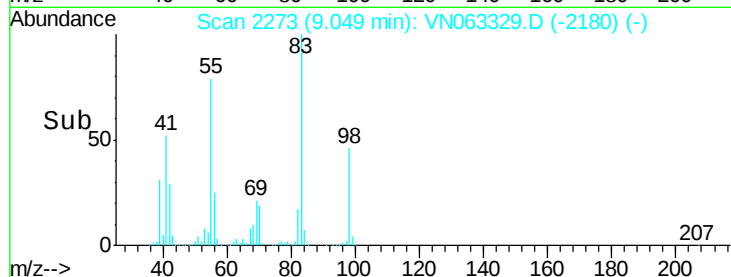
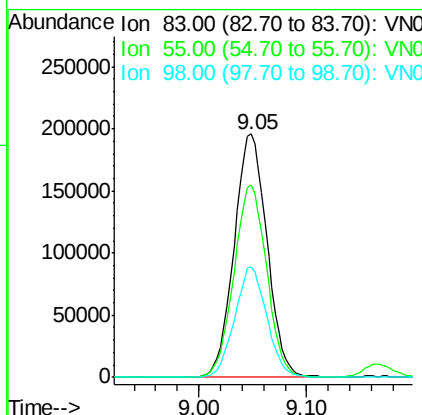
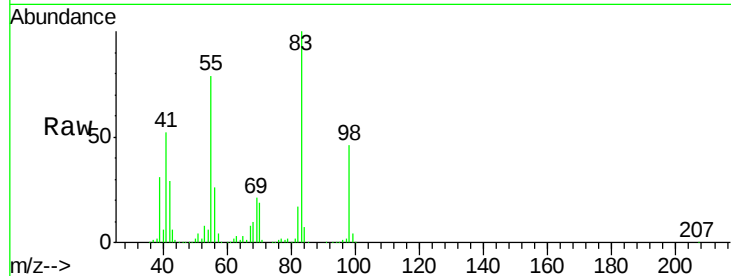
#39
Methvlcvclohexane
Concen: 45.562 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.2	64.0	96.0
98	45.5	36.4	54.6

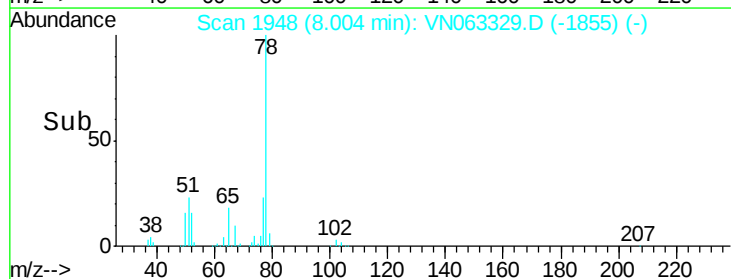
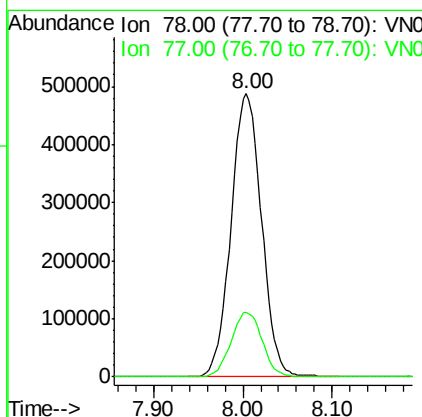
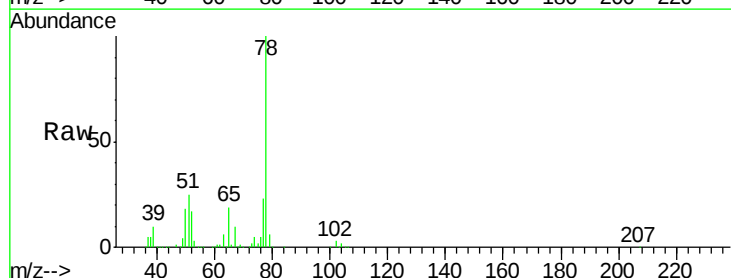
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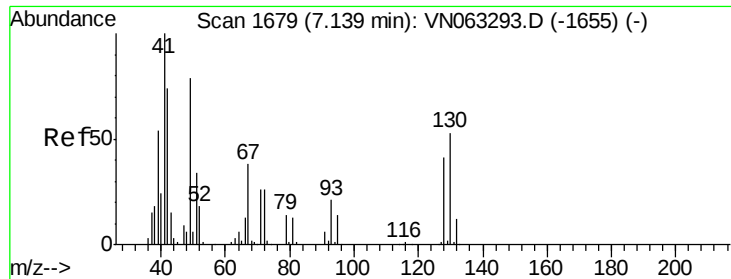
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#40
Benzene
Concen: 48.296 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.8	28.2





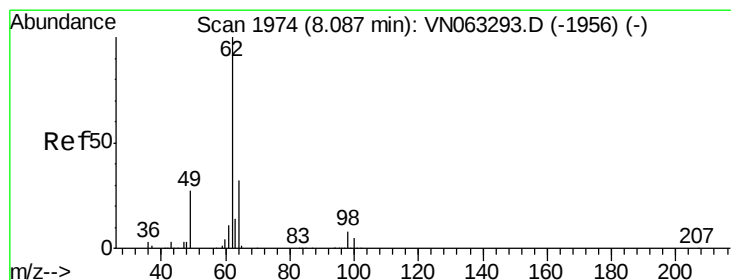
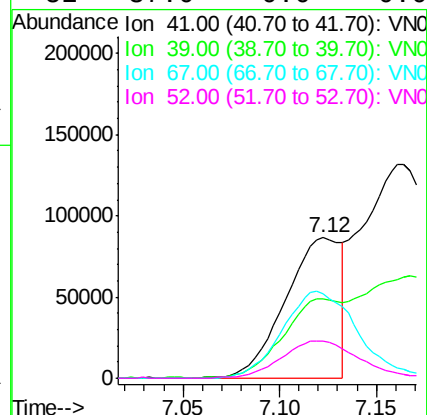
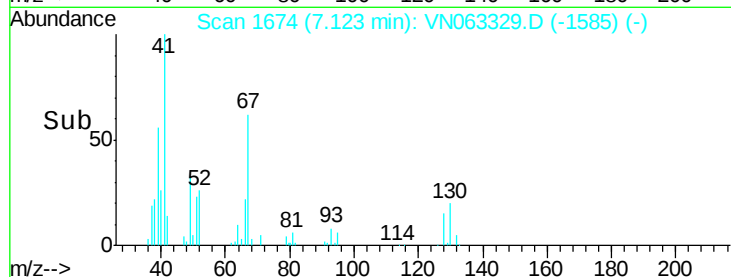
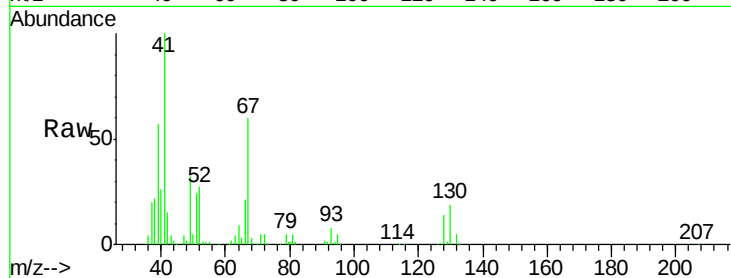
#41
Methacrylonitrile
Concen: 46.287 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.02 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	57.8	0.0	0.0#
67	85.2	0.0	0.0#
52	37.0	0.0	0.0#

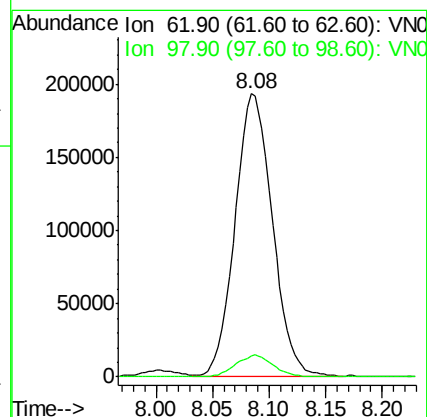
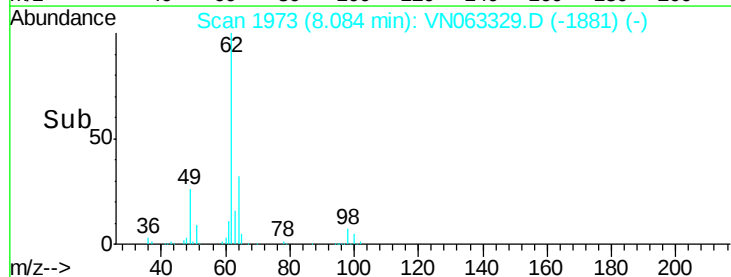
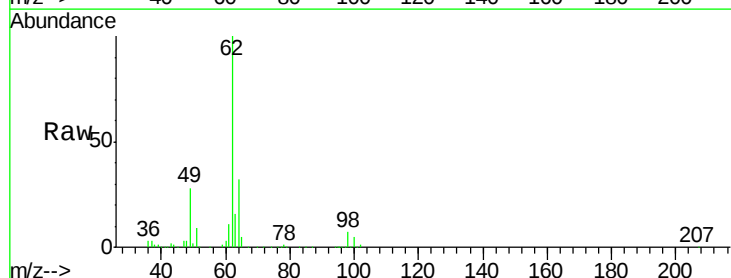
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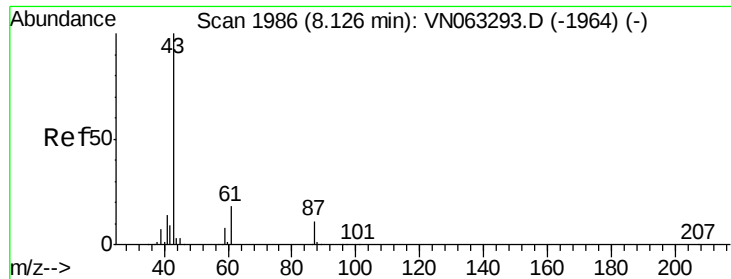
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#42
1,2-Dichloroethane
Concen: 48.738 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.4





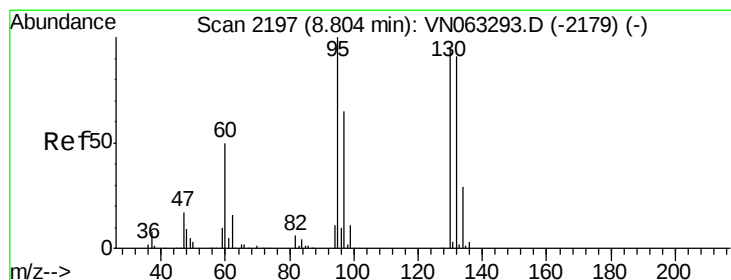
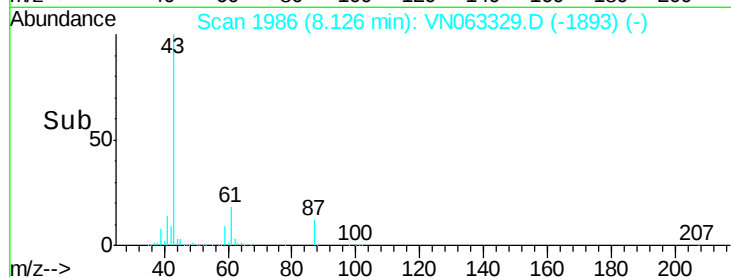
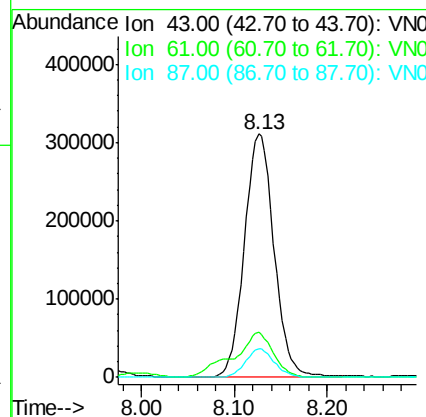
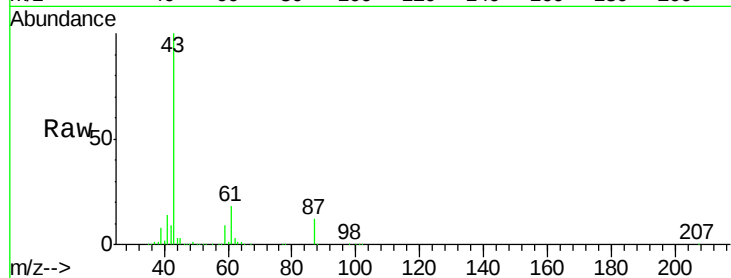
#43
Isopropyl Acetate
Concen: 49.151 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.1	15.1	22.7
87	11.5	9.2	13.8

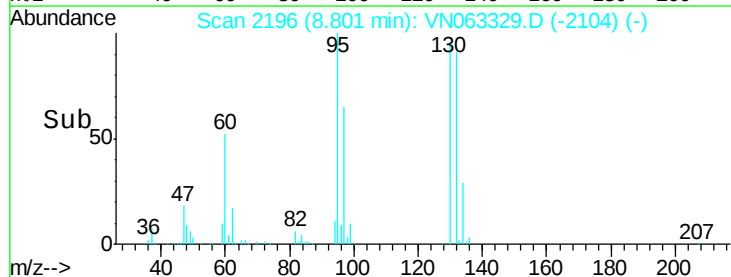
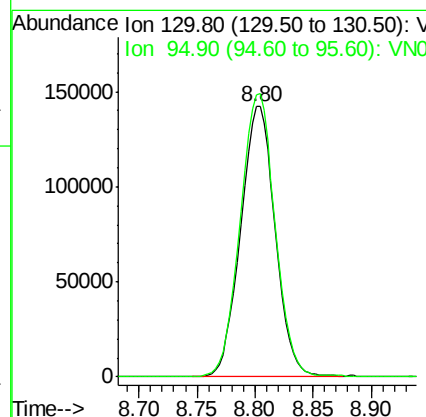
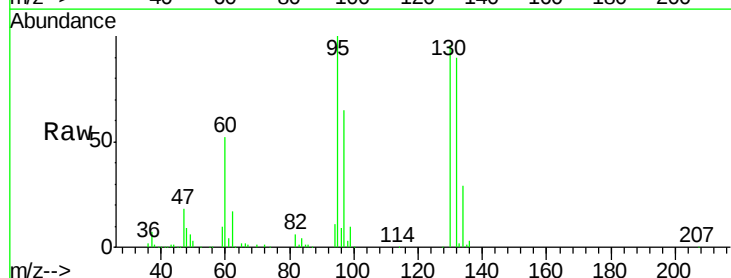
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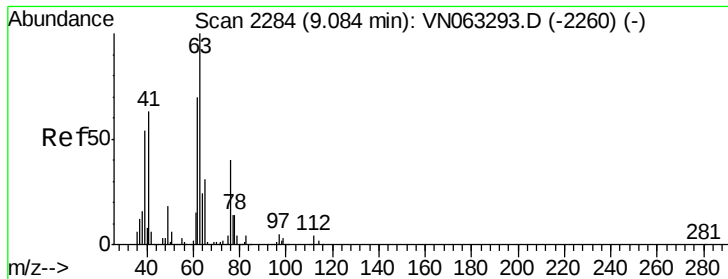
MMDadoda
9/14/2020 12:08:35 PM



#44
Trichloroethene
Concen: 46.950 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.3	0.0	210.8





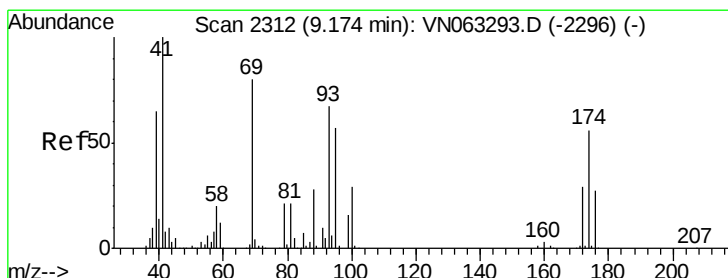
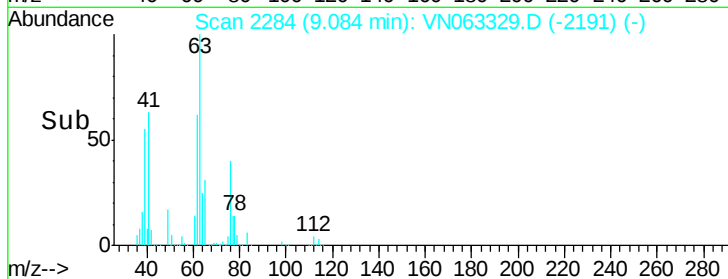
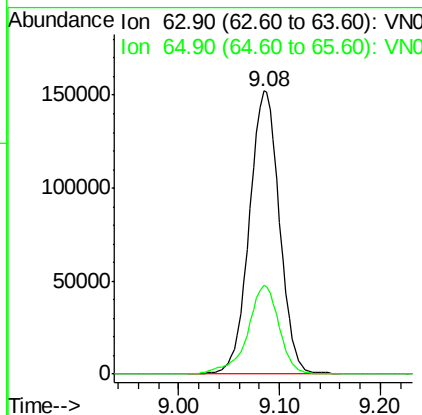
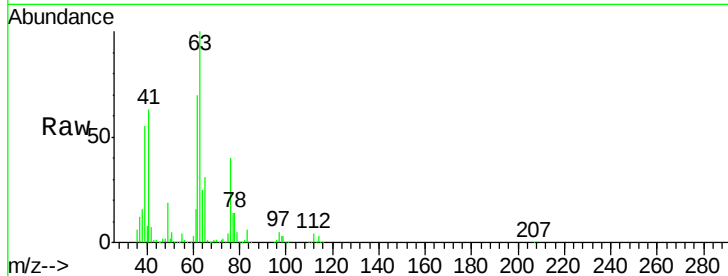
#45
 1,2-Dichloropropane
 Concen: 47.861 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063329.D
 Acq: 11 Sep 2020 21:06

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	24.6	36.8

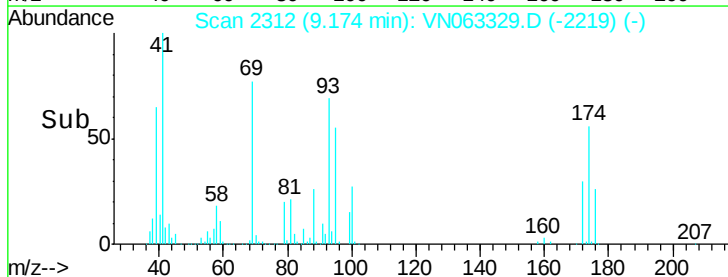
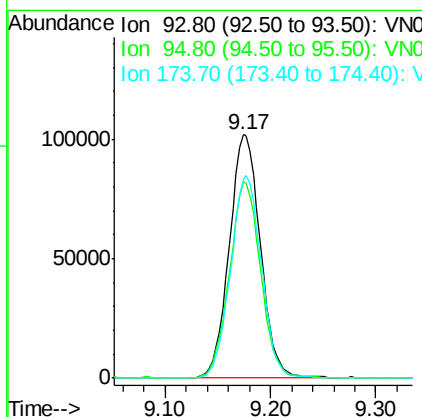
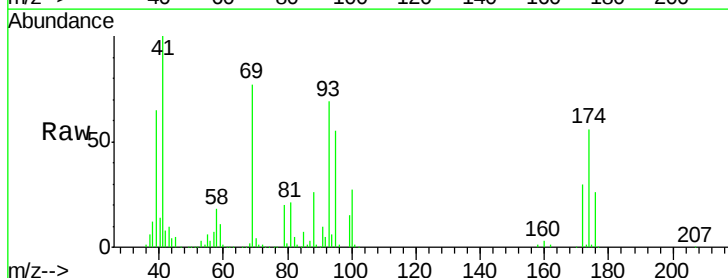
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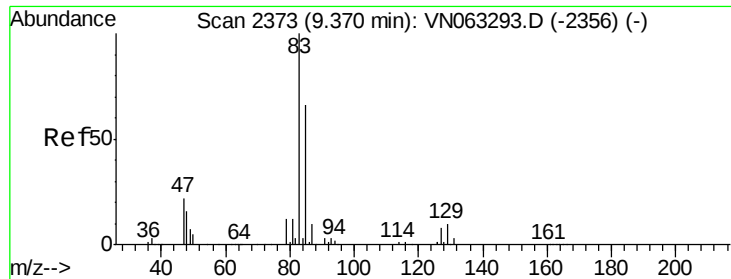
MMDadoda
 9/14/2020 12:08:35 PM



#46
 Dibromomethane
 Concen: 48.821 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063329.D
 Acq: 11 Sep 2020 21:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.1	67.9	101.9
174	82.5	66.9	100.3





#47

Bromodichloromethane

Concen: 48.004 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063329.D

Acq: 11 Sep 2020 21:06

Instrument :

MSVOA_N

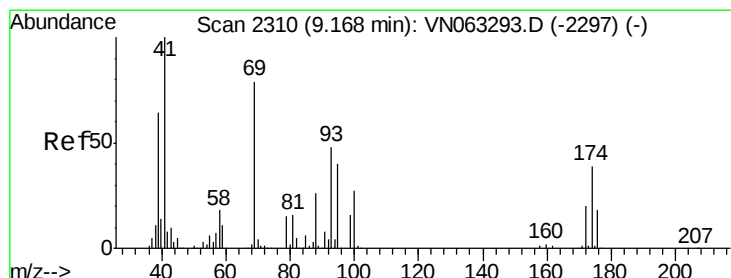
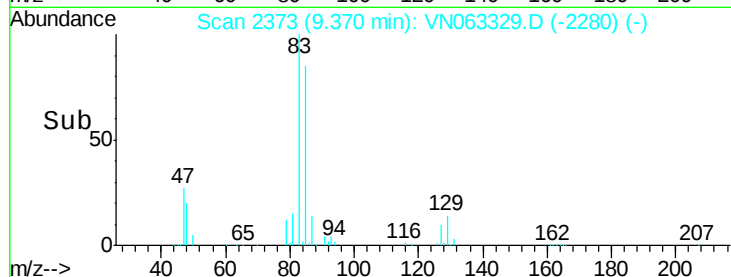
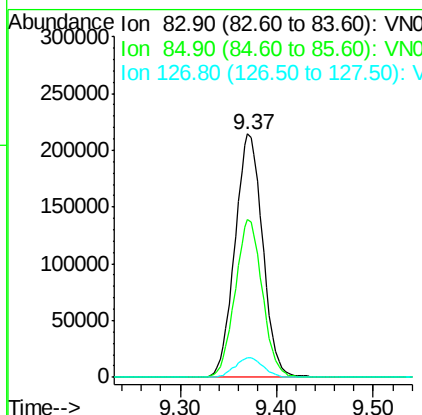
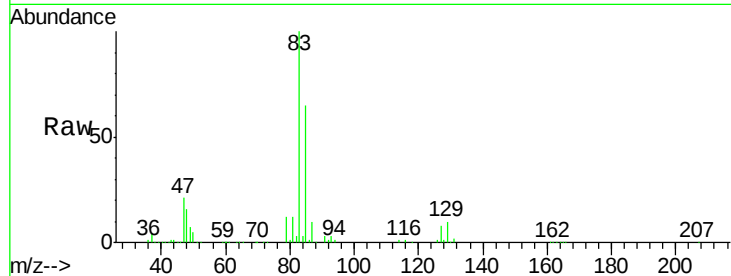
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	426025
Ion Ratio	Lower	Upper	
83	100		
85	65.0	52.5	78.7
127	7.9	6.6	10.0

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#48

Methyl methacrylate

Concen: 48.511 ug/l

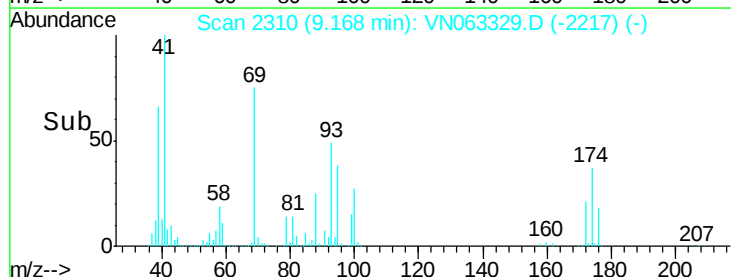
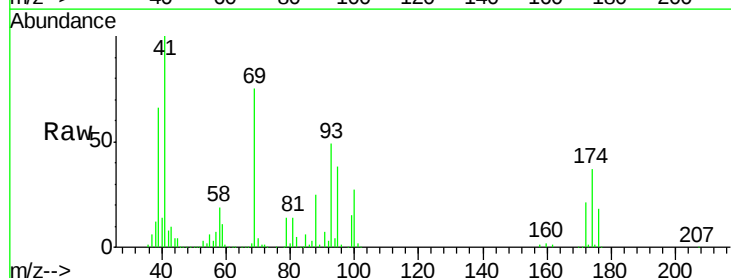
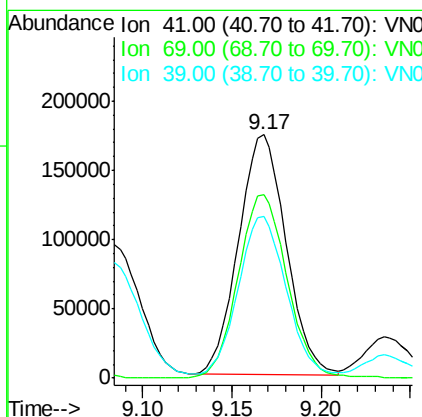
RT: 9.17 min Scan# 2310

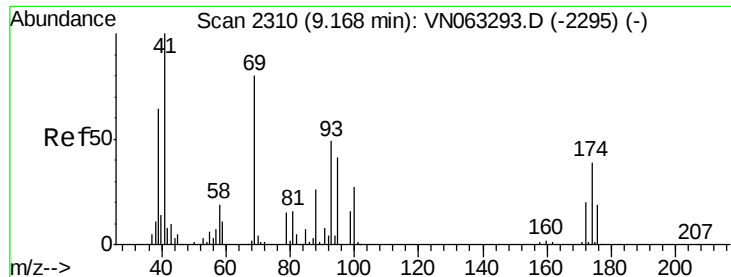
Delta R.T. 0.00 min

Lab File: VN063329.D

Acq: 11 Sep 2020 21:06

Tgt Ion:	41	Resp:	323272
Ion Ratio	Lower	Upper	
41	100		
69	78.9	63.6	95.4
39	68.7	53.2	79.8





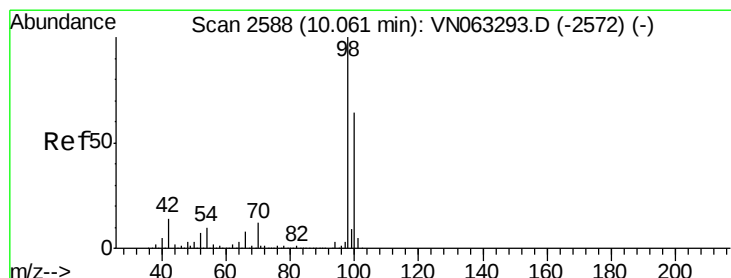
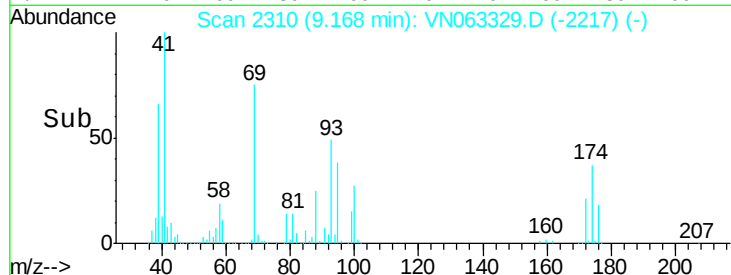
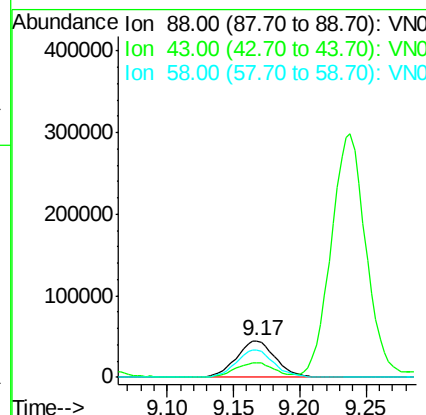
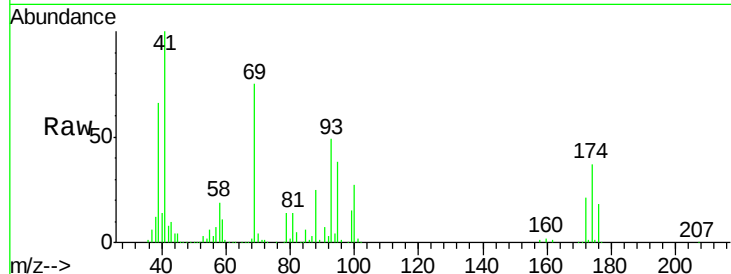
#49
1,4-Dioxane
Concen: 887.787 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.2	30.5	45.7
58	72.1	58.9	88.3

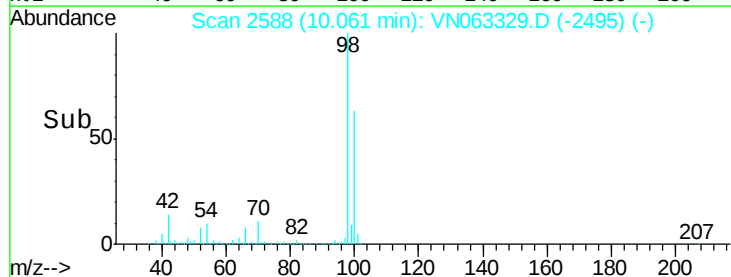
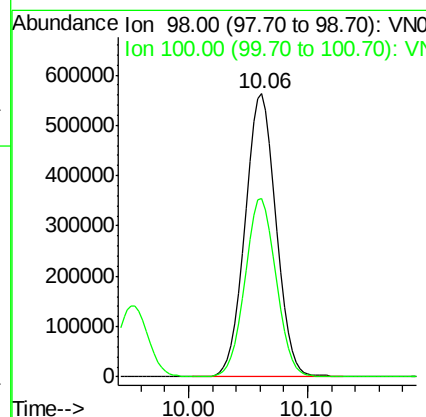
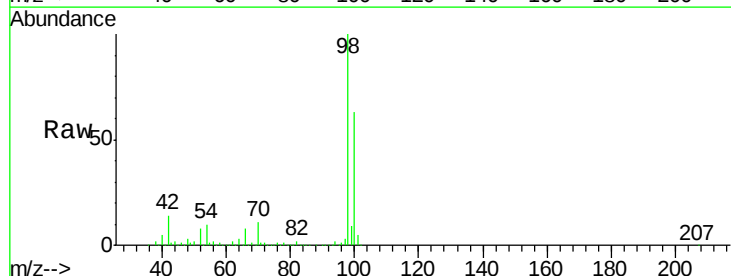
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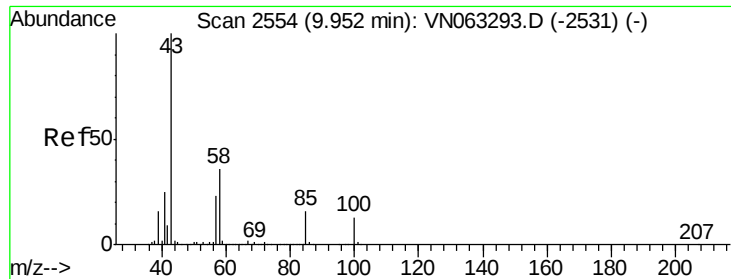
MMDadoda
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#50
Toluene-d8
Concen: 50.327 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. -0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 261.139 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063329.D

Acq: 11 Sep 2020 21:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2009900

Ion Ratio Lower Upper

43 100

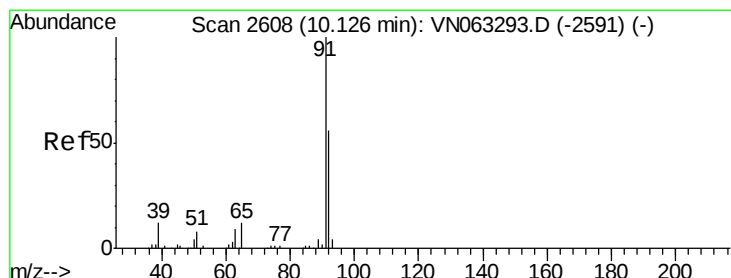
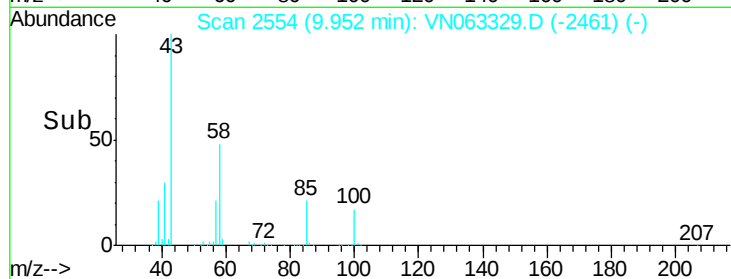
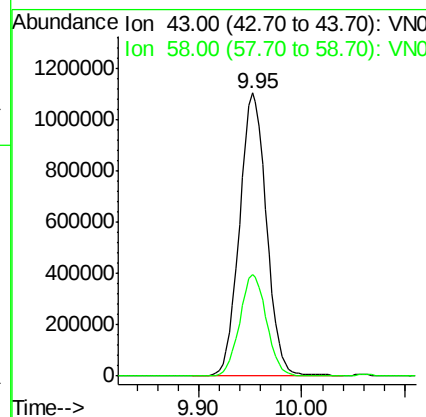
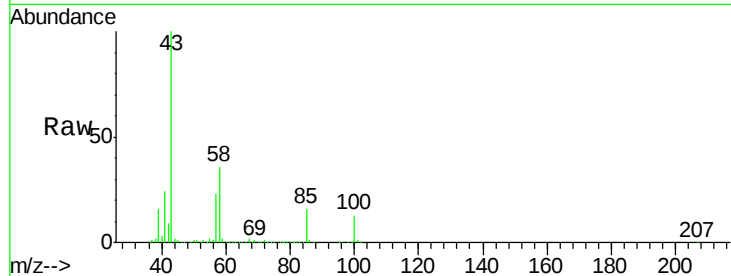
58 35.9 29.0 43.4

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#52

Toluene

Concen: 48.998 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063329.D

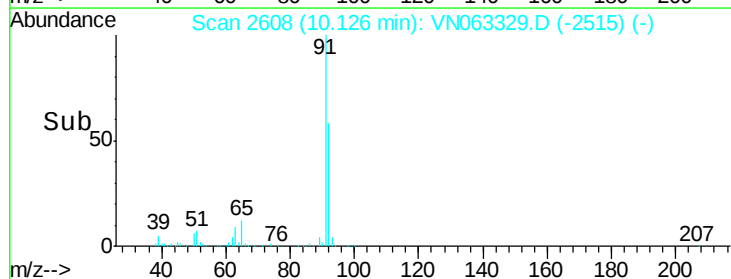
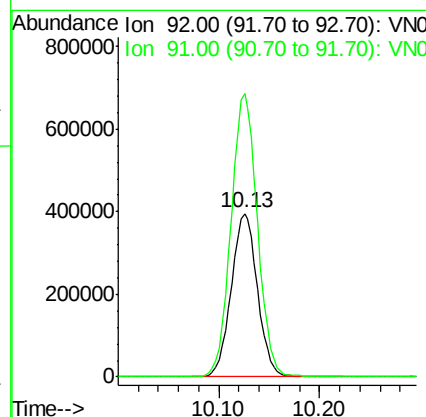
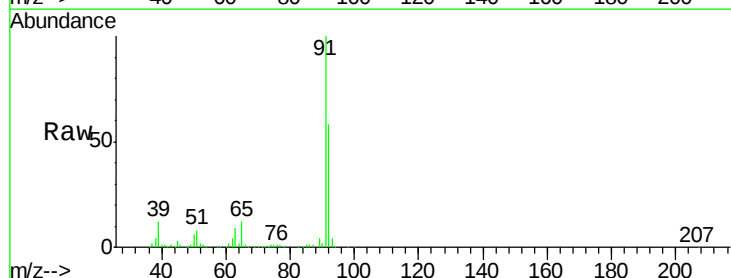
Acq: 11 Sep 2020 21:06

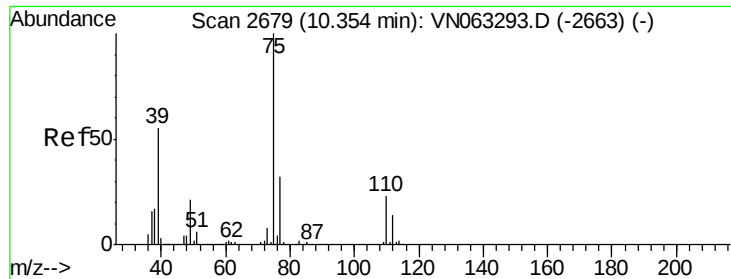
Tgt Ion: 92 Resp: 716249

Ion Ratio Lower Upper

92 100

91 174.3 141.2 211.8





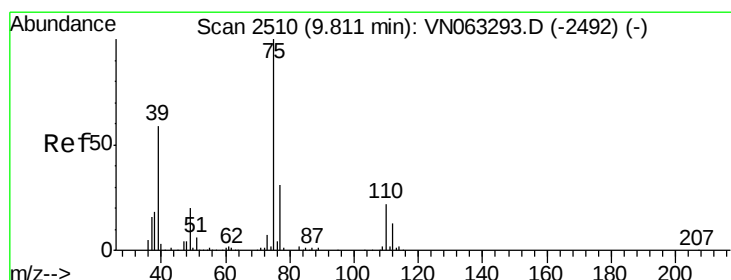
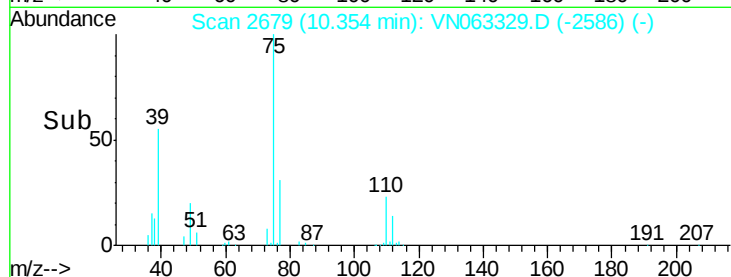
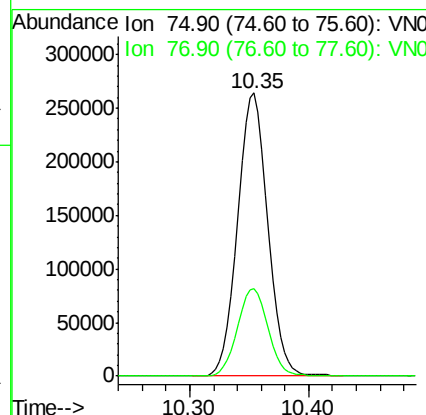
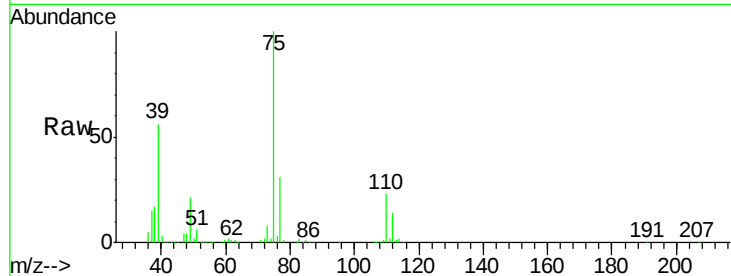
#53
t-1,3-Dichloropropene
Concen: 47.946 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.7	38.5

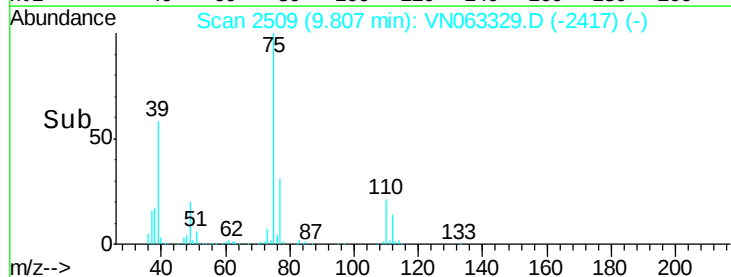
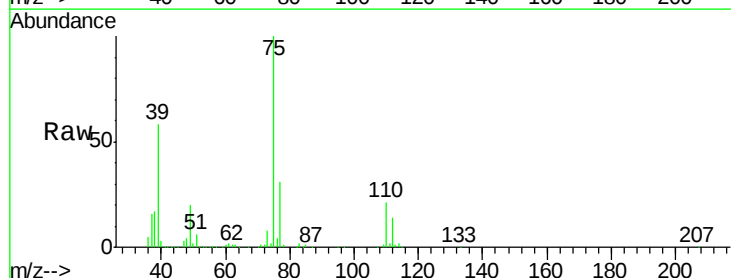
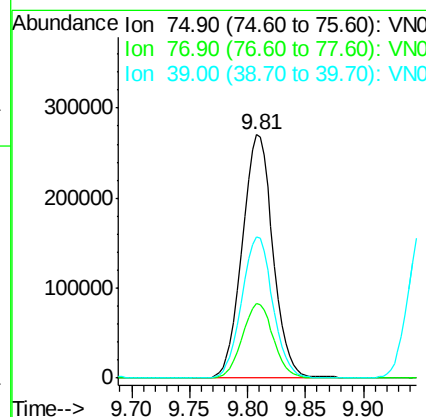
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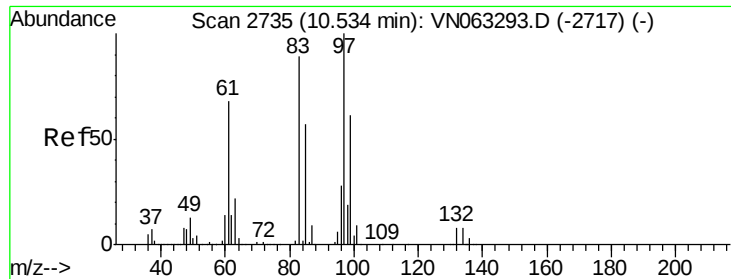
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#54
cis-1,3-Dichloropropene
Concen: 47.773 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.5	24.7	37.1
39	57.7	47.2	70.8





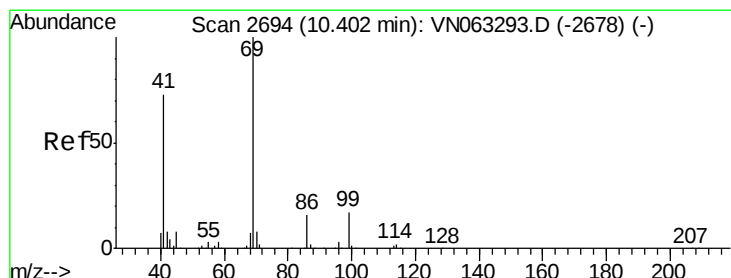
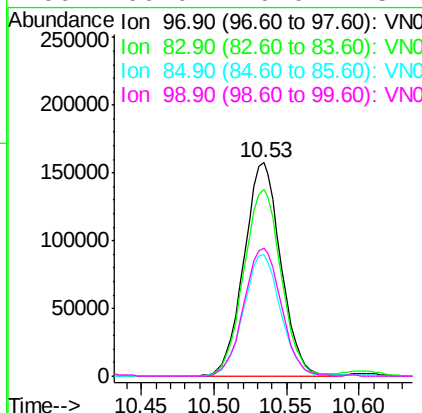
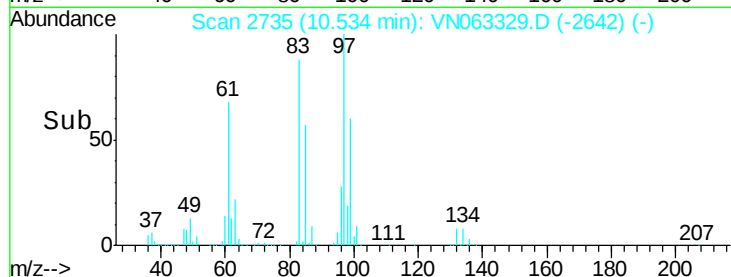
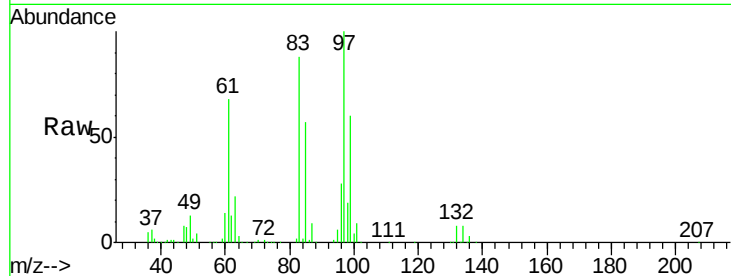
#55
 1,1,2-Trichloroethane
 Concen: 48.794 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063329.D
 Acq: 11 Sep 2020 21:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	279495
Ion	Ratio	Lower	Upper
97	100		
83	87.5	70.8	106.2
85	57.0	45.6	68.4
99	60.0	49.0	73.4

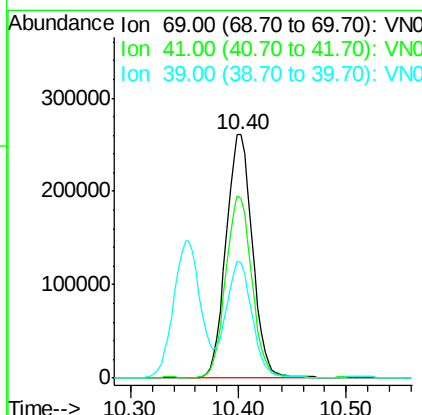
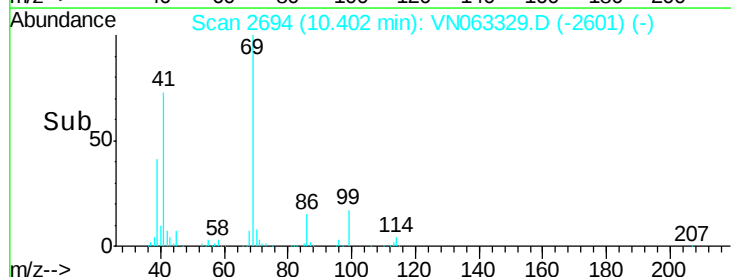
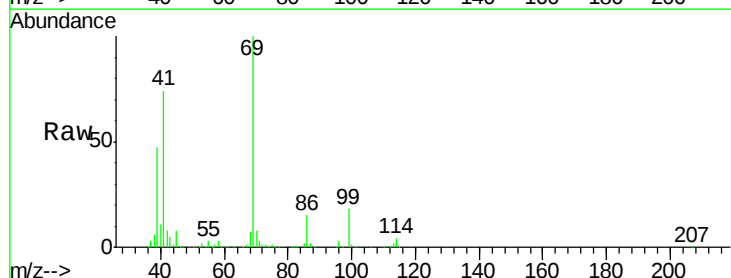
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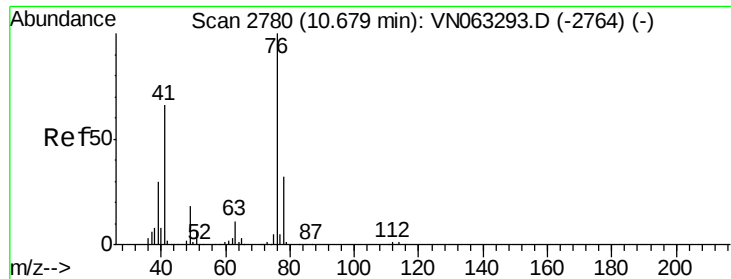
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#56
 Ethyl methacrylate
 Concen: 51.394 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063329.D
 Acq: 11 Sep 2020 21:06

Tgt Ion:	69	Resp:	447672
Ion	Ratio	Lower	Upper
69	100		
41	72.9	58.4	87.6
39	47.2	38.6	58.0





#57

1,3-Dichloropropane

Concen: 48.986 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063329.D

Acq: 11 Sep 2020 21:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 490316

Ion Ratio Lower Upper

76 100

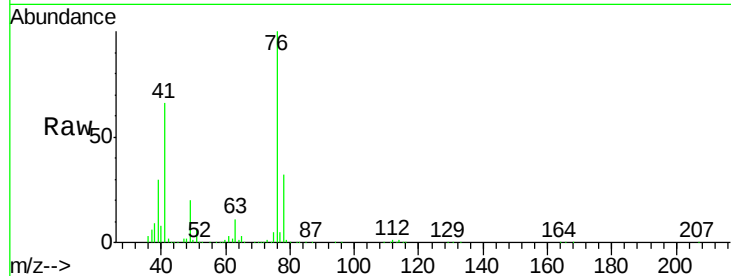
78 32.4 25.7 38.5

Manual Integrations

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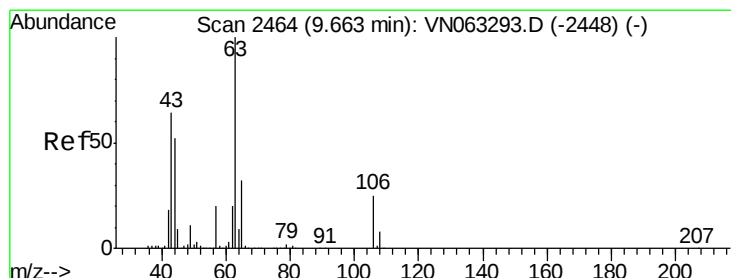
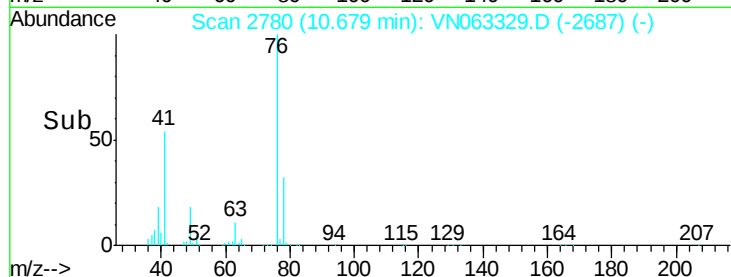
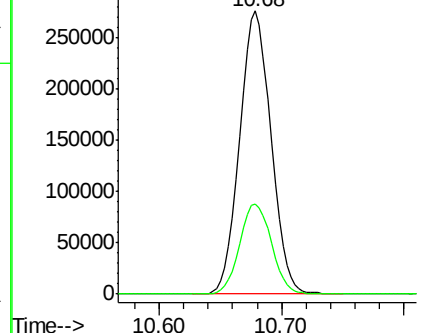
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 231.860 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063329.D

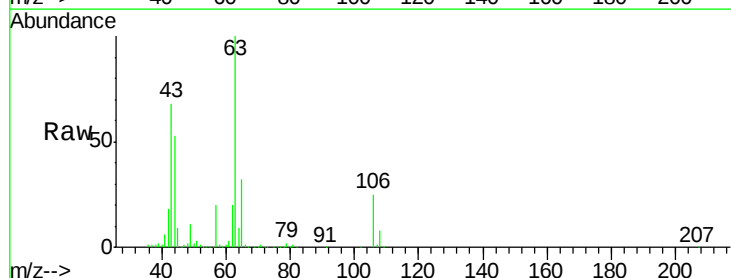
Acq: 11 Sep 2020 21:06

Tgt Ion: 63 Resp: 1083325

Ion Ratio Lower Upper

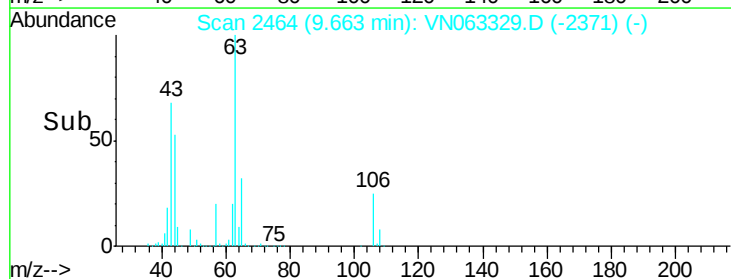
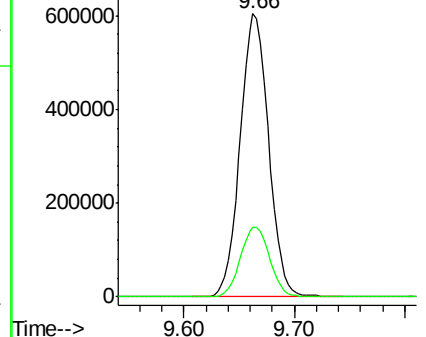
63 100

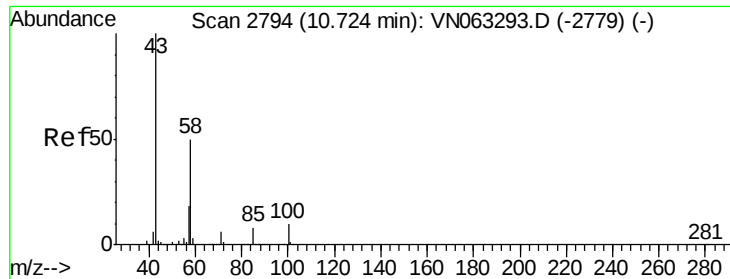
106 25.1 20.2 30.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





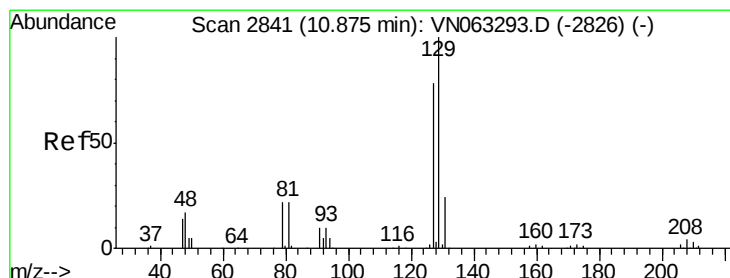
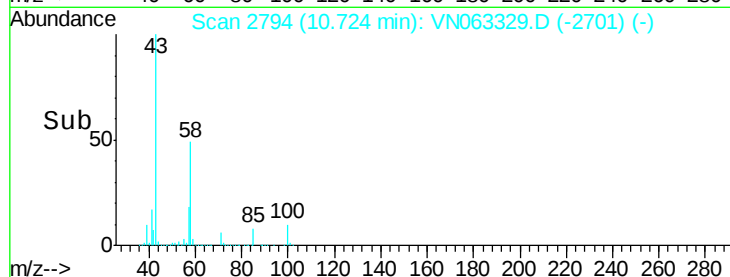
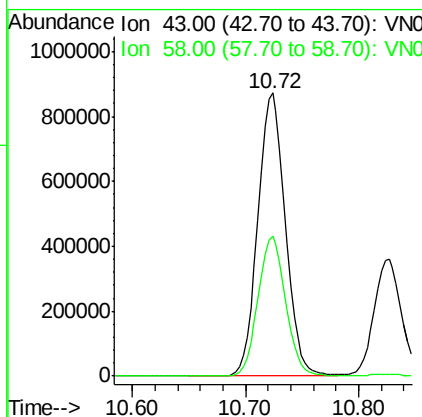
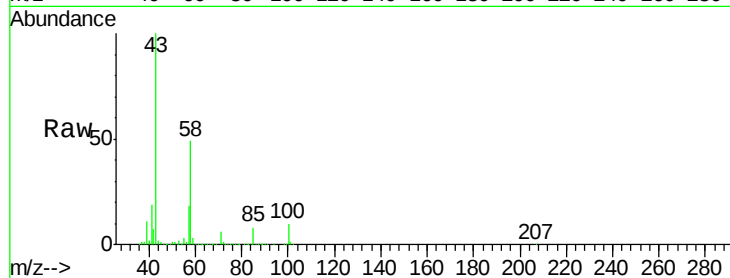
#59
2-Hexanone
Concen: 259.308 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1471925
Ion Ratio Lower Upper
43 100
58 49.6 25.1 75.3

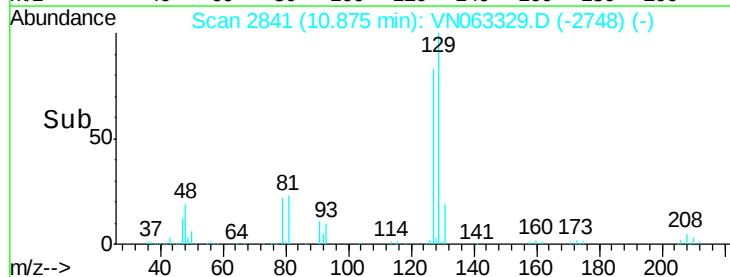
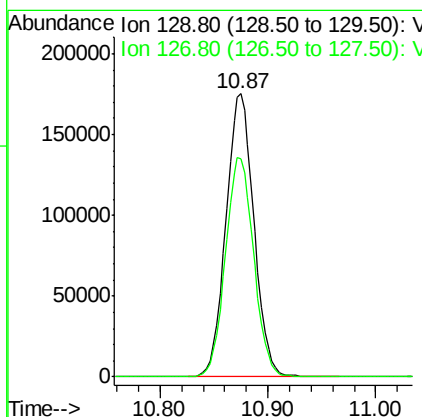
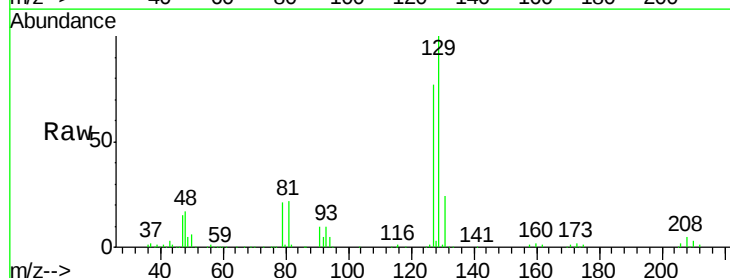
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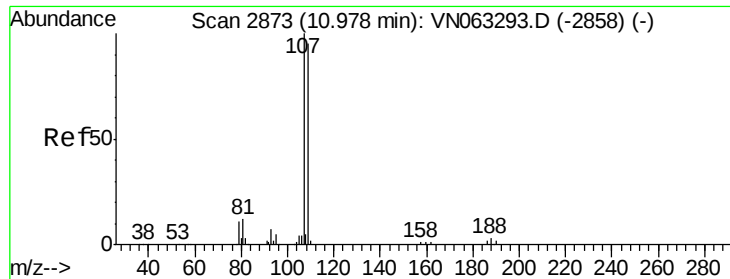
MMDadoda
9/14/2020 12:08:35 PM



#60
Dibromochloromethane
Concen: 50.254 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Tgt Ion: 129 Resp: 316103
Ion Ratio Lower Upper
129 100
127 78.3 39.0 117.0





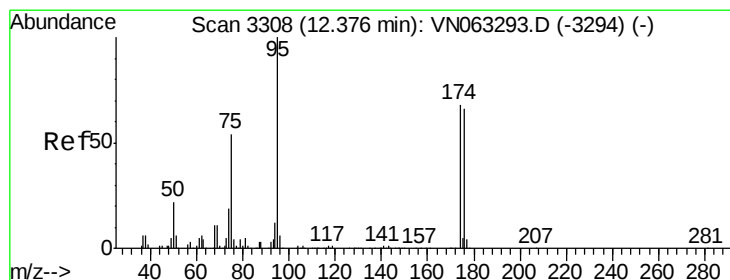
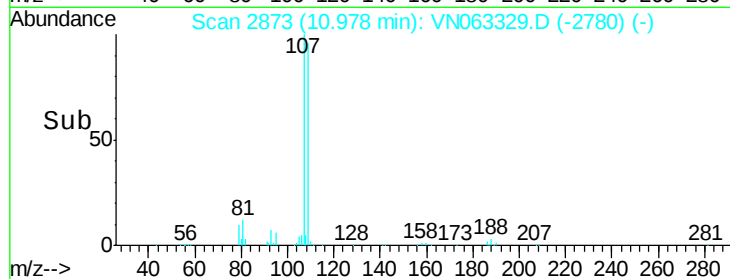
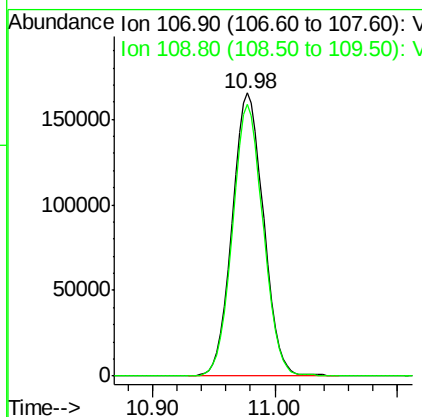
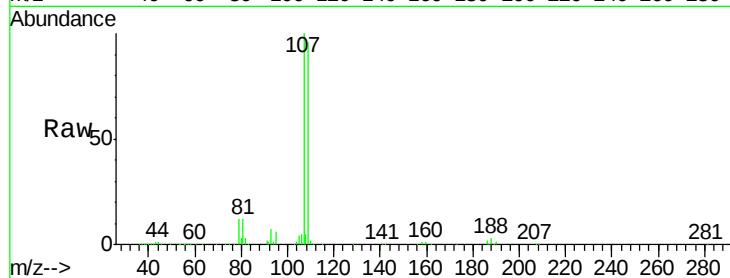
#61
 1,2-Dibromoethane
 Concen: 49.290 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063329.D
 Acq: 11 Sep 2020 21:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.5	113.3

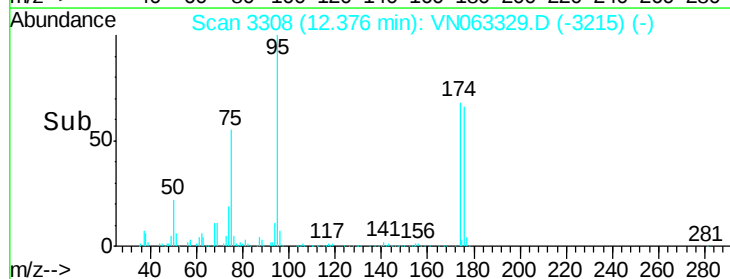
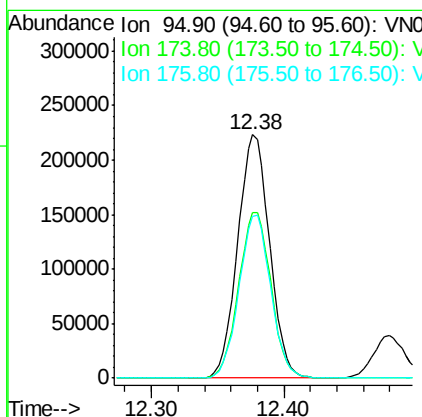
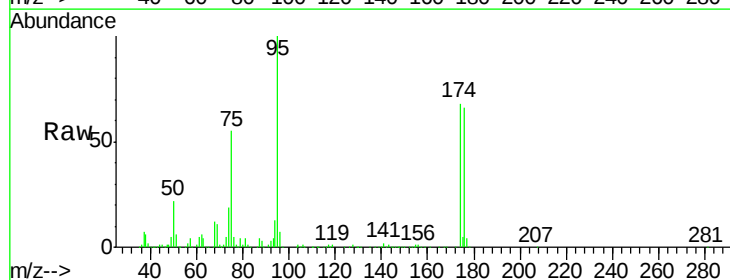
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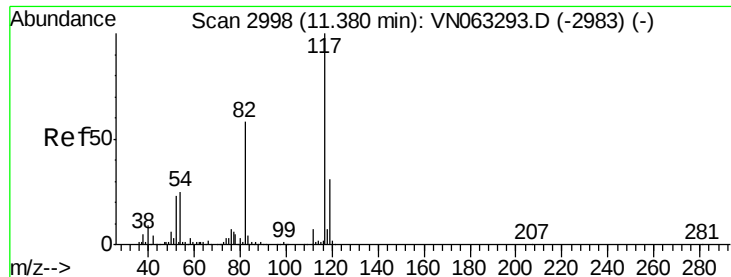
MMDadoda
 9/14/2020 12:08:35 PM



#62
 4-Bromofluorobenzene
 Concen: 50.110 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063329.D
 Acq: 11 Sep 2020 21:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	68.9	0.0	136.6
176	66.6	0.0	132.8





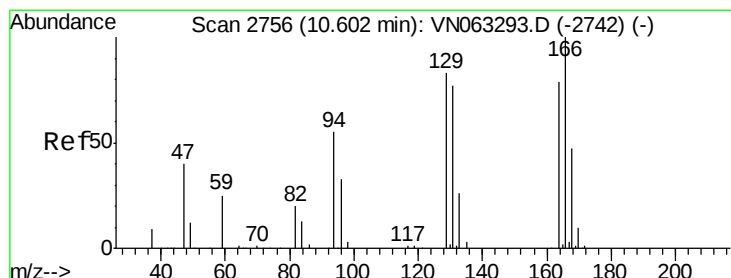
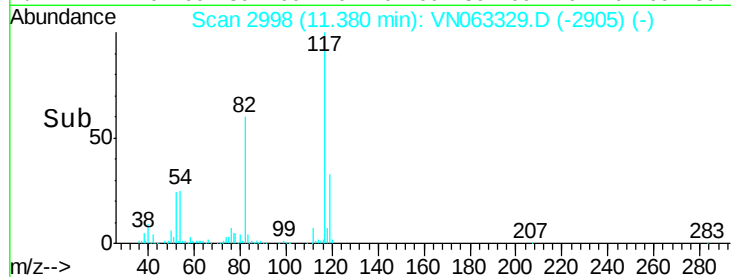
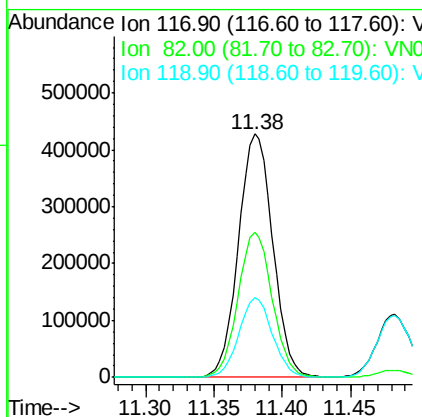
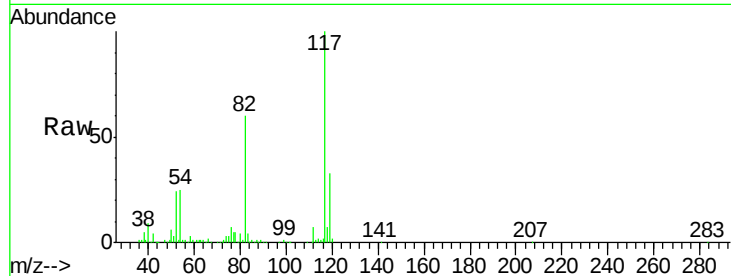
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	749230		
82	59.5	46.4	69.6	
119	32.5	24.8	37.2	

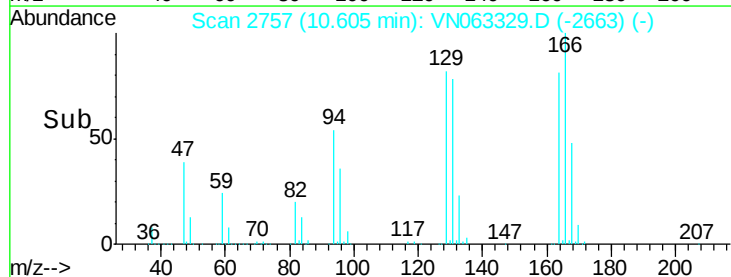
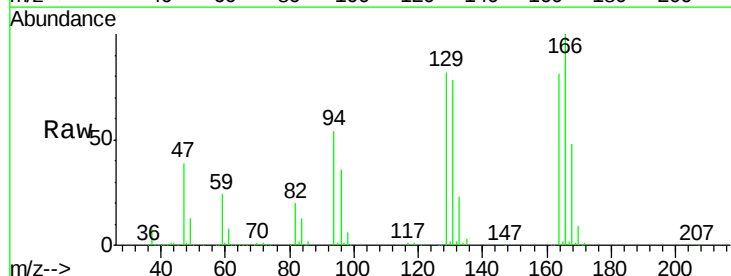
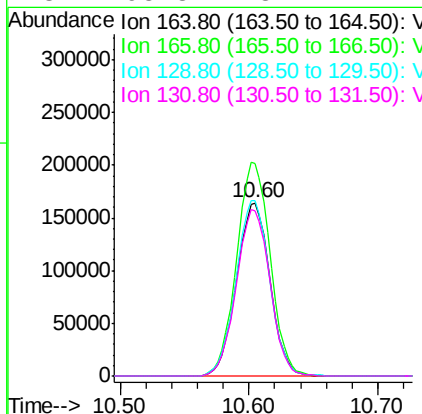
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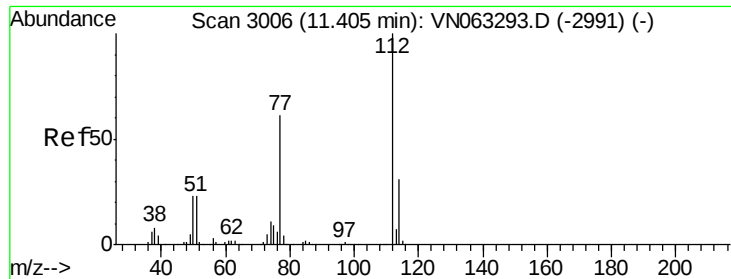
MMDadoda
9/14/2020 12:08:35 PM



#64
Tetrachloroethene
Concen: 48.220 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	295956		
166	123.1	101.3	151.9	
129	101.3	83.7	125.5	
131	95.8	78.2	117.4	





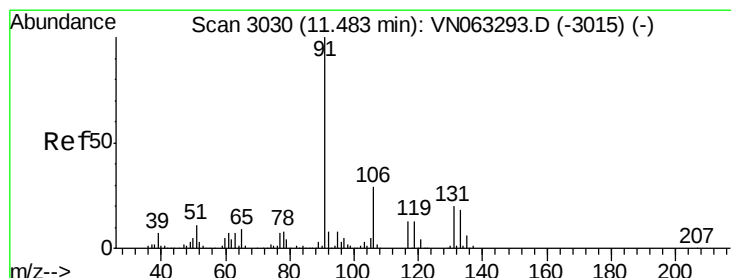
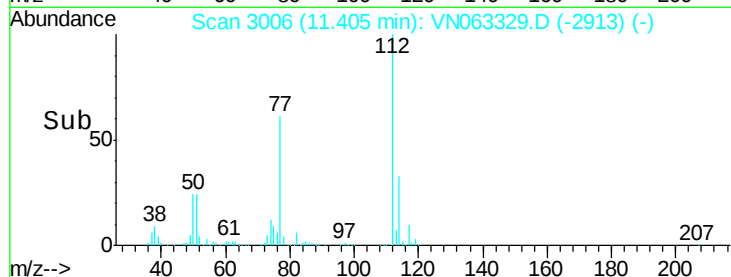
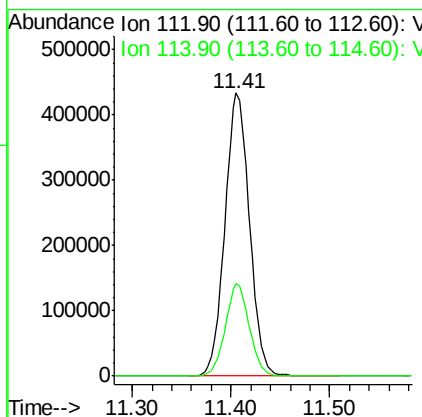
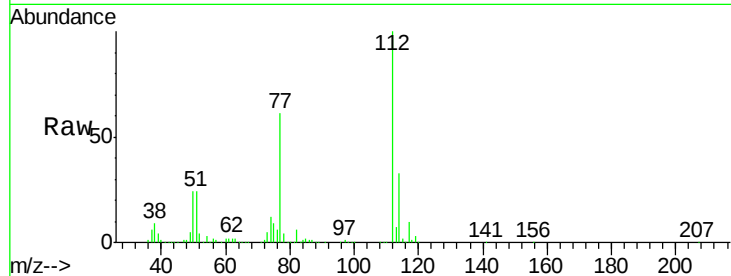
#65
Chlorobenzene
Concen: 46.934 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 757034
Ion Ratio Lower Upper
112 100
114 32.7 24.6 36.8

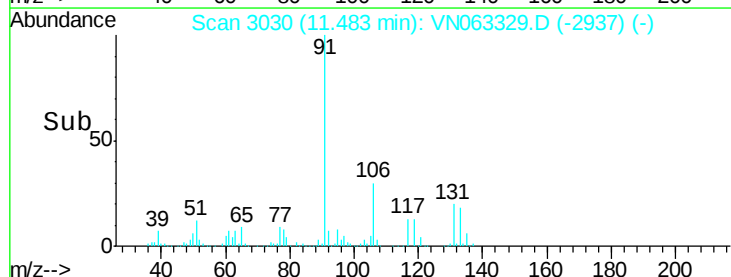
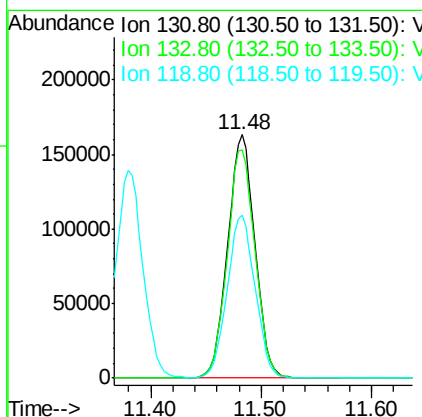
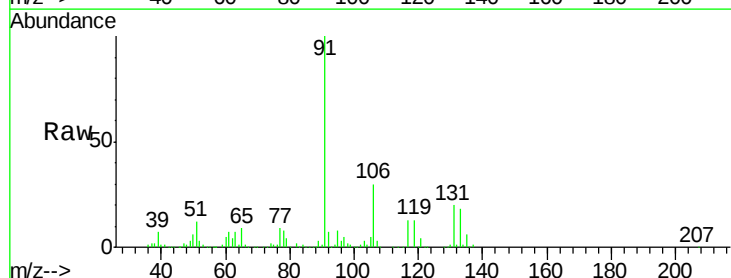
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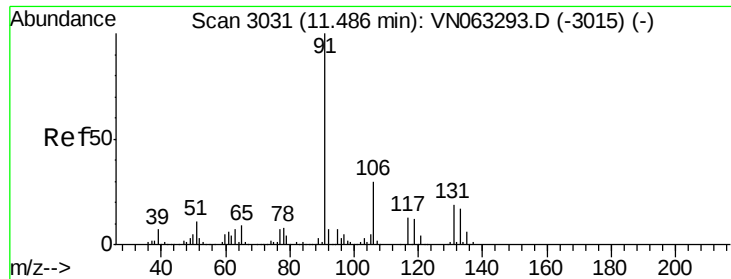
MMDadoda
9/14/2020 12:08:35 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 47.611 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Tgt Ion:131 Resp: 279794
Ion Ratio Lower Upper
131 100
133 95.6 47.4 142.2
119 68.7 33.8 101.3





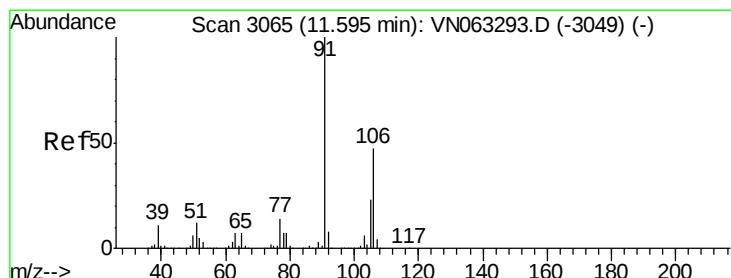
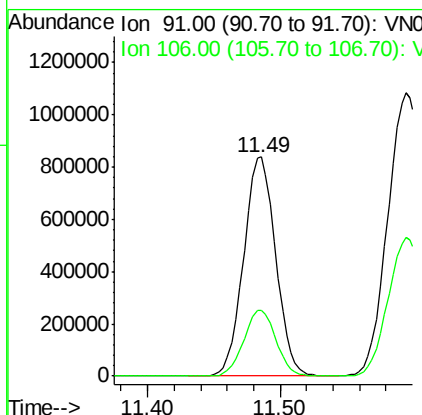
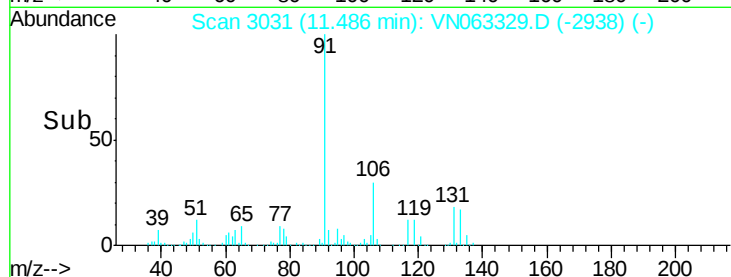
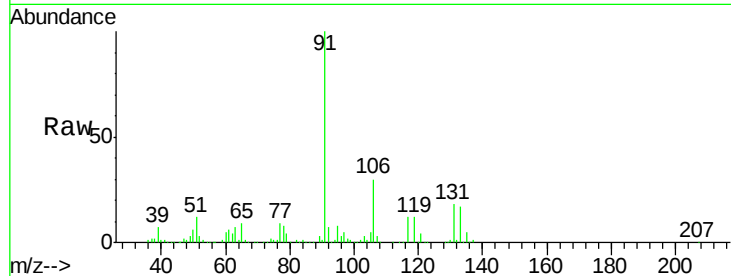
#67
Ethyl Benzene
Concen: 48.566 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. -0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1406314
Ion Ratio Lower Upper
91 100
106 30.3 23.8 35.6

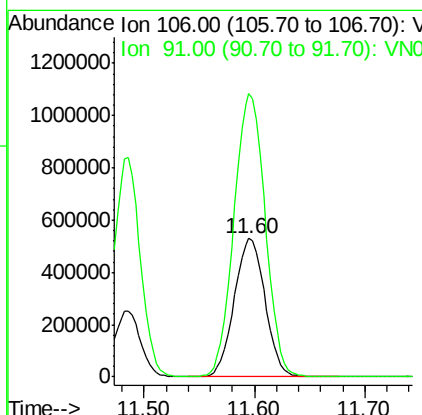
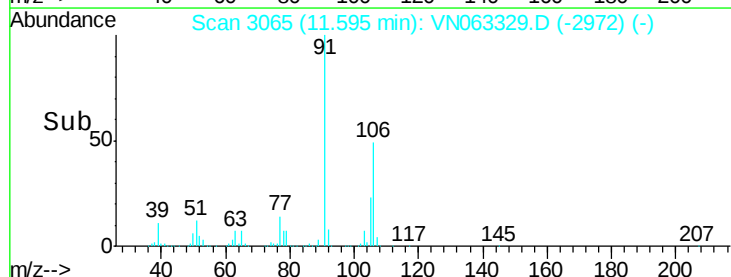
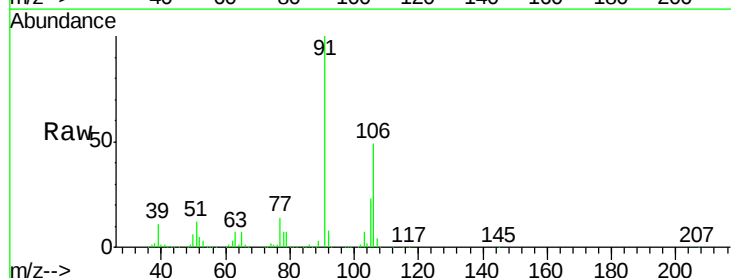
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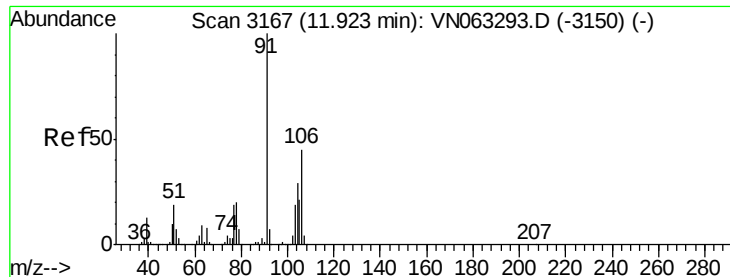
MMDadoda
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#68
m/p-Xylenes
Concen: 95.405 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Tgt Ion: 106 Resp: 1021894
Ion Ratio Lower Upper
106 100
91 208.3 169.8 254.8





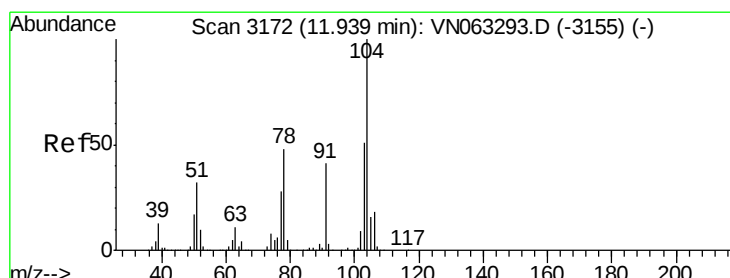
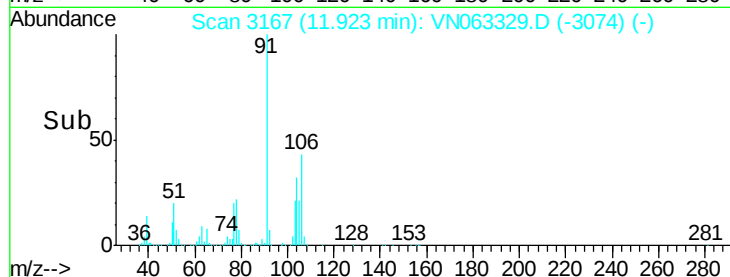
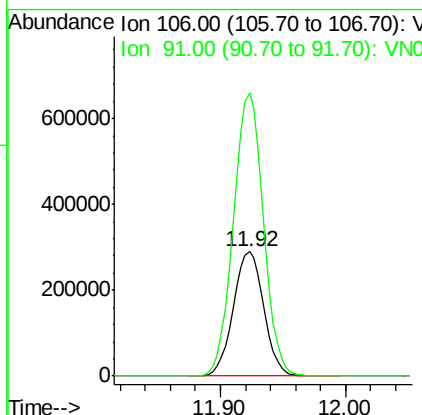
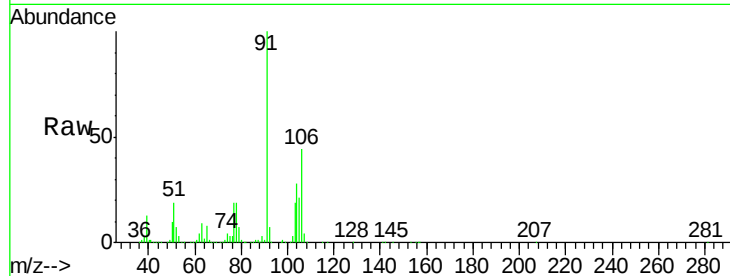
#69
o-Xylene
Concen: 47.618 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 489479
Ion Ratio Lower Upper
106 100
91 224.0 111.5 334.4

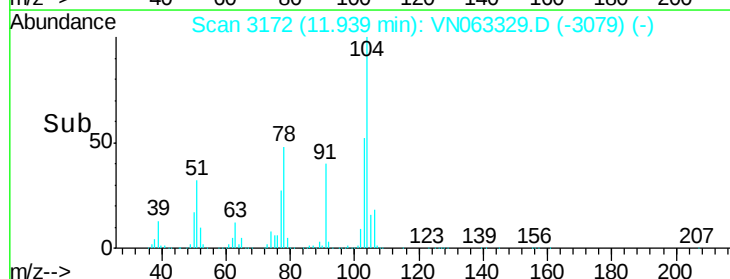
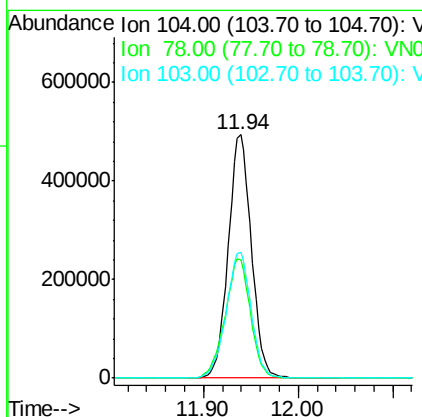
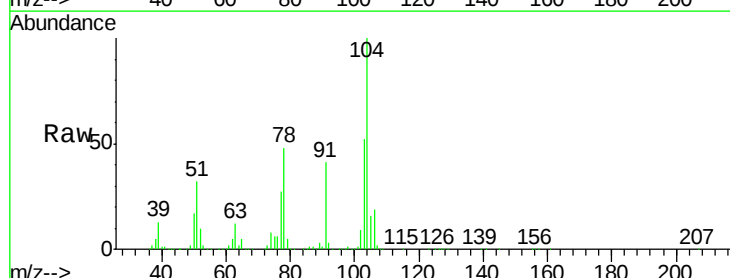
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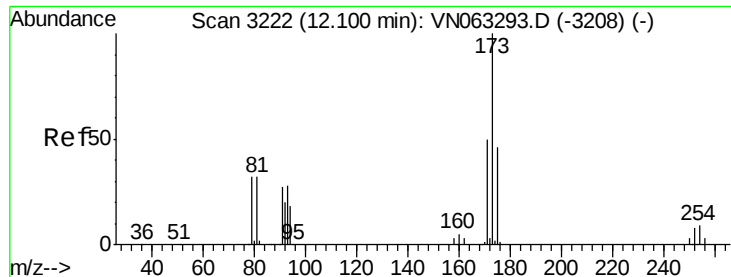
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#70
Styrene
Concen: 49.104 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Tgt Ion:104 Resp: 838918
Ion Ratio Lower Upper
104 100
78 53.7 42.9 64.3
103 55.9 44.2 66.2





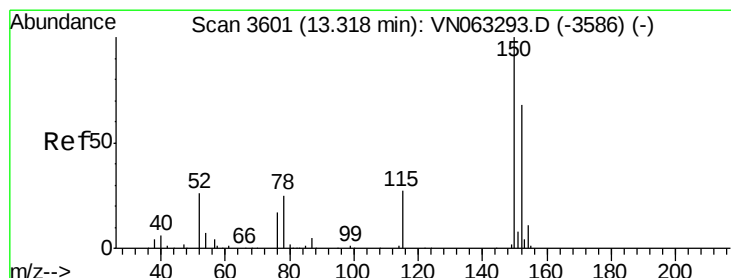
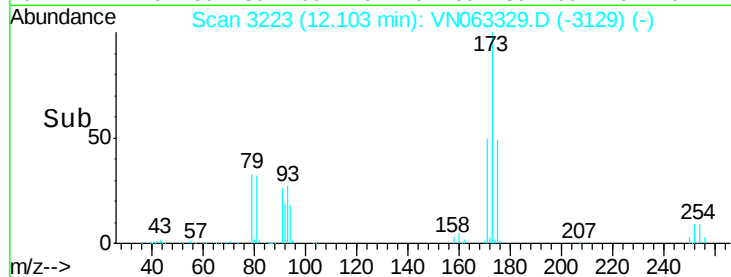
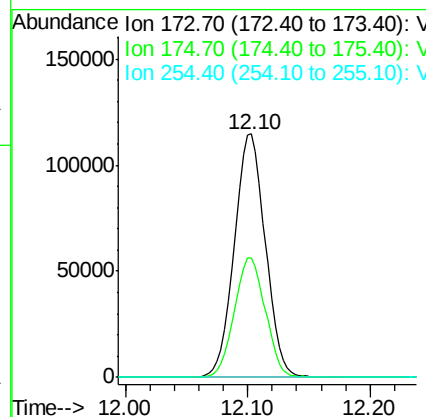
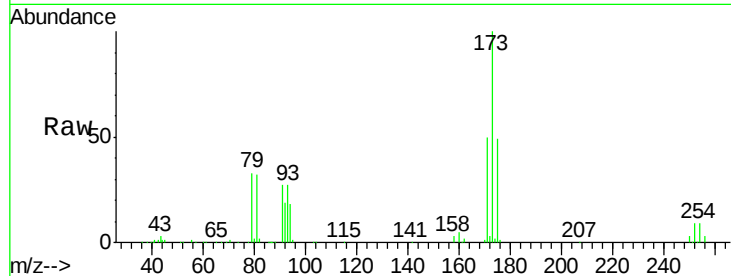
#71
Bromoform
Concen: 49.845 ug/l
RT: 12.10 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	23.8	71.5
254	0.1	0.0	0.0

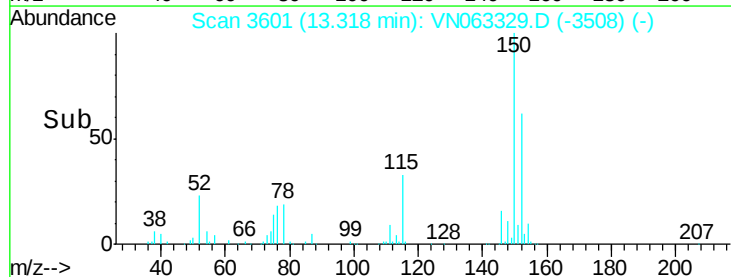
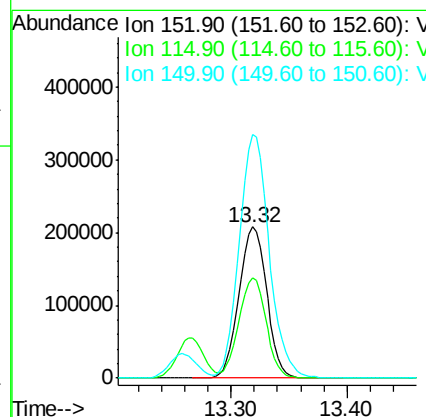
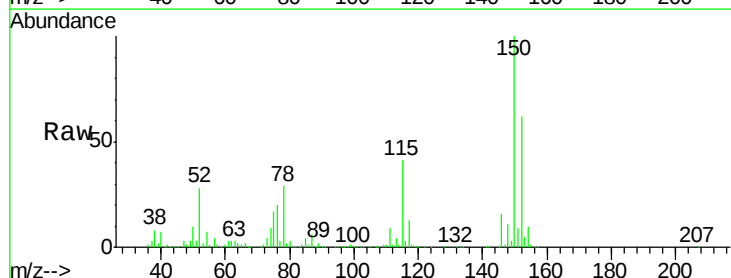
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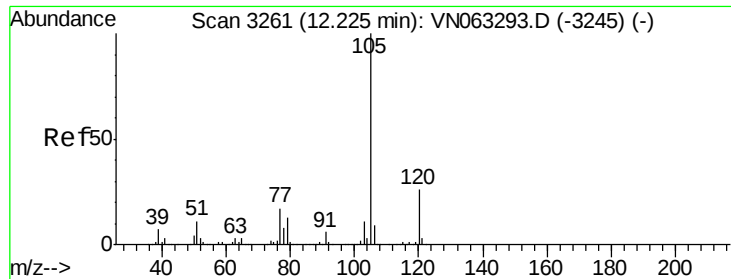
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.2	31.5	94.5
150	174.2	0.0	344.0





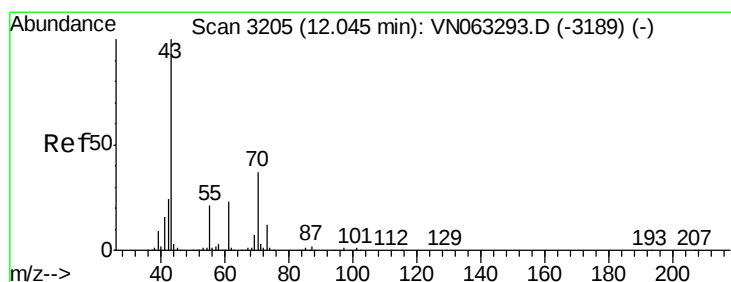
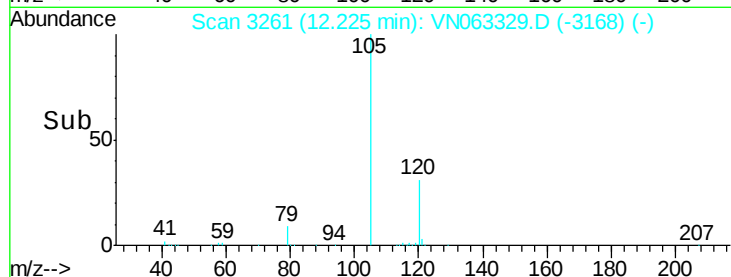
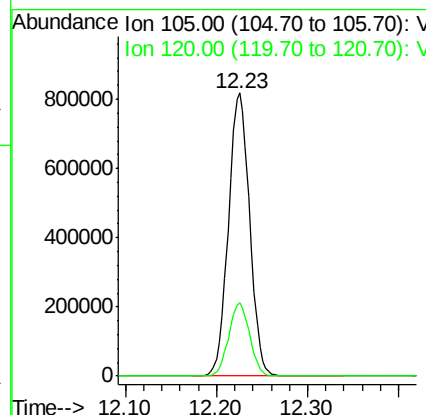
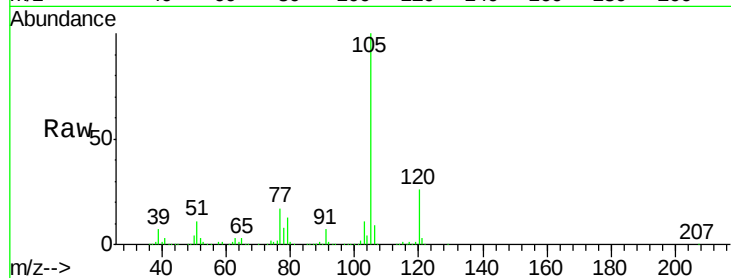
#73
Isopropylbenzene
Concen: 47.847 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. -0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:105 Resp: 1321897
Ion Ratio Lower Upper
105 100
120 25.6 13.0 38.9

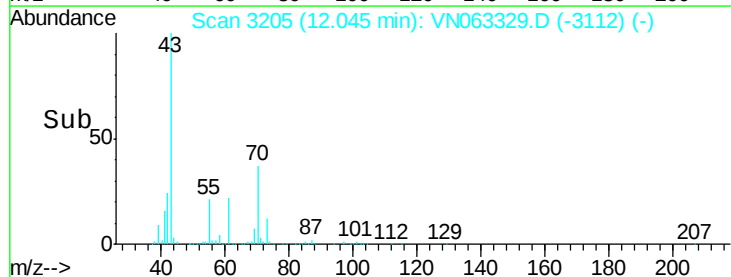
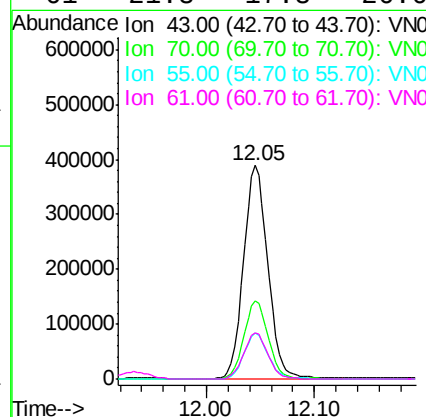
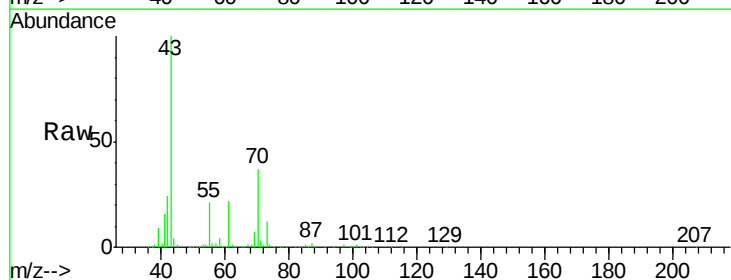
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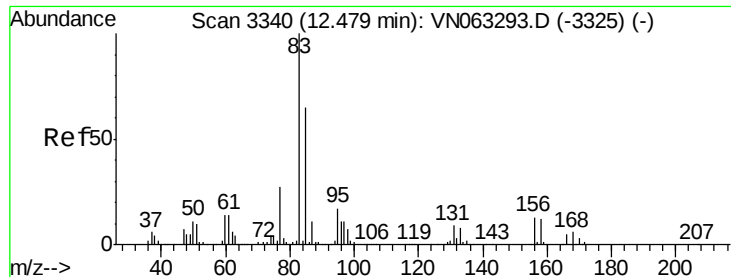
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#74
N-ethyl acetate
Concen: 53.846 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Tgt Ion: 43 Resp: 610758
Ion Ratio Lower Upper
43 100
70 36.5 29.3 43.9
55 21.8 17.0 25.6
61 21.8 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.035 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063329.D

Acq: 11 Sep 2020 21:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 387987
Ion Ratio Lower Upper

83 100

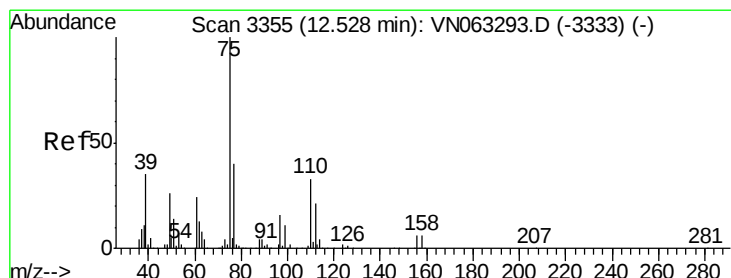
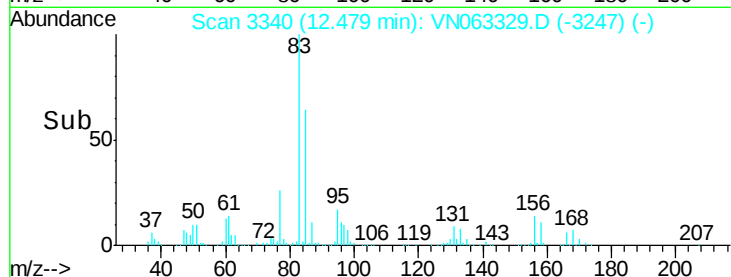
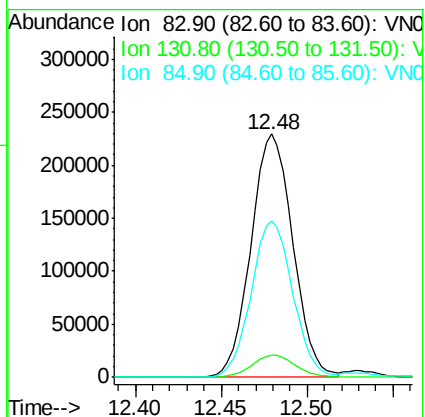
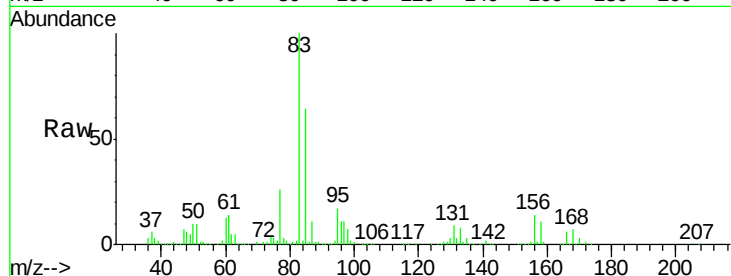
131 9.7 4.7 14.1

85 63.6 32.0 96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.499 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

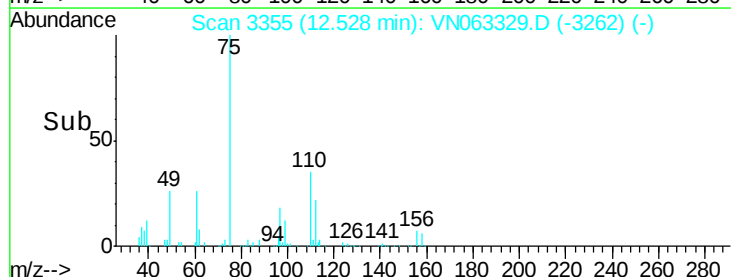
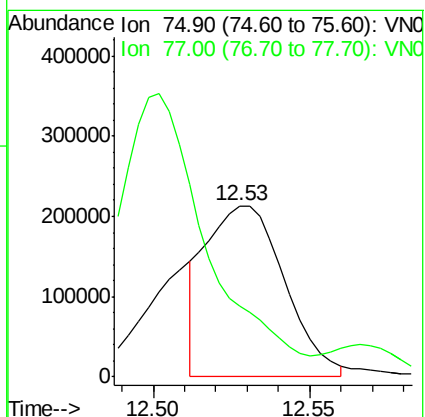
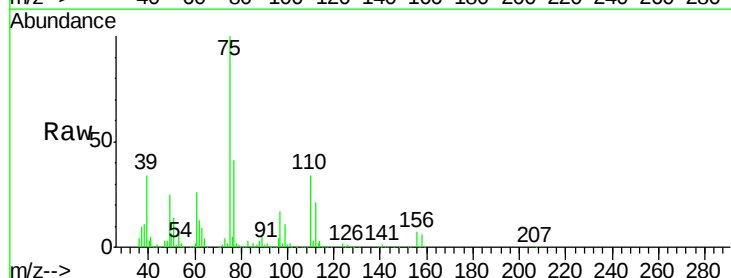
Lab File: VN063329.D

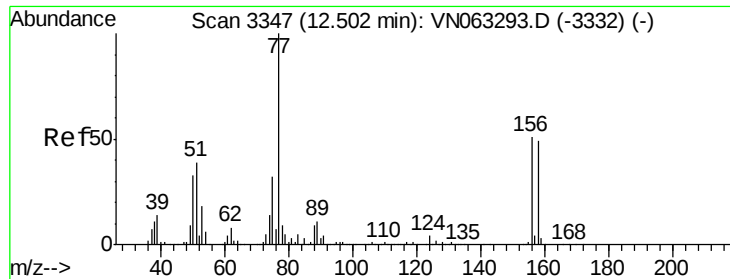
Acq: 11 Sep 2020 21:06

Tgt Ion: 75 Resp: 374043
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.148 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. -0.00 min

Lab File: VN063329.D

Acq: 11 Sep 2020 21:06

Instrument :

MSVOA_N

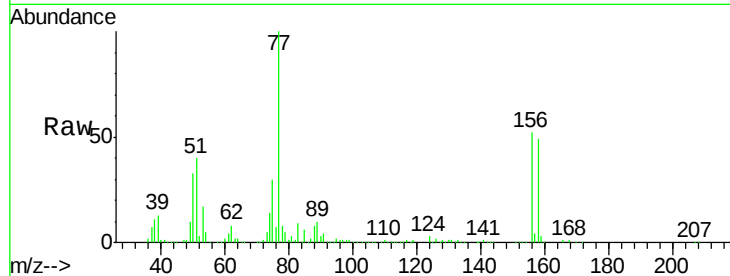
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	226.8	117.4	352.2	
158	94.9	48.8	146.4	

Manual Integrations
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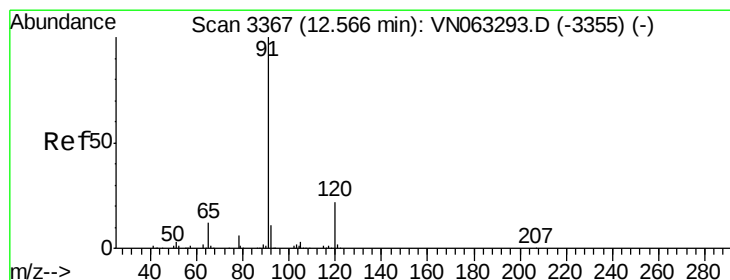
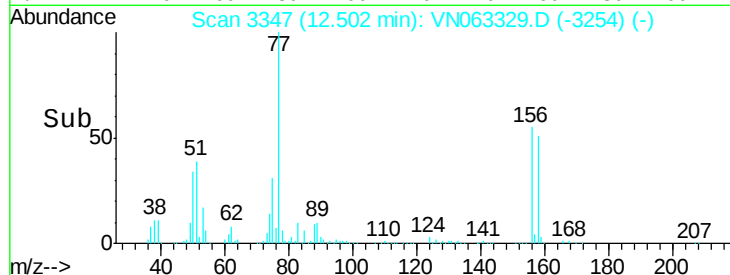
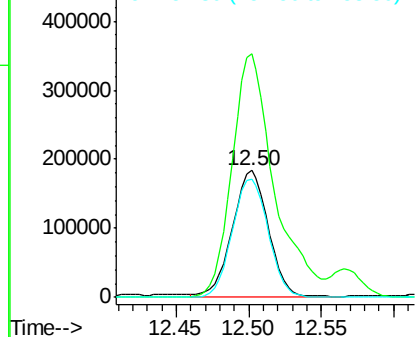
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.006 ug/l

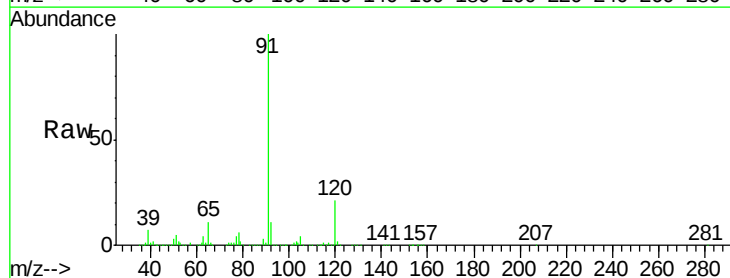
RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063329.D

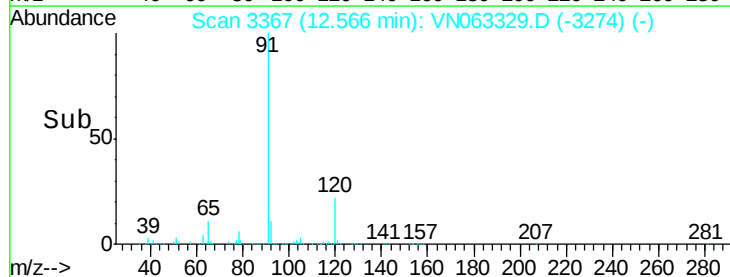
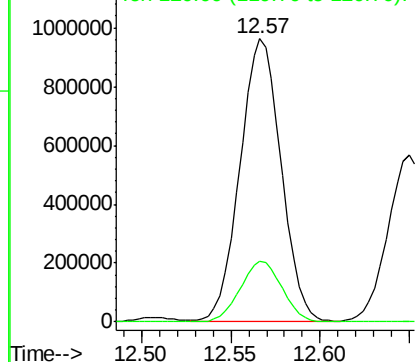
Acq: 11 Sep 2020 21:06

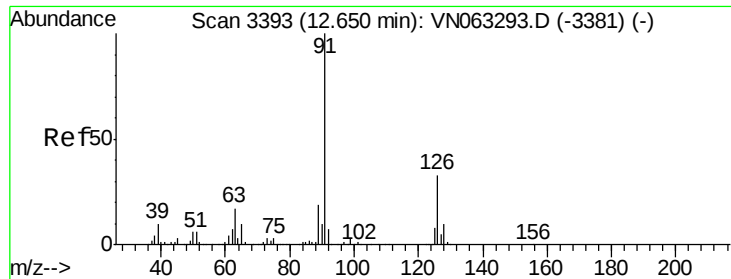
Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.0	11.1	33.3	



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





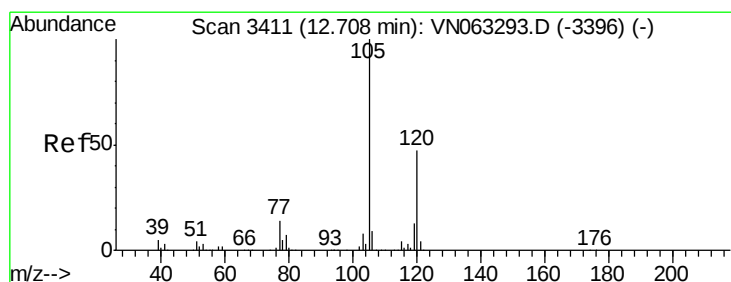
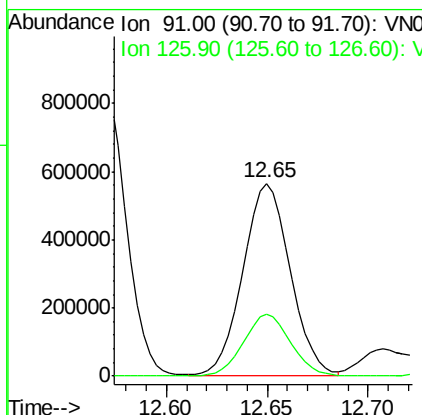
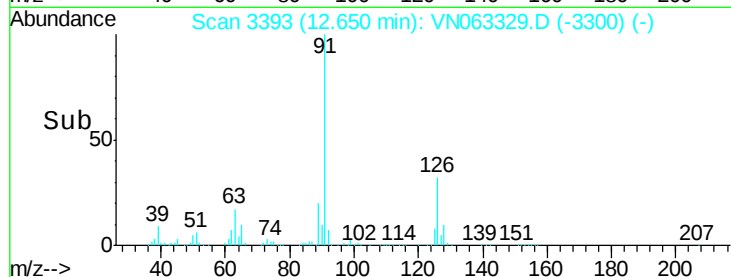
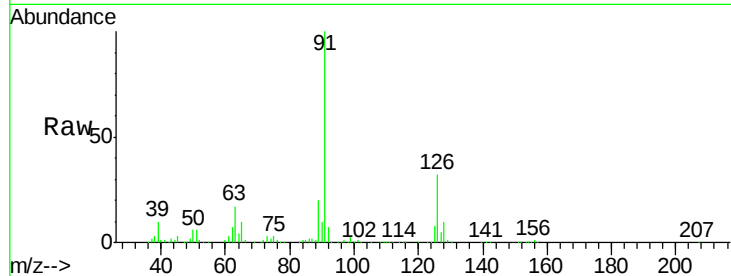
#79
 2-Chlorotoluene
 Concen: 47.829 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063329.D
 Acq: 11 Sep 2020 21:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 923013
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.3 48.8

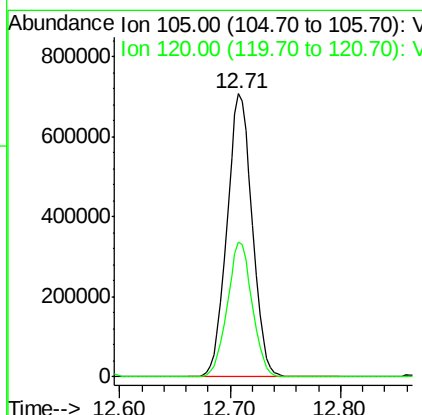
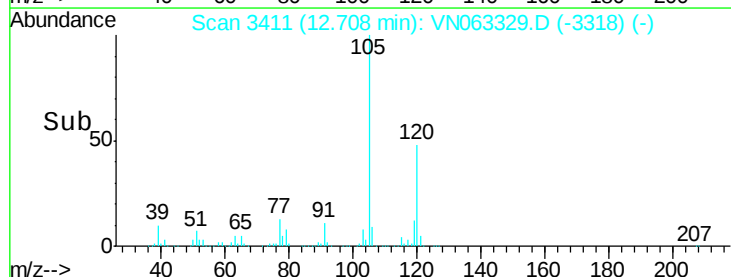
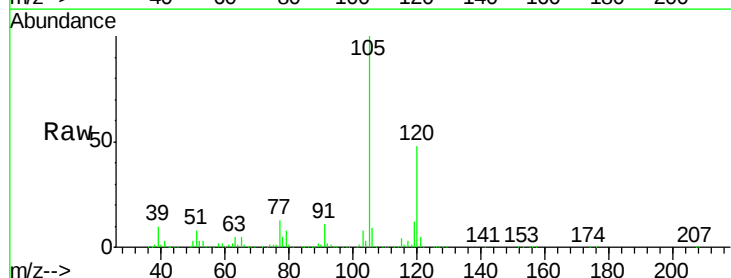
Manual Integrations
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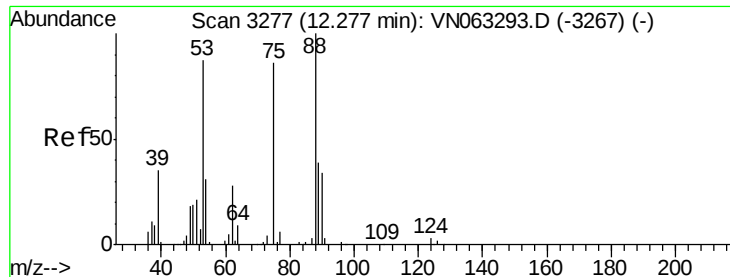
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#80
 1,3,5-Trimethylbenzene
 Concen: 48.847 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063329.D
 Acq: 11 Sep 2020 21:06

Tgt Ion: 105 Resp: 1120591
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 47.059 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063329.D

Acq: 11 Sep 2020 21:06

Instrument :

MSVOA_N

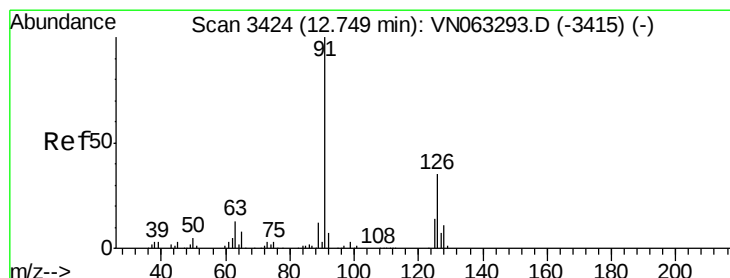
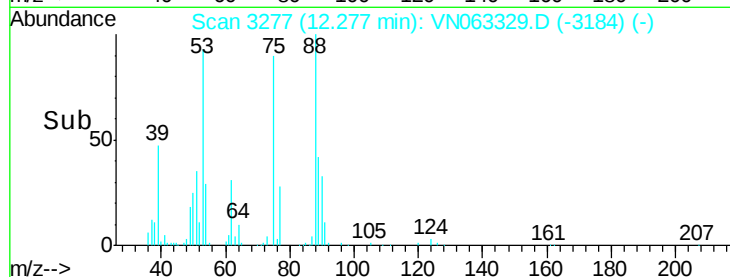
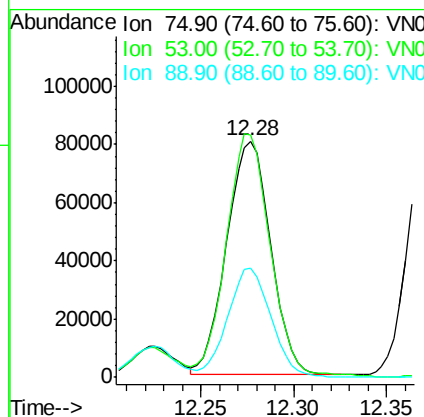
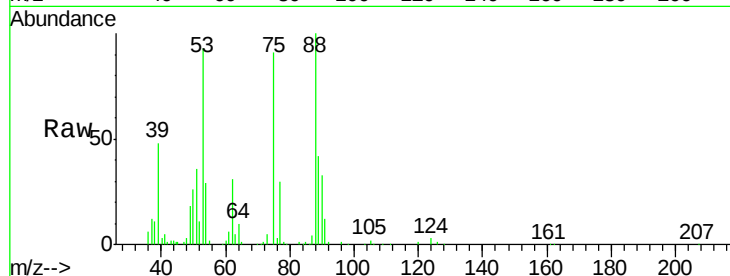
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	132350
Ion Ratio	Lower	Upper	
75	100		
53	104.4	81.8	122.8
89	46.1	36.7	55.1

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#82

4-Chlorotoluene

Concen: 47.020 ug/l

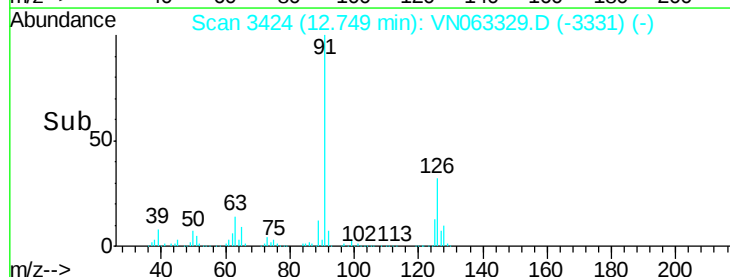
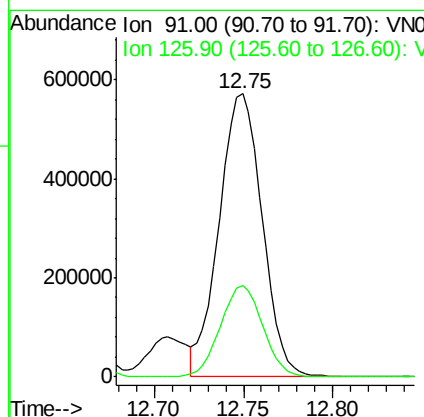
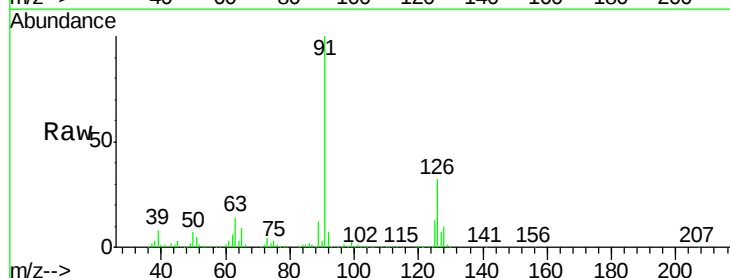
RT: 12.75 min Scan# 3424

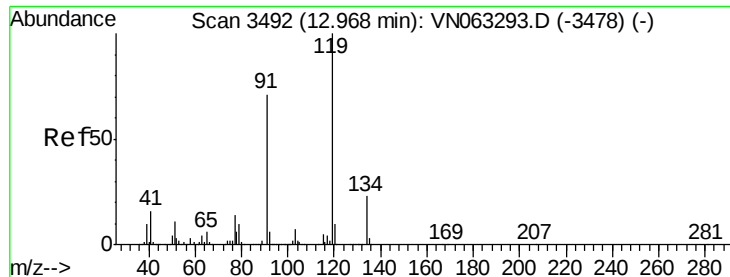
Delta R.T. 0.00 min

Lab File: VN063329.D

Acq: 11 Sep 2020 21:06

Tgt Ion:	91	Resp:	951172
Ion Ratio	Lower	Upper	
91	100		
126	32.0	15.9	47.7





#83

tert-Butylbenzene

Concen: 46.794 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN063329.D

Acq: 11 Sep 2020 21:06

Instrument :

MSVOA_N

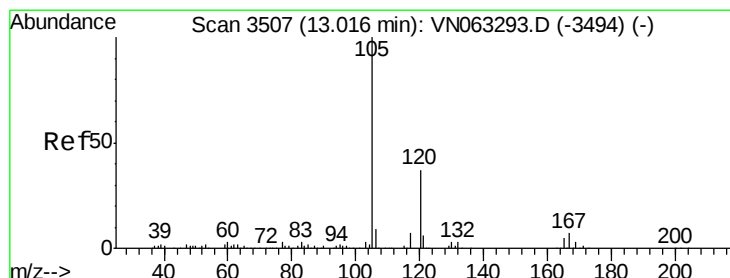
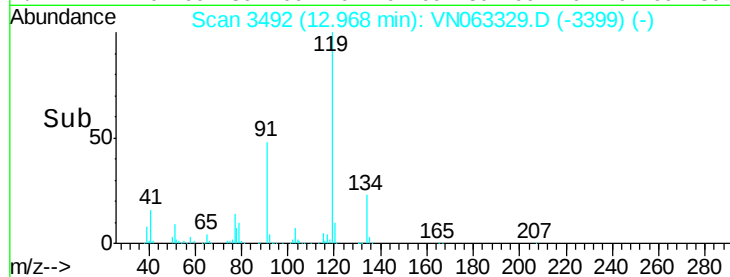
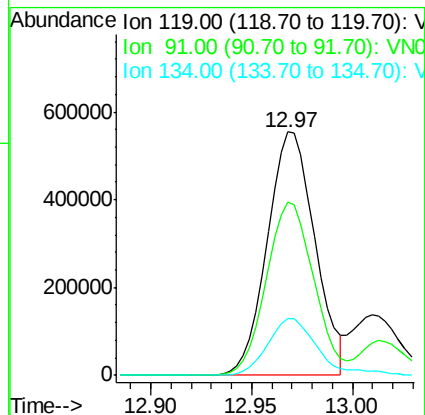
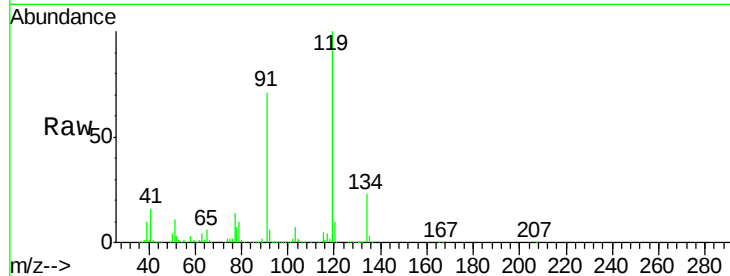
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	910410
Ion Ratio	Lower	Upper	
119	100		
91	70.7	34.8	104.3
134	24.5	11.9	35.5

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 48.896 ug/l

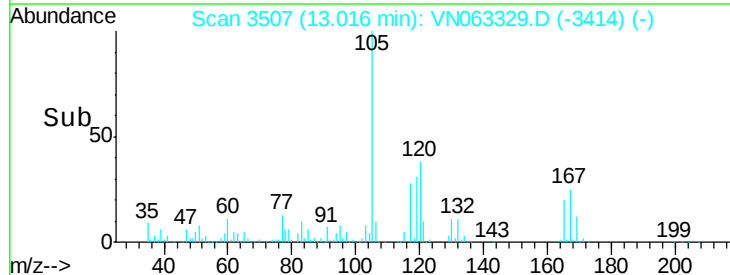
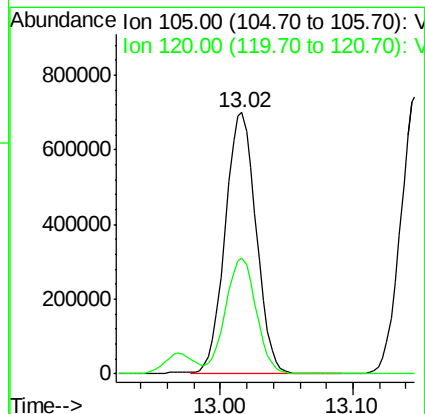
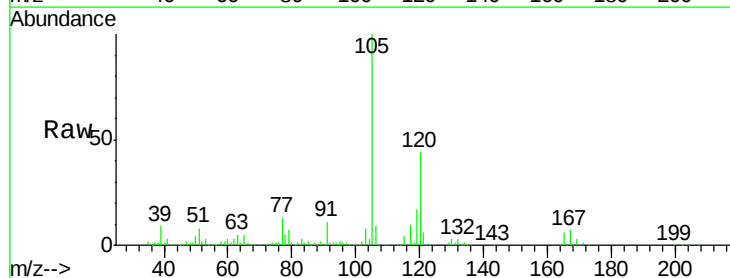
RT: 13.02 min Scan# 3507

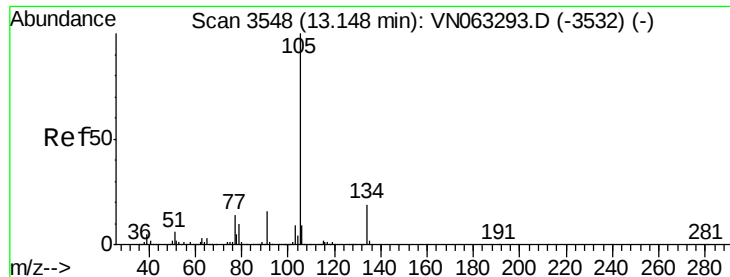
Delta R.T. -0.00 min

Lab File: VN063329.D

Acq: 11 Sep 2020 21:06

Tgt Ion:	105	Resp:	1130627
Ion Ratio	Lower	Upper	
105	100		
120	44.2	21.8	65.4





#85

sec-Butylbenzene

Concen: 48.936 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063329.D

Acq: 11 Sep 2020 21:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1211294

Ion Ratio Lower Upper

105 100

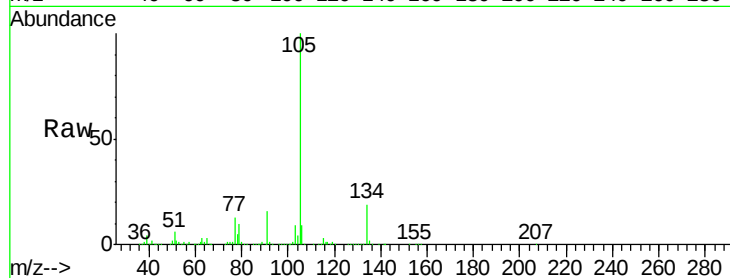
134 18.8 9.4 28.3

Manual Integrations

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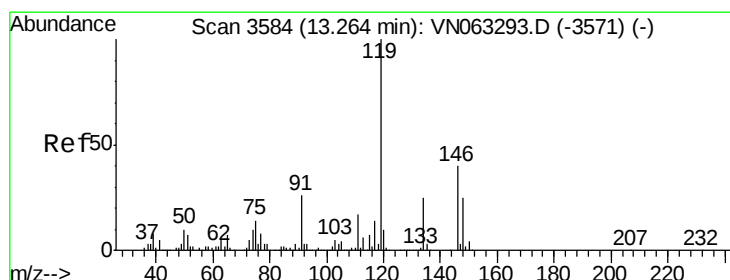
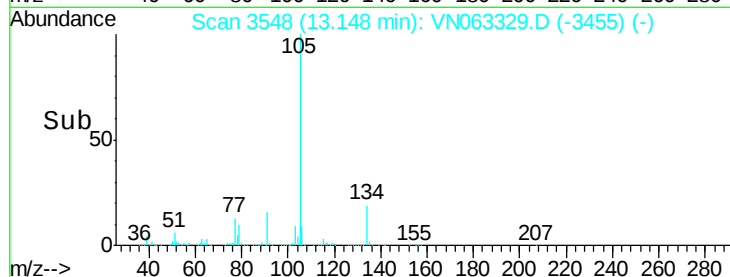
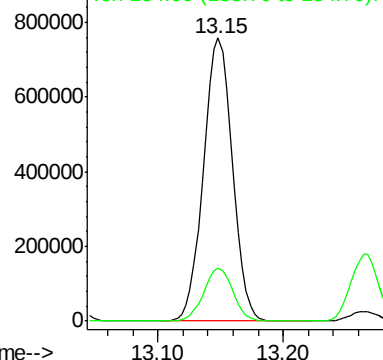
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.298 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063329.D

Acq: 11 Sep 2020 21:06

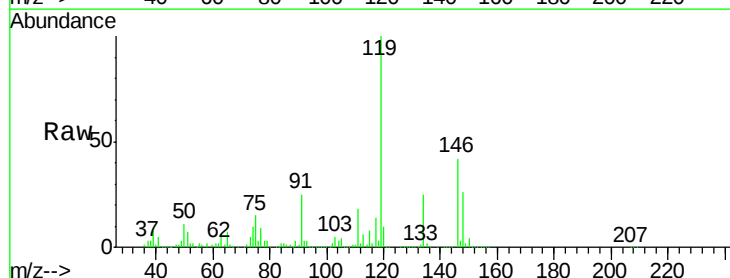
Tgt Ion:119 Resp: 1095997

Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

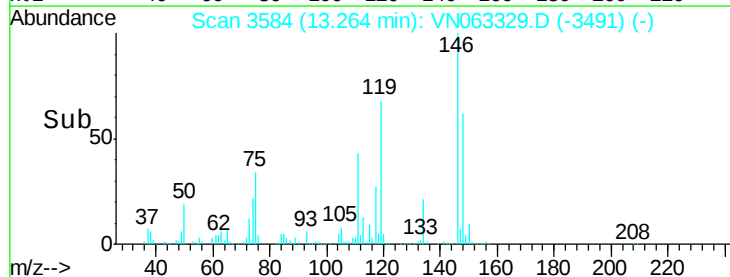
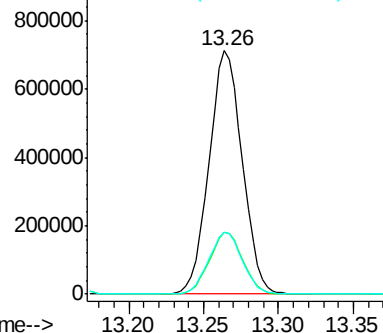
91 25.5 12.8 38.3

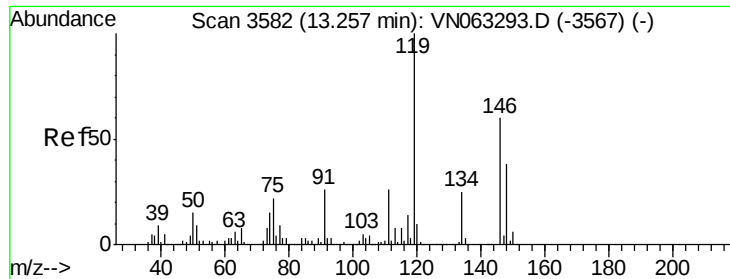


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





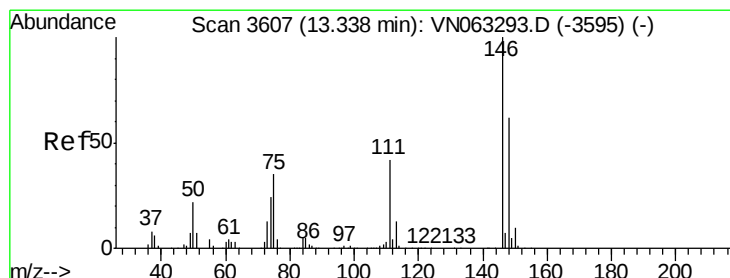
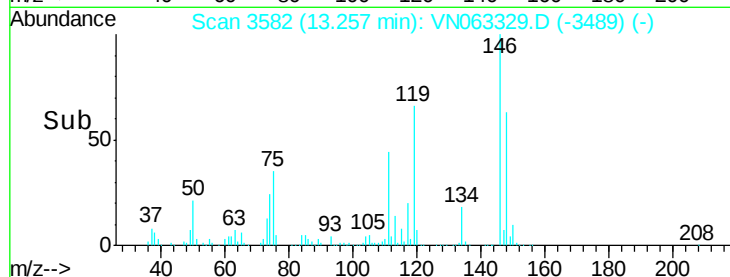
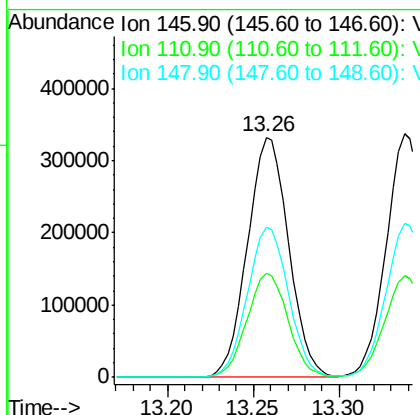
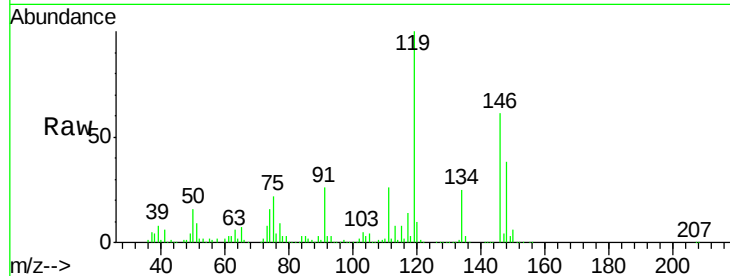
#87
 1,3-Dichlorobenzene
 Concen: 47.638 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063329.D
 Acq: 11 Sep 2020 21:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	553075		
111	43.1	21.8	65.4	
148	62.5	31.8	95.4	

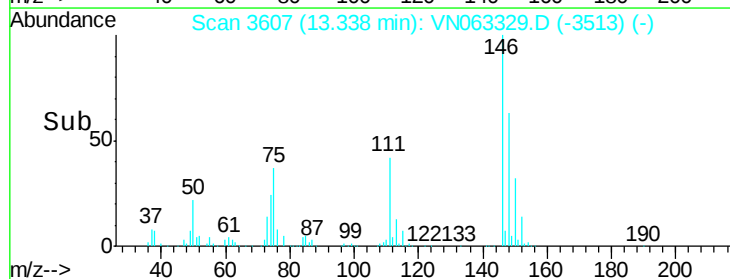
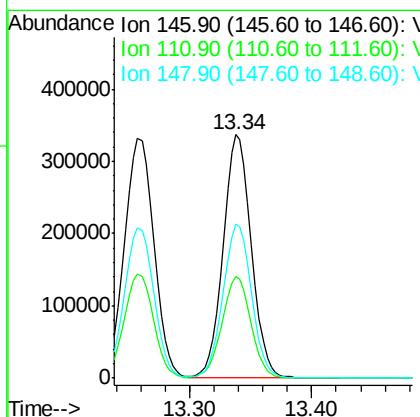
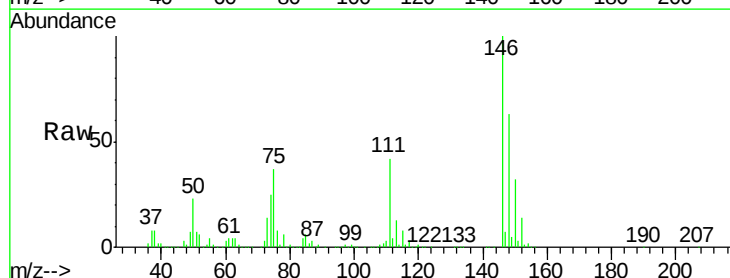
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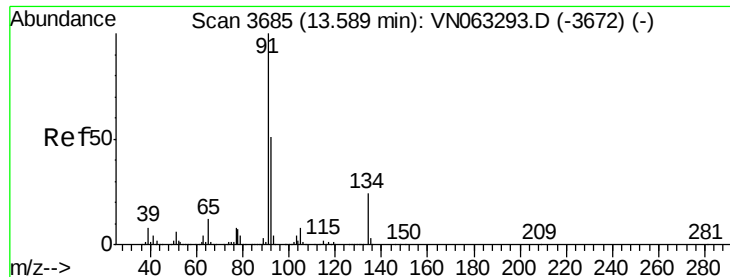
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#88
 1,4-Dichlorobenzene
 Concen: 49.191 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063329.D
 Acq: 11 Sep 2020 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	546308		
111	42.6	21.3	64.0	
148	64.1	31.5	94.5	





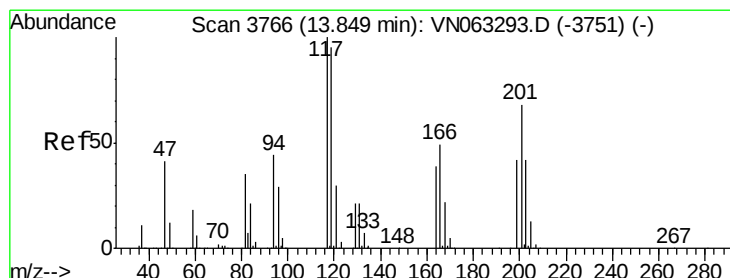
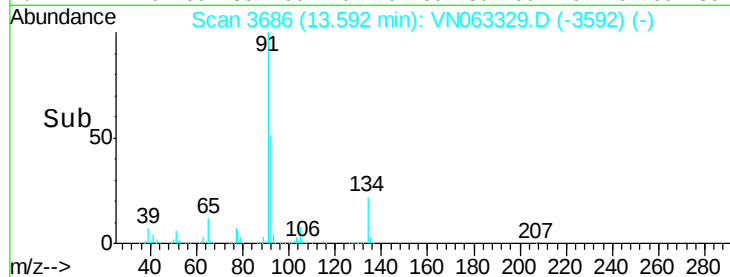
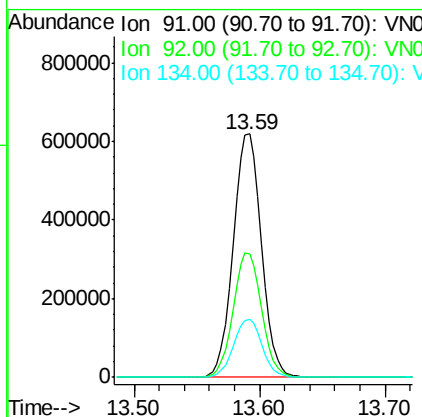
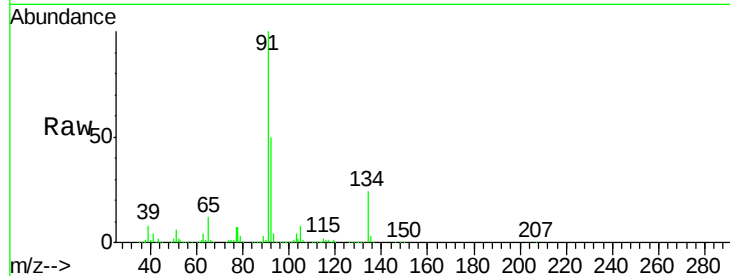
#89
n-Butylbenzene
Concen: 47.075 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	25.8	77.3
134	24.2	12.0	36.0

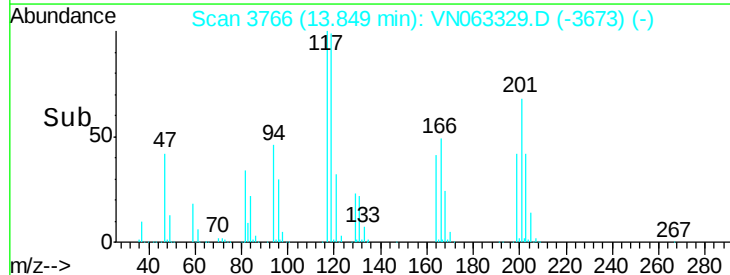
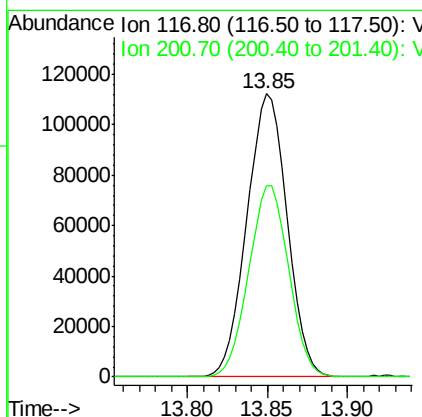
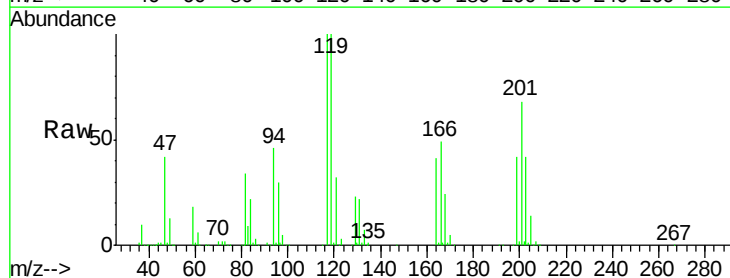
Manual Integrations
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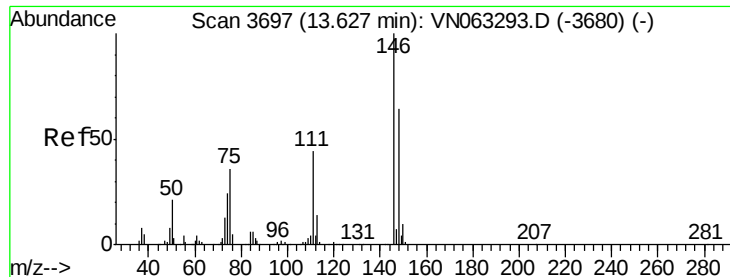
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#90
Hexachloroethane
Concen: 51.863 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063329.D
Acq: 11 Sep 2020 21:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.9	33.5	100.4





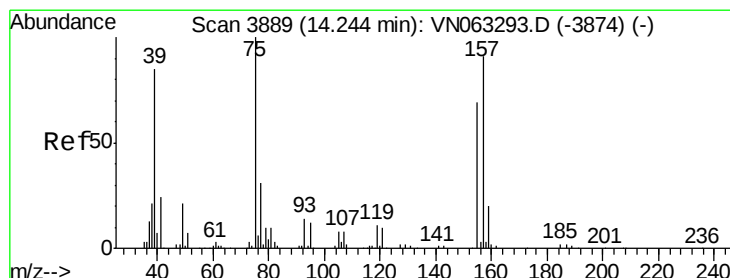
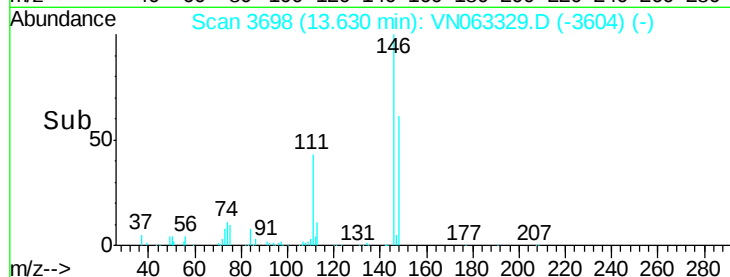
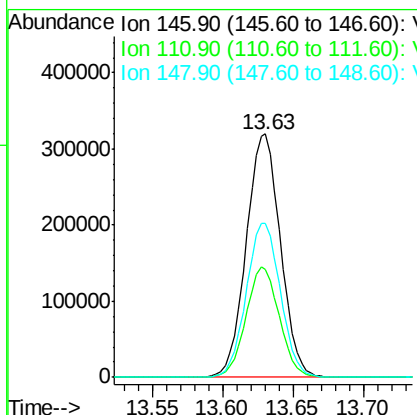
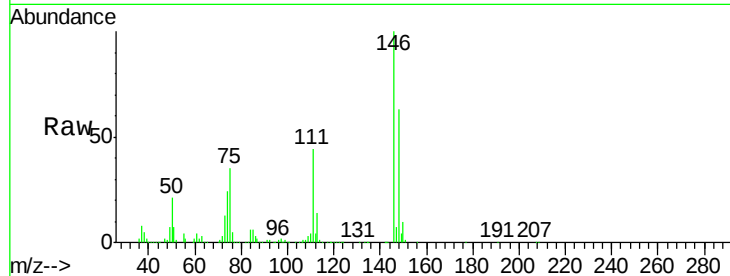
#91
 1,2-Dichlorobenzene
 Concen: 47.333 ug/l
 RT: 13.63 min Scan# 3698
 Delta R.T. 0.00 min
 Lab File: VN063329.D
 Acq: 11 Sep 2020 21:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	543131		
111	44.3	22.1	66.5	
148	63.5	31.8	95.3	

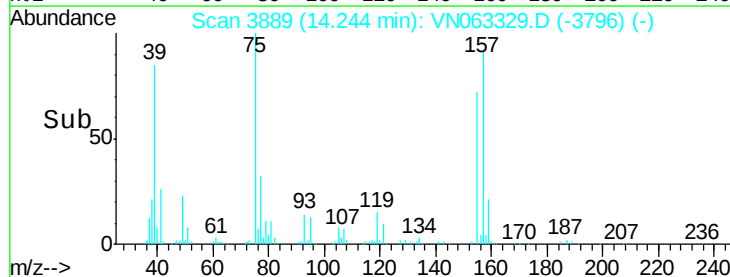
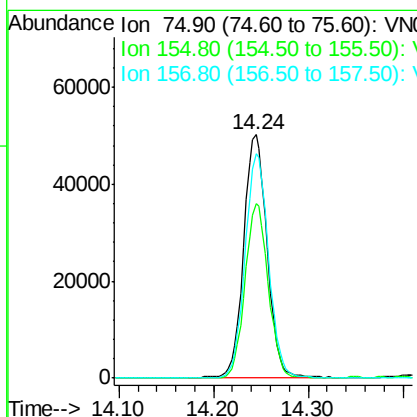
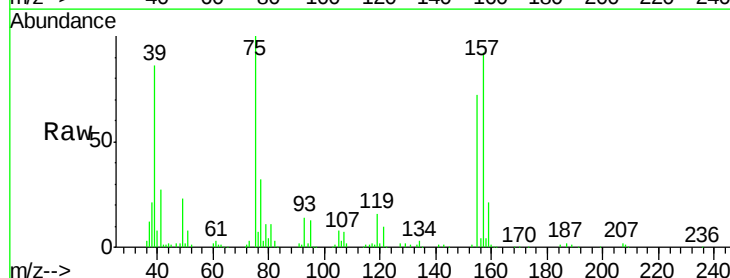
Manual Integrations
 APPROVED

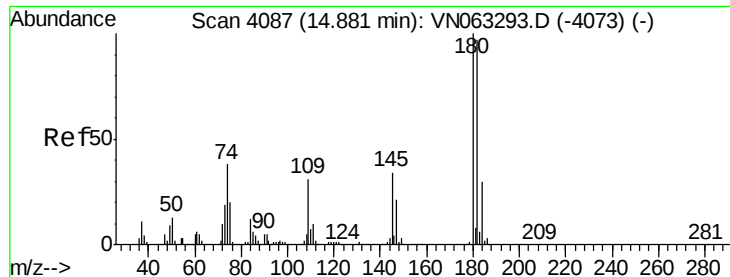
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.208 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063329.D
 Acq: 11 Sep 2020 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	86739		
155	70.6	35.3	105.7	
157	92.1	46.7	140.0	





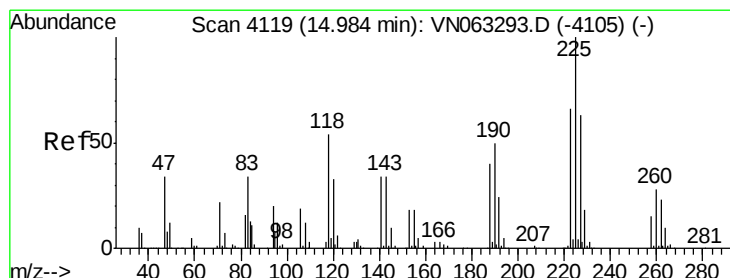
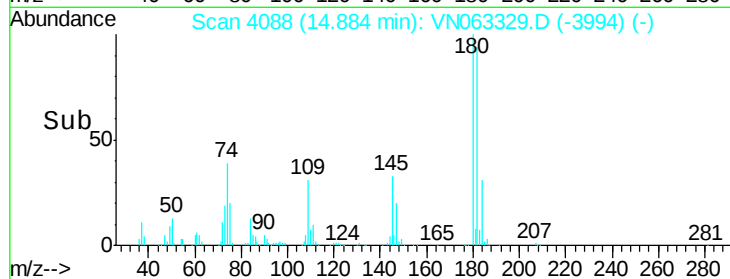
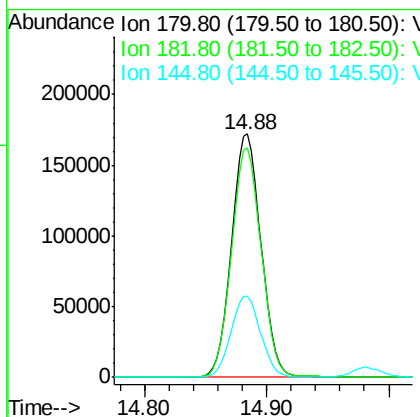
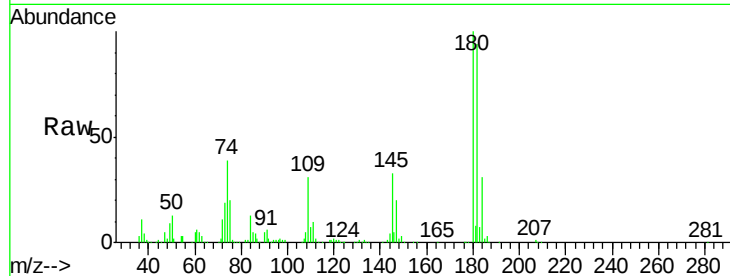
#93
 1,2,4-Trichlorobenzene
 Concen: 43.055 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063329.D
 Acq: 11 Sep 2020 21:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	289178		
182	95.2	48.0	144.2	
145	33.8	16.6	49.8	

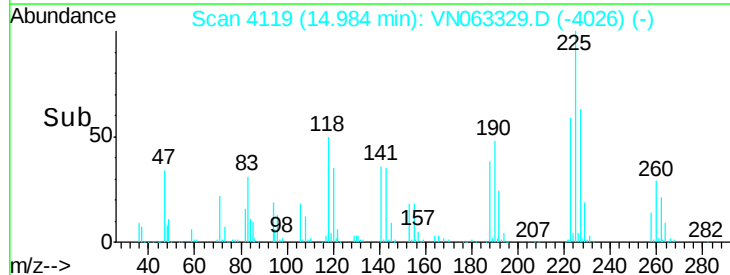
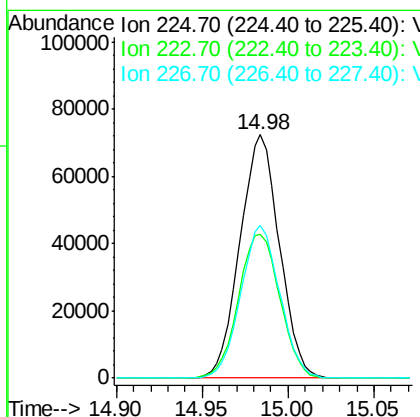
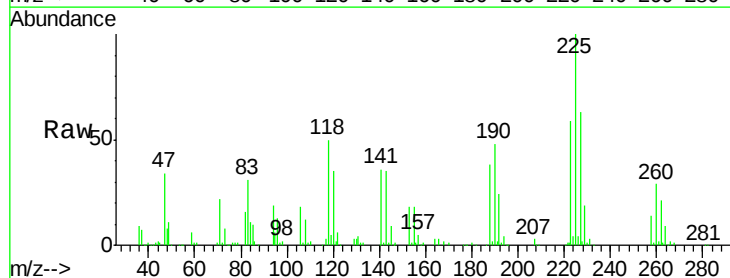
Manual Integrations
 APPROVED

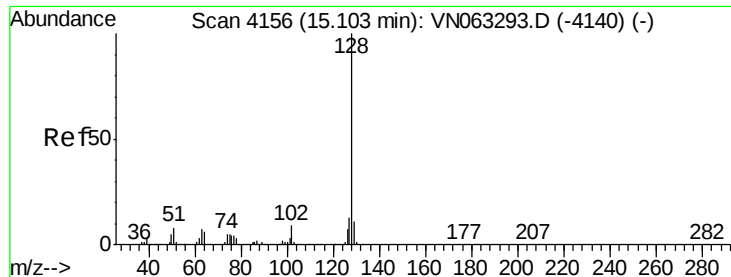
MMDadoda
 9/14/2020 12:08:35 PM



#94
 Hexachlorobutadiene
 Concen: 47.664 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063329.D
 Acq: 11 Sep 2020 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	115544		
223	62.0	31.3	93.9	
227	62.1	31.2	93.6	





#95

Naphthalene

Concen: 48.449 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063329.D

Acq: 11 Sep 2020 21:06

Instrument :

MSVOA_N

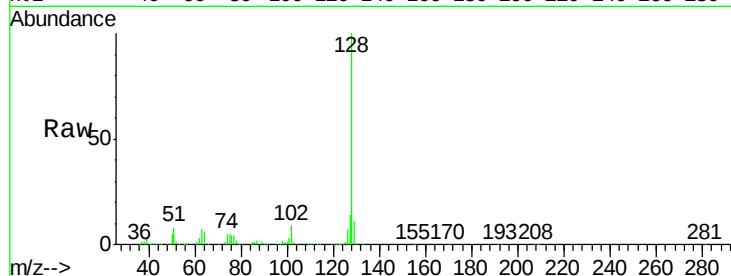
ClientSampleId :

VSTDCCC050EC

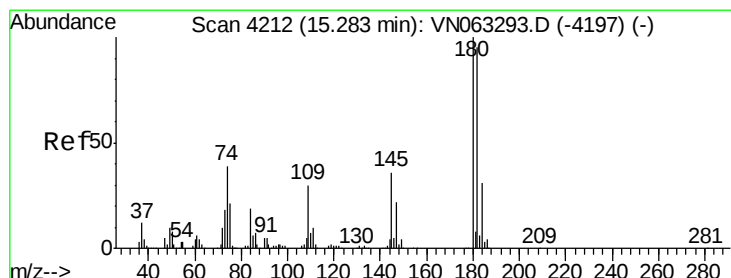
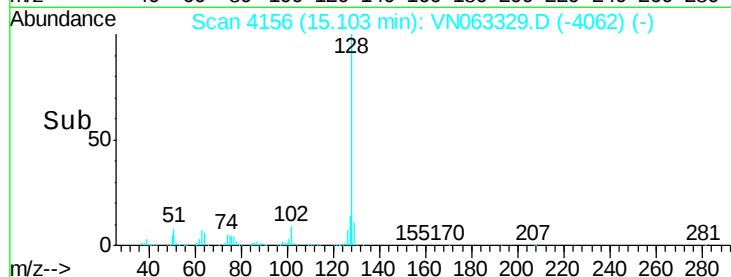
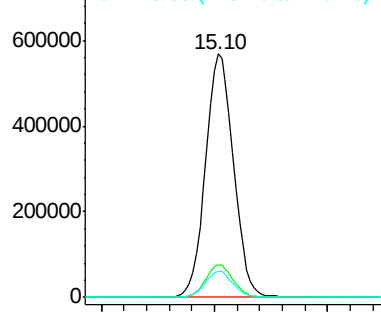
Tot Ion:	128	Resp:	978481
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.3	15.5
129	10.7	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
9/14/2020 12:08:35 PM



Abundance Ion 128.00 (127.70 to 128.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.263 ug/l

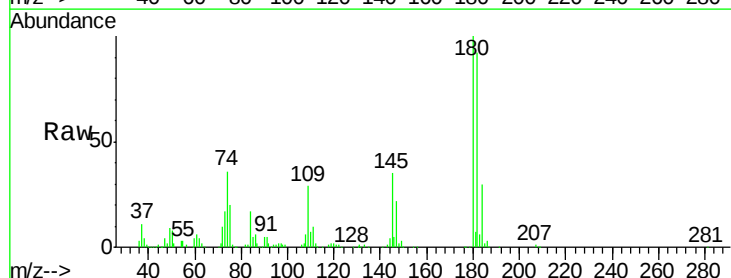
RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063329.D

Acq: 11 Sep 2020 21:06

Tgt Ion:	180	Resp:	285156
Ion Ratio	Lower	Upper	
180	100		
182	93.7	47.4	142.3
145	34.6	17.2	51.6



Abundance Ion 179.80 (179.50 to 180.50): V

