

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091020\
 Data File : VN063293.D
 Acq On : 10 Sep 2020 13:56
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/11/2020 2:02:27 PM

Quant Time: Sep 10 14:34:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 10 14:25:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	463546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	839175	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	753436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	352128	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	363214	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
35) Dibromofluoromethane	7.55	113	270522	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
50) Toluene-d8	10.06	98	1038298	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
62) 4-Bromofluorobenzene	12.38	95	382249	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	216815	47.969	ug/l	100
3) Chloromethane	2.04	50	307528	46.749	ug/l	100
4) Vinyl Chloride	2.17	62	316971	44.457	ug/l	100
5) Bromomethane	2.53	94	214242	37.249	ug/l	100
6) Chloroethane	2.68	64	203503	37.332	ug/l	100
7) Trichlorofluoromethane	2.99	101	480783	44.666	ug/l	100
8) Diethyl Ether	3.38	74	169962	48.732	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	251838	50.716	ug/l	100
10) Methyl Iodide	3.91	142	347264	51.621	ug/l	100
11) Tert butyl alcohol	4.73	59	245105	266.839	ug/l	100
12) 1,1-Dichloroethene	3.70	96	248200	49.415	ug/l	100
13) Acrolein	3.57	56	117673	344.140	ug/l	100
14) Allyl chloride	4.28	41	508473	56.175	ug/l	100
15) Acrylonitrile	4.93	53	669842	281.957	ug/l	100
16) Acetone	3.77	43	599235	276.498	ug/l	100
17) Carbon Disulfide	4.01	76	735394	49.098	ug/l	100
18) Methyl Acetate	4.28	43	306898	55.545	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	908634	49.066	ug/l	100
20) Methylene Chloride	4.51	84	291550	45.299	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	275339	49.905	ug/l	100
22) Diisopropyl ether	5.90	45	1037873	51.722	ug/l	100
23) Vinyl Acetate	5.84	43	4342202	271.998	ug/l	100
24) 1,1-Dichloroethane	5.80	63	550941	50.027	ug/l	100
25) 2-Butanone	6.78	43	943062	283.081	ug/l	100
26) 2,2-Dichloropropane	6.78	77	479633	47.984	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	322795	48.133	ug/l	100
28) Bromochloromethane	7.15	49	258522	45.850	ug/l	100
29) Tetrahydrofuran	7.17	42	626929	273.316	ug/l	100
30) Chloroform	7.33	83	559484	48.744	ug/l	100
31) Cyclohexane	7.61	56	496385	47.958	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	485498	49.234	ug/l	100
36) 1,1-Dichloropropene	7.75	75	423487	52.458	ug/l	100
37) Ethyl Acetate	6.88	43	413411	59.790	ug/l	100
38) Carbon Tetrachloride	7.74	117	423347	51.872	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	462001	51.208	ug/l	100
40) Benzene	8.00	78	1219805	51.773	ug/l	100
41) Methacrylonitrile	7.14	41	197476m	56.630	ug/l	
42) 1,2-Dichloroethane	8.09	62	466797	52.807	ug/l	100
43) Isopropyl Acetate	8.13	43	720880	54.820	ug/l	100
44) Trichloroethene	8.80	130	320530	55.260	ug/l	100
45) 1,2-Dichloropropane	9.08	63	335436	53.311	ug/l	100
46) Dibromomethane	9.17	93	213220	51.745	ug/l	100
47) Bromodichloromethane	9.37	83	450984	51.134	ug/l	100
48) Methyl methacrylate	9.17	41	343546	57.699	ug/l	100
49) 1,4-Dioxane	9.17	88	98864	1079.272	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	2060587	288.083	ug/l	100
52) Toluene	10.13	92	745927	51.023	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	503351	52.391	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	543178	53.289	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	292078	52.036	ug/l	100
56) Ethyl methacrylate	10.40	69	462387	54.023	ug/l	100
57) 1,3-Dichloropropane	10.68	76	516823	51.851	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	1138217	258.559	ug/l	100
59) 2-Hexanone	10.72	43	1510393	299.309	ug/l	100
60) Dibromochloromethane	10.87	129	328891	53.021	ug/l	100
61) 1,2-Dibromoethane	10.98	107	302607	52.100	ug/l	100
64) Tetrachloroethene	10.60	164	303453	54.893	ug/l	100
65) Chlorobenzene	11.41	112	793348	52.367	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	293757	52.527	ug/l	100
67) Ethyl Benzene	11.49	91	1477933	53.513	ug/l	100
68) m/p-Xylenes	11.60	106	1066037	104.566	ug/l	100
69) o-Xylene	11.92	106	518935	52.676	ug/l	100
70) Styrene	11.94	104	883773	52.366	ug/l	100
71) Bromoform	12.10	173	209224	54.784	ug/l #	100
73) Isopropylbenzene	12.23	105	1395919	52.124	ug/l	100
74) N-amyl acetate	12.05	43	628491	56.157	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	392698	51.025	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	380321m	50.499	ug/l	
77) Bromobenzene	12.50	156	315547	51.844	ug/l	100
78) n-propylbenzene	12.57	91	1638307	52.869	ug/l	100
79) 2-Chlorotoluene	12.65	91	971857	52.222	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1184184	52.892	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	146190	51.623	ug/l	100
82) 4-Chlorotoluene	12.75	91	1007188	52.237	ug/l	100
83) tert-Butylbenzene	12.97	119	974272	50.983	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	1195667	52.989	ug/l	100
85) sec-Butylbenzene	13.15	105	1287122	51.923	ug/l	100
86) p-Isopropyltoluene	13.26	119	1172533	53.147	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	582960	52.269	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	582752	50.647	ug/l	100
89) n-Butylbenzene	13.59	91	1070927	52.469	ug/l	100
90) Hexachloroethane	13.85	117	203016	49.911	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	575346	53.139	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	93869	54.468	ug/l	100

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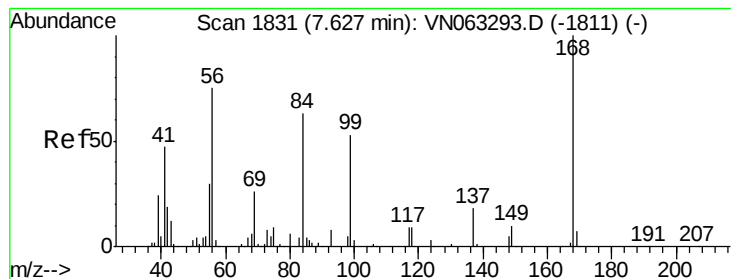
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	336298	54.962	ug/l	100
94) Hexachlorobutadiene	14.98	225	128788	55.690	ug/l	100
95) Naphthalene	15.10	128	1076183	53.750	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	320098	53.704	ug/l	100

(#) = 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

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 463546

Ion Ratio Lower Upper

168 100

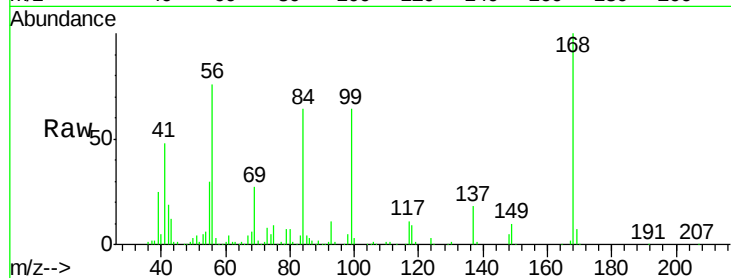
99 63.9 51.1 76.7

Manual Integrations

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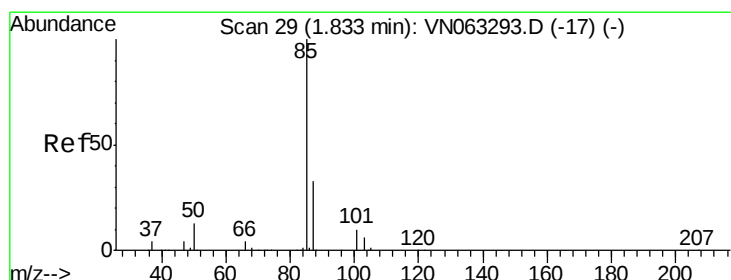
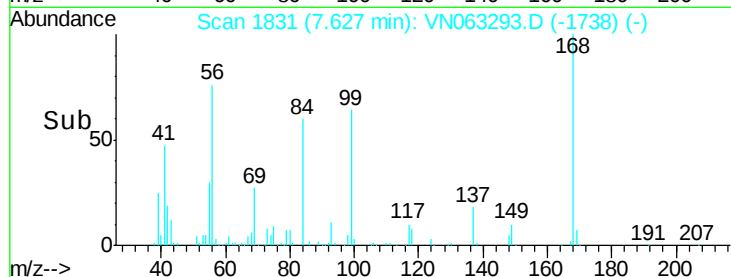
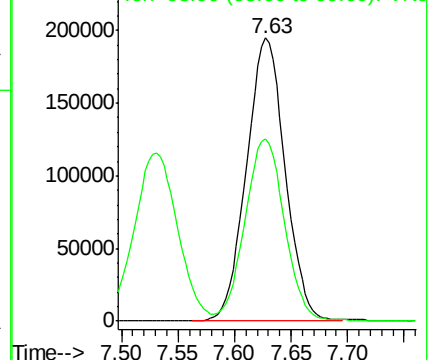
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 47.969 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063293.D

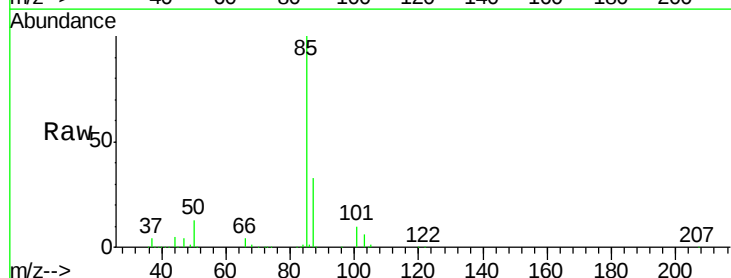
Acq: 10 Sep 2020 13:56

Tgt Ion: 85 Resp: 216815

Ion Ratio Lower Upper

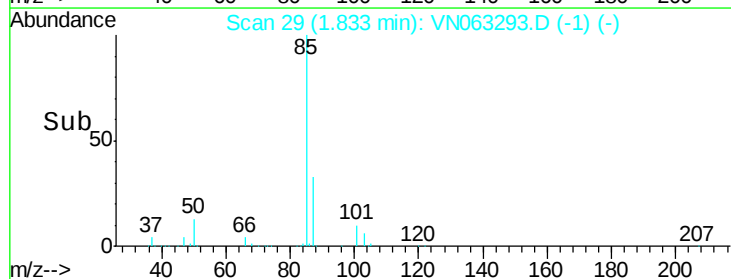
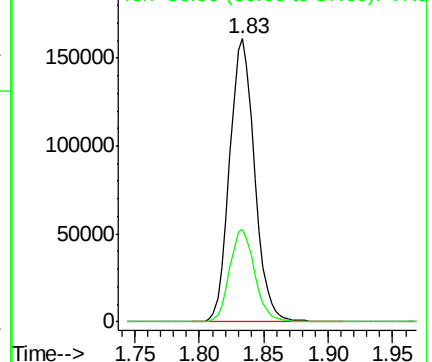
85 100

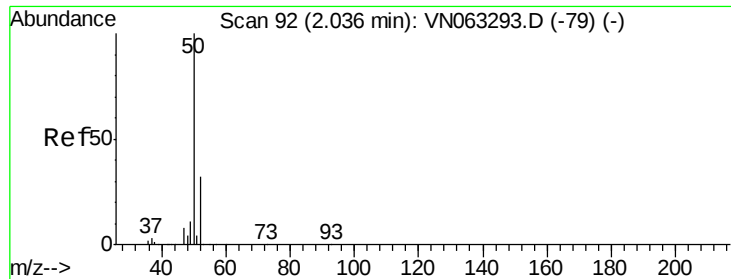
87 32.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 46.749 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 307528

Ion Ratio Lower Upper

50 100

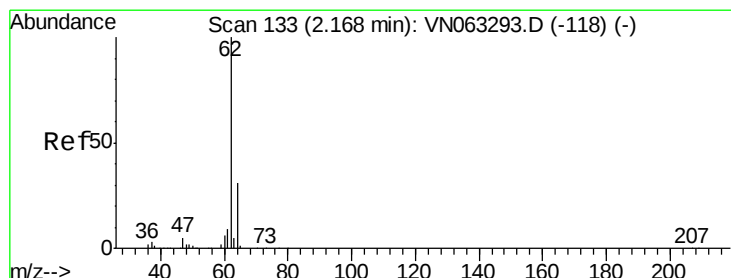
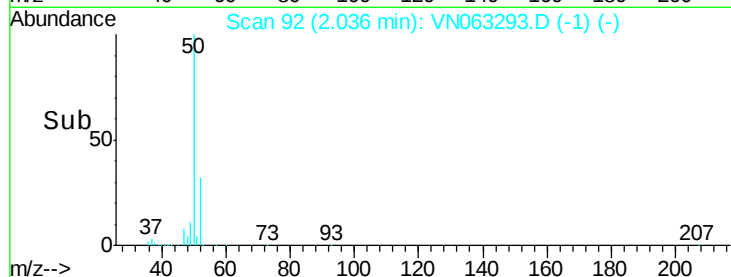
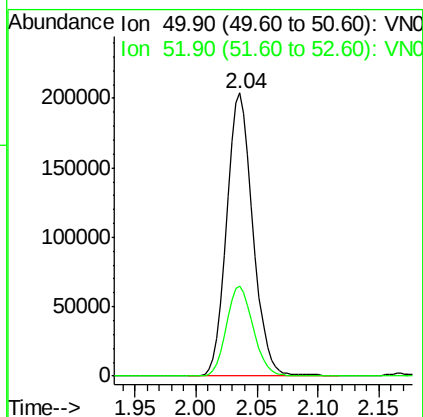
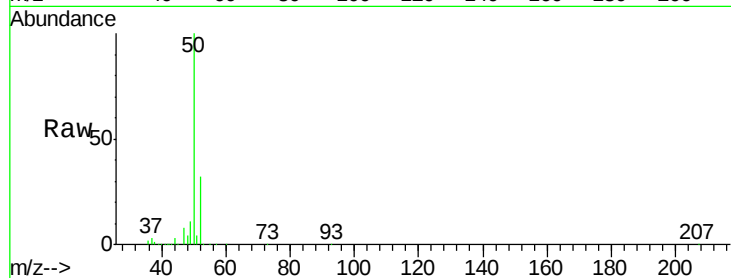
52 31.8 25.4 38.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.457 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063293.D

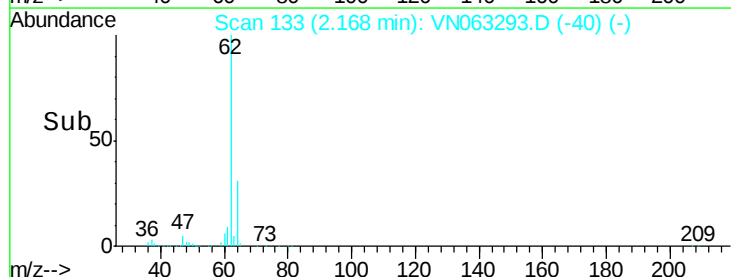
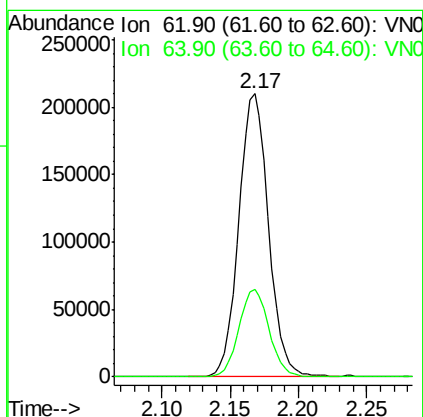
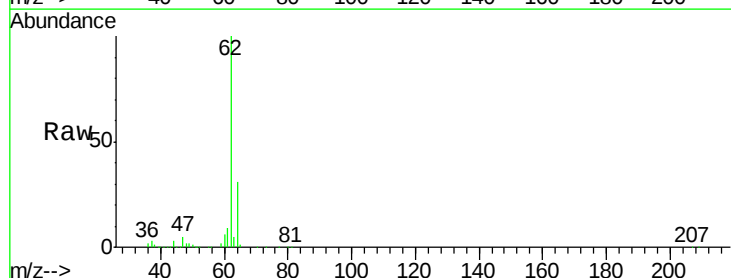
Acq: 10 Sep 2020 13:56

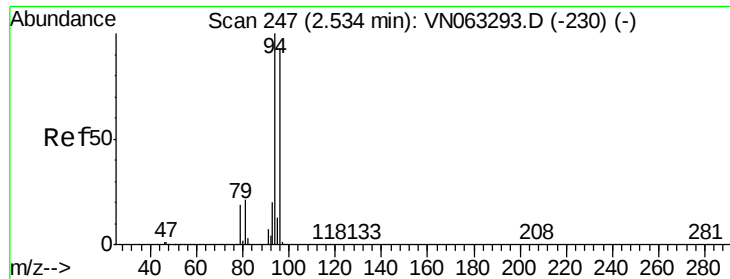
Tgt Ion: 62 Resp: 316971

Ion Ratio Lower Upper

62 100

64 30.8 24.6 37.0





#5

Bromomethane

Concen: 37.249 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 214242

Ion Ratio Lower Upper

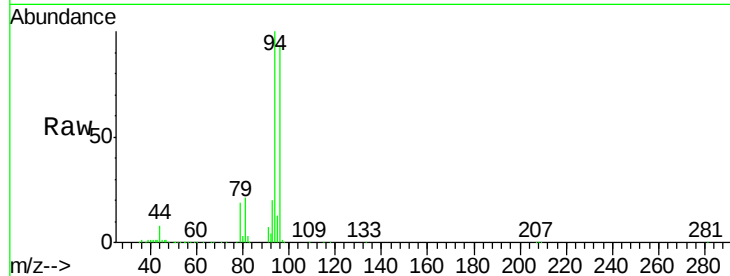
94 100

96 92.9 74.3 111.5

Manual Integrations
APPROVED

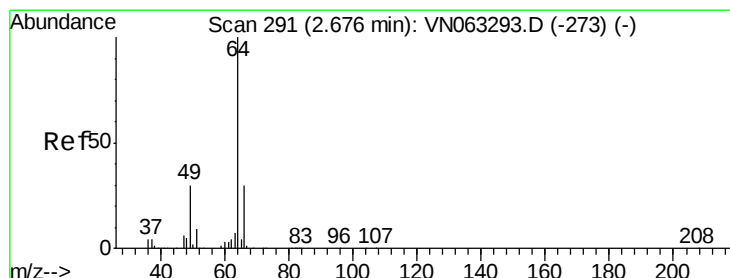
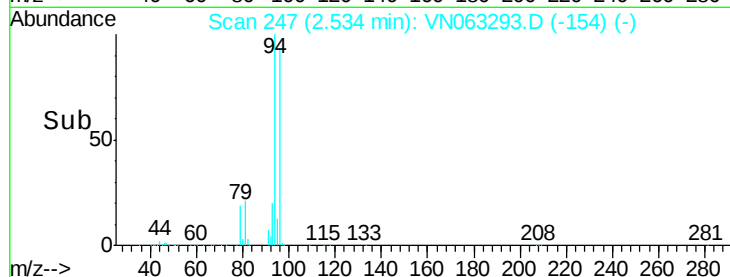
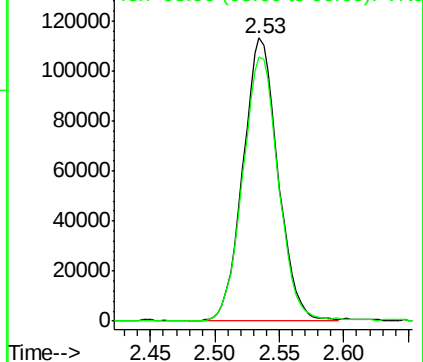
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 37.332 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063293.D

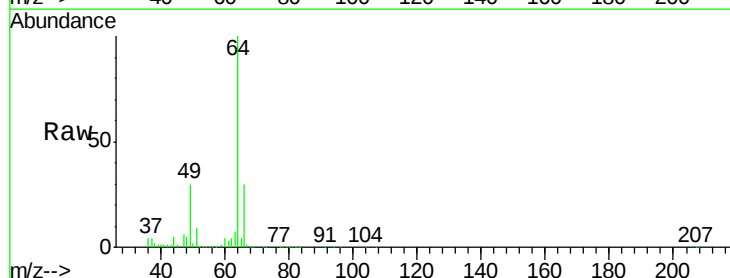
Acq: 10 Sep 2020 13:56

Tgt Ion: 64 Resp: 203503

Ion Ratio Lower Upper

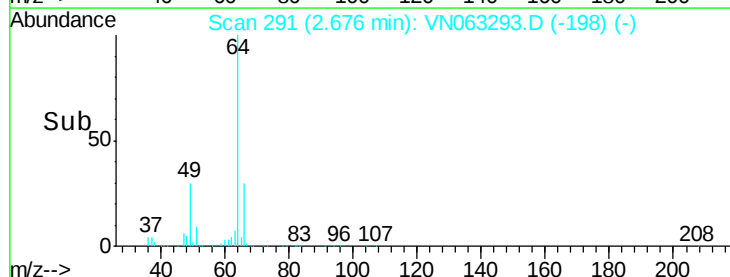
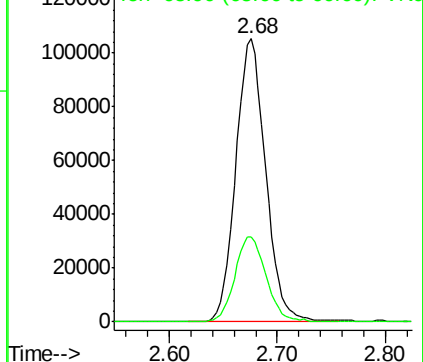
64 100

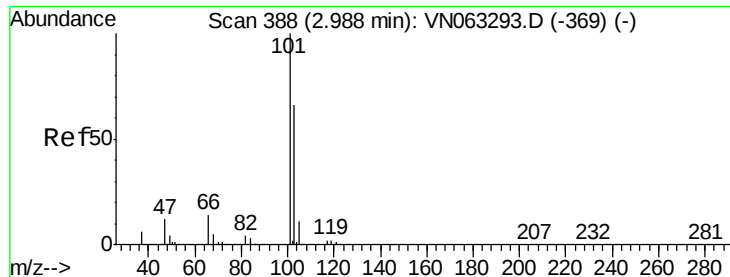
66 29.7 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

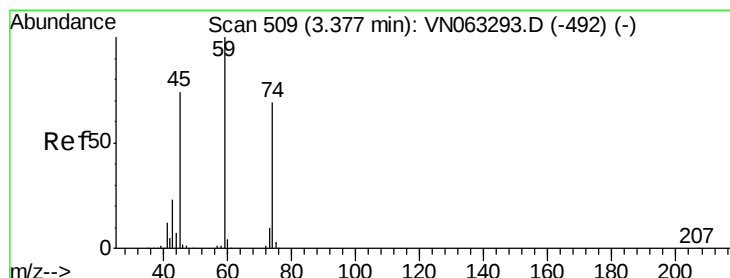
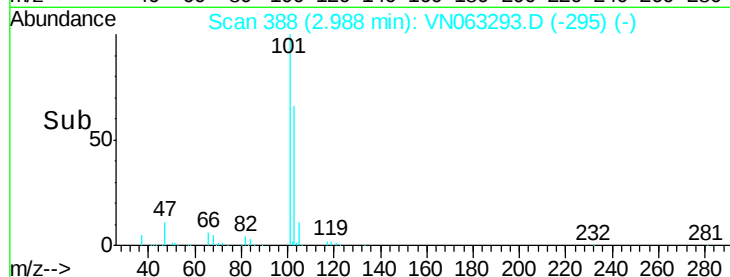
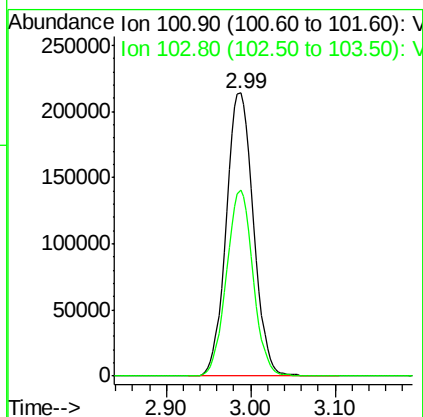
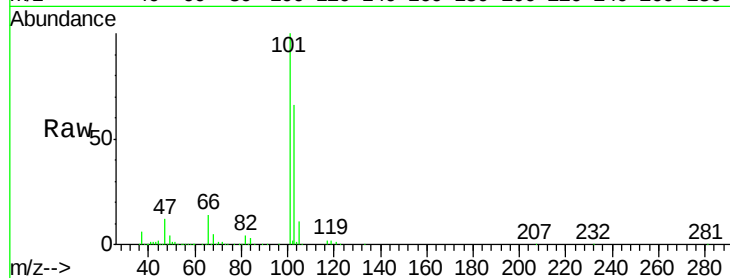
Trichlorofluoromethane
 Concen: 44.666 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

Instrument :
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 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	52.4	78.6

Manual Integrations
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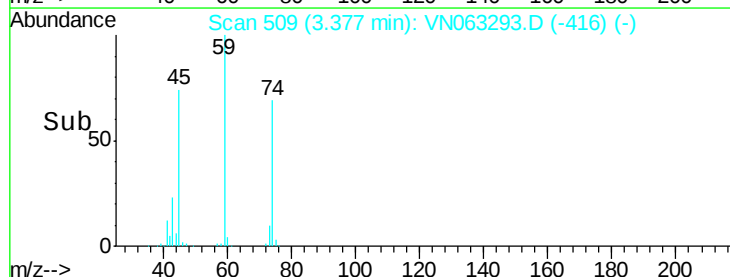
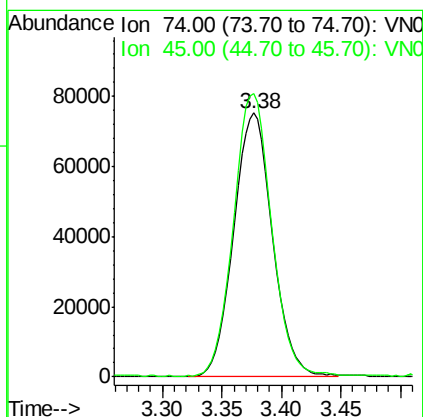
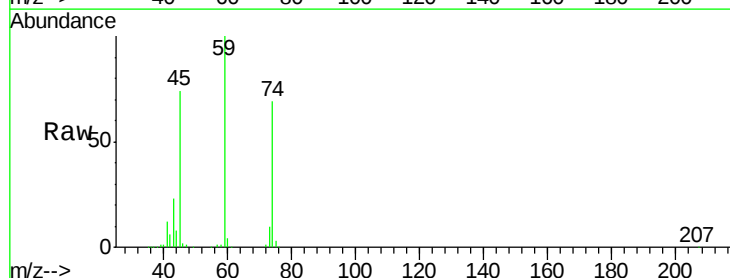
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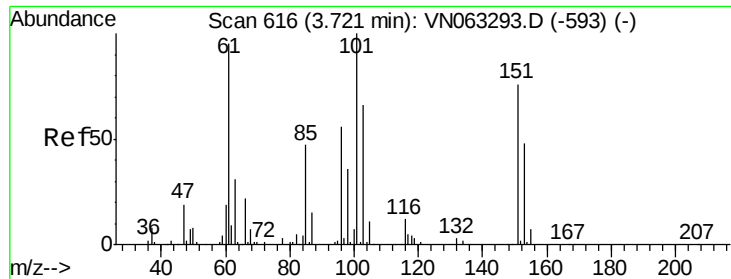


#8

Diethyl Ether
 Concen: 48.732 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.4	52.7	158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.716 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

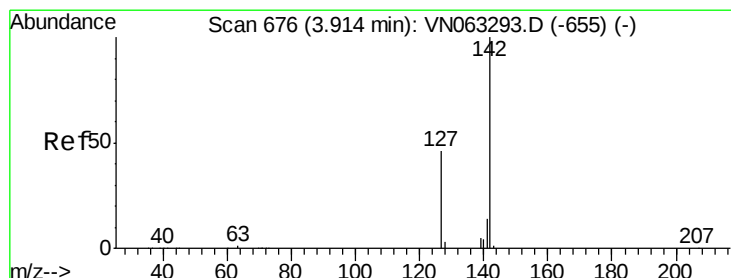
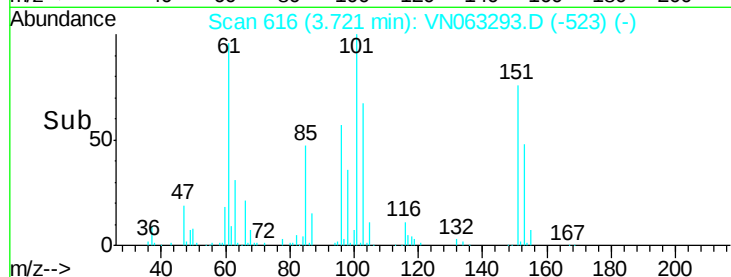
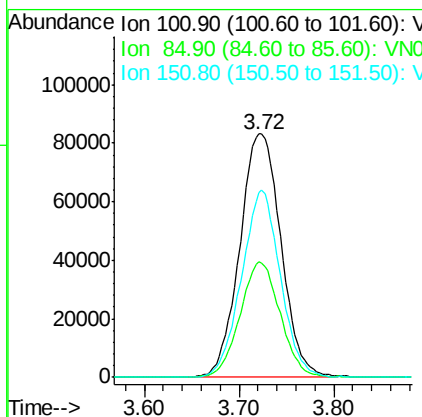
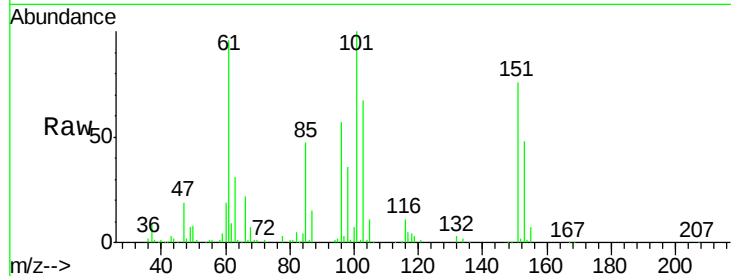
ClientSampled :

VSTDICCC050

Tot Ion:	101	Resp:	251838
Ion Ratio	Lower	Upper	
101	100		
85	46.1	36.9	55.3
151	72.3	57.8	86.8

Manual Integrations
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#10

Methyl Iodide

Concen: 51.621 ug/l

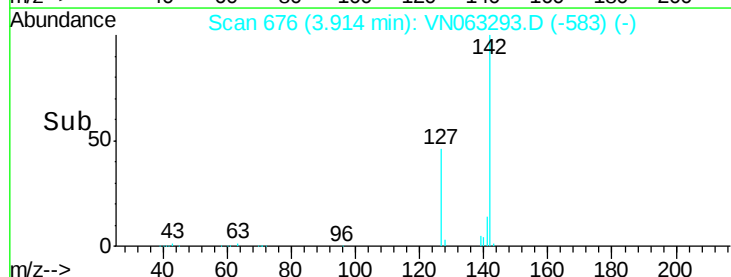
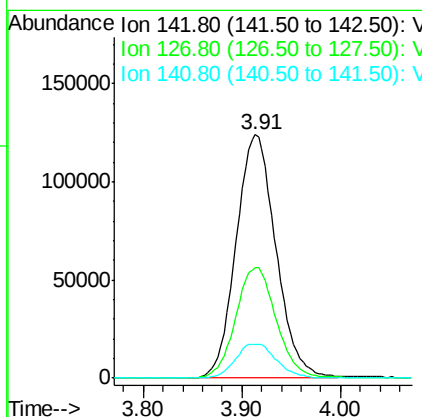
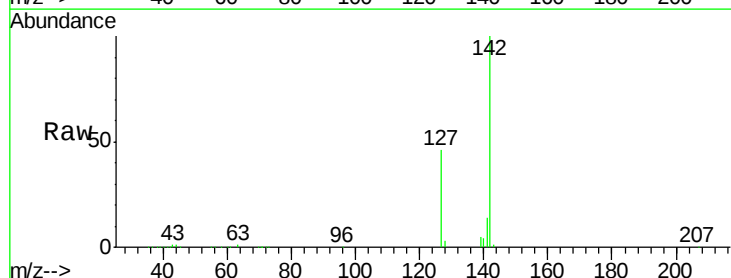
RT: 3.91 min Scan# 676

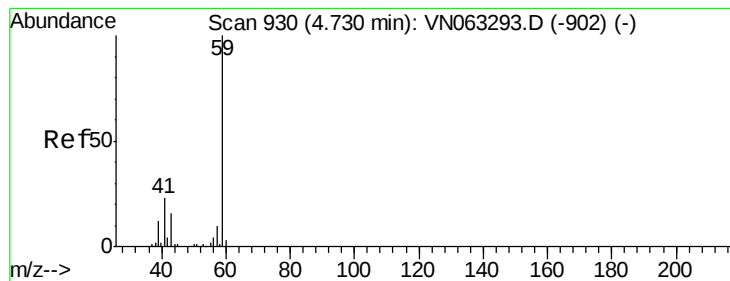
Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Tgt Ion:	142	Resp:	347264
Ion Ratio	Lower	Upper	
142	100		
127	46.4	37.1	55.7
141	14.5	11.6	17.4





#11

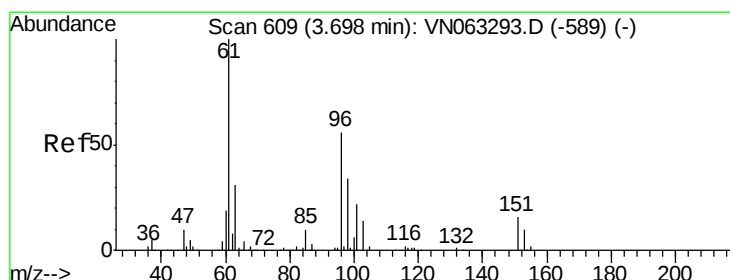
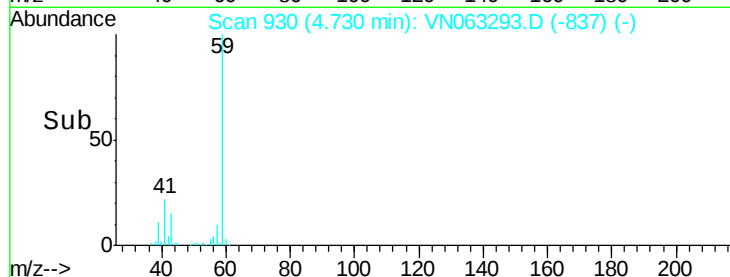
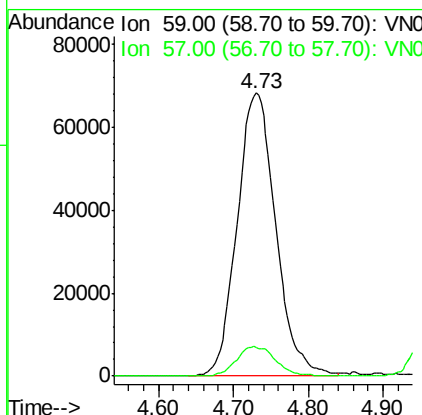
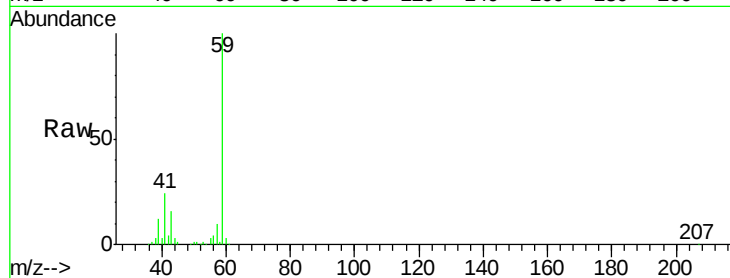
Tert butyl alcohol
Concen: 266.839 ug/l
RT: 4.73 min Scan# 930
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5

Manual Integrations
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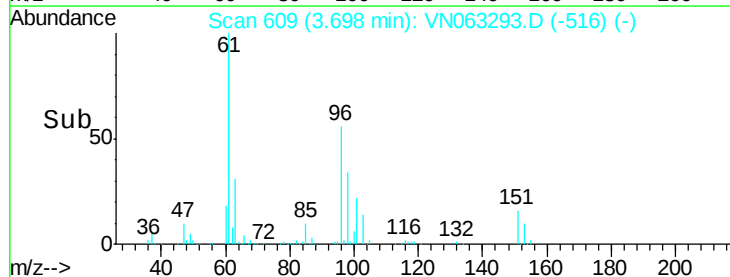
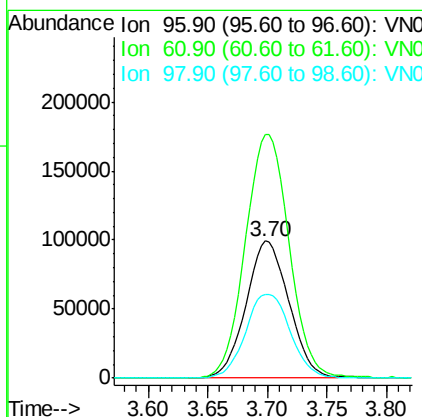
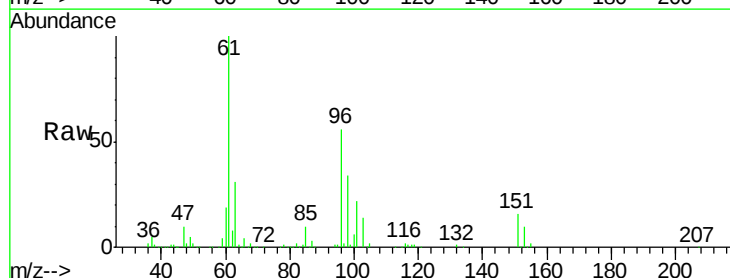
MMDadoda
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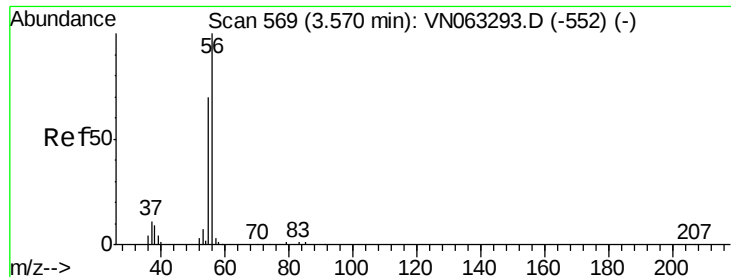


#12

1,1-Dichloroethene
Concen: 49.415 ug/l
RT: 3.70 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	177.6	142.1	213.1
98	61.0	48.8	73.2





#13

Acrolein

Concen: 344.140 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 117673

Ion Ratio Lower Upper

56 100

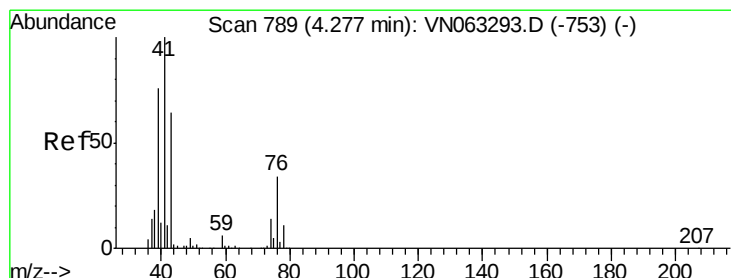
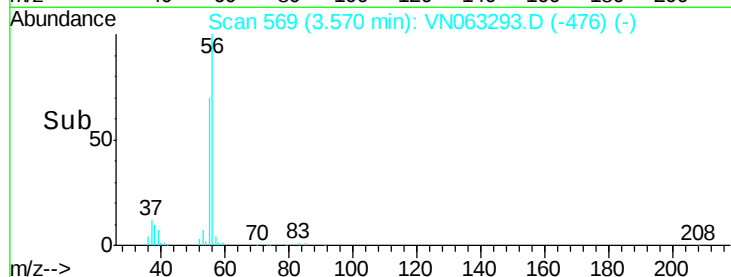
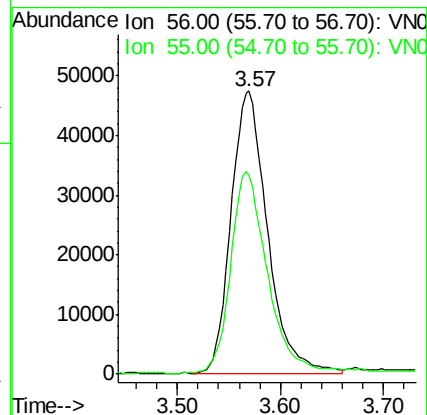
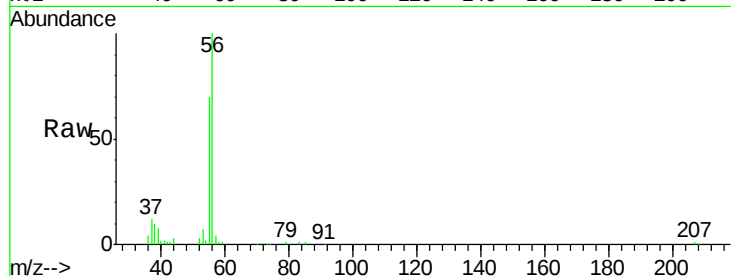
55 71.5 57.2 85.8

Manual Integrations

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#14

Allyl chloride

Concen: 56.175 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

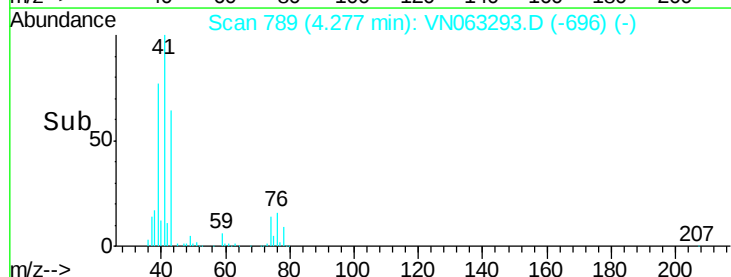
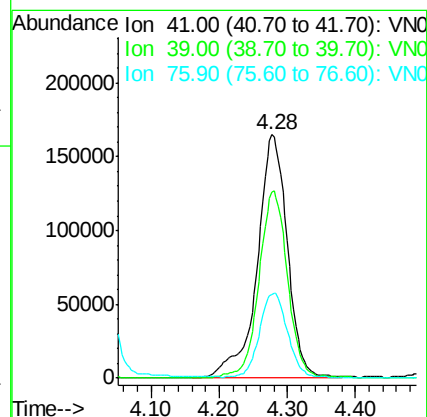
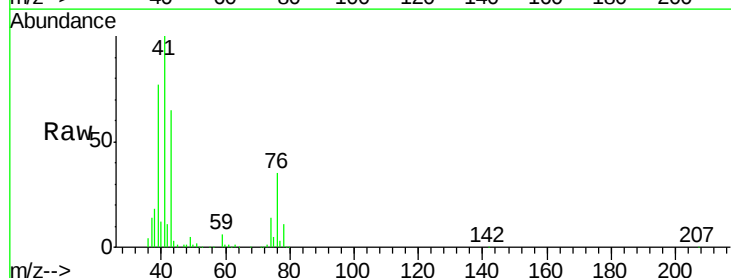
Tgt Ion: 41 Resp: 508473

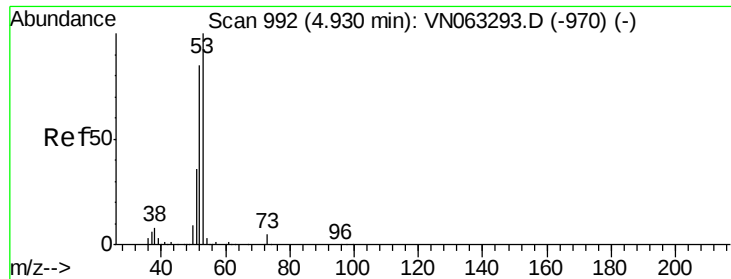
Ion Ratio Lower Upper

41 100

39 71.8 57.4 86.2

76 32.1 25.7 38.5





#15

Acrylonitrile

Concen: 281.957 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

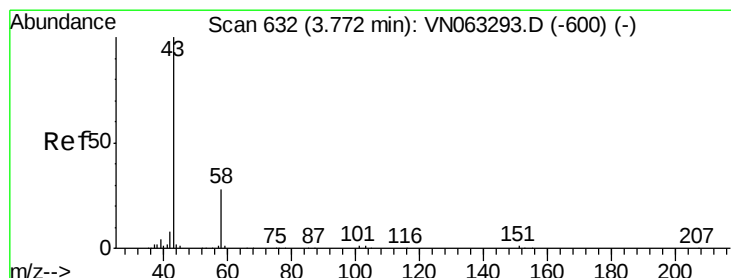
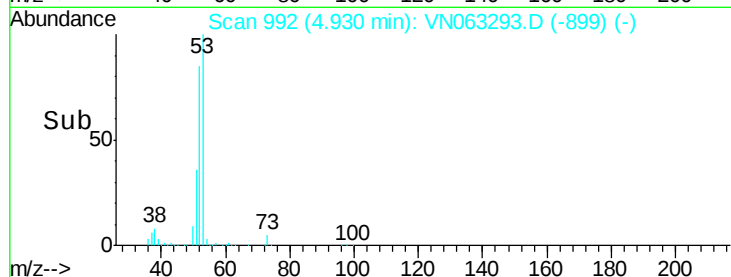
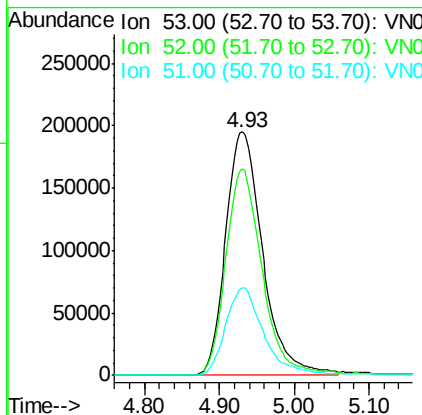
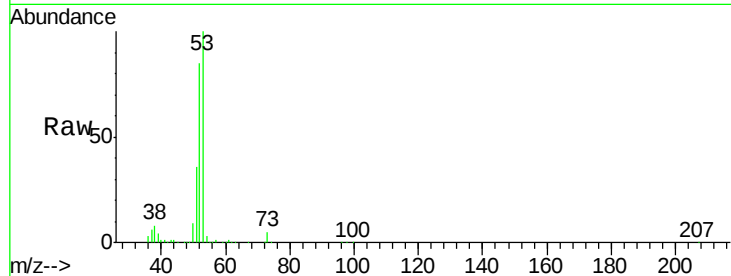
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	669842
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.5	99.7
51	37.2	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 276.498 ug/l

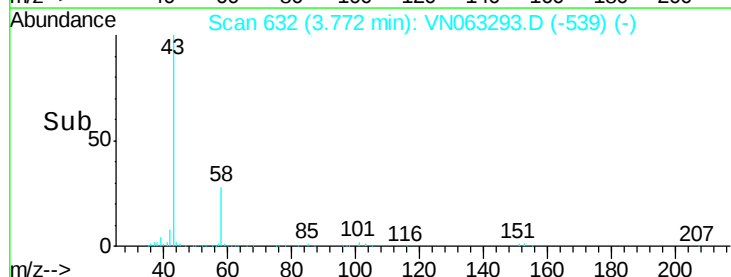
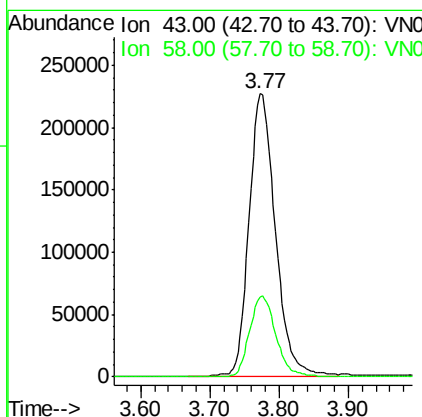
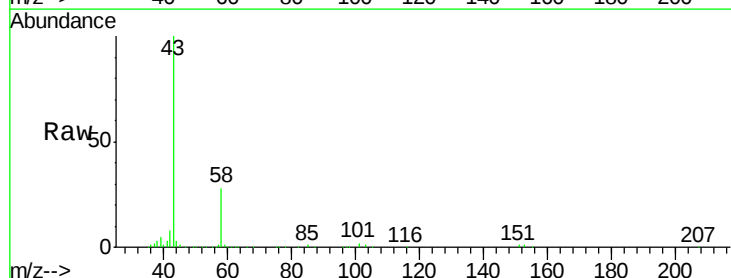
RT: 3.77 min Scan# 632

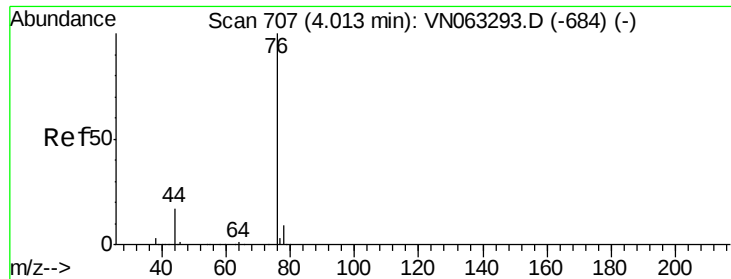
Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Tgt Ion:	43	Resp:	599235
Ion	Ratio	Lower	Upper
43	100		
58	28.3	22.6	34.0





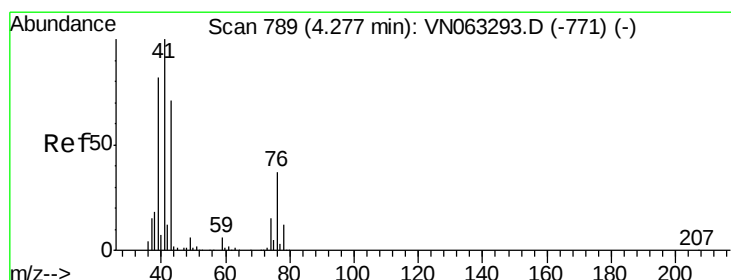
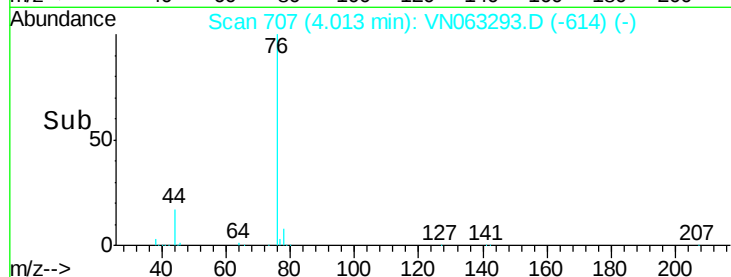
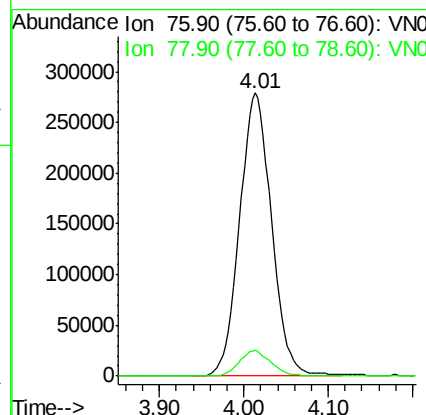
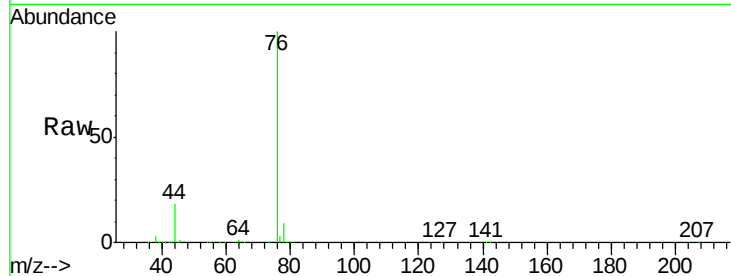
#17
Carbon Disulfide
Concen: 49.098 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

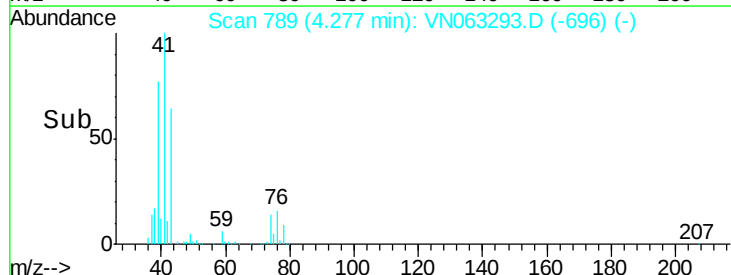
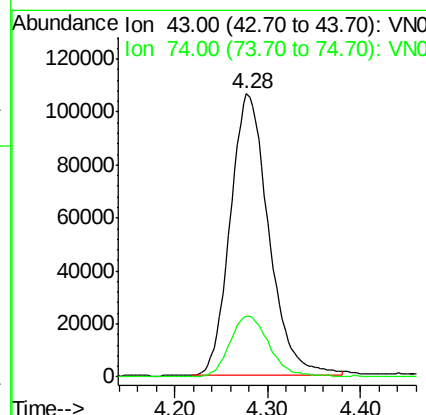
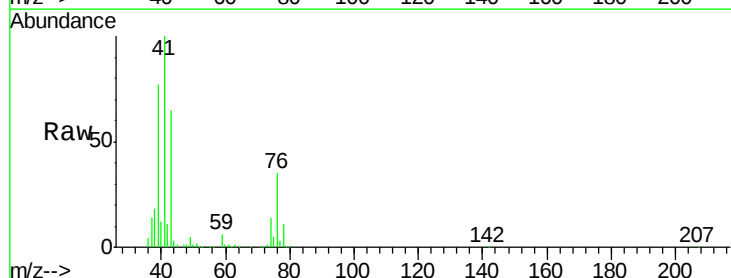
Manual Integrations
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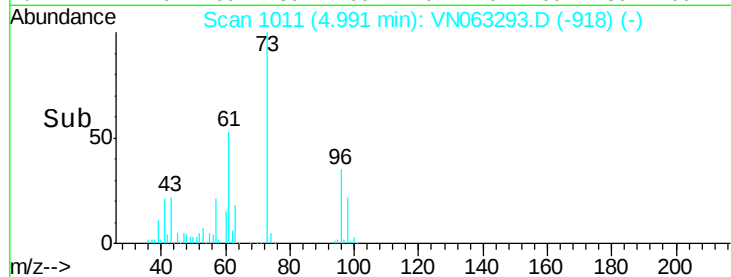
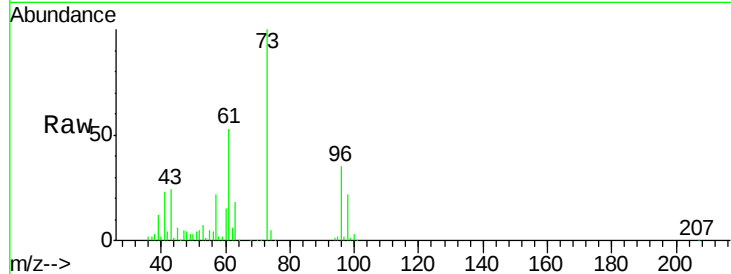
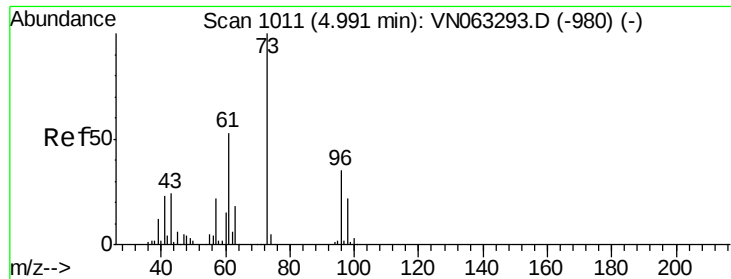
MMDadoda
9/11/2020 2:02:27 PM



#18
Methyl Acetate
Concen: 55.545 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.2	17.8	26.6





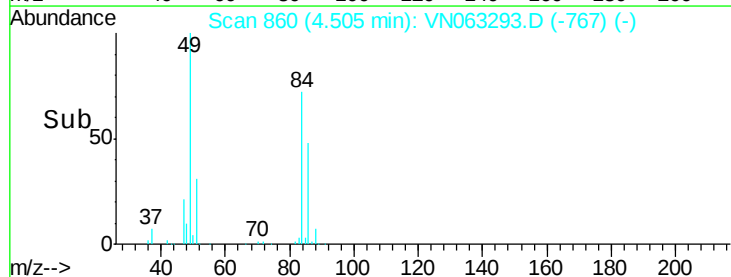
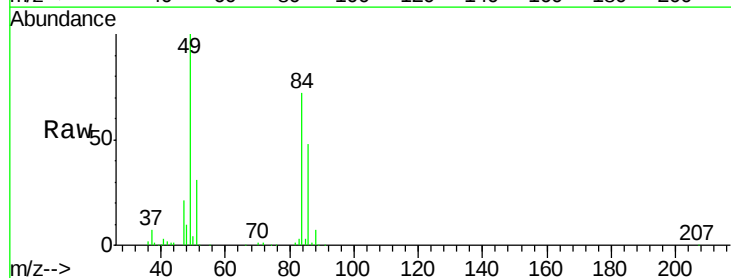
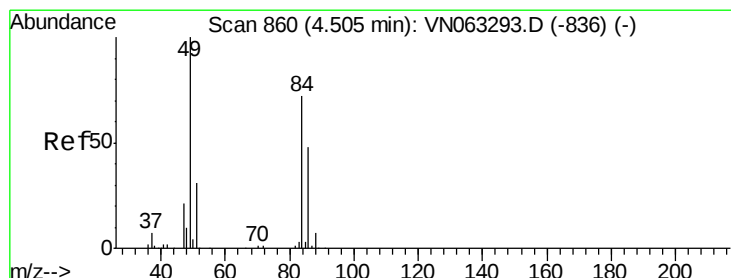
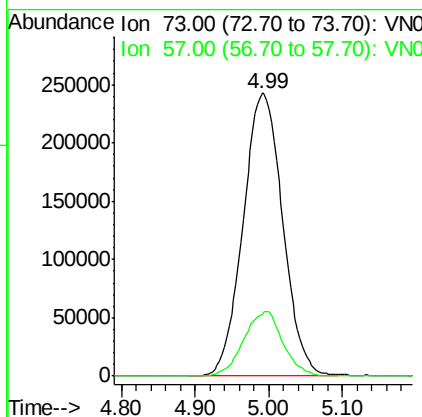
#19
Methyl tert-butyl Ether
Concen: 49.066 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Tot Ion: 73 Resp: 908634
Ion Ratio Lower Upper
73 100
57 21.9 17.5 26.3

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

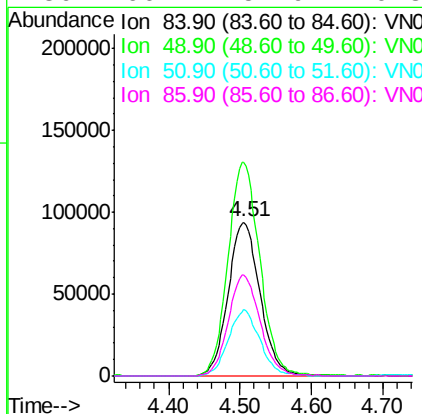
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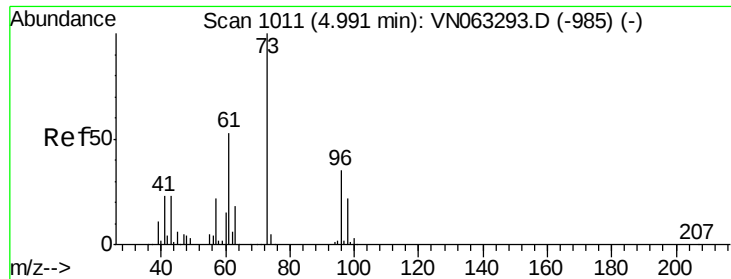
MMDadoda
9/11/2020 2:02:27 PM



#20
Methylene Chloride
Concen: 45.299 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Tgt Ion: 84 Resp: 291550
Ion Ratio Lower Upper
84 100
49 138.9 111.1 166.7
51 42.9 34.3 51.5
86 66.1 52.9 79.3





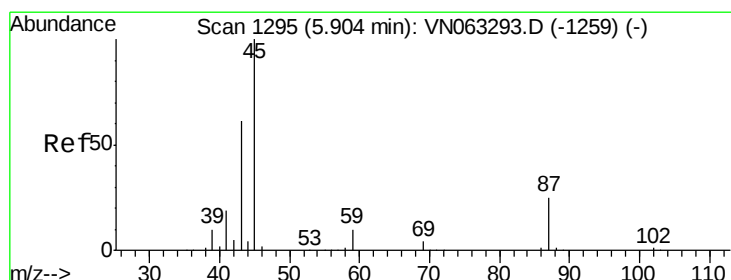
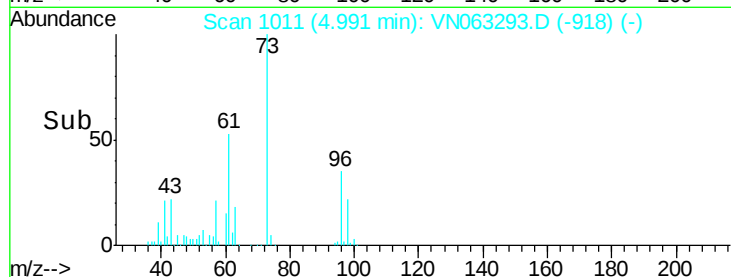
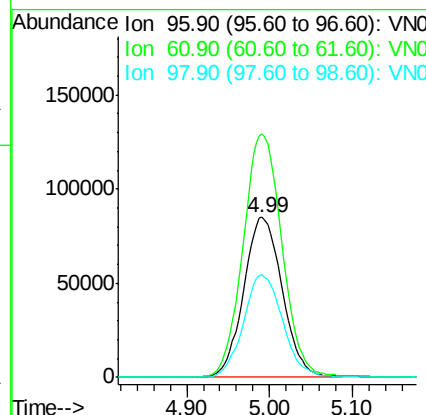
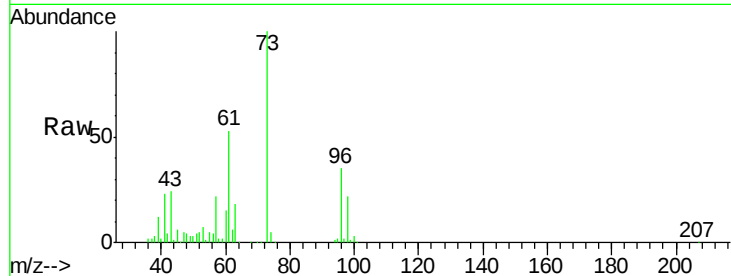
#21
trans-1,2-Dichloroethene
Concen: 49.905 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.3	121.8	182.8
98	64.0	51.2	76.8

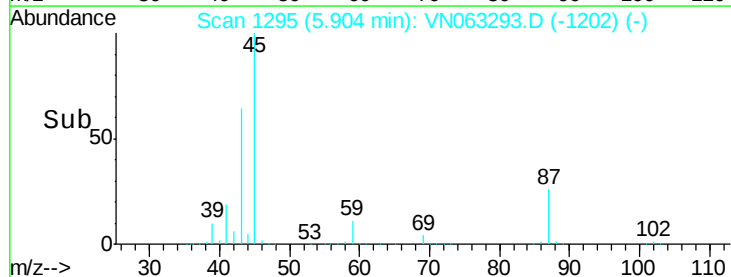
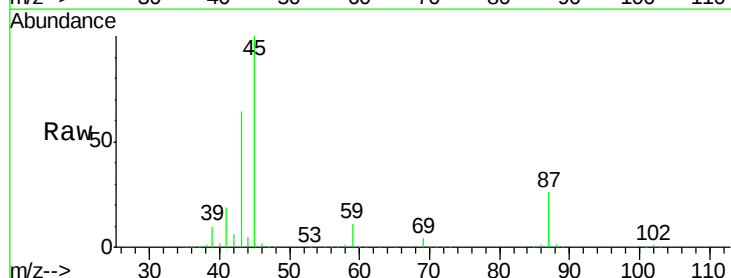
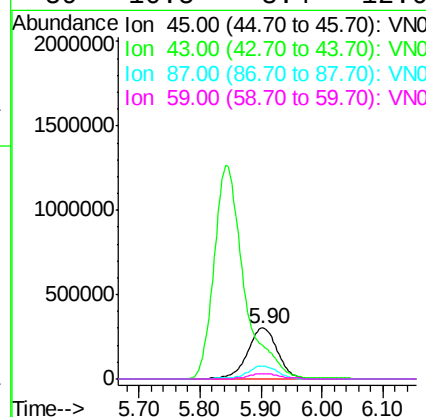
Manual Integrations
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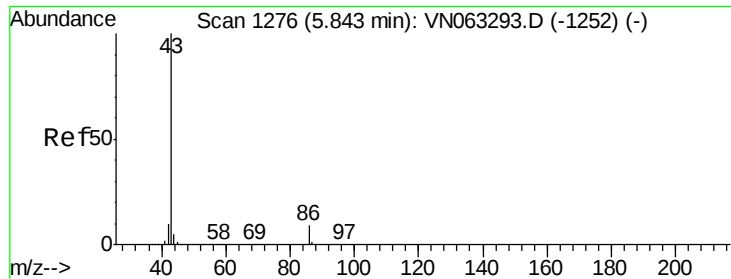
MMDadoda
9/11/2020 2:02:27 PM



#22
Diisopropyl ether
Concen: 51.722 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Tgt Ion	Ratio	Lower	Upper
45	100		
43	62.9	50.3	75.5
87	25.9	20.7	31.1
59	10.5	8.4	12.6





#23

Vinyl Acetate

Concen: 271.998 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 4342202

Ion Ratio Lower Upper

43 100

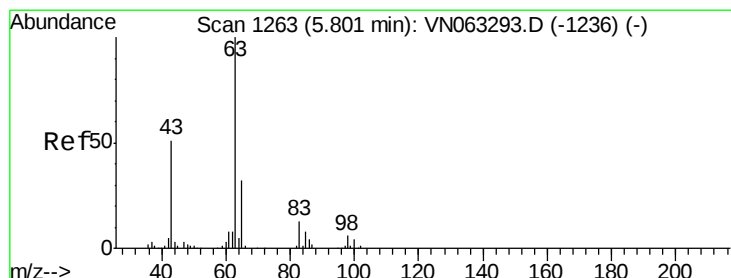
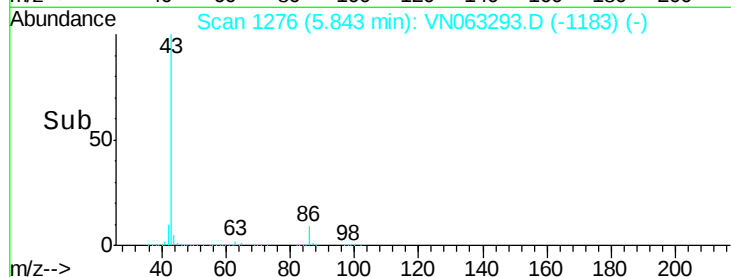
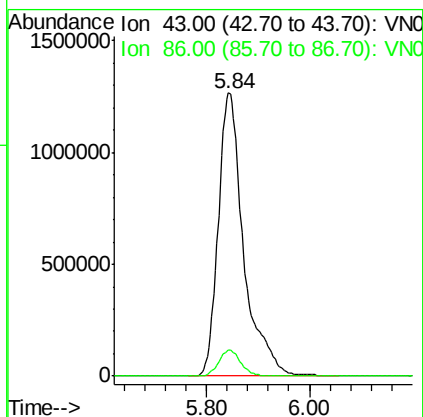
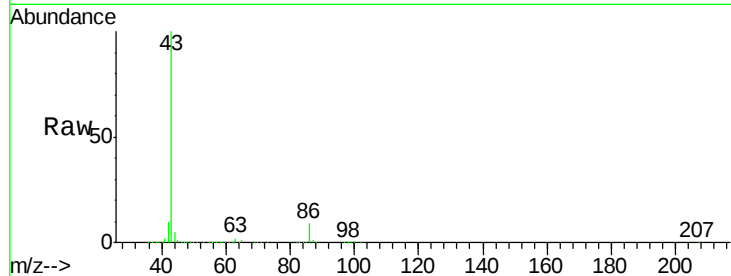
86 9.0 7.2 10.8

Manual Integrations

APPROVED

MMDadoda

9/11/2020 2:02:27 PM



#24

1,1-Dichloroethane

Concen: 50.027 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

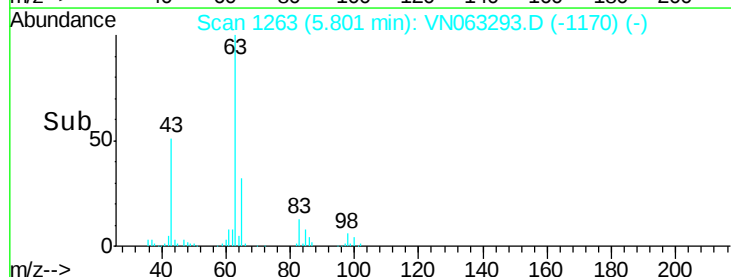
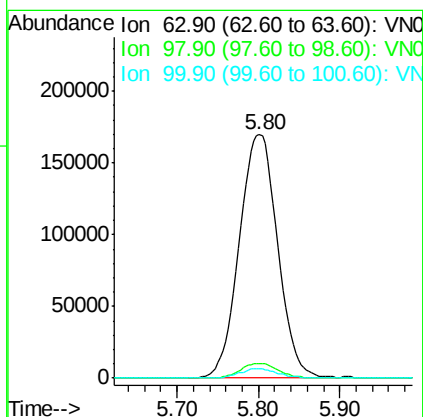
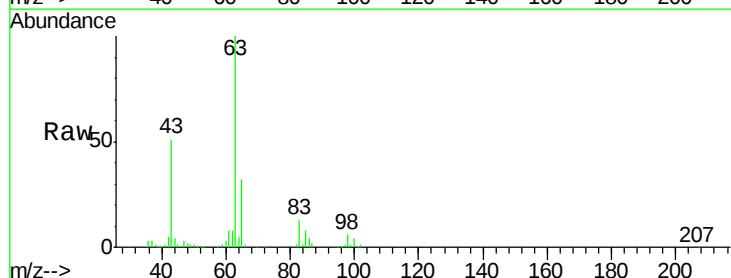
Tgt Ion: 63 Resp: 550941

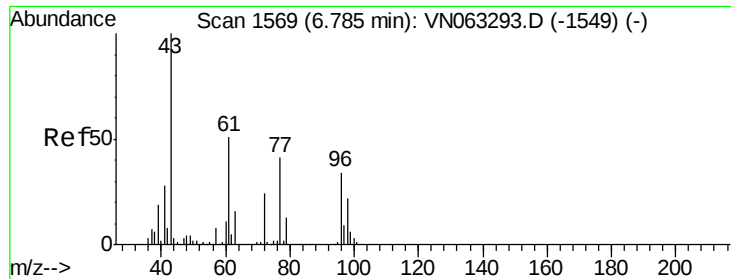
Ion Ratio Lower Upper

63 100

98 6.2 3.1 9.3

100 4.0 2.0 6.0





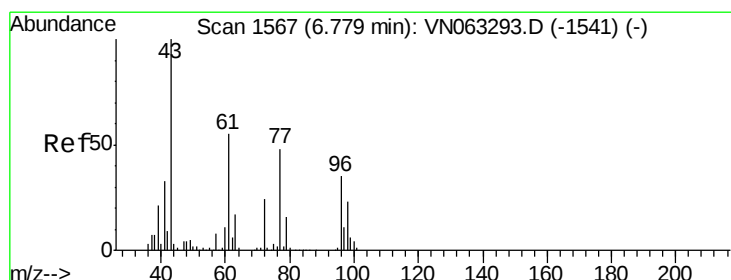
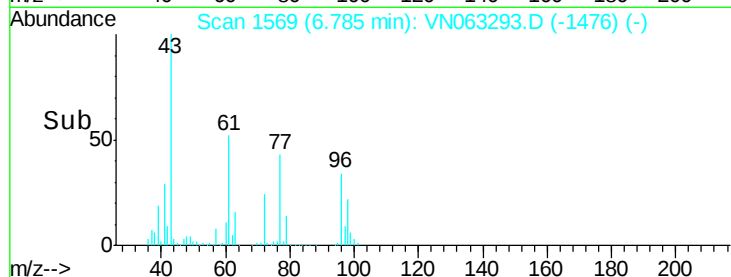
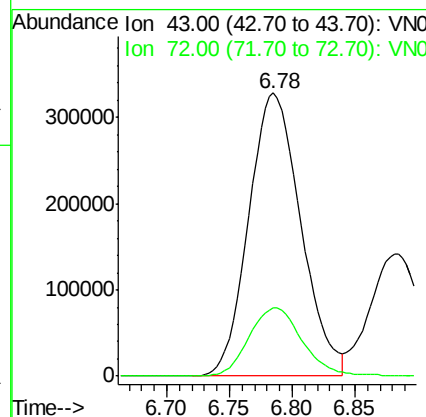
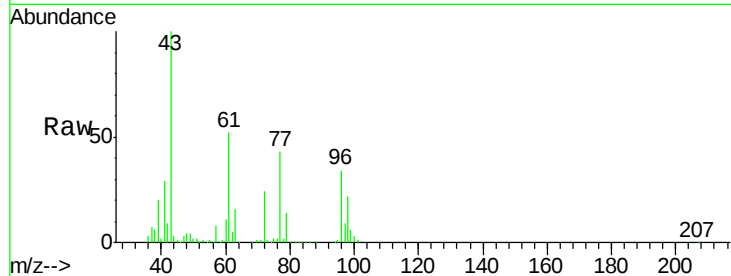
#25
2-Butanone
Concen: 283.081 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion: 43 Resp: 943062
Ion Ratio Lower Upper
43 100
72 24.3 19.4 29.2

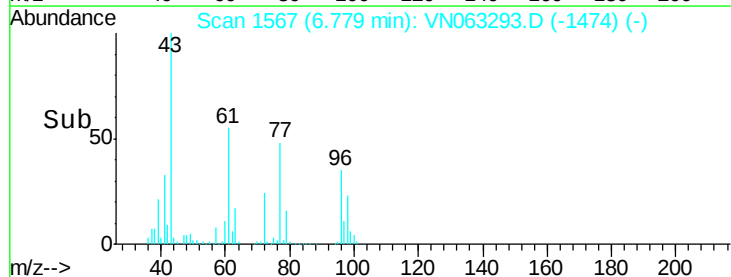
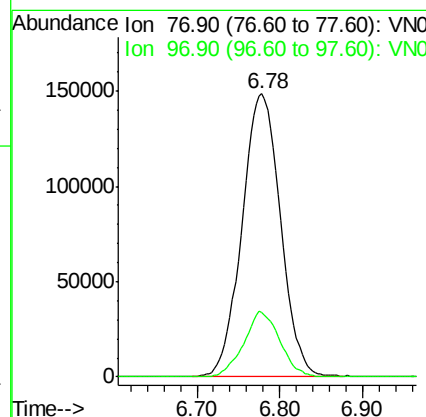
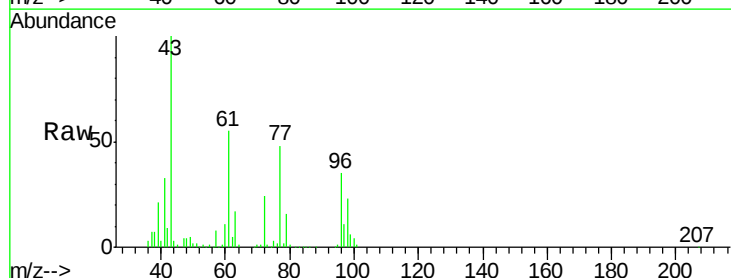
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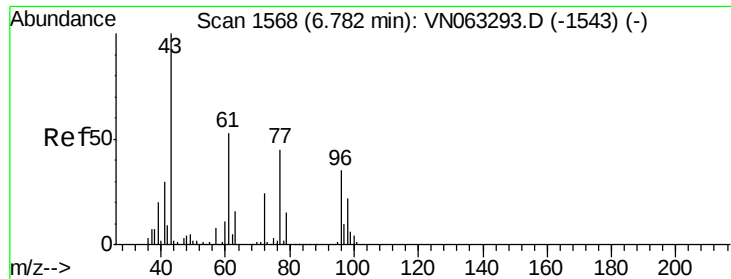
MMDadoda
9/11/2020 2:02:27 PM



#26
2,2-Dichloropropane
Concen: 47.984 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Tgt Ion: 77 Resp: 479633
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 48.133 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

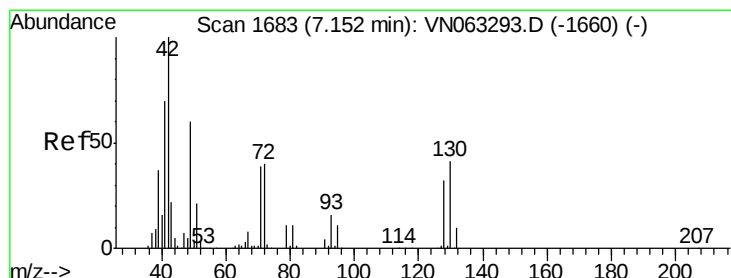
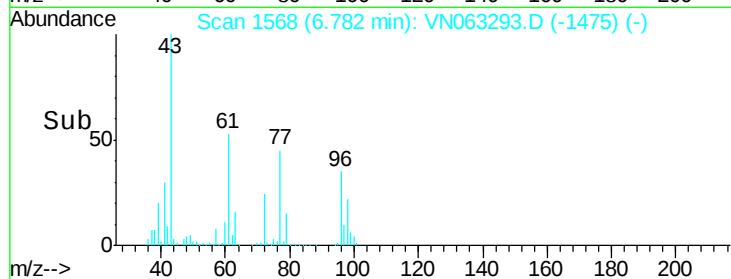
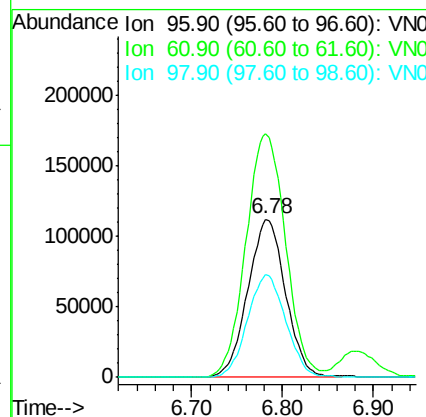
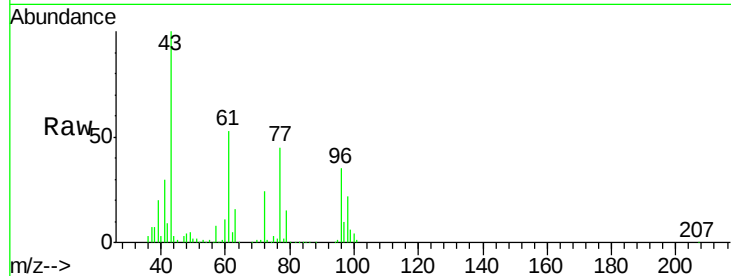
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	322795
Ion	Ratio	Lower	Upper
96	100		
61	161.4	0.0	322.8
98	66.1	0.0	132.2

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#28

Bromochloromethane

Concen: 45.850 ug/l

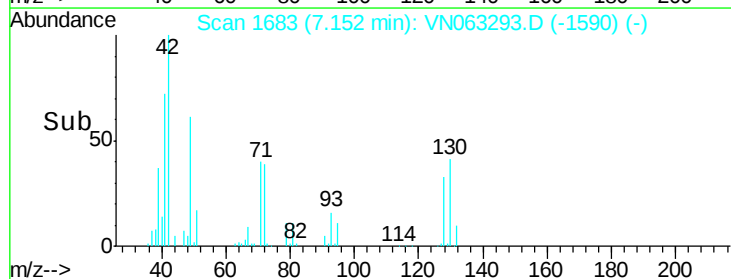
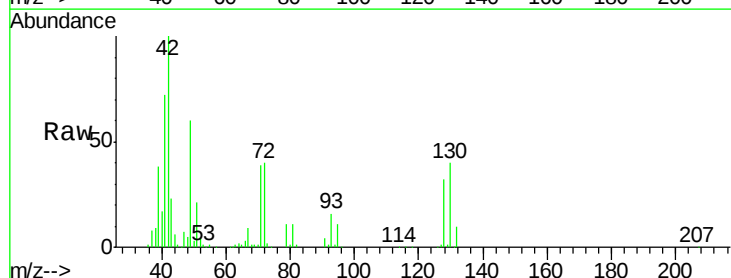
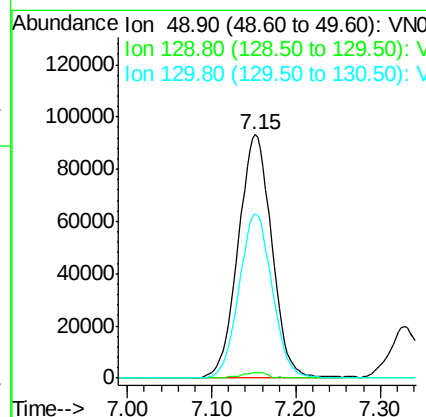
RT: 7.15 min Scan# 1683

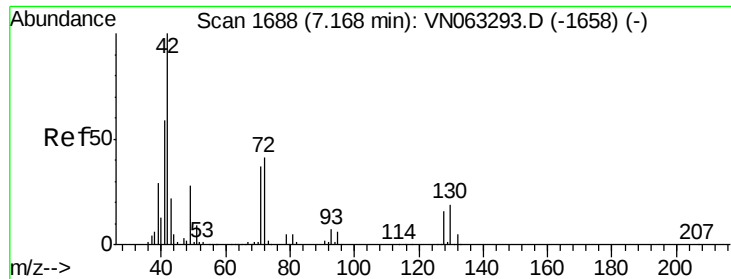
Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Tgt Ion:	49	Resp:	258522
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	66.4	53.1	79.7





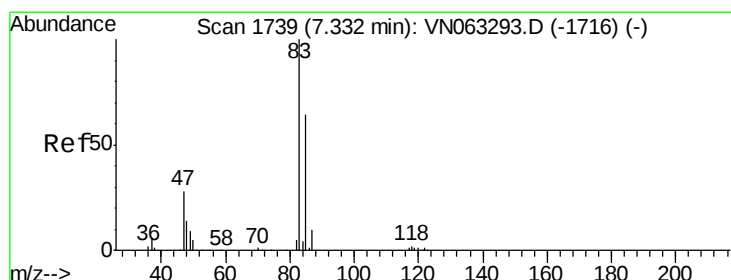
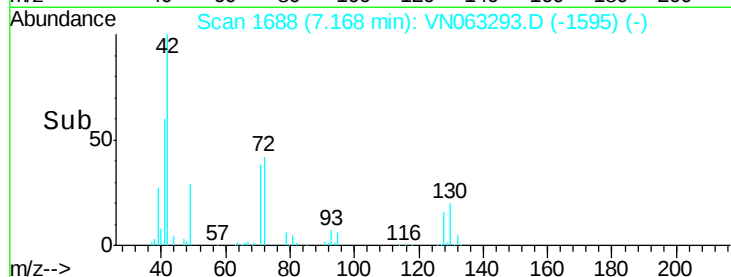
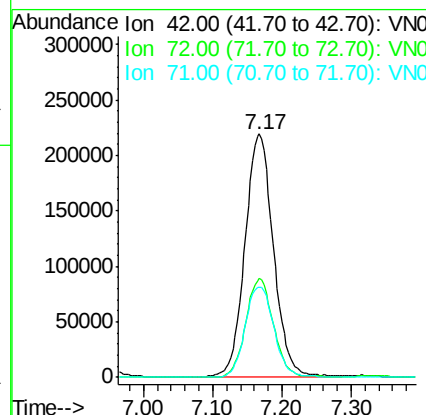
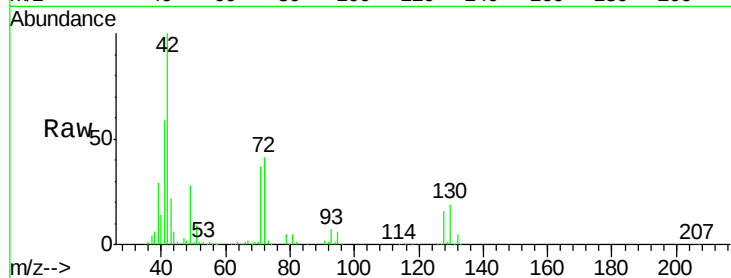
#29
Tetrahydrofuran
Concen: 273.316 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.3	31.4	47.2
71	37.5	30.0	45.0

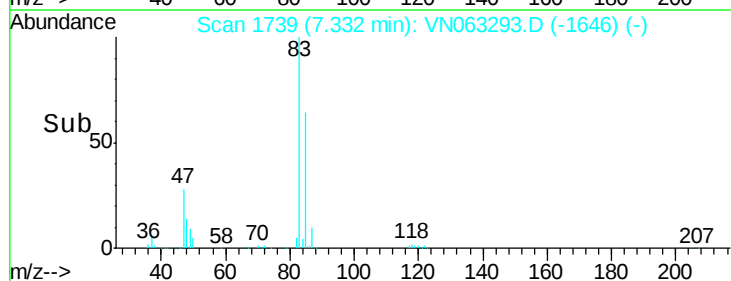
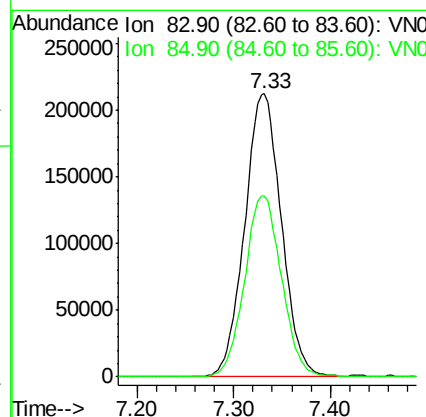
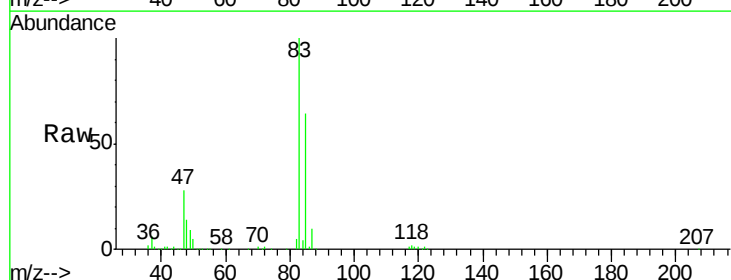
Manual Integrations
APPROVED

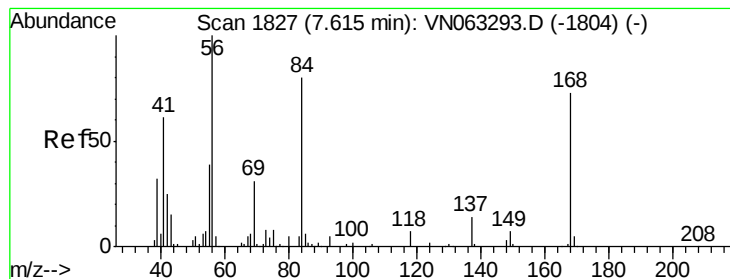
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#30
Chloroform
Concen: 48.744 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.2	76.8





#31

Cyclohexane

Concen: 47.958 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

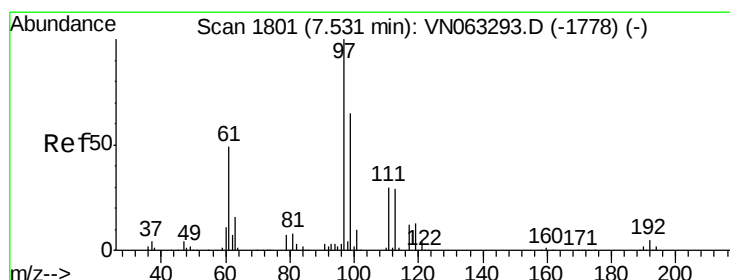
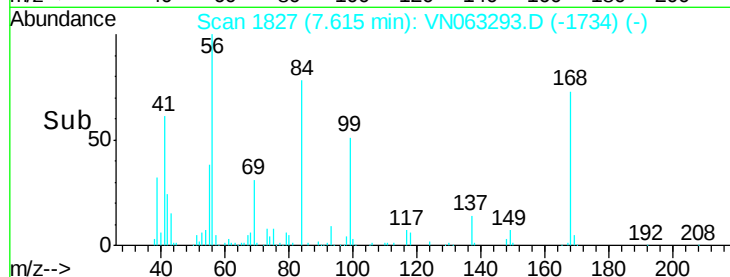
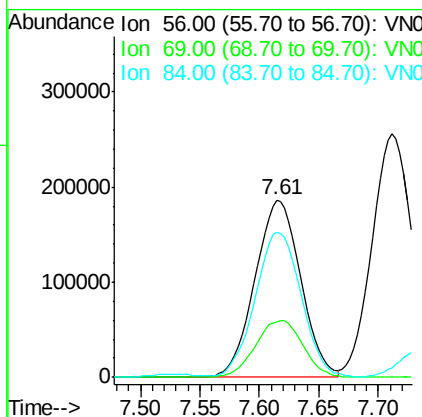
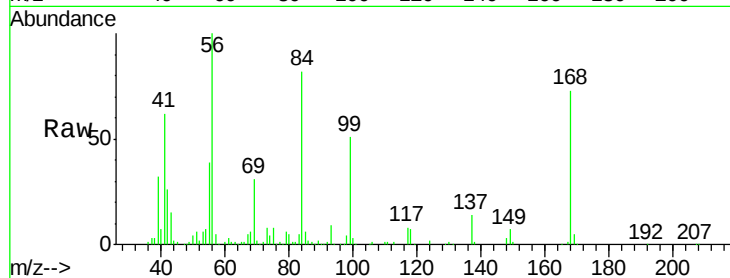
ClientSampleId :

VSTDICCC050

Tot Ion:	56	Resp:	496385
Ion Ratio	Lower	Upper	
56	100		
69	31.4	25.1	37.7
84	80.2	64.2	96.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.234 ug/l

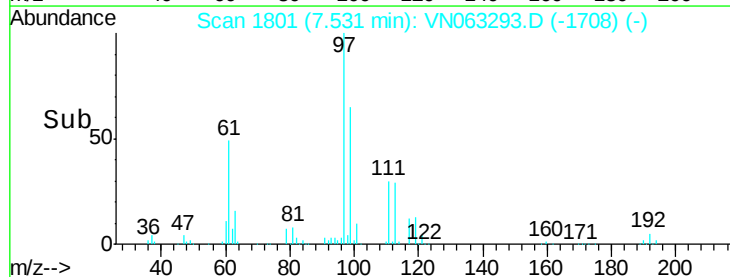
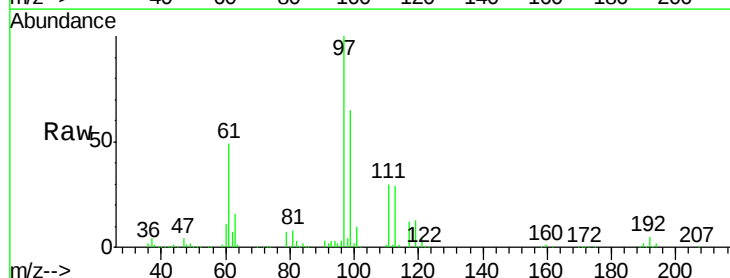
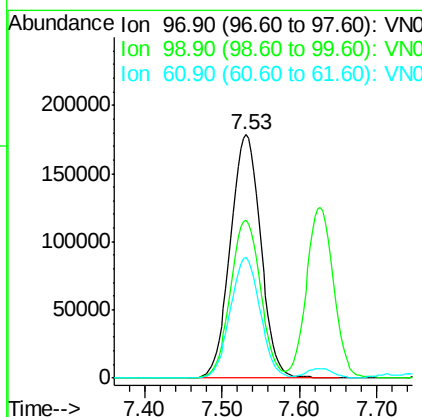
RT: 7.53 min Scan# 1801

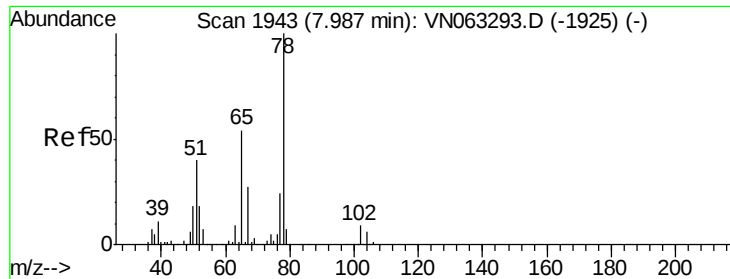
Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Tgt Ion:	97	Resp:	485498
Ion Ratio	Lower	Upper	
97	100		
99	64.3	51.4	77.2
61	48.6	38.9	58.3





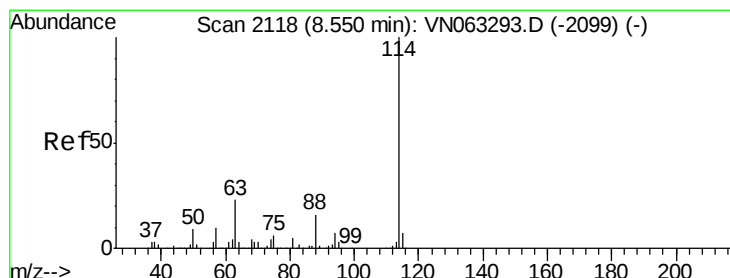
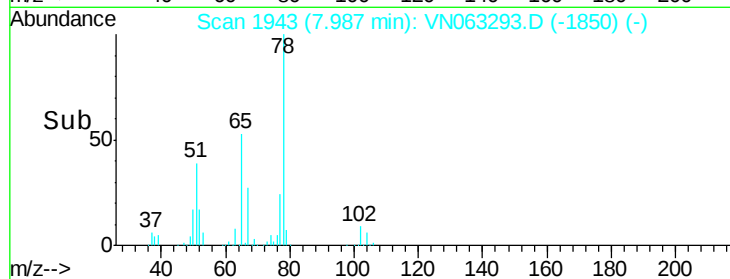
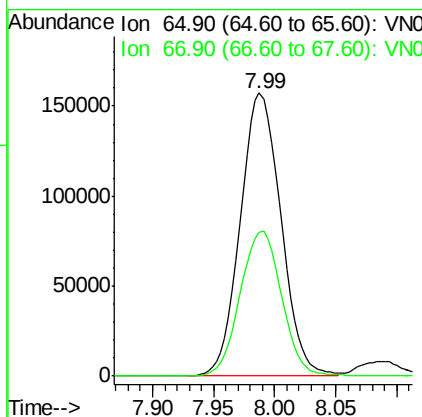
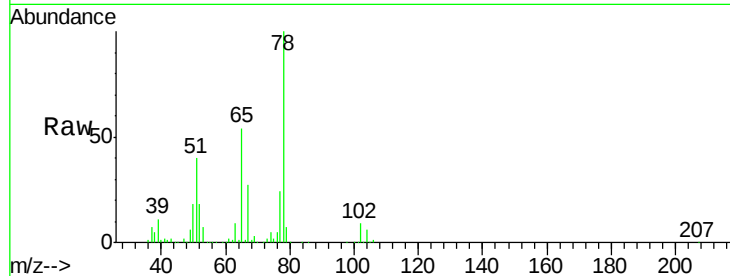
#33
 1,2-Dichloroethane-d4
 Concen: 48.944 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	104.6

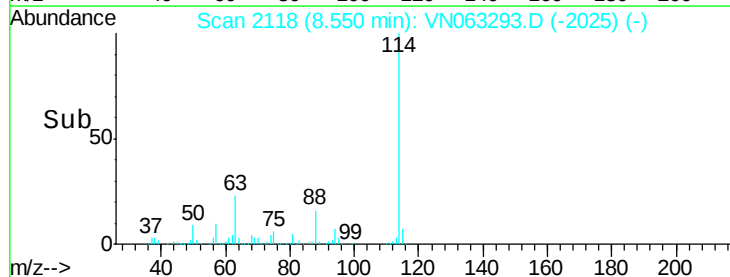
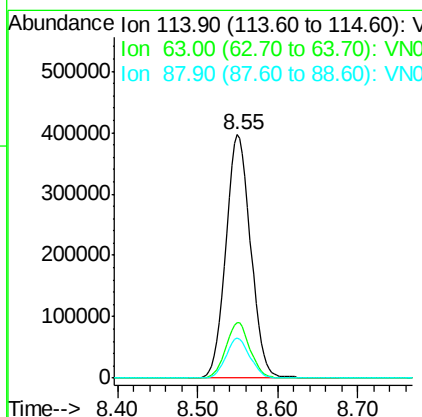
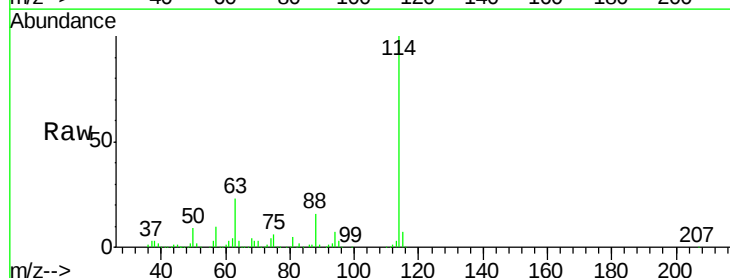
Manual Integrations
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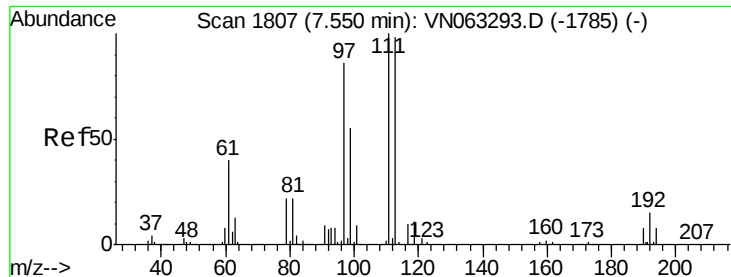
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	46.0
88	16.4	0.0	32.8





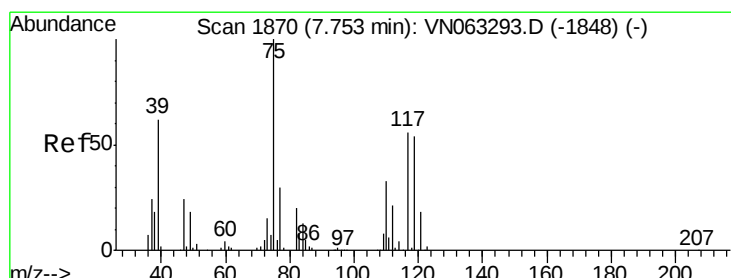
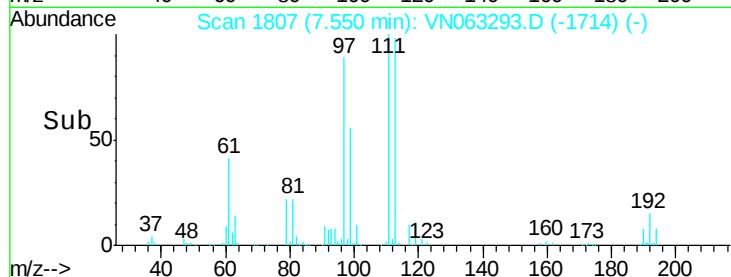
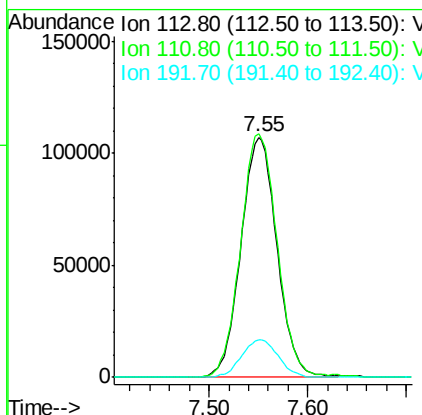
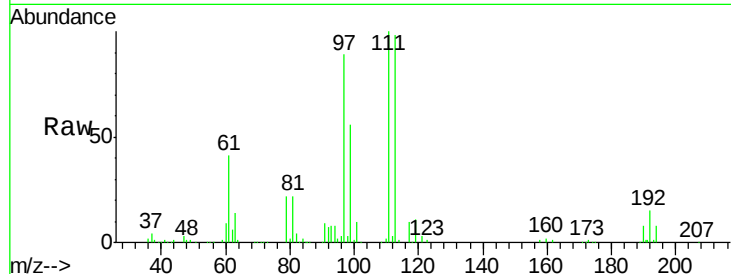
#35
 Dibromofluoromethane
 Concen: 50.683 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	270522		
111	102.7		82.2	123.2
192	16.1		12.9	19.3

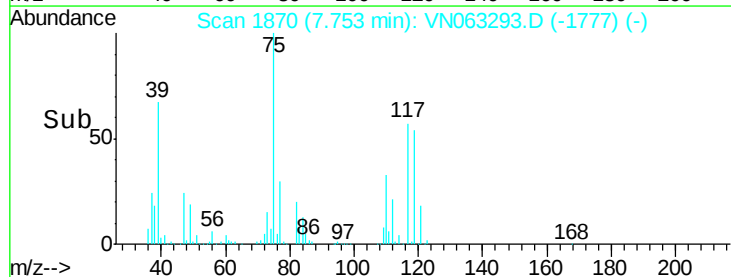
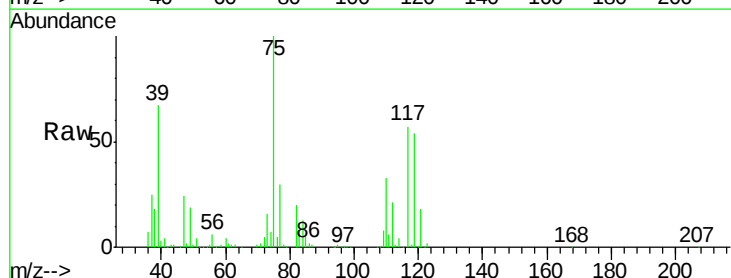
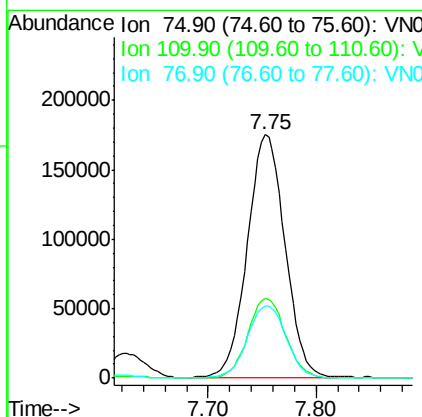
Manual Integrations
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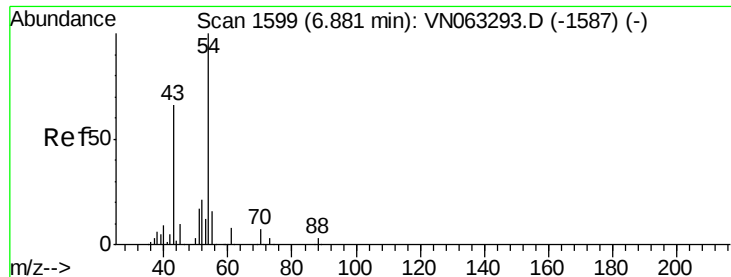
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#36
 1,1-Dichloropropene
 Concen: 52.458 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	423487		
110	32.9		16.4	49.4
77	31.0		24.8	37.2





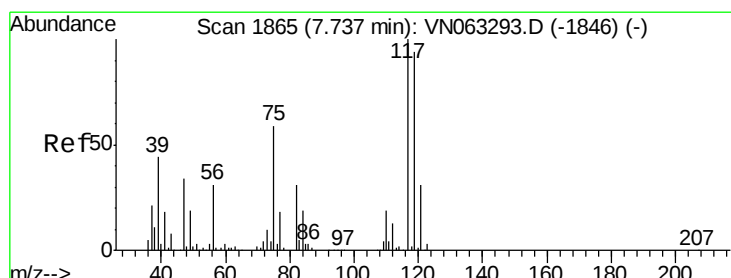
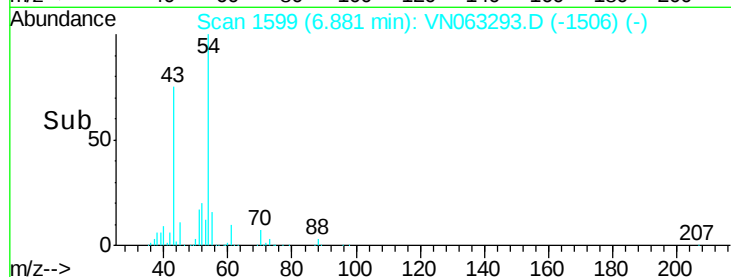
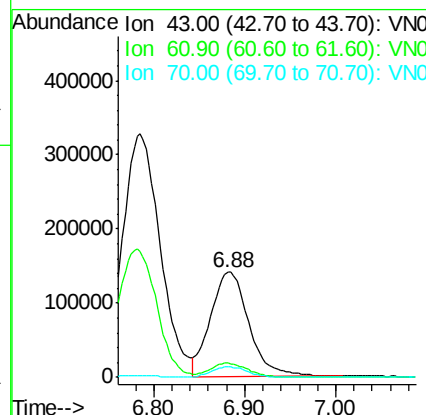
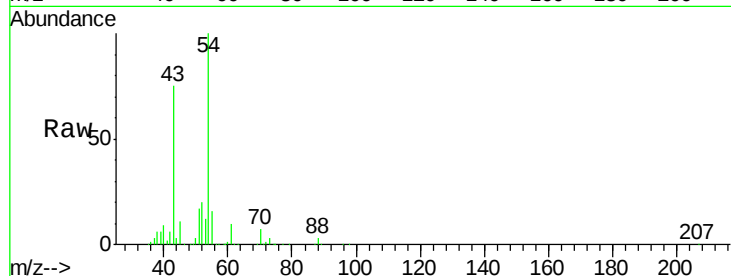
#37
Ethyl Acetate
Concen: 59.790 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.1	15.1
70	9.3	7.4	11.2

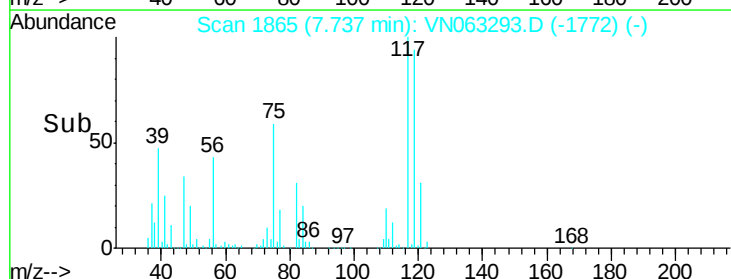
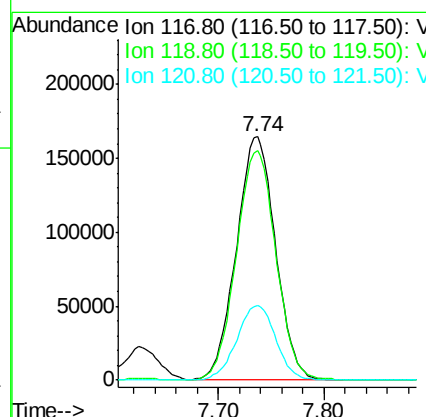
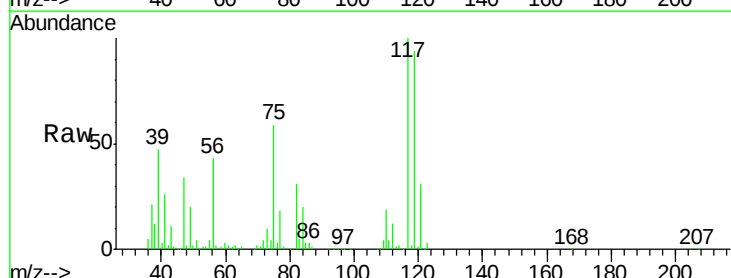
Manual Integrations
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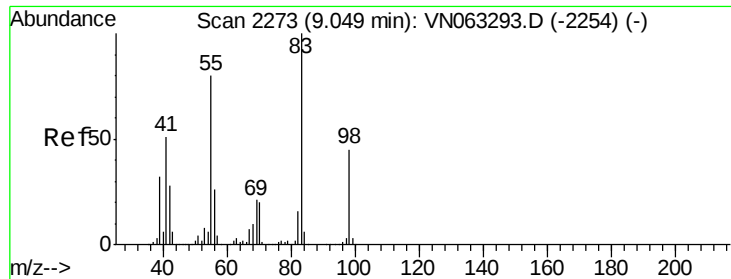
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#38
Carbon Tetrachloride
Concen: 51.872 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.3	112.9
121	30.8	24.6	37.0





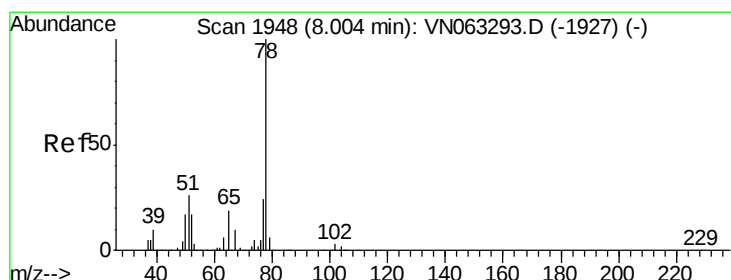
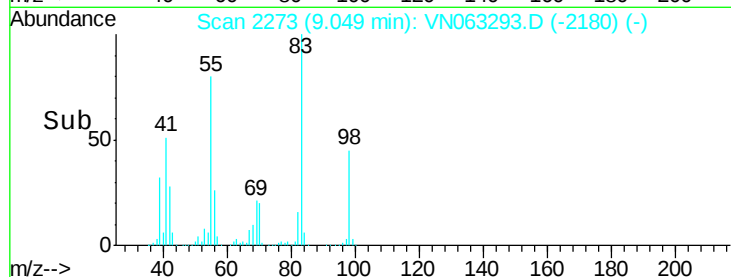
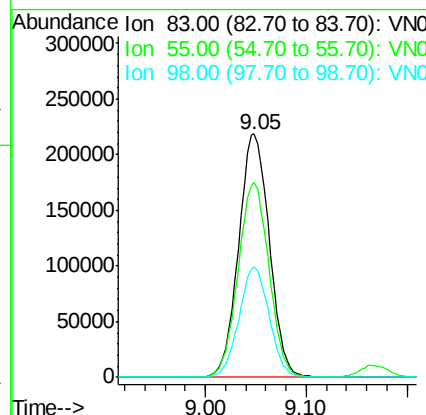
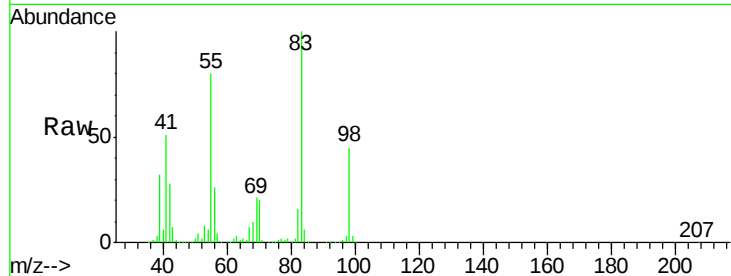
#39
Methvlcvclohexane
Concen: 51.208 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.0	64.0	96.0
98	45.5	36.4	54.6

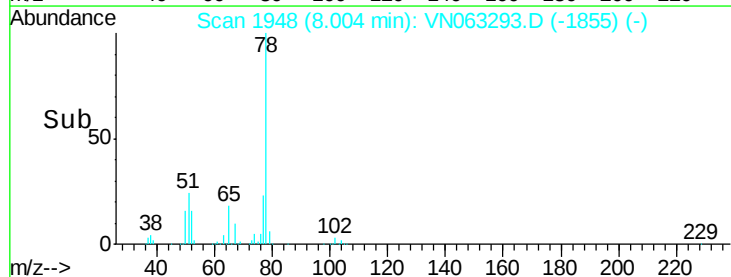
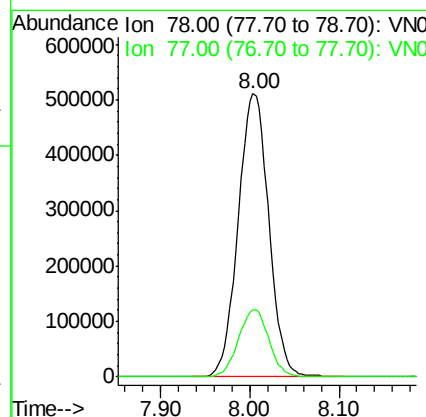
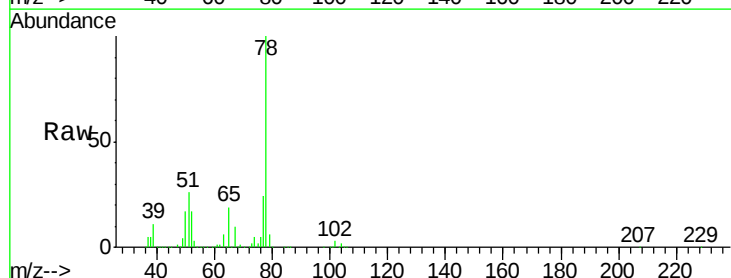
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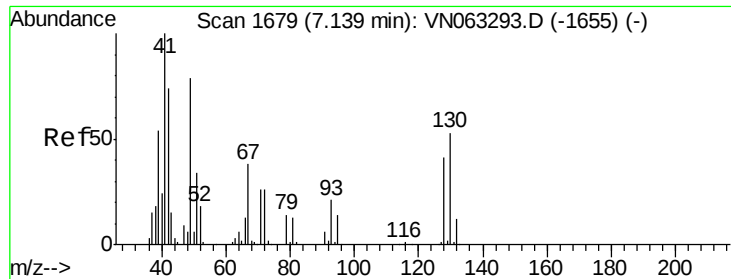
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#40
Benzene
Concen: 51.773 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2





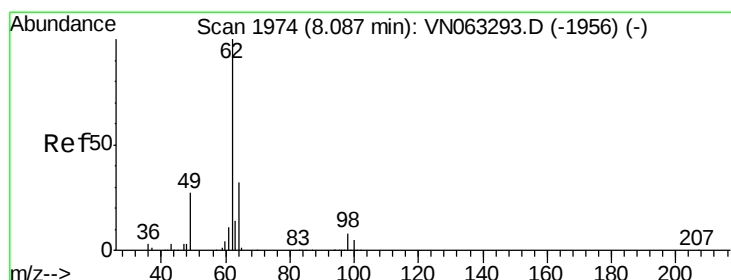
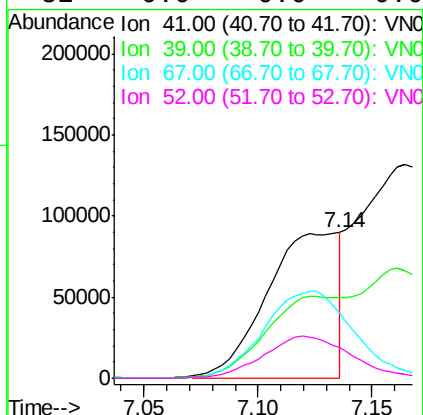
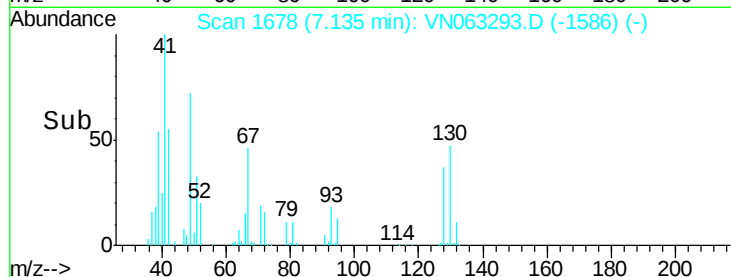
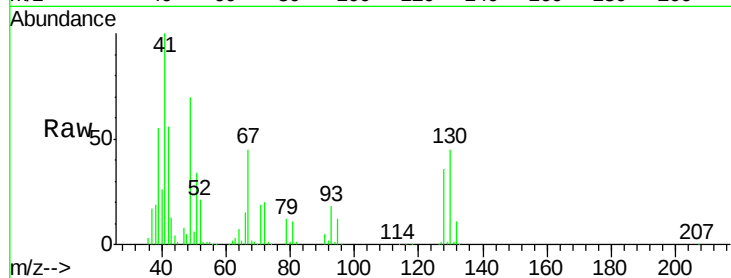
#41
Methacrylonitrile
Concen: 56.630 ug/l m
RT: 7.14 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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

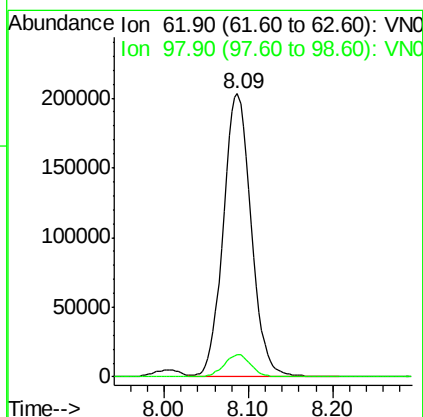
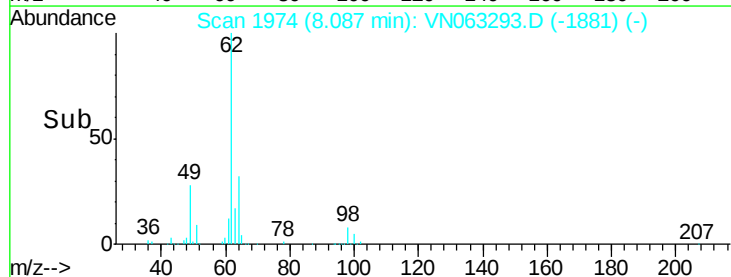
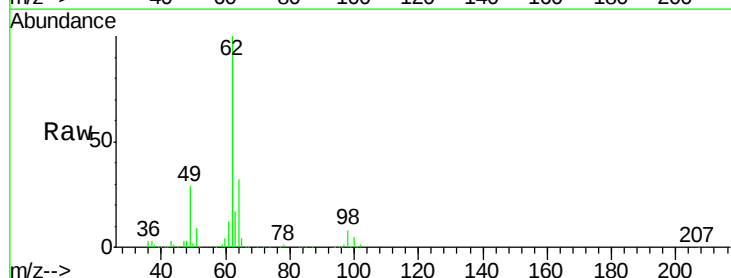
Manual Integrations
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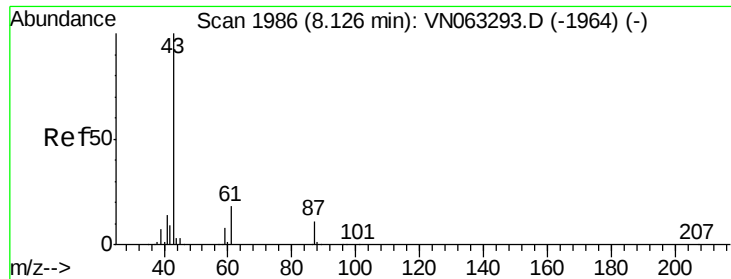
MMDadoda
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#42
1,2-Dichloroethane
Concen: 52.807 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.4





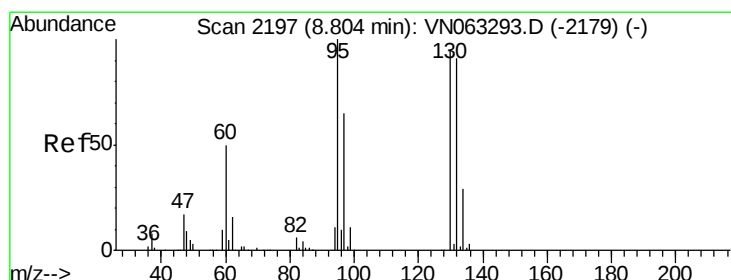
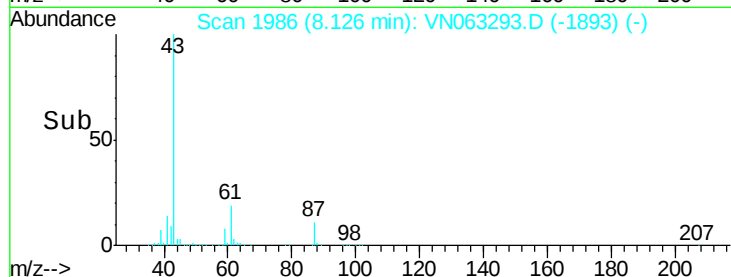
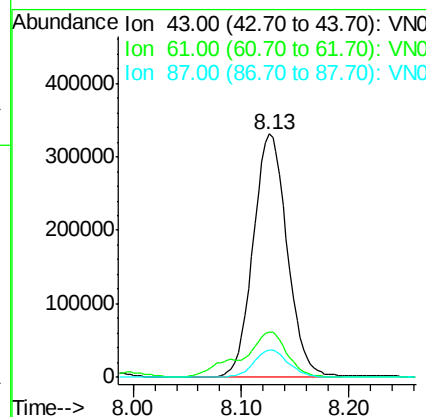
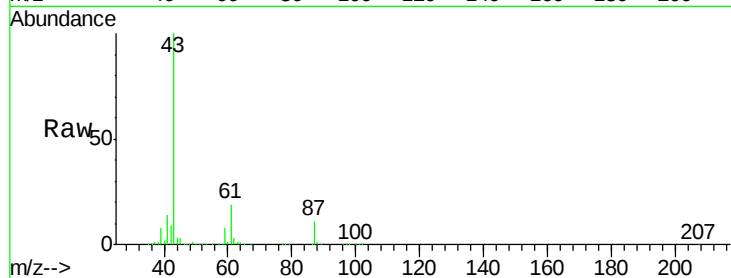
#43
Isopropyl Acetate
Concen: 54.820 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.1	22.7
87	11.5	9.2	13.8

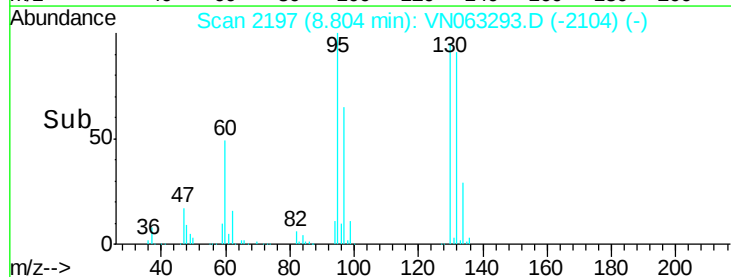
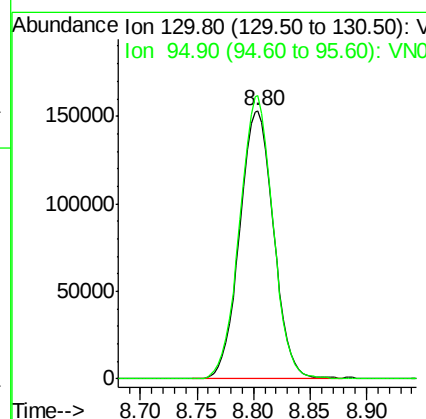
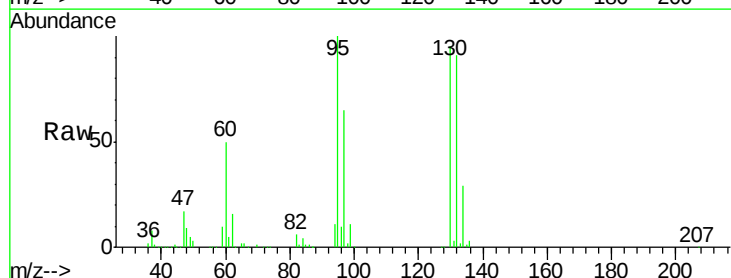
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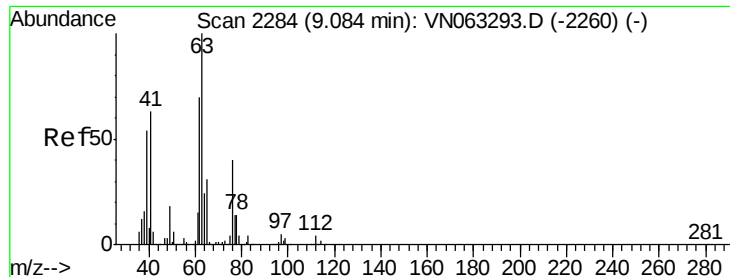
MMDadoda
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#44
Trichloroethene
Concen: 55.260 ug/l
RT: 8.80 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.4	0.0	210.8





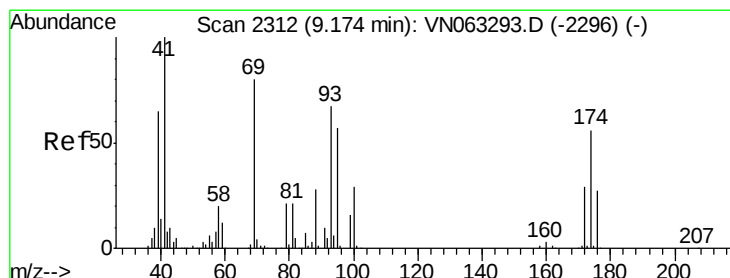
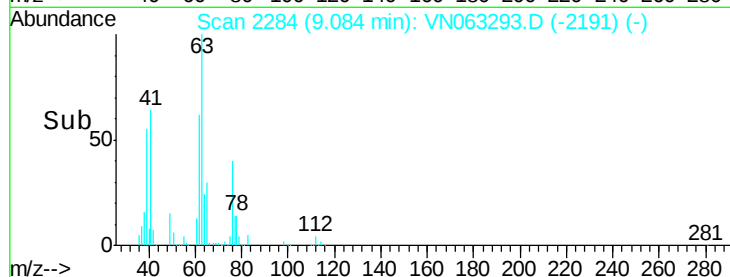
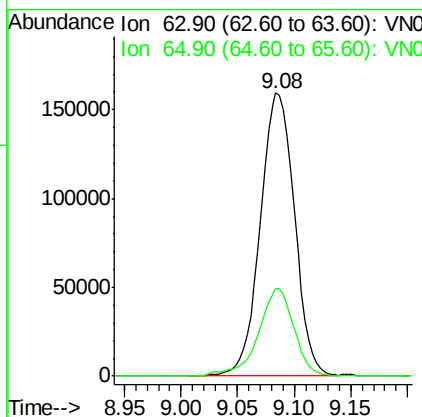
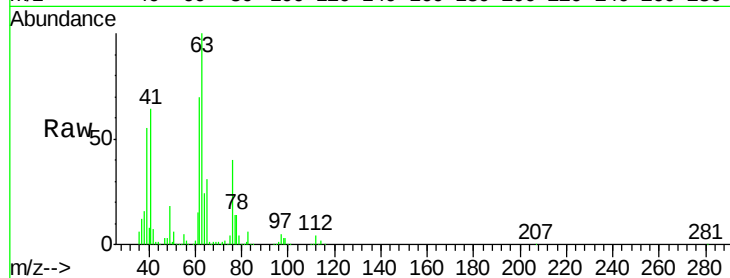
#45
 1,2-Dichloropropane
 Concen: 53.311 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.6	36.8

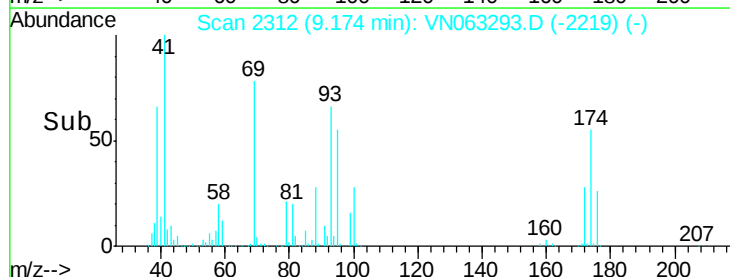
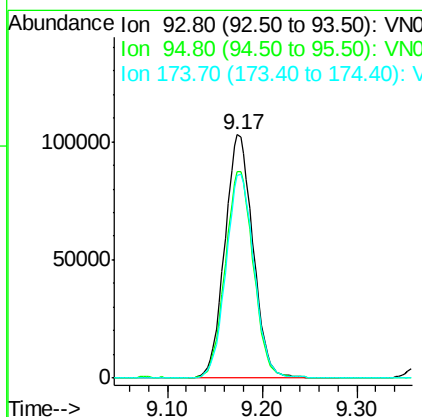
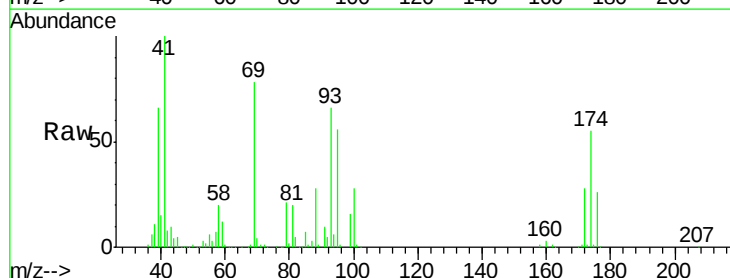
Manual Integrations
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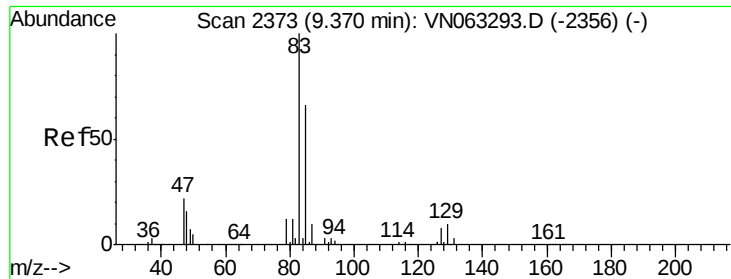
MMDadoda
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#46
 Dibromomethane
 Concen: 51.745 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.9	67.9	101.9
174	83.6	66.9	100.3





#47

Bromodichloromethane

Concen: 51.134 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

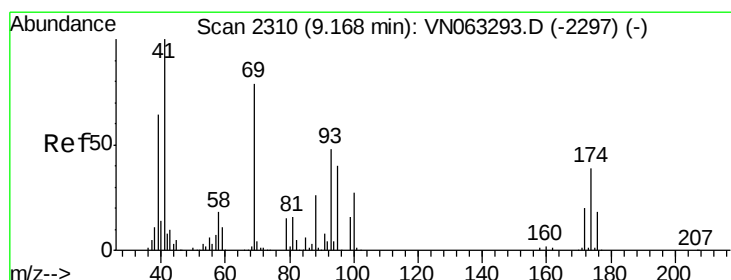
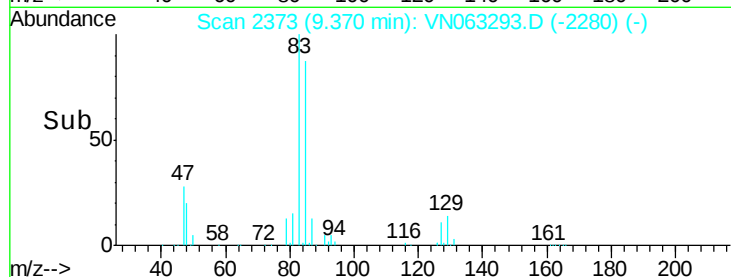
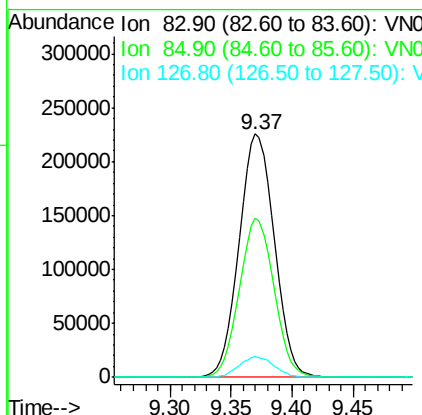
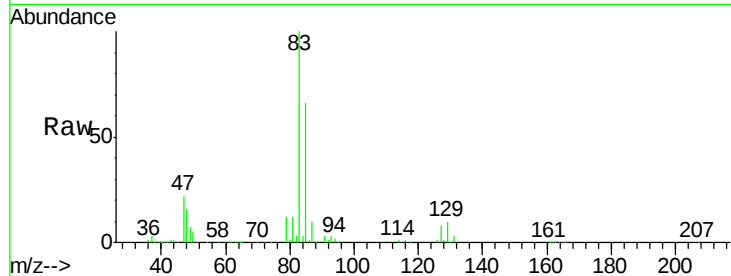
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	450984
Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.5	78.7
127	8.3	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 57.699 ug/l

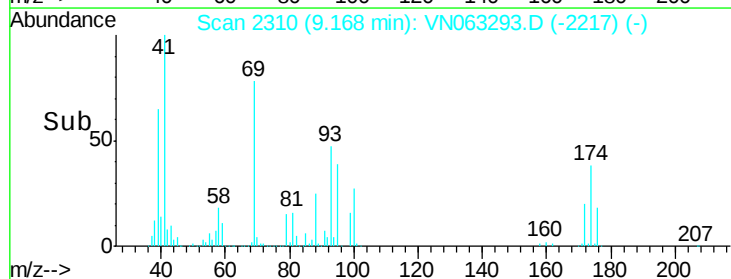
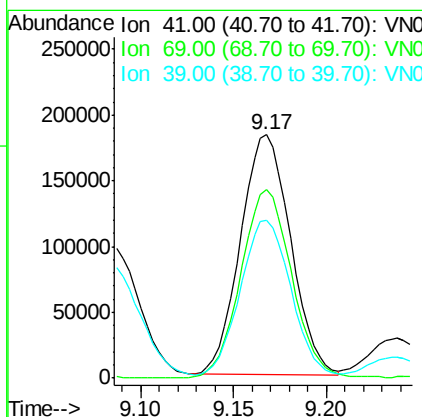
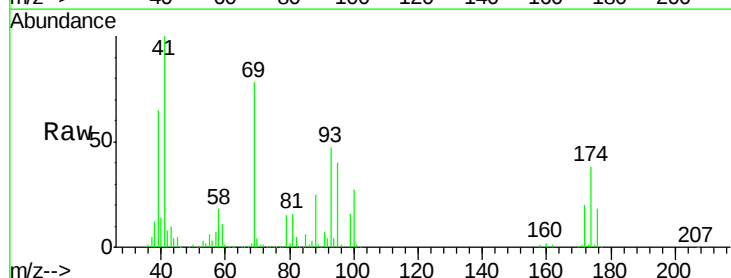
RT: 9.17 min Scan# 2310

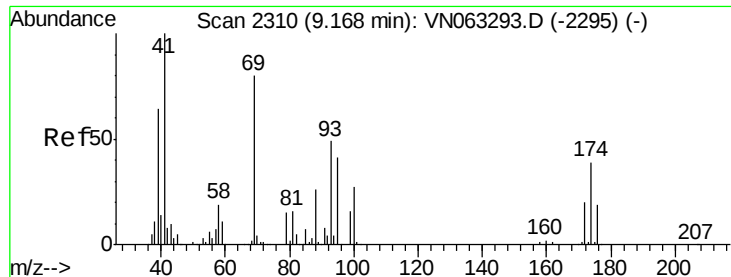
Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Tgt Ion:	41	Resp:	343546
Ion	Ratio	Lower	Upper
41	100		
69	79.5	63.6	95.4
39	66.5	53.2	79.8





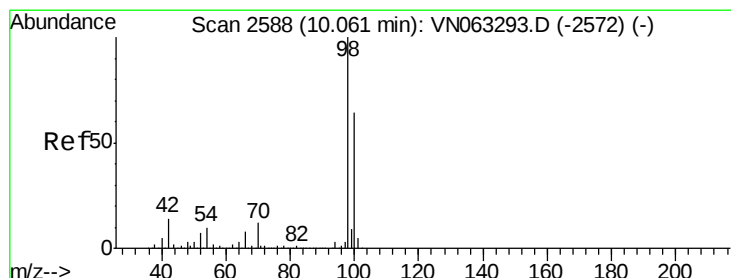
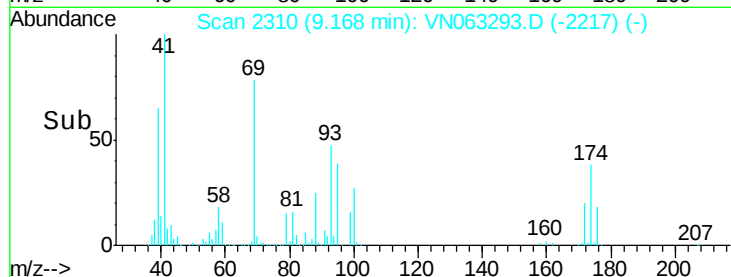
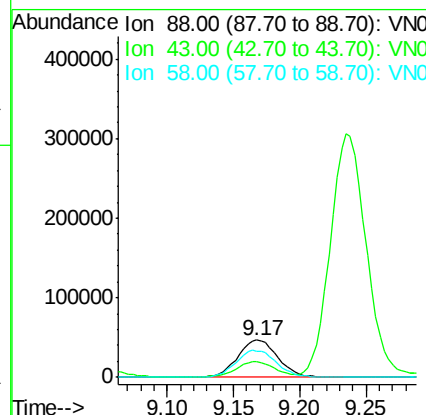
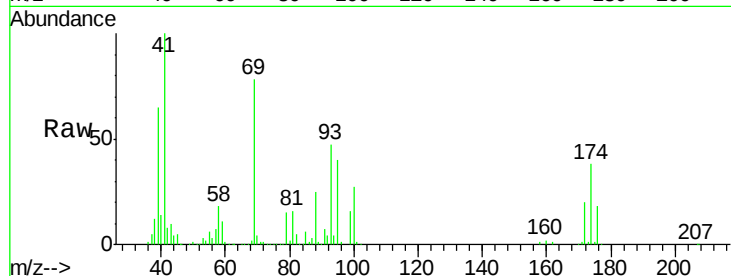
#49
1,4-Dioxane
Concen: 1079.272 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.1	30.5	45.7
58	73.6	58.9	88.3

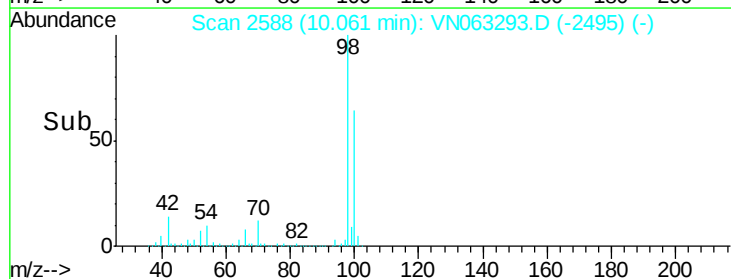
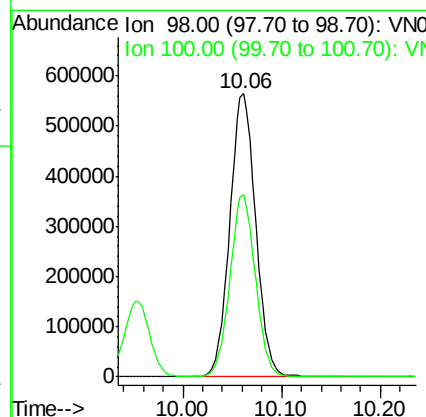
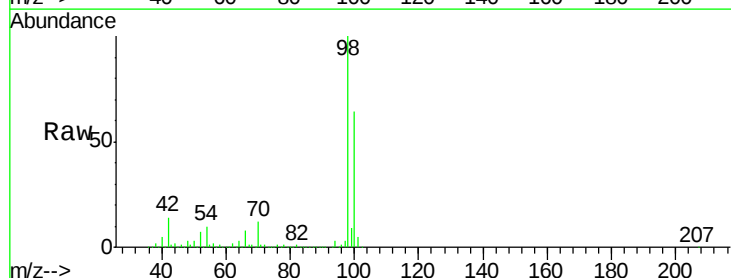
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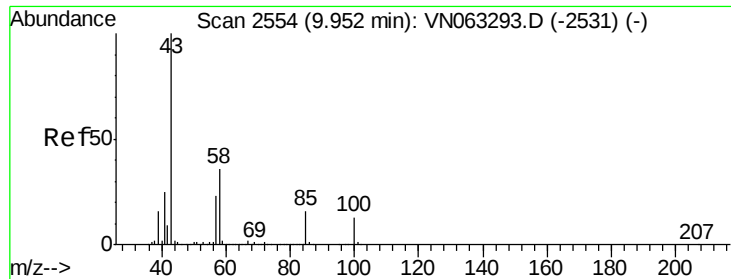
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#50
Toluene-d8
Concen: 50.516 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 288.083 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 2060587

Ion Ratio Lower Upper

43 100

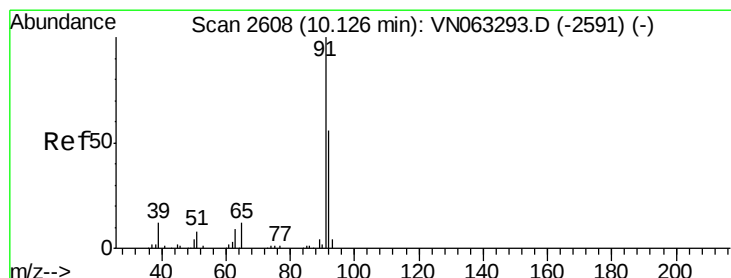
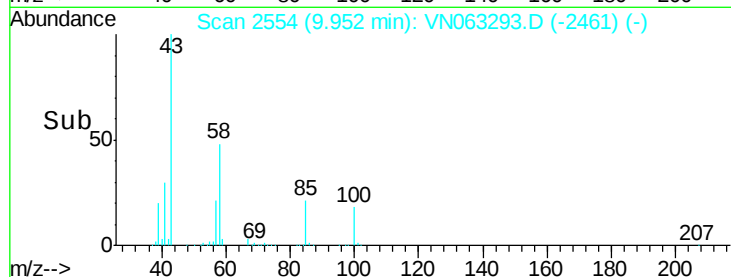
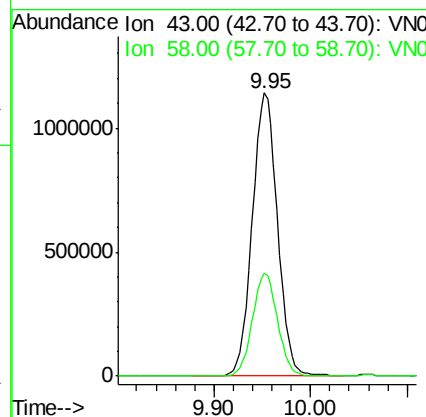
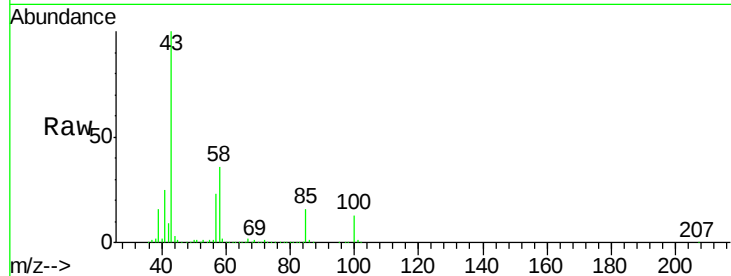
58 36.2 29.0 43.4

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#52

Toluene

Concen: 51.023 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063293.D

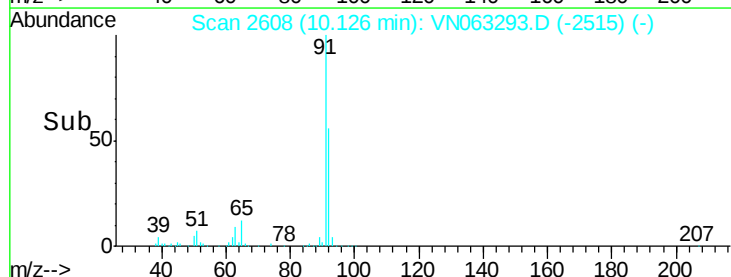
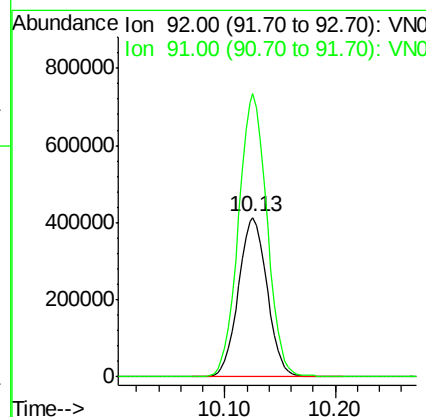
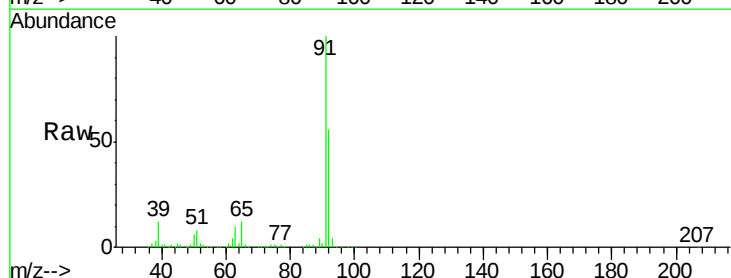
Acq: 10 Sep 2020 13:56

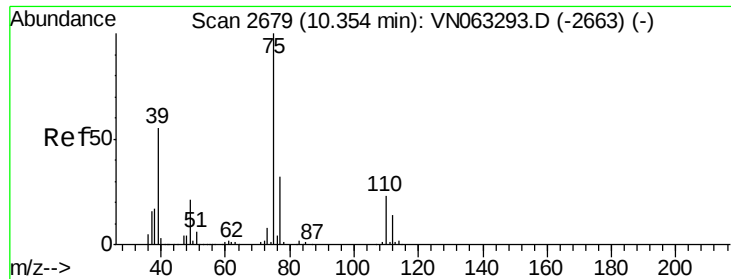
Tgt Ion: 92 Resp: 745927

Ion Ratio Lower Upper

92 100

91 176.5 141.2 211.8





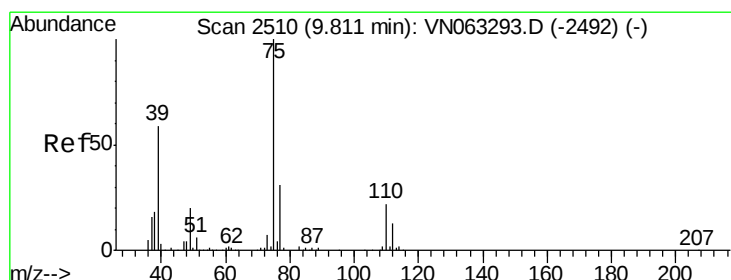
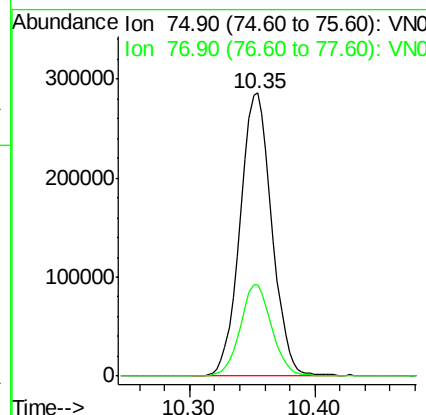
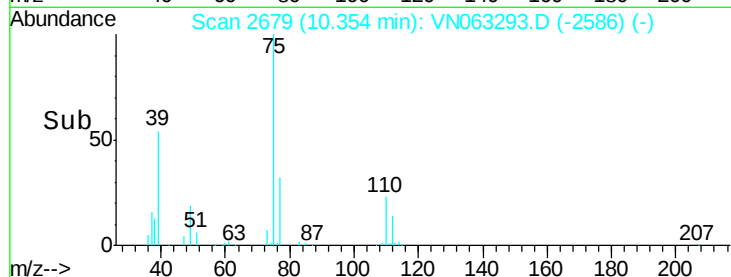
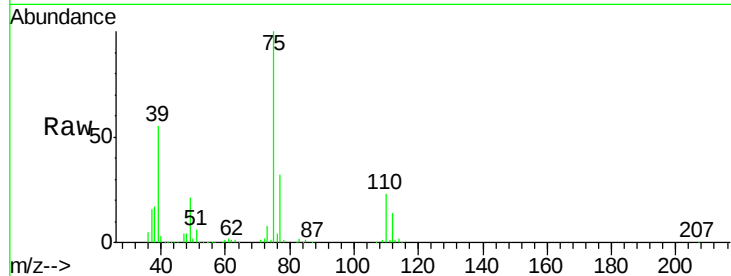
#53
t-1,3-Dichloropropene
Concen: 52.391 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.7	38.5

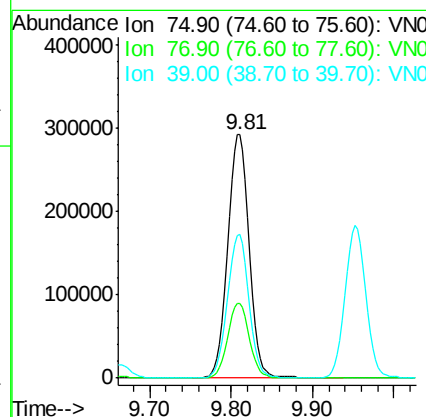
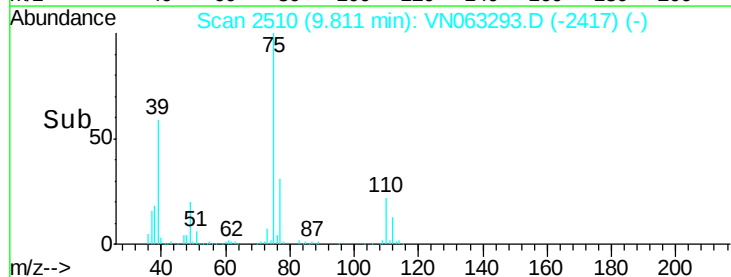
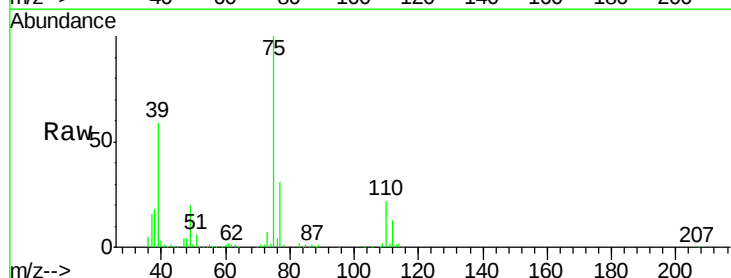
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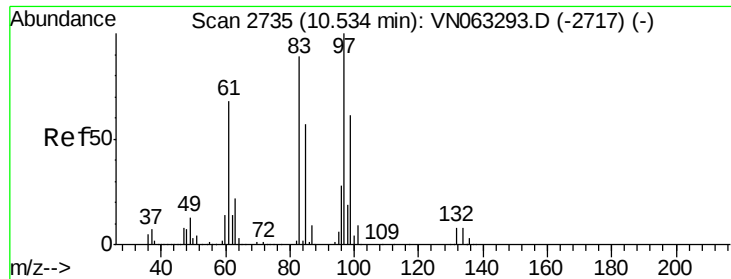
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#54
cis-1,3-Dichloropropene
Concen: 53.289 ug/l
RT: 9.81 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.7	37.1
39	59.0	47.2	70.8





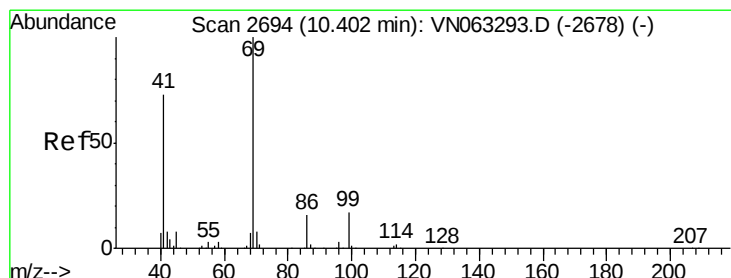
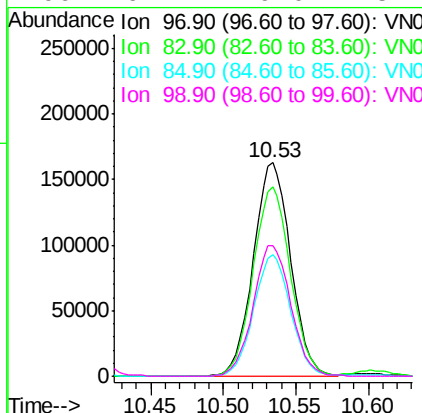
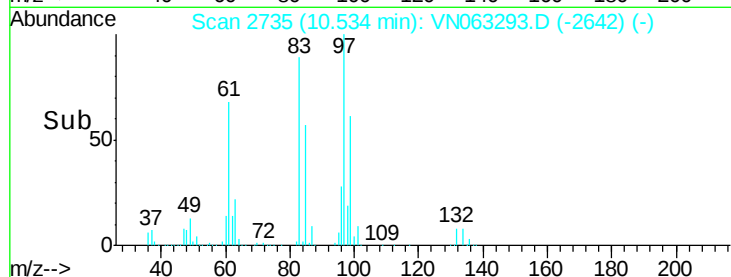
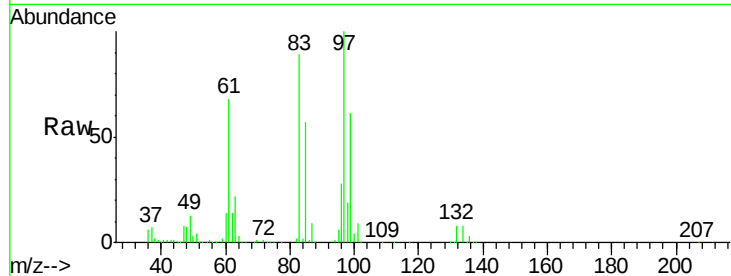
#55
 1,1,2-Trichloroethane
 Concen: 52.036 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		292078		
83	88.5	70.8	106.2		
85	57.0	45.6	68.4		
99	61.2	49.0	73.4		

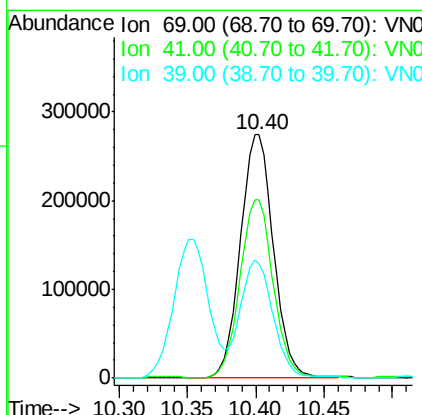
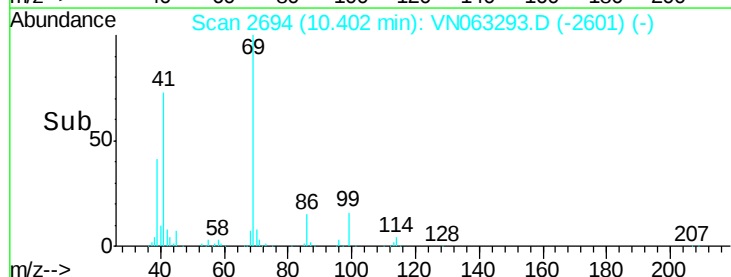
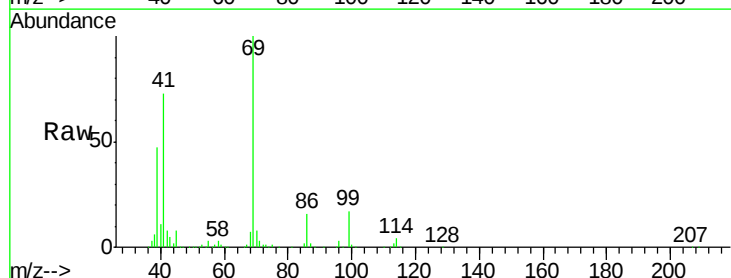
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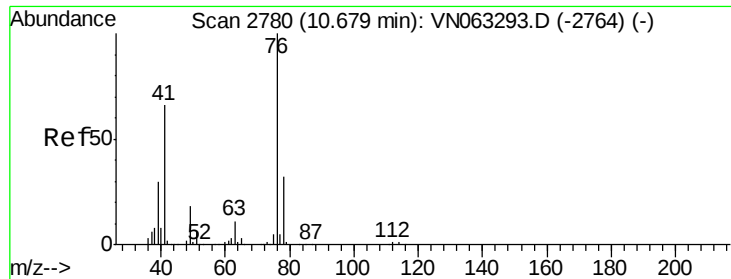
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#56
 Ethyl methacrylate
 Concen: 54.023 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		462387		
41	73.0	58.4	87.6		
39	48.3	38.6	58.0		





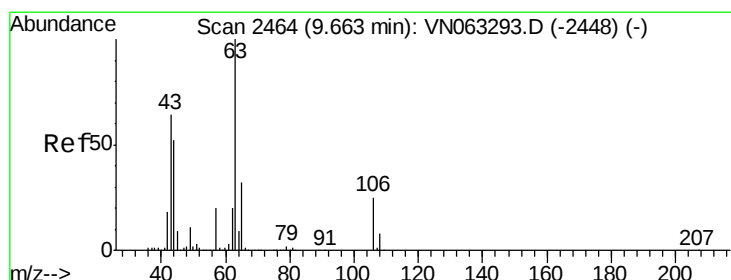
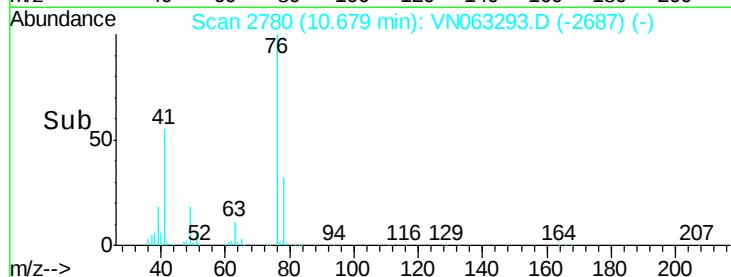
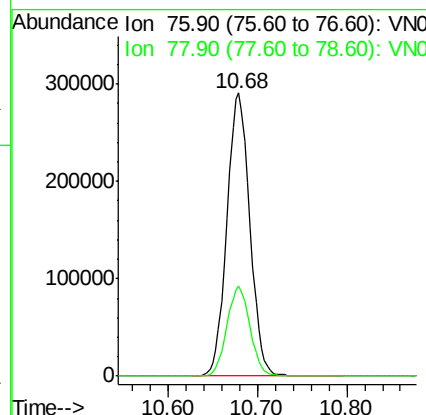
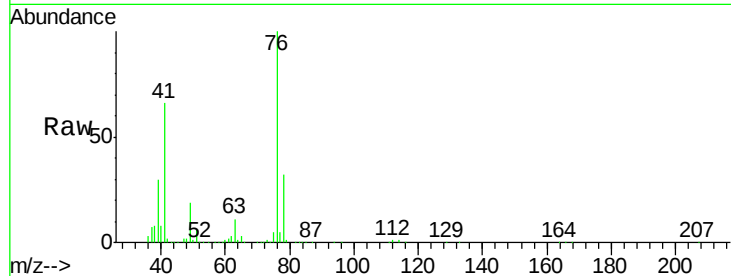
#57
 1,3-Dichloropropane
 Concen: 51.851 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.7	38.5

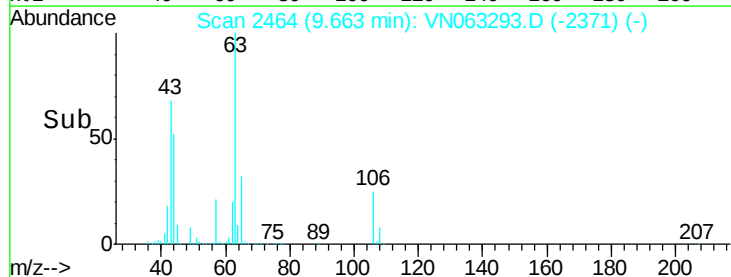
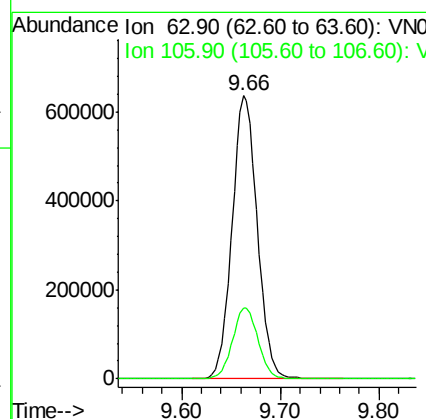
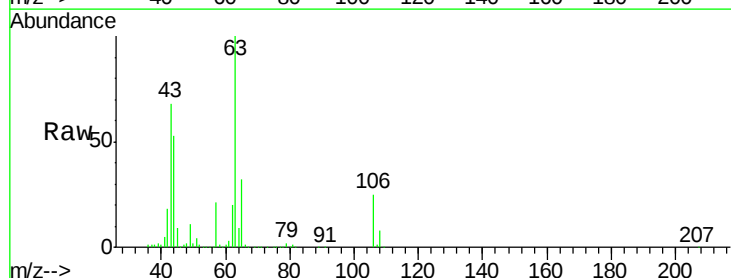
Manual Integrations
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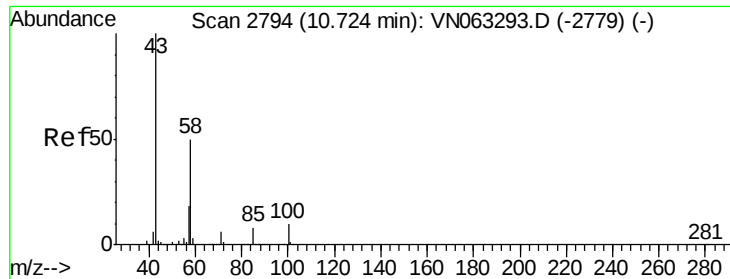
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#58
 2-Chloroethyl Vinyl ether
 Concen: 258.559 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.3	20.2	30.4





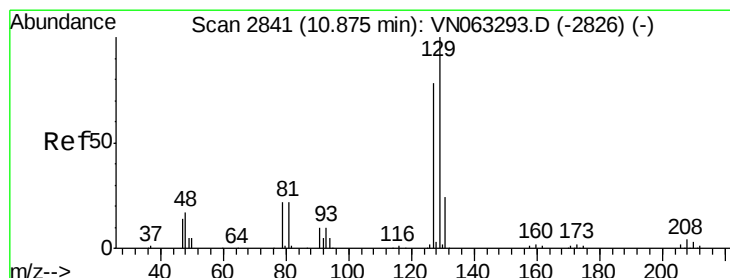
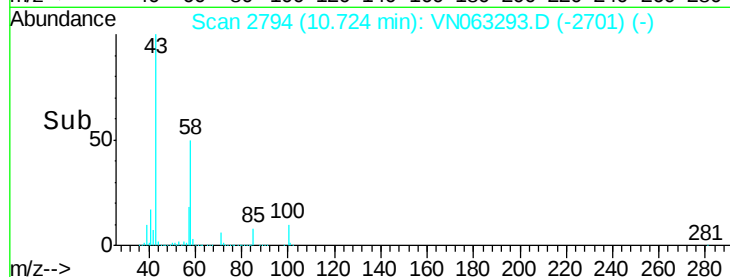
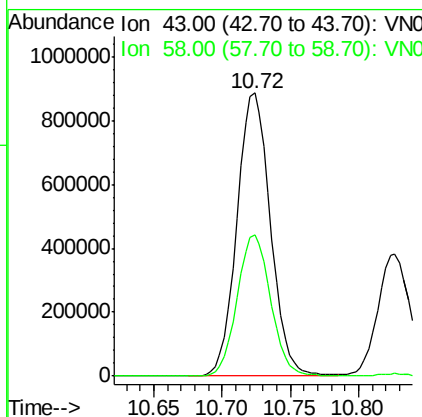
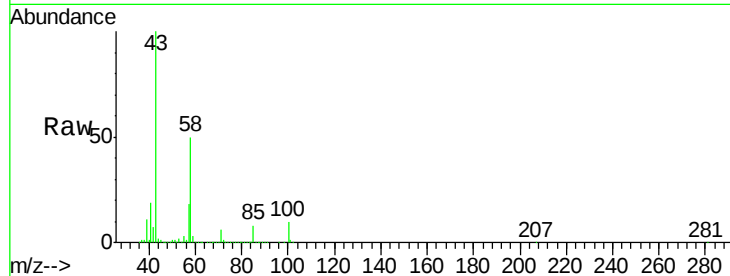
#59
2-Hexanone
Concen: 299.309 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 1510393
Ion Ratio Lower Upper
43 100
58 50.2 25.1 75.3

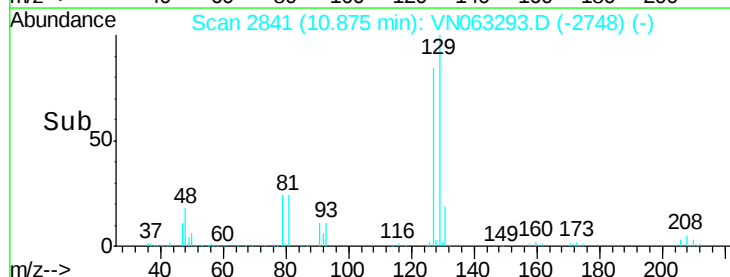
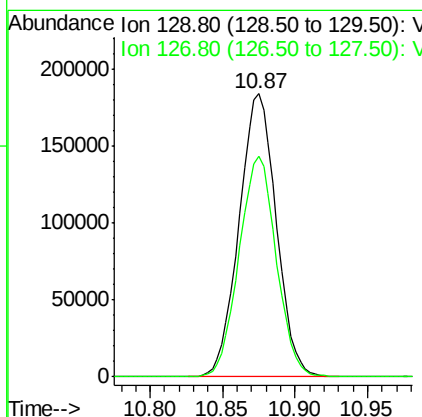
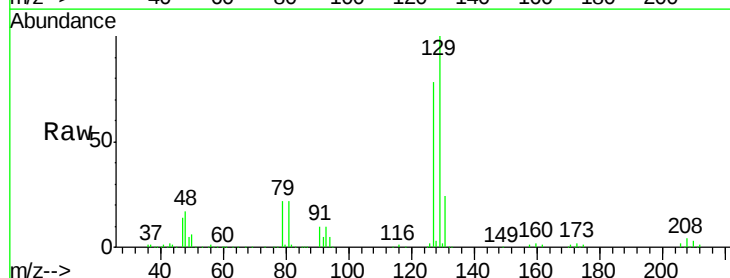
Manual Integrations
APPROVED

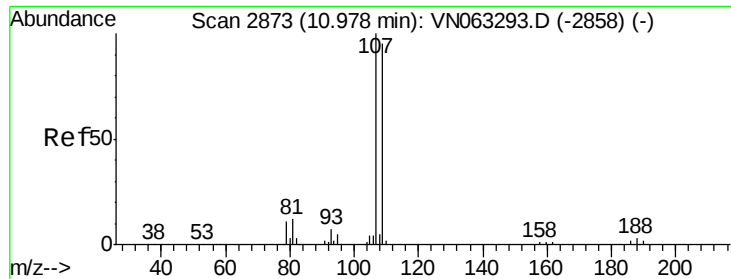
MMDadoda
9/11/2020 2:02:27 PM



#60
Dibromochloromethane
Concen: 53.021 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Tgt Ion: 129 Resp: 328891
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0





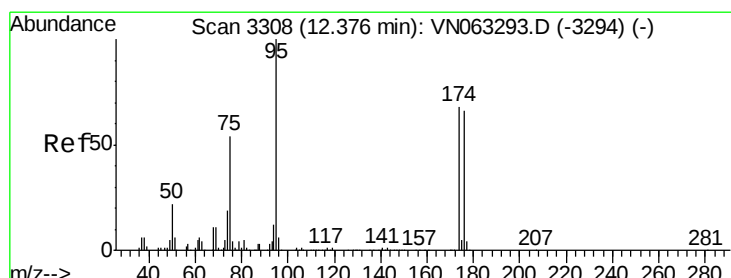
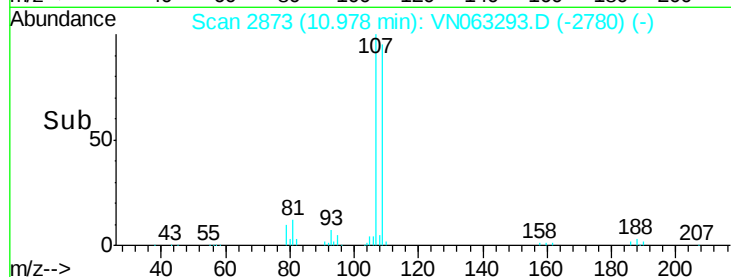
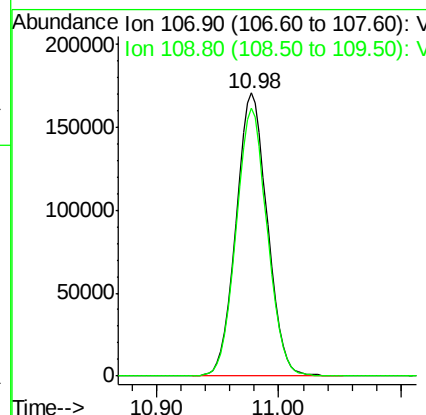
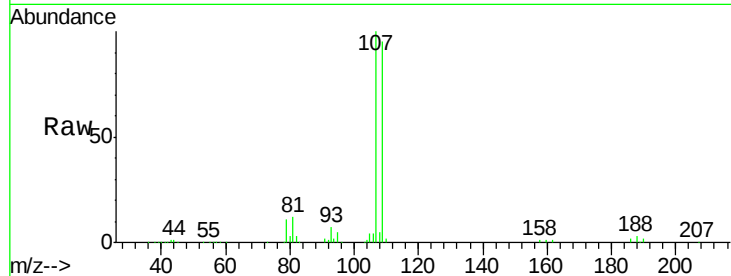
#61
 1,2-Dibromoethane
 Concen: 52.100 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	302607		
109	94.4	75.5	113.3	

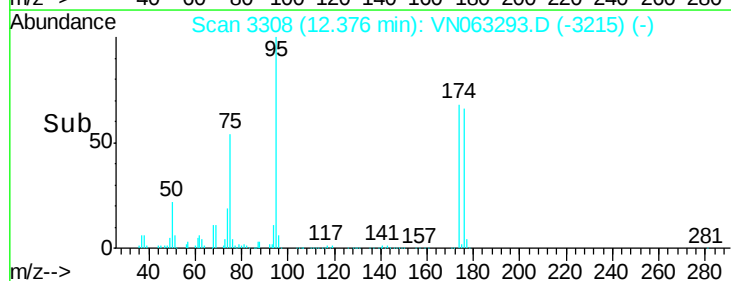
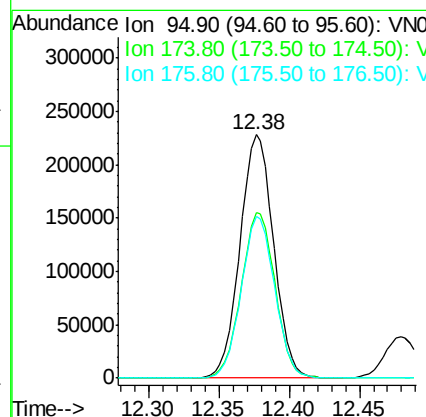
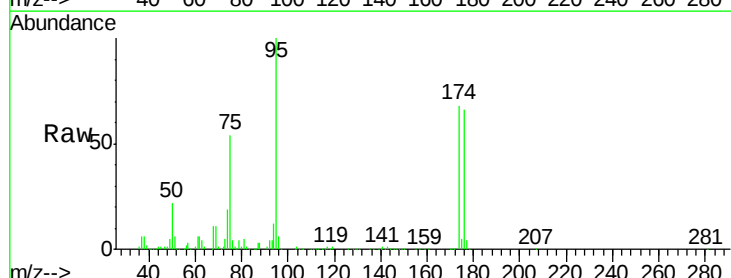
Manual Integrations
 APPROVED

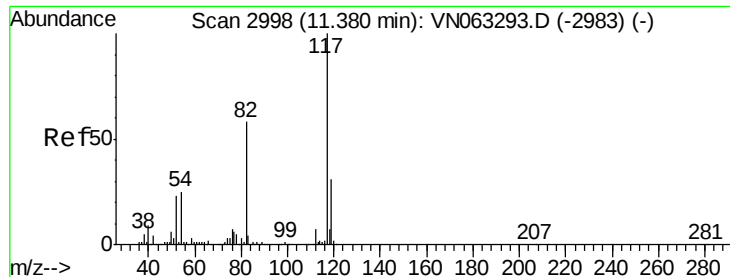
MMDadoda
 9/11/2020 2:02:27 PM



#62
 4-Bromofluorobenzene
 Concen: 52.787 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	382249		
174	68.3	0.0	136.6	
176	66.4	0.0	132.8	





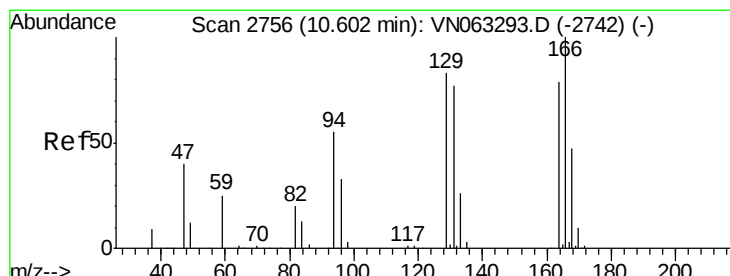
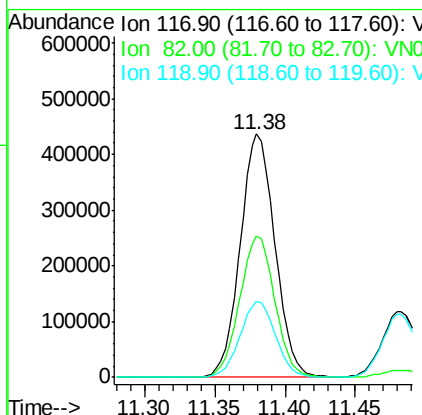
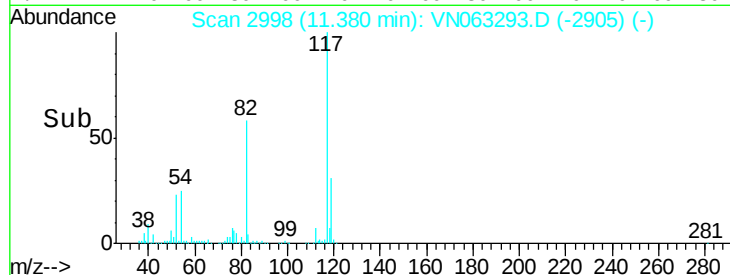
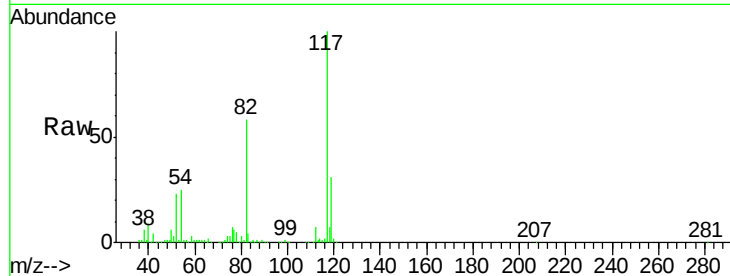
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.0	46.4	69.6
119	31.0	24.8	37.2

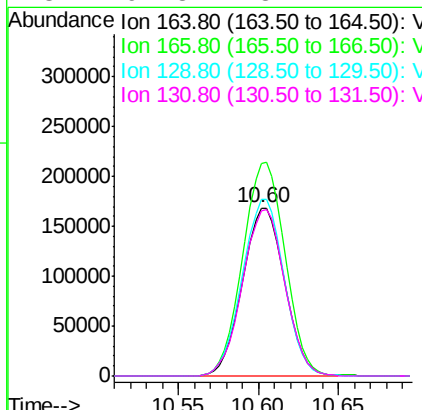
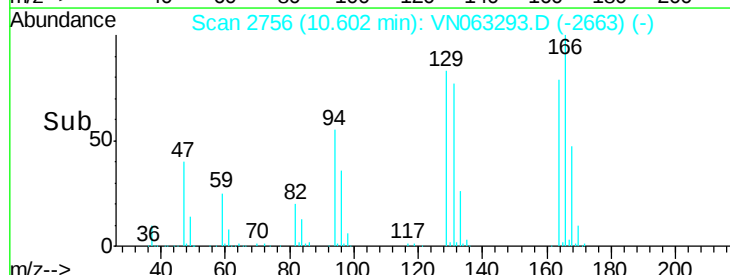
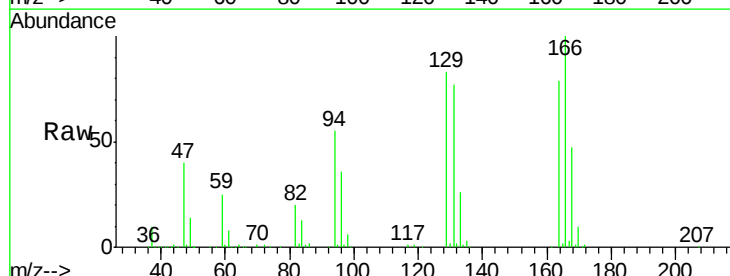
Manual Integrations
APPROVED

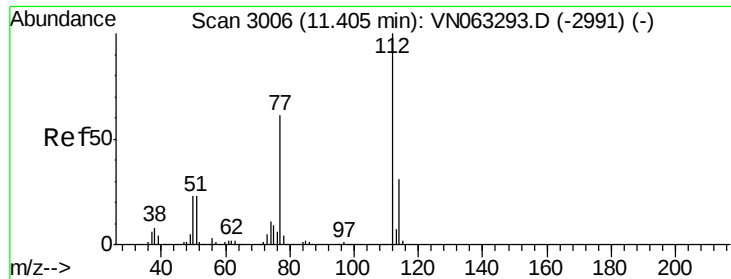
MMDadoda
9/11/2020 2:02:27 PM



#64
Tetrachloroethene
Concen: 54.893 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.6	101.3	151.9
129	104.6	83.7	125.5
131	97.8	78.2	117.4





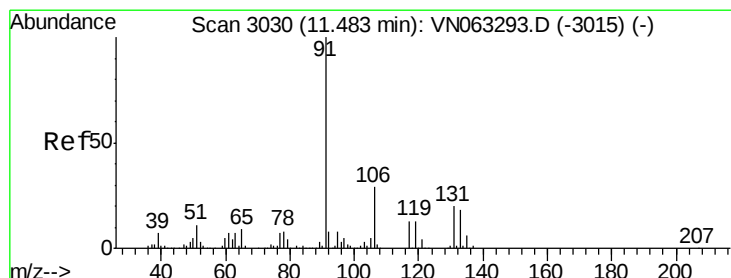
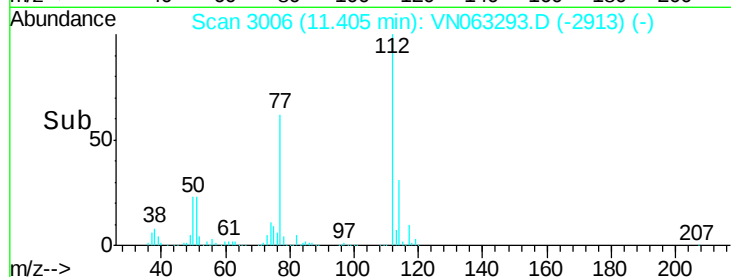
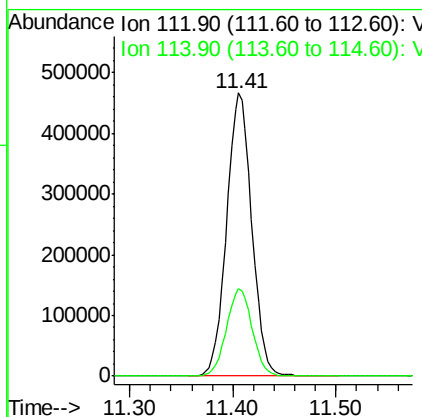
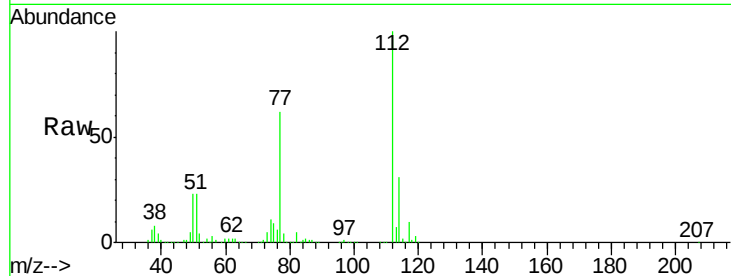
#65
Chlorobenzene
Concen: 52.367 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.7	24.6	36.8

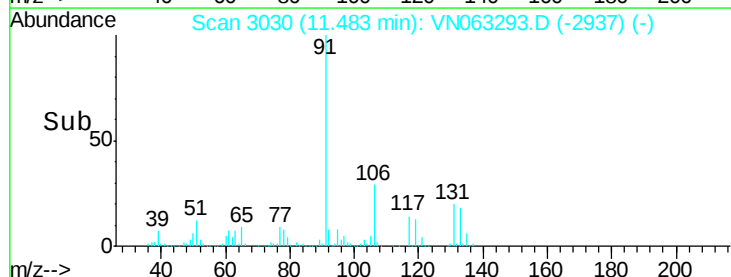
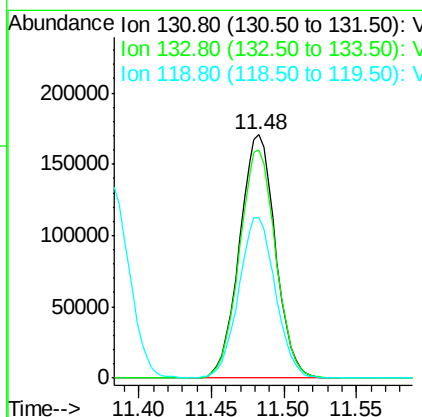
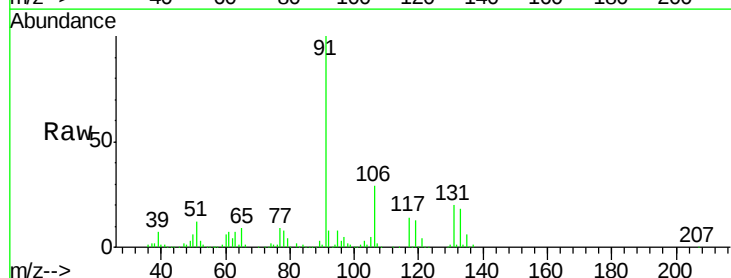
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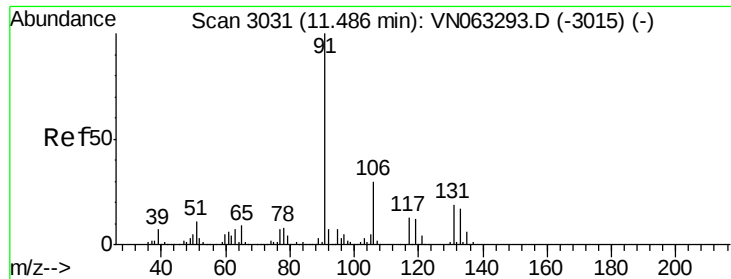
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.527 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.8	47.4	142.2
119	67.5	33.8	101.3





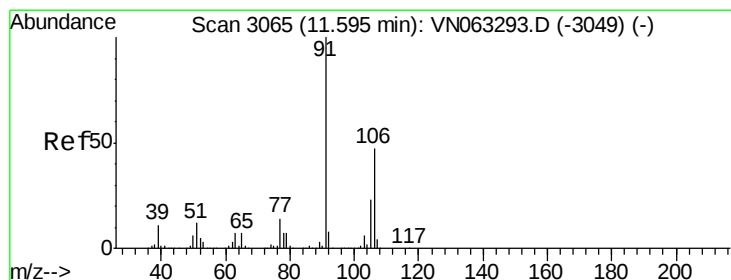
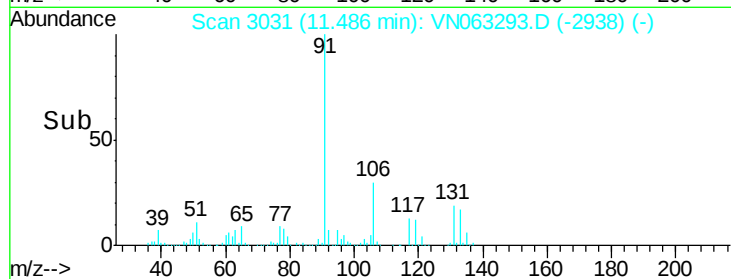
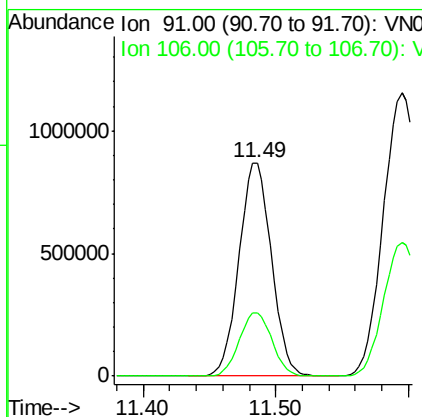
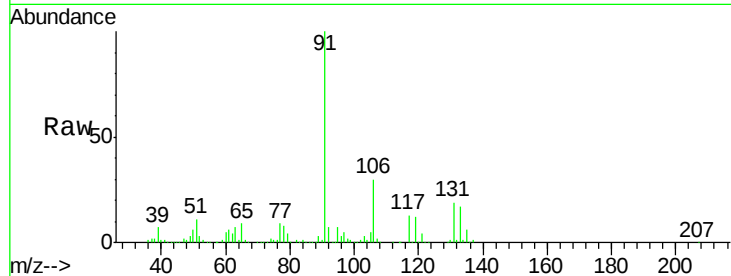
#67
Ethyl Benzene
Concen: 53.513 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 1477933
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.6

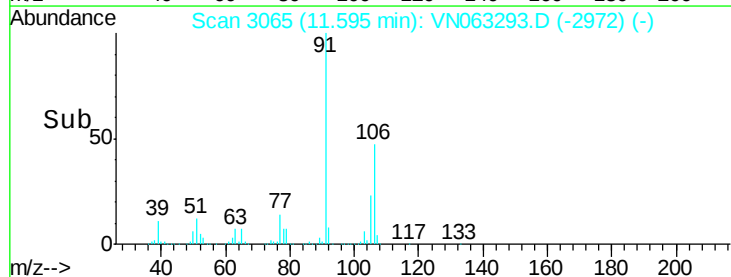
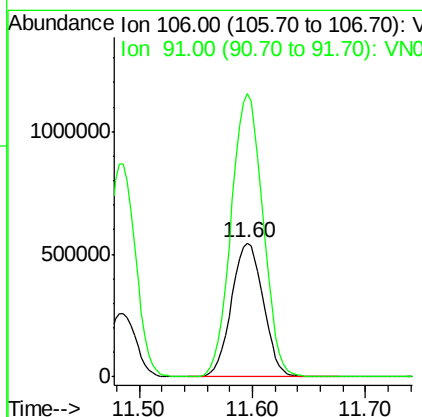
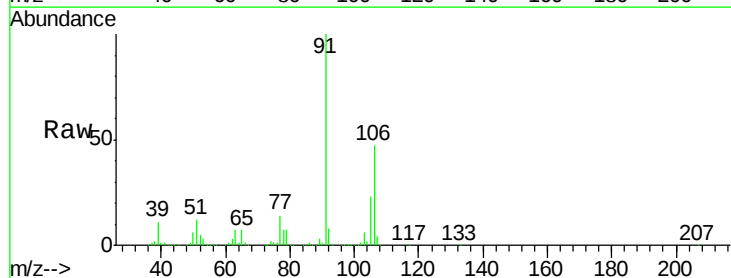
Manual Integrations
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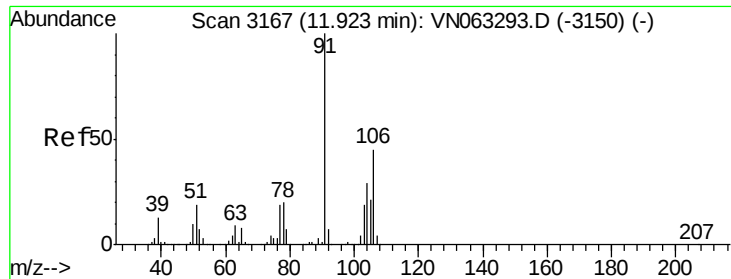
MMDadoda
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#68
m/p-Xylenes
Concen: 104.566 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Tgt Ion: 106 Resp: 1066037
Ion Ratio Lower Upper
106 100
91 212.3 169.8 254.8





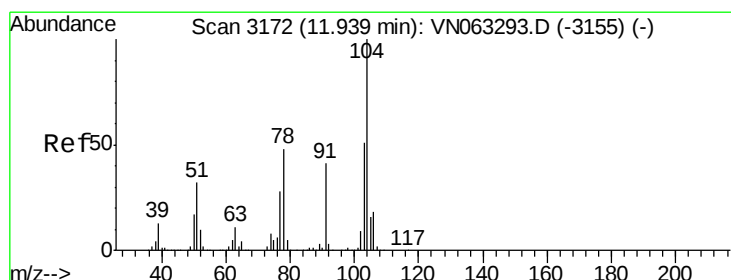
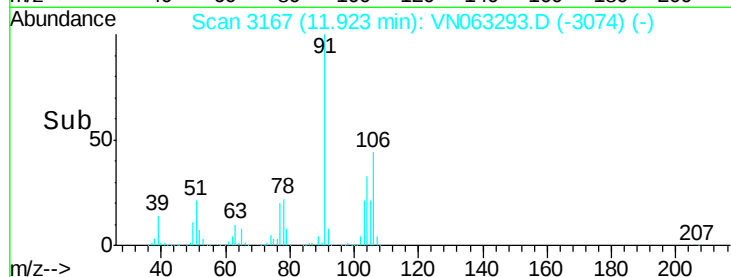
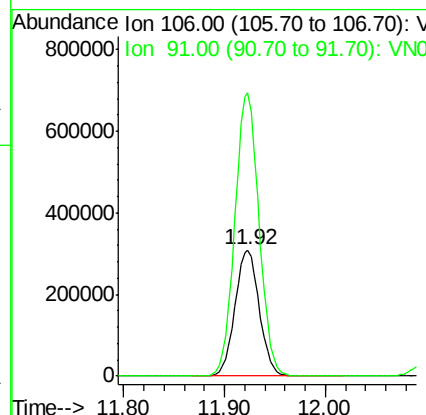
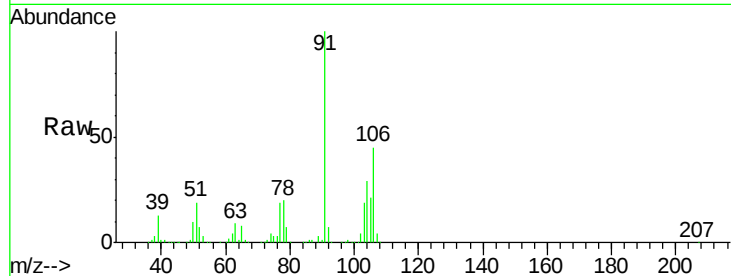
#69
o-Xylene
Concen: 52.676 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		518935		
91	222.9	111.5	334.4		

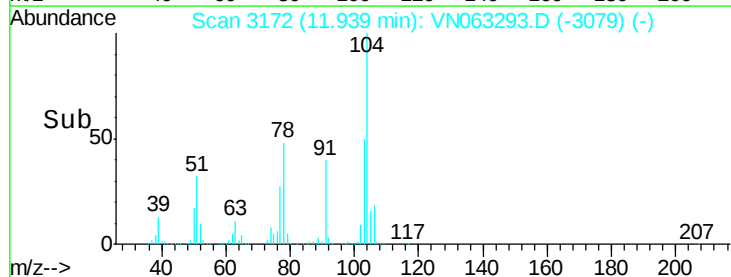
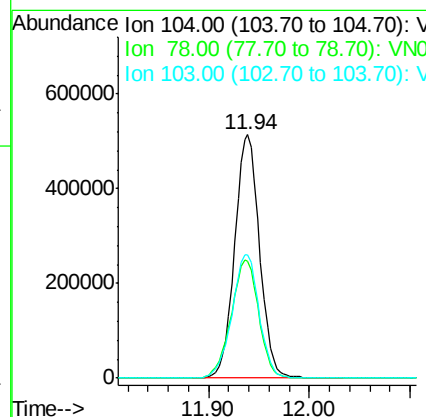
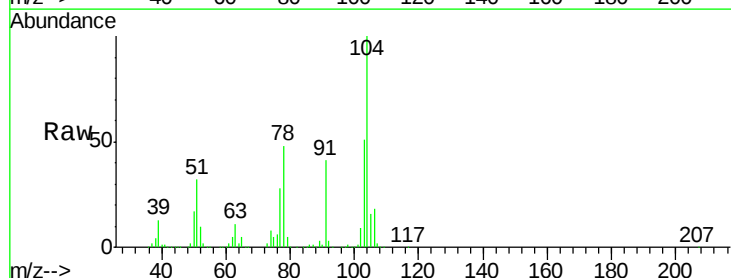
Manual Integrations
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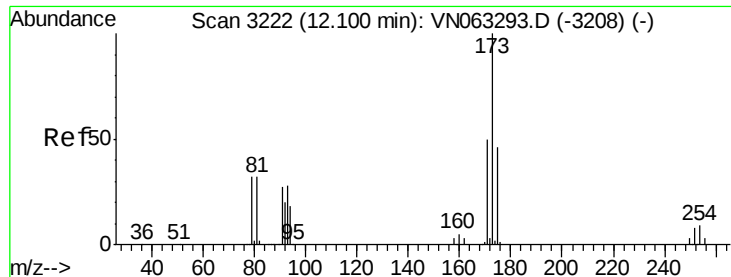
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#70
Styrene
Concen: 52.366 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		883773		
78	53.6	42.9	64.3		
103	55.2	44.2	66.2		





#71

Bromoform

Concen: 54.784 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

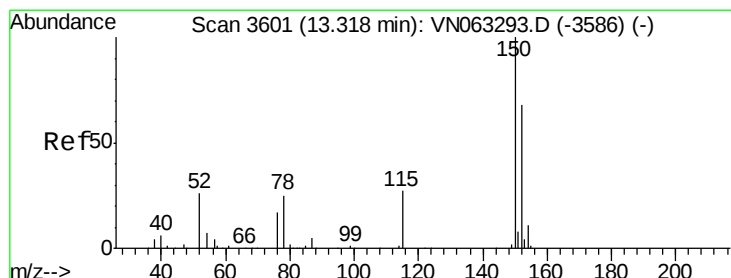
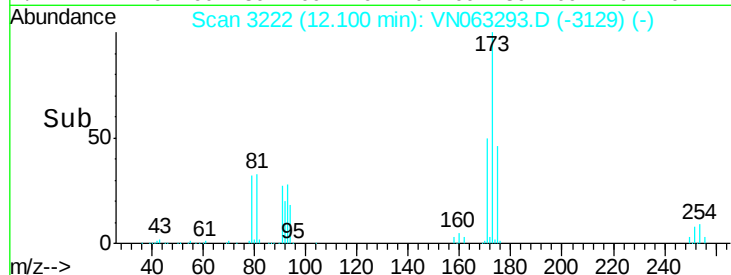
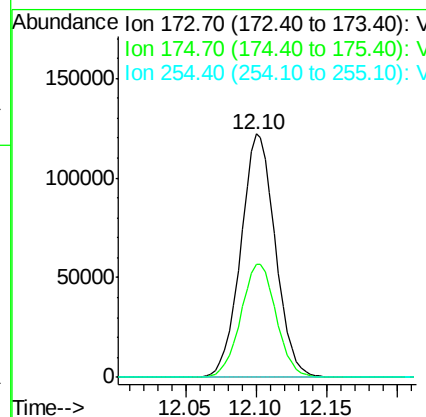
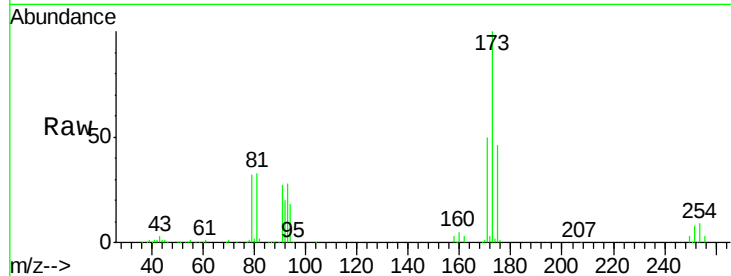
ClientSampleId :

VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.7	23.8	71.5
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

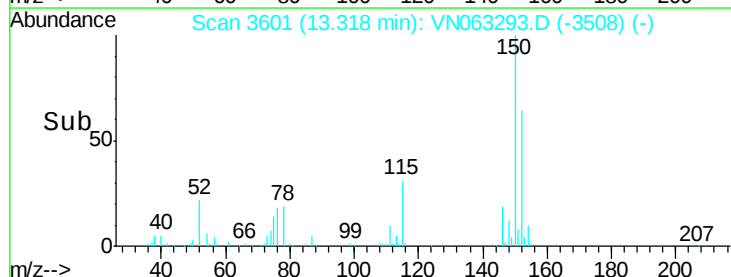
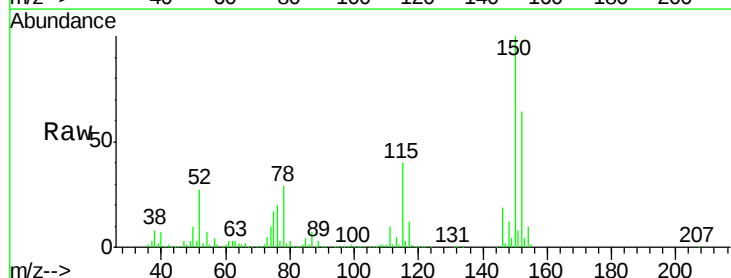
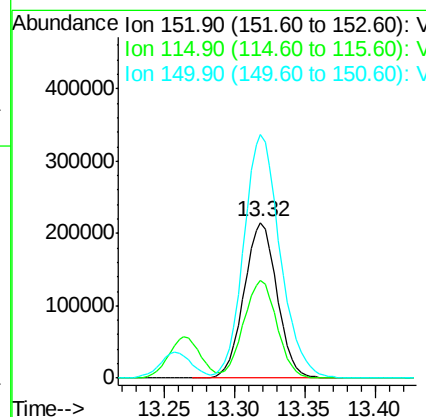
RT: 13.32 min Scan# 3601

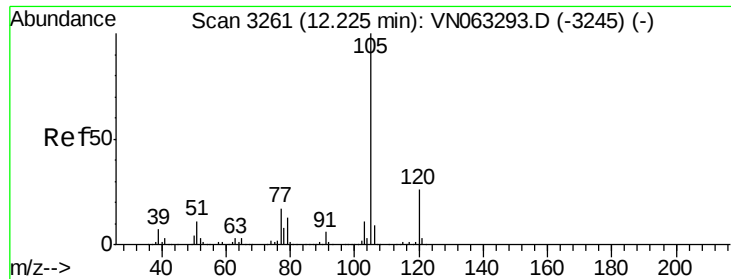
Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.0	31.5	94.5
150	172.0	0.0	344.0





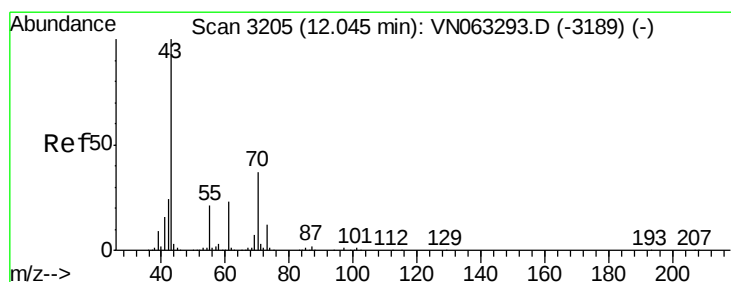
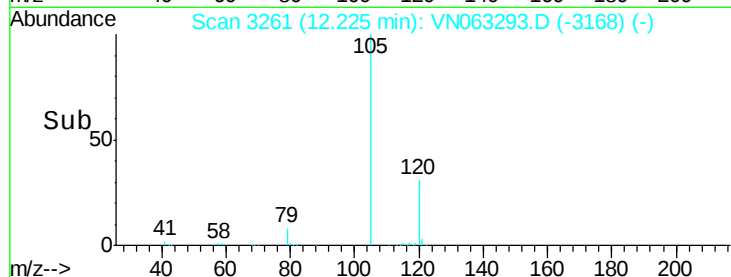
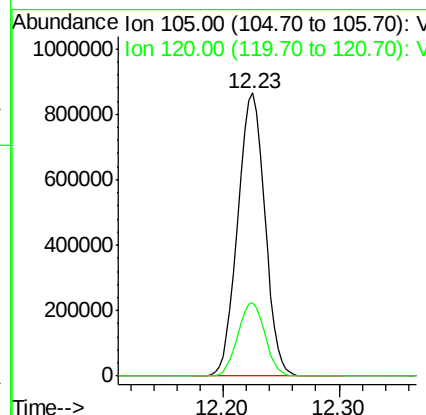
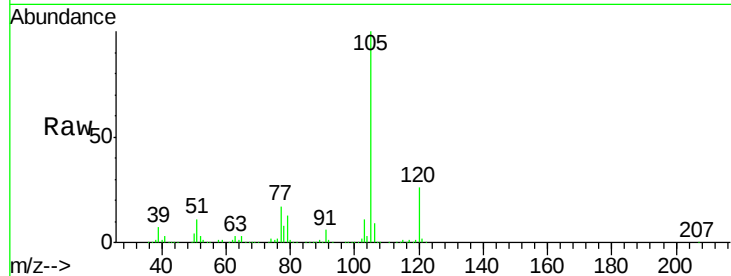
#73
Isopropylbenzene
Concen: 52.124 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion:105 Resp: 1395919
Ion Ratio Lower Upper
105 100
120 25.9 13.0 38.9

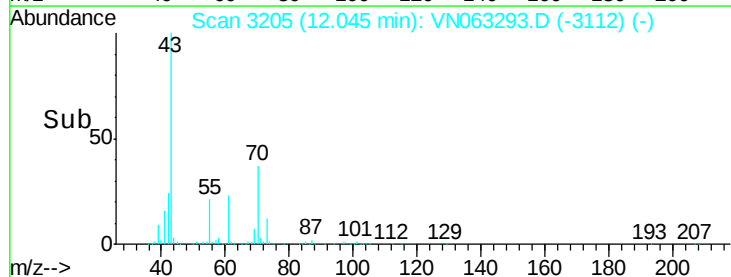
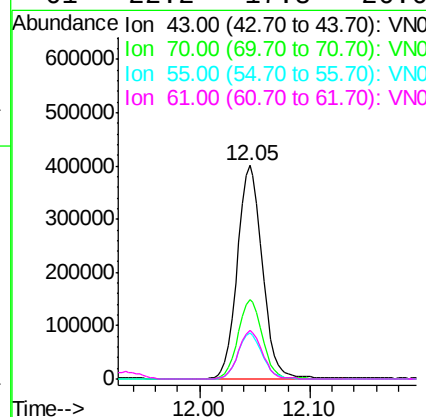
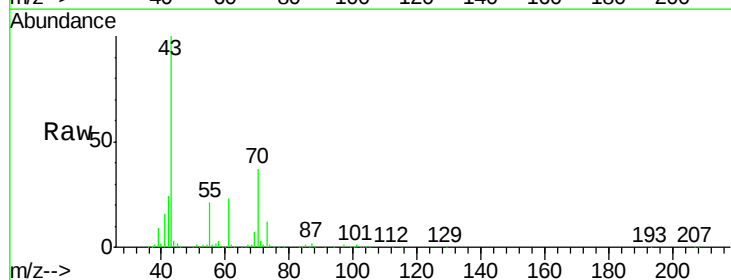
Manual Integrations
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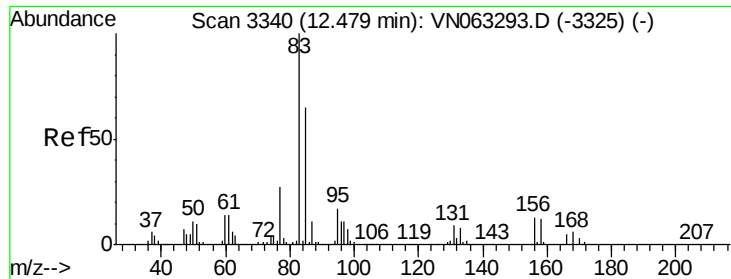
MMDadoda
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#74
N-ethyl acetate
Concen: 56.157 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Tgt Ion: 43 Resp: 628491
Ion Ratio Lower Upper
43 100
70 36.6 29.3 43.9
55 21.3 17.0 25.6
61 22.2 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.025 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 83 Resp: 392698
Ion Ratio Lower Upper

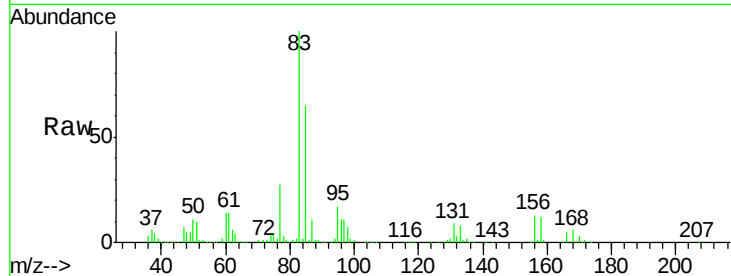
83 100

131 9.4 4.7 14.1

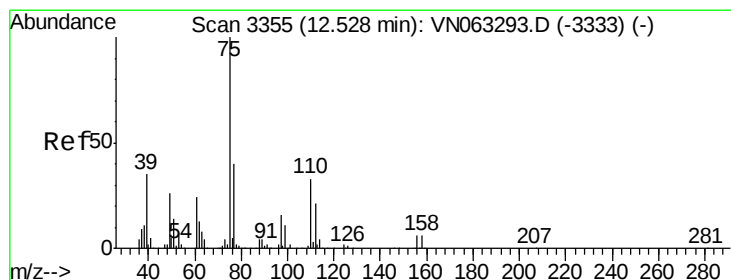
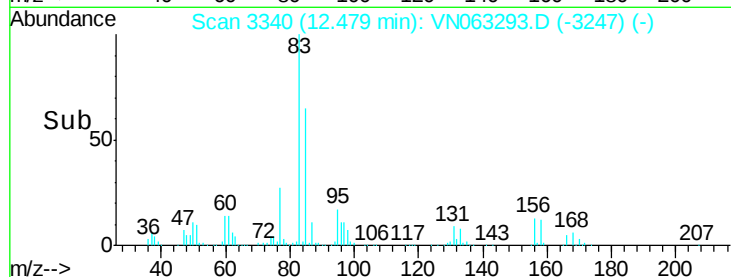
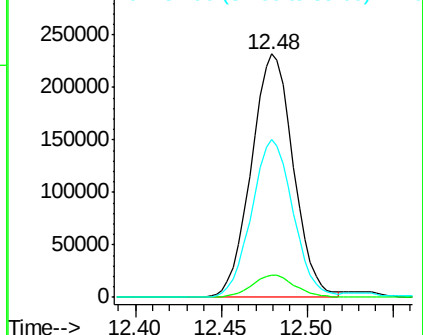
85 64.1 32.0 96.2

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 50.499 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

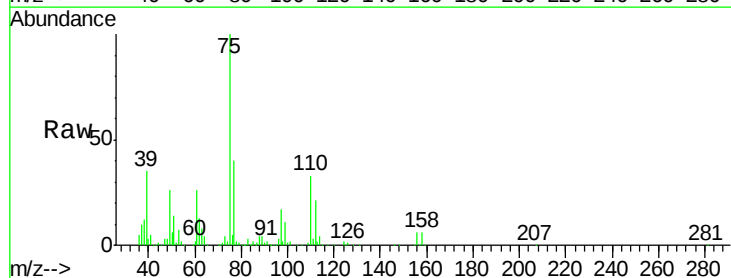
Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

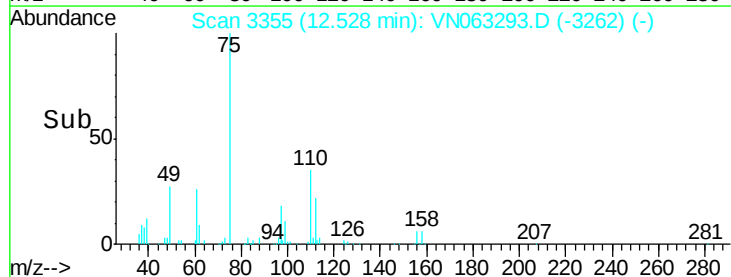
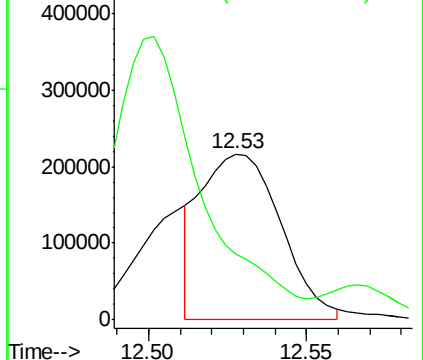
Tgt Ion: 75 Resp: 380321
Ion Ratio Lower Upper

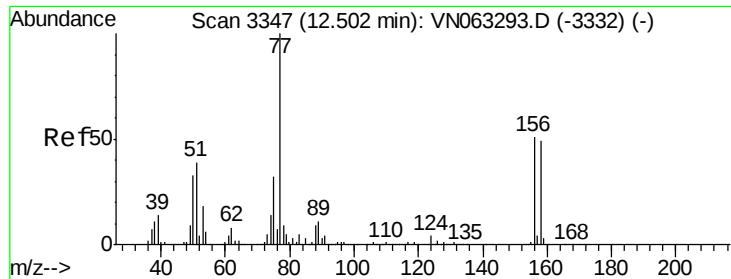
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 51.844 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

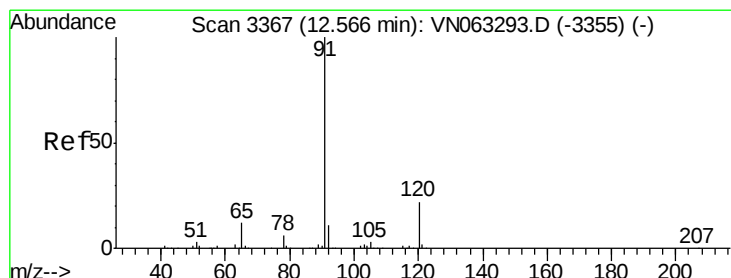
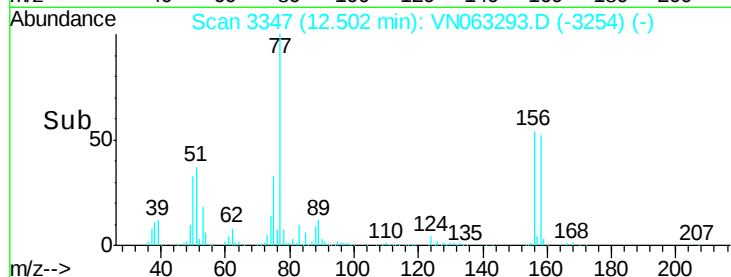
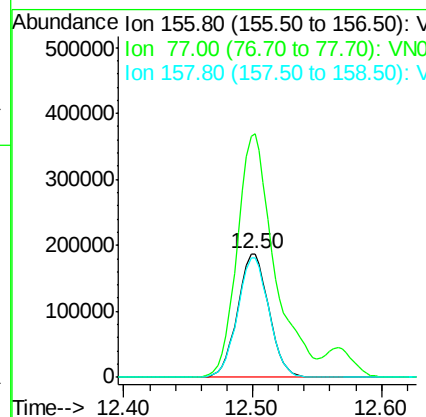
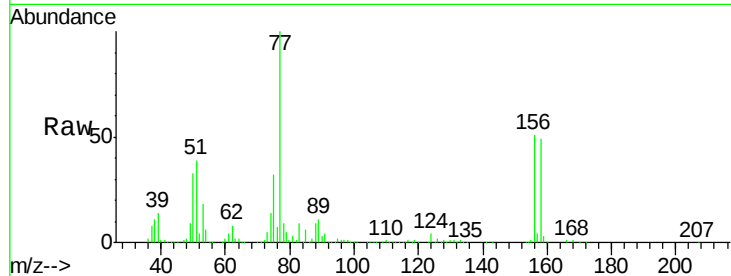
ClientSampled :

VSTDICCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	234.8	117.4	352.2
158	97.6	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 52.869 ug/l

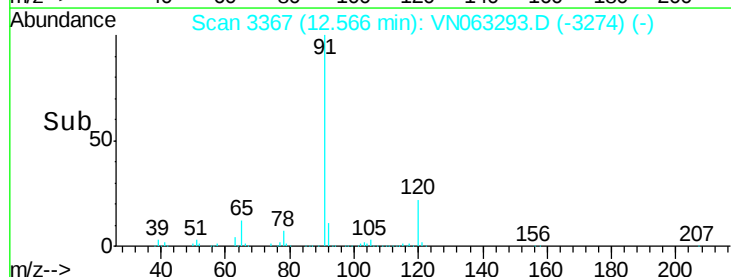
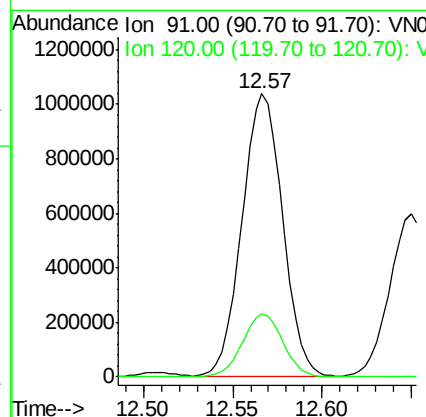
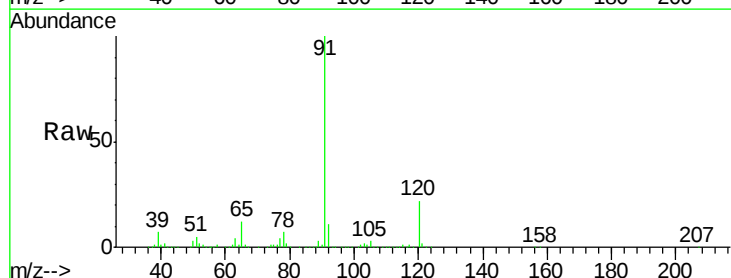
RT: 12.57 min Scan# 3367

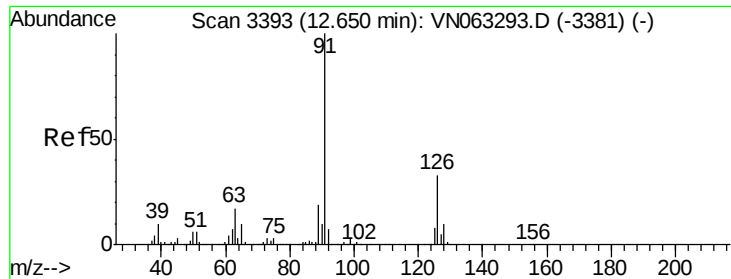
Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.1	33.3





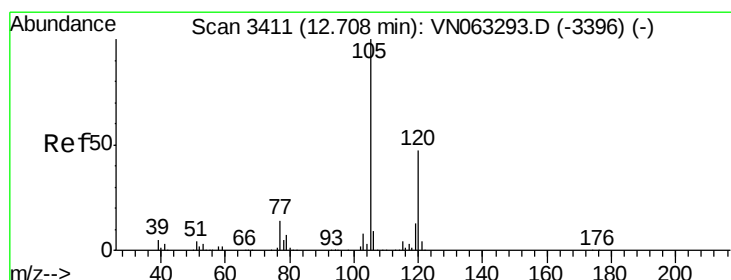
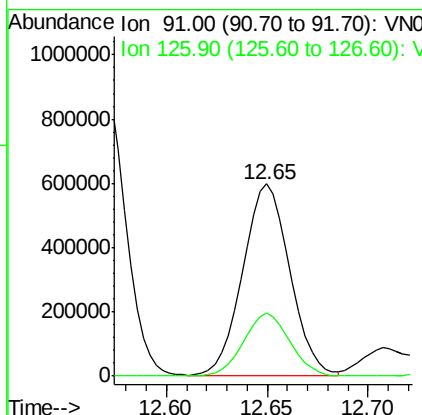
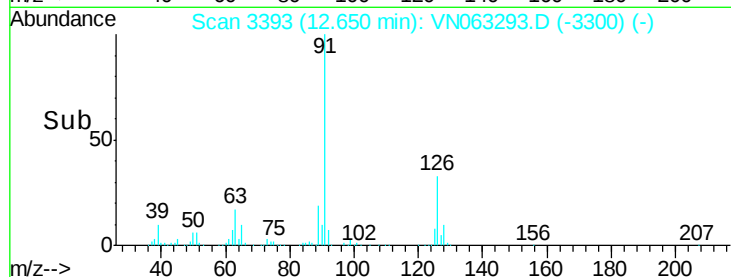
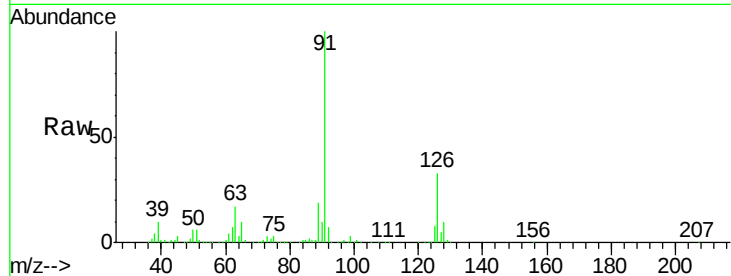
#79
 2-Chlorotoluene
 Concen: 52.222 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 91 Resp: 971857
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.3 48.8

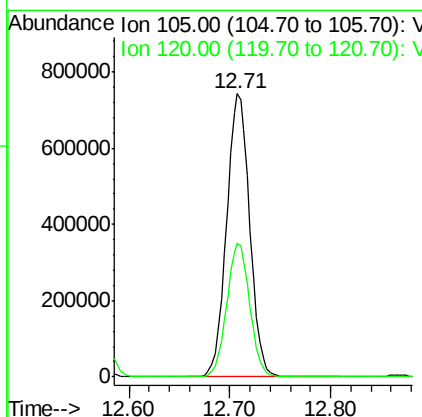
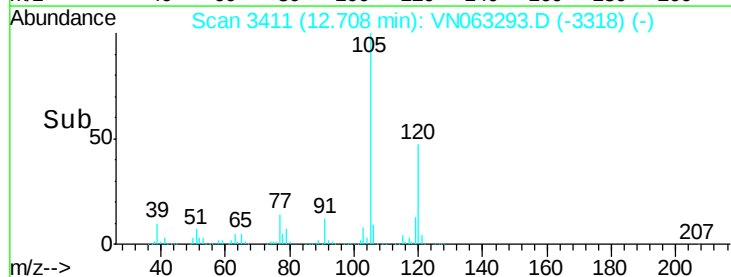
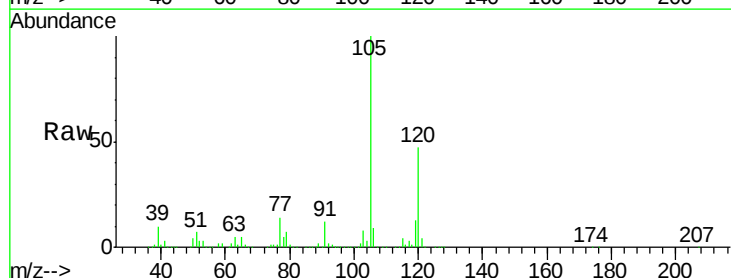
Manual Integrations
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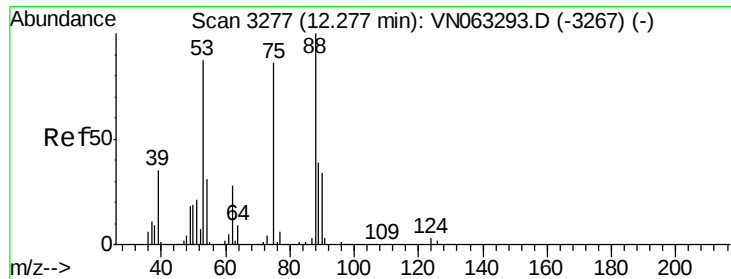
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 52.892 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

Tgt Ion: 105 Resp: 1184184
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.4 70.0





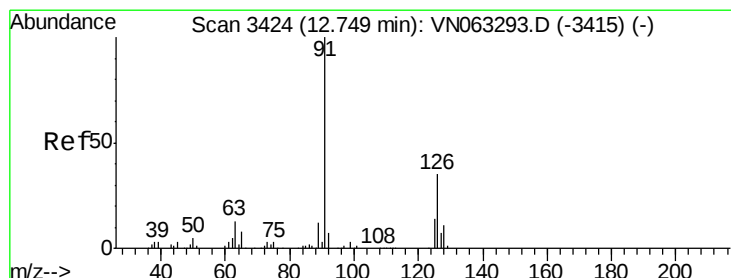
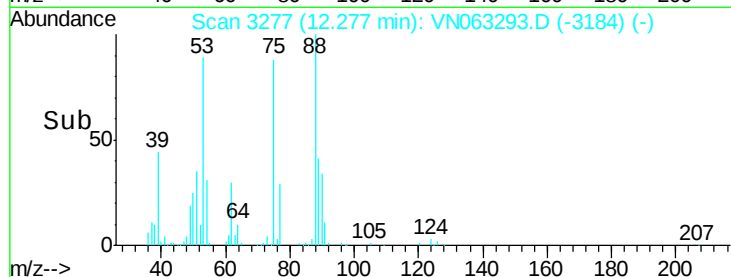
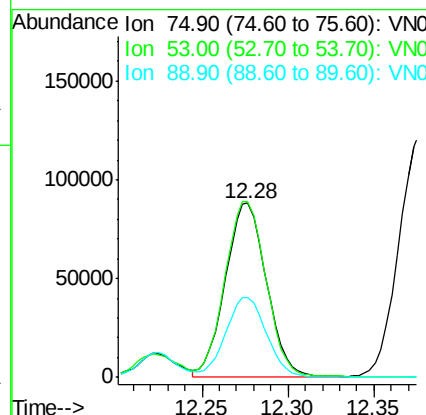
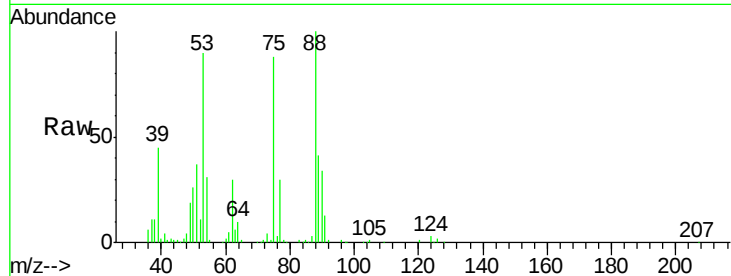
#81
trans-1,4-Dichloro-2-butene
Concen: 51.623 ug/l
RT: 12.28 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.3	81.8	122.8
89	45.9	36.7	55.1

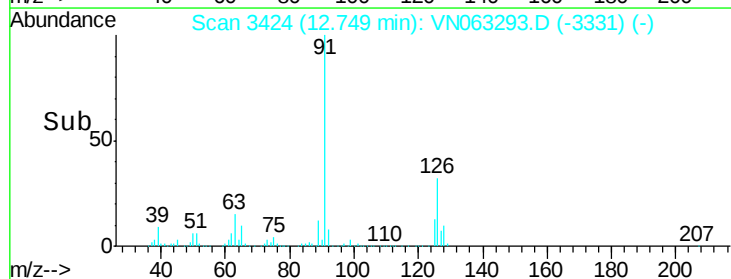
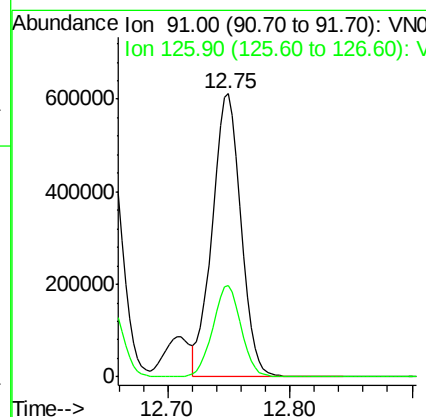
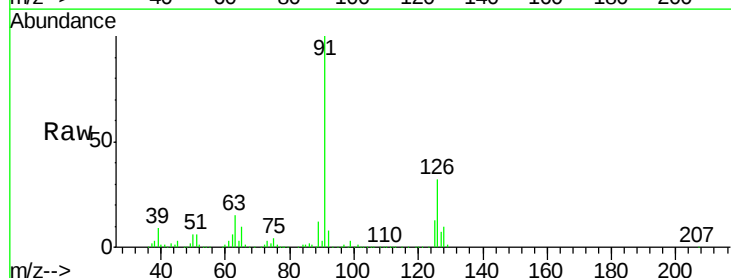
Manual Integrations
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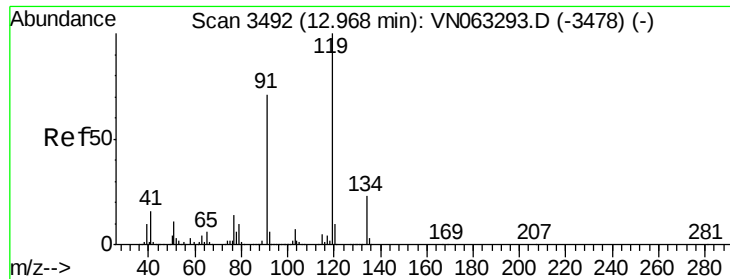
MMDadoda
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#82
4-Chlorotoluene
Concen: 52.237 ug/l
RT: 12.75 min Scan# 3424
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.8	15.9	47.7





#83

tert-Butylbenzene

Concen: 50.983 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

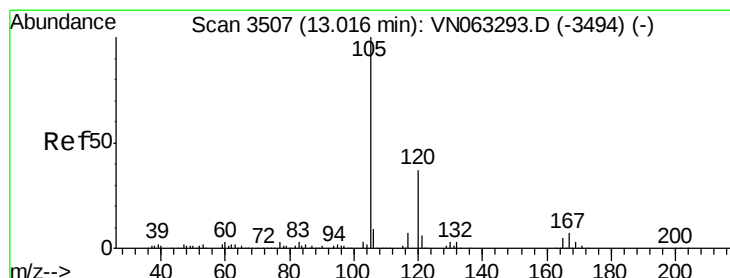
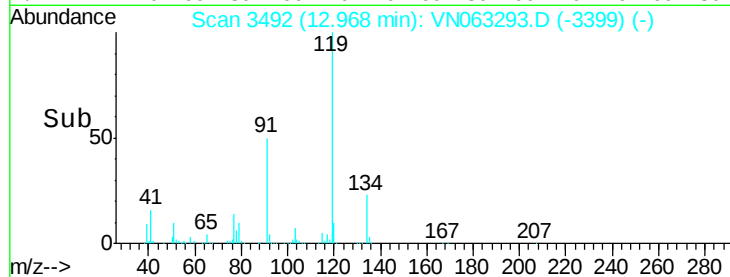
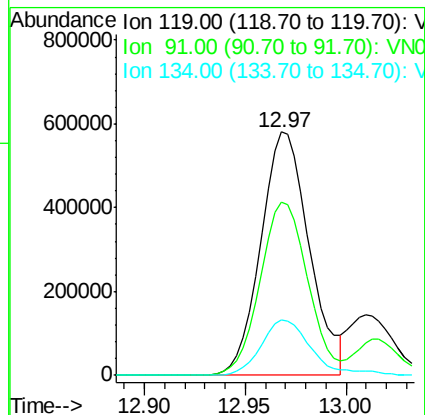
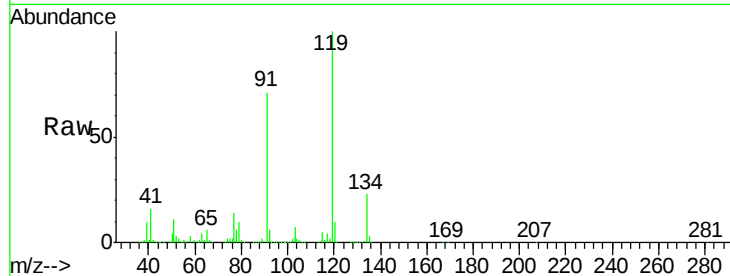
ClientSampleId :

VSTDICCC050

Tot Ion:	119	Resp:	974272
Ion Ratio	Lower	Upper	
119	100		
91	69.5	34.8	104.3
134	23.7	11.9	35.5

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 52.989 ug/l

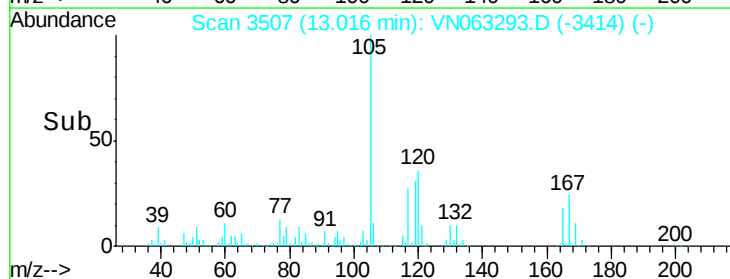
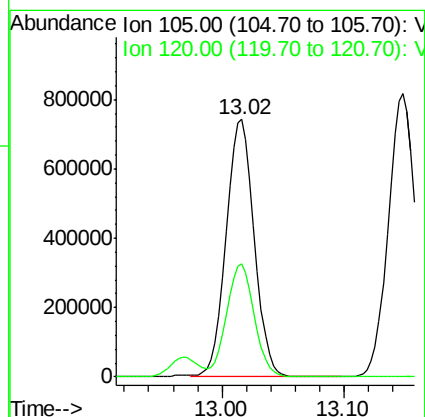
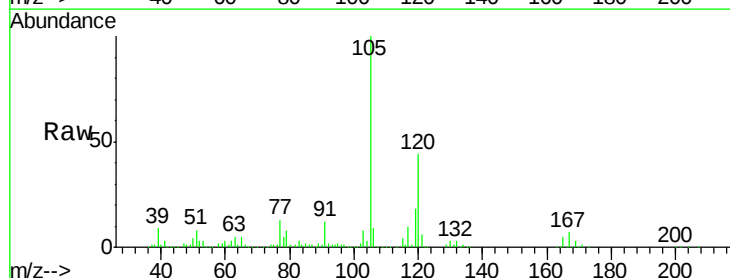
RT: 13.02 min Scan# 3507

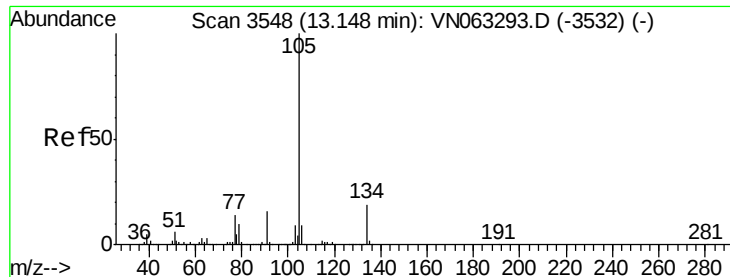
Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Tgt Ion:	105	Resp:	1195667
Ion Ratio	Lower	Upper	
105	100		
120	43.6	21.8	65.4





#85

sec-Butylbenzene

Concen: 51.923 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 1287122

Ion Ratio Lower Upper

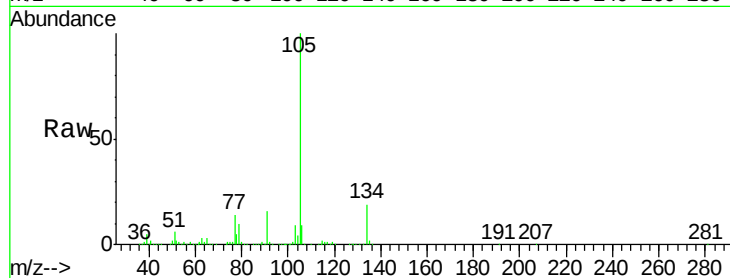
105 100

134 18.9 9.4 28.3

Manual Integrations
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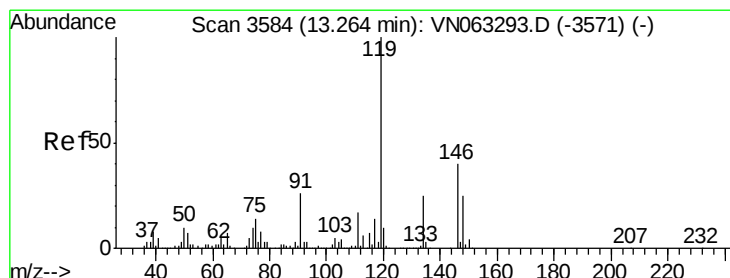
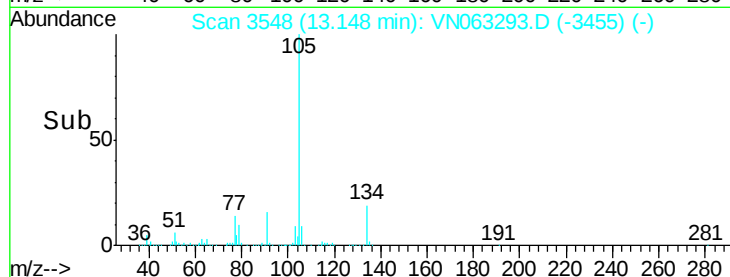
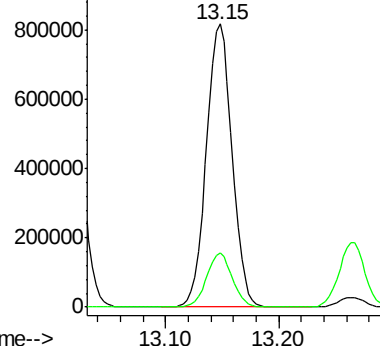
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.147 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

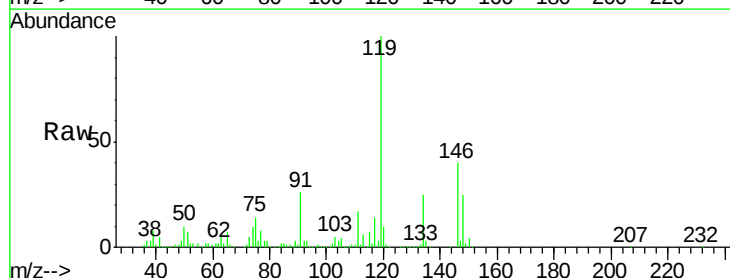
Tgt Ion:119 Resp: 1172533

Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.8

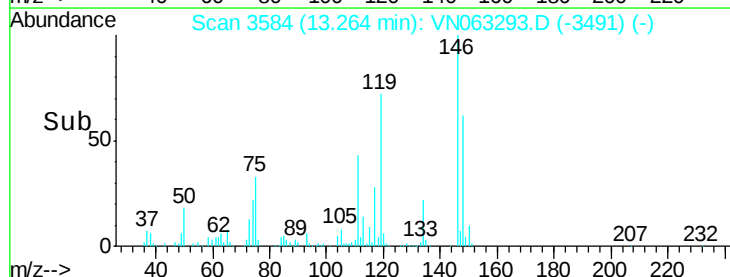
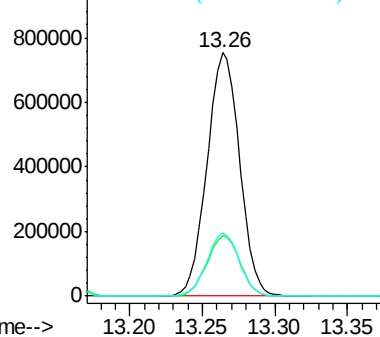
91 25.5 12.8 38.3

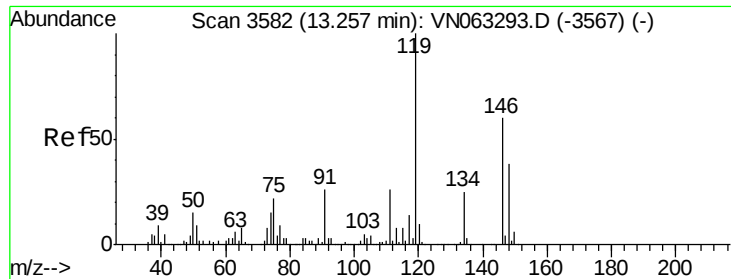


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 52.269 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Instrument :

MSVOA_N

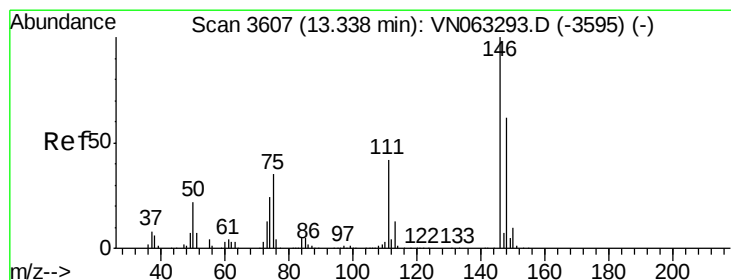
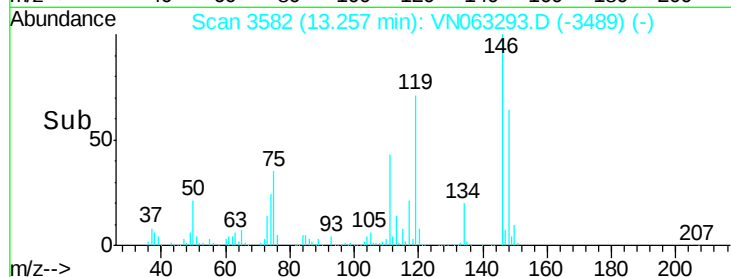
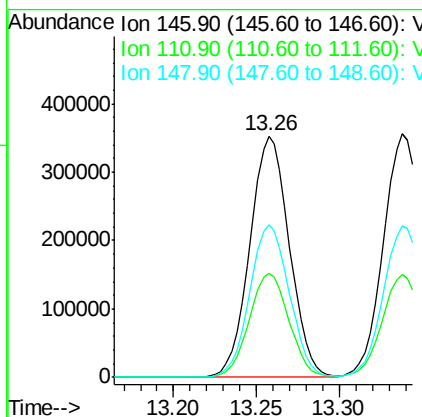
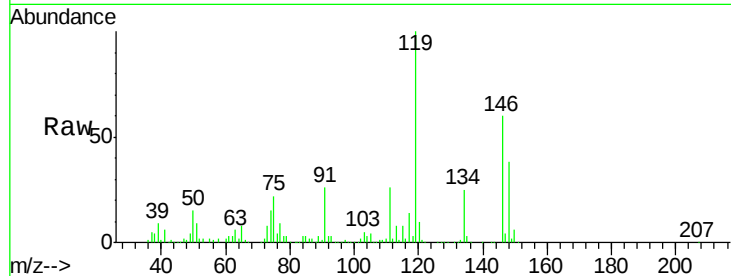
ClientSampleId :

VSTDICCC050

Tot Ion:	146	Resp:	582960
Ion Ratio	Lower	Upper	
146	100		
111	43.6	21.8	65.4
148	63.6	31.8	95.4

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 50.647 ug/l

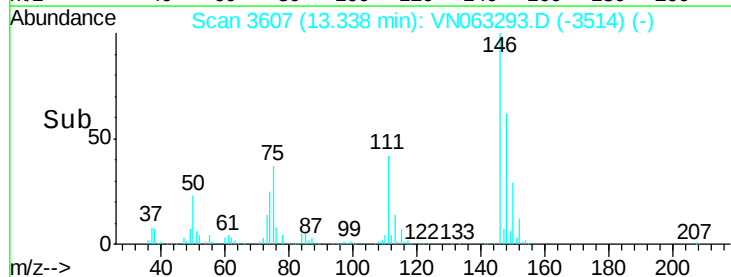
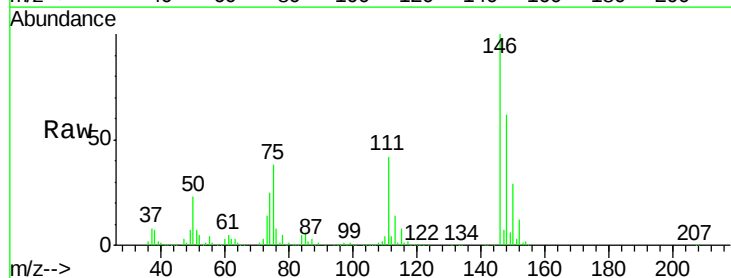
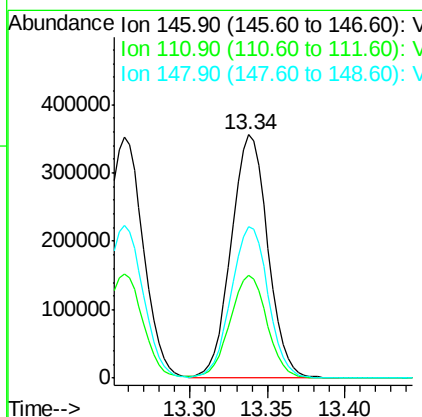
RT: 13.34 min Scan# 3607

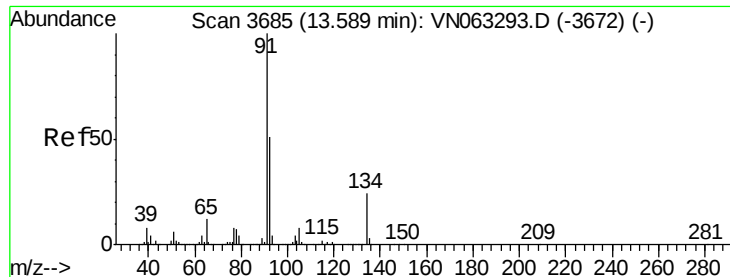
Delta R.T. 0.00 min

Lab File: VN063293.D

Acq: 10 Sep 2020 13:56

Tgt Ion:	146	Resp:	582752
Ion Ratio	Lower	Upper	
146	100		
111	42.7	21.3	64.0
148	63.0	31.5	94.5





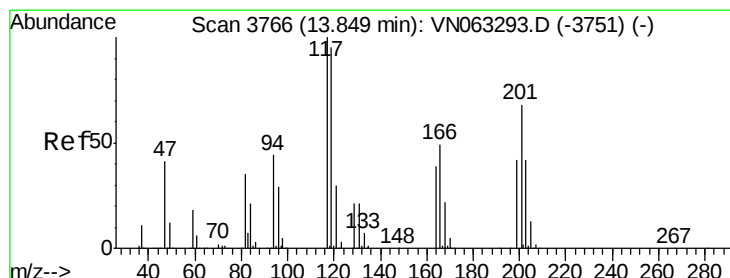
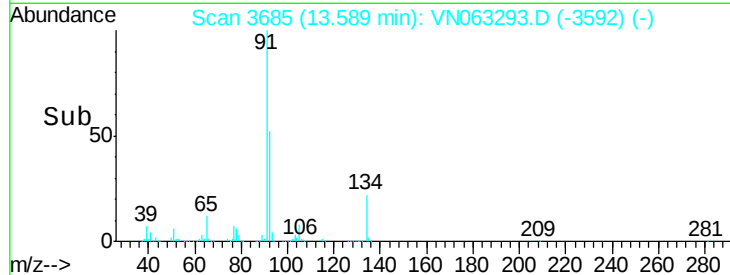
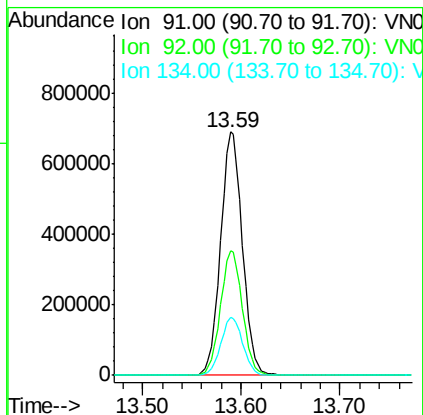
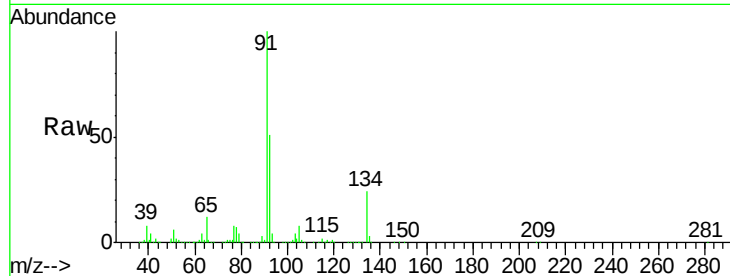
#89
n-Butylbenzene
Concen: 52.469 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion: 91 Resp: 1070927
Ion Ratio Lower Upper
91 100
92 51.5 25.8 77.3
134 24.0 12.0 36.0

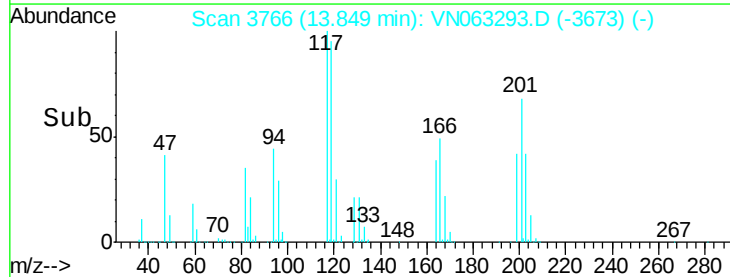
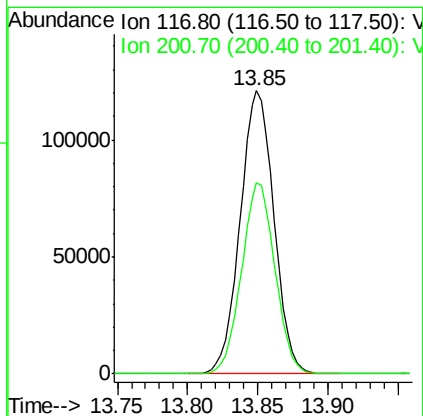
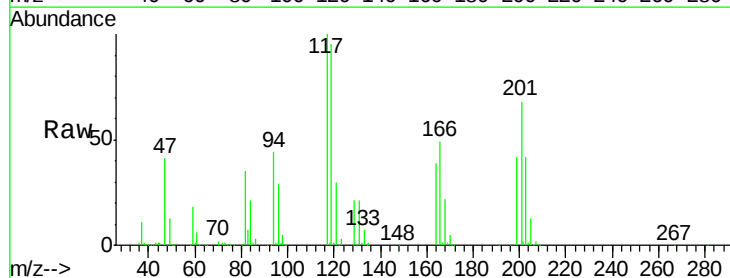
Manual Integrations
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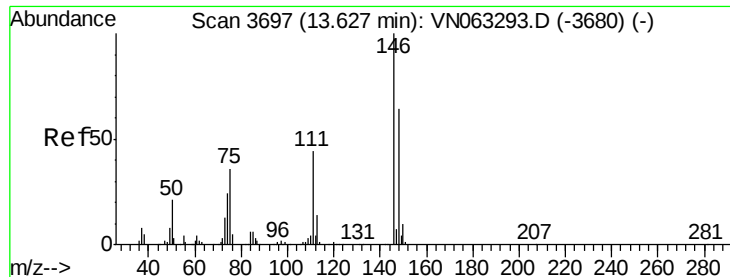
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#90
Hexachloroethane
Concen: 49.911 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Tgt Ion: 117 Resp: 203016
Ion Ratio Lower Upper
117 100
201 66.9 33.5 100.4





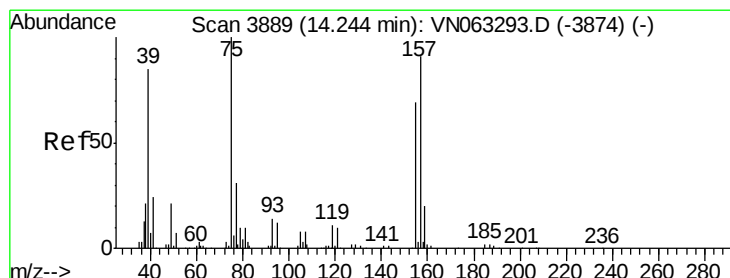
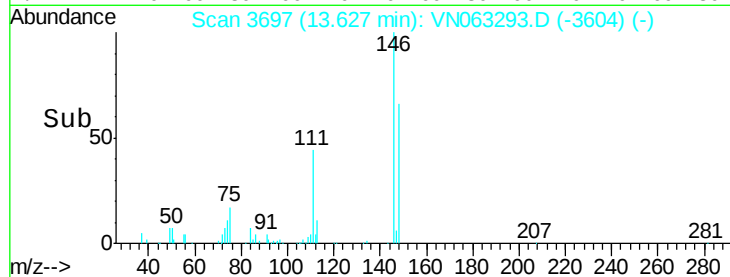
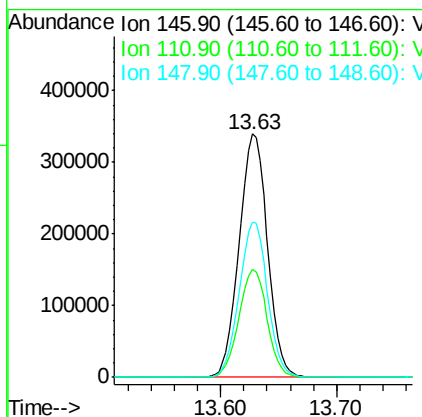
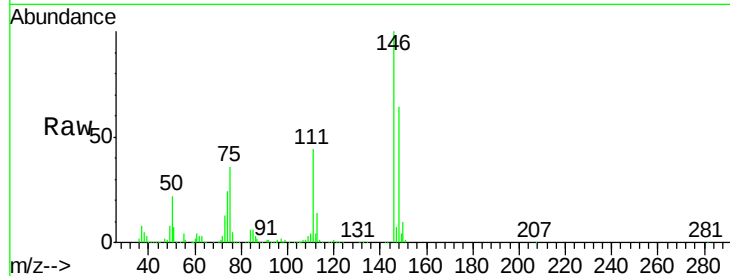
#91
 1,2-Dichlorobenzene
 Concen: 53.139 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

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

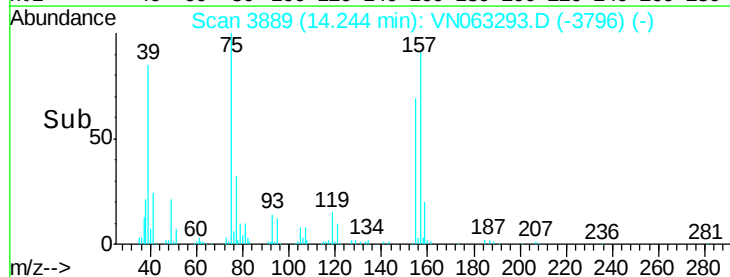
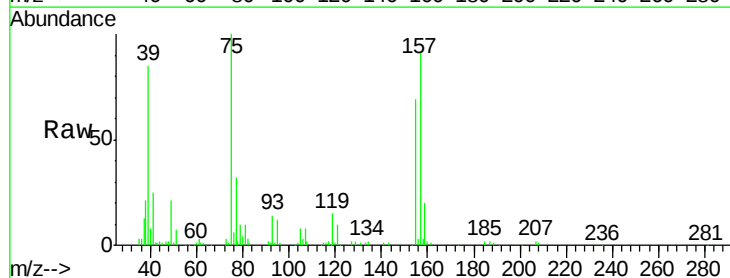
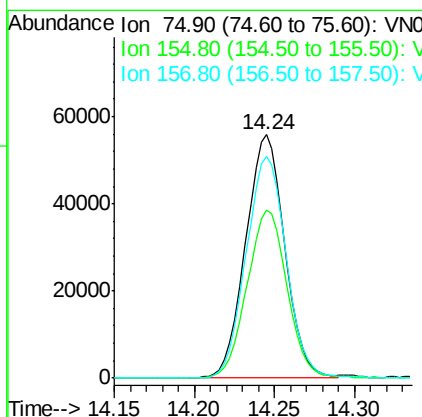
Manual Integrations
 APPROVED

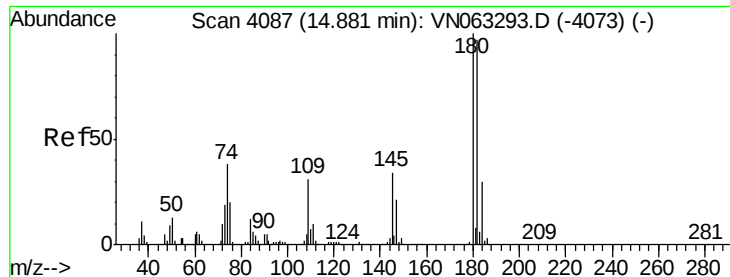
MMDadoda
 9/11/2020 2:02:27 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.468 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.5	35.3	105.7
157	93.3	46.7	140.0





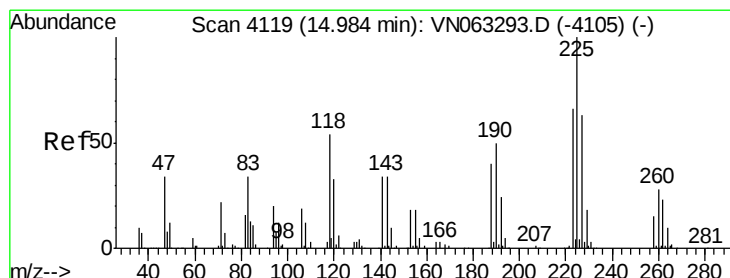
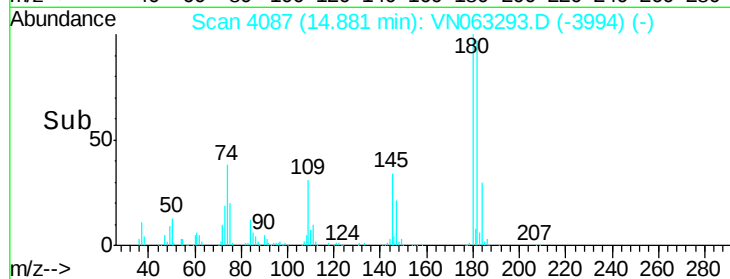
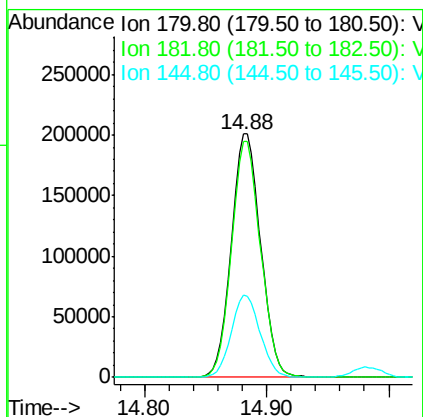
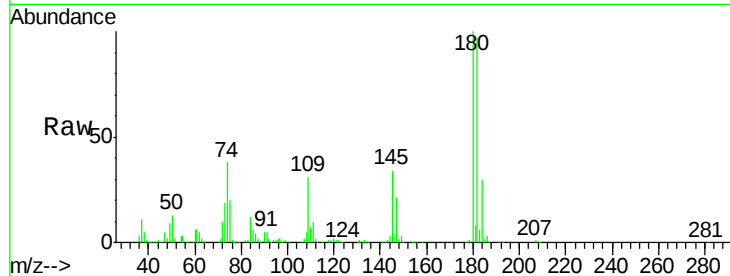
#93
 1,2,4-Trichlorobenzene
 Concen: 54.962 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.1	48.0	144.2	
145	33.2	16.6	49.8	

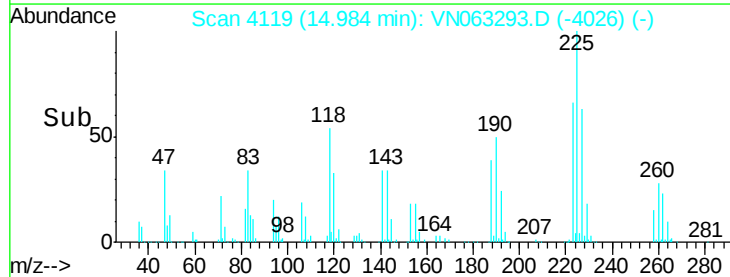
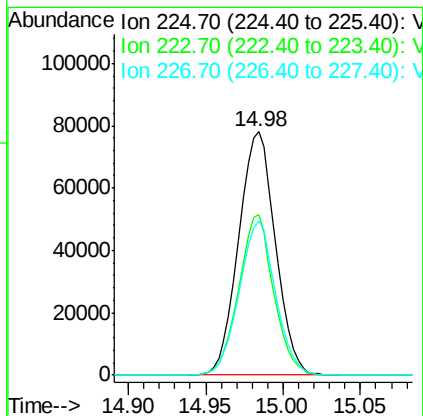
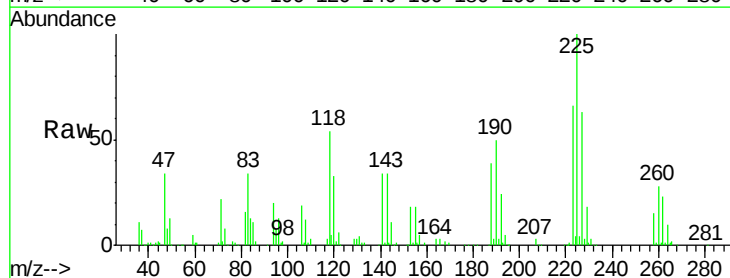
Manual Integrations
 APPROVED

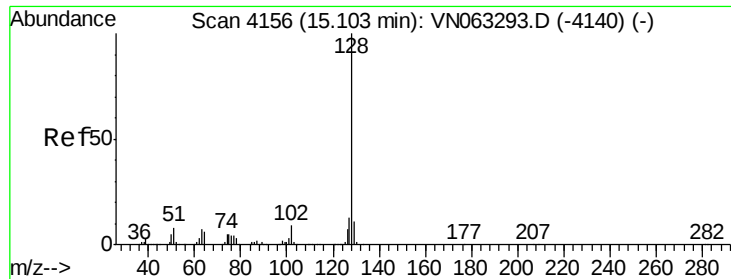
MMDadoda
 9/11/2020 2:02:27 PM



#94
 Hexachlorobutadiene
 Concen: 55.690 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063293.D
 Acq: 10 Sep 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	31.3	93.9	
227	62.4	31.2	93.6	





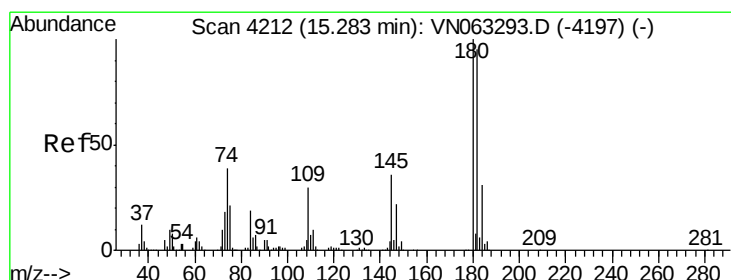
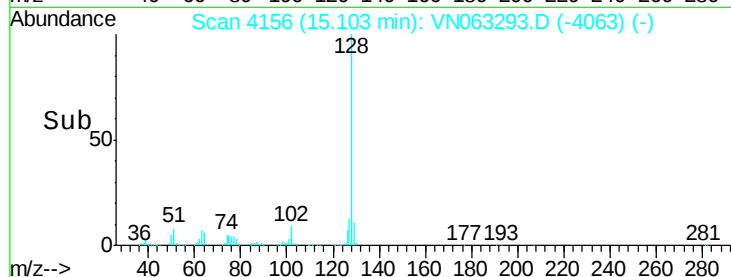
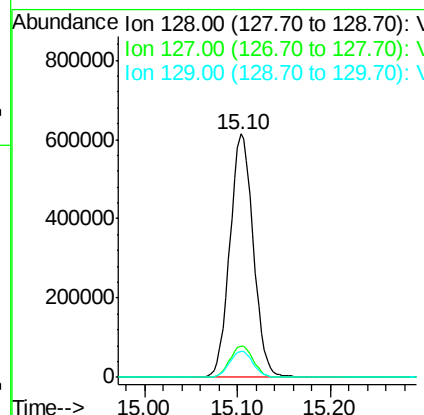
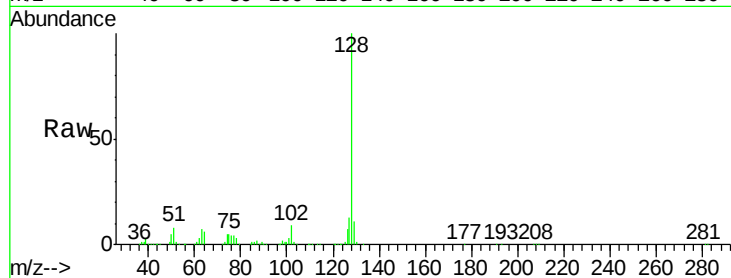
#95
Naphthalene
Concen: 53.750 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.7	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
9/11/2020 2:02:27 PM



#96
1,2,3-Trichlorobenzene
Concen: 53.704 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN063293.D
Acq: 10 Sep 2020 13:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.4	142.3
145	34.4	17.2	51.6

