

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
 Data File : VN063044.D
 Acq On : 20 Aug 2020 18:25
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 9:20:55 AM

Quant Time: Aug 21 06:35:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Aug 20 14:01:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	28160	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	142154	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	138331	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	60628	30.39	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.30%
60) 4-Bromofluorobenzene	12.38	95	66564	30.45	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.50%
63) Toluene-d8	10.06	98	192643	30.34	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.13%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	42607	21.162	ug/l 99
3) Chloromethane	2.03	50	48535	21.785	ug/l 98
4) Vinyl Chloride	2.16	62	46885	20.905	ug/l 98
5) Bromomethane	2.49	94	24477	17.705	ug/l 96
6) Chloroethane	2.64	64	27127	20.465	ug/l 99
7) Trichlorofluoromethane	2.97	101	54638	20.202	ug/l 99
8) Diethyl Ether	3.37	74	17760	19.744	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	27559	18.845	ug/l 97
10) 1,1-Dichloroethene	3.69	96	24746	18.831	ug/l 94
11) Methyl Iodide	3.91	142	34706	19.249	ug/l 98
12) Methyl Acetate	4.28	43	35954	20.526	ug/l 93
13) Acrolein	3.57	56	15434	85.973	ug/l 95
14) Acrylonitrile	4.93	53	76758	100.078	ug/l 94
15) Acetone	3.78	58	19804	89.217	ug/l 94
16) Carbon Disulfide	4.00	76	67258	19.065	ug/l 100
17) Allyl chloride	4.27	41	44204	18.332	ug/l 99
18) Methylene Chloride	4.50	84	48773	26.527	ug/l 98
19) trans-1,2-Dichloroethene	4.99	96	27717	19.181	ug/l 97
20) Diisopropyl ether	5.90	45	113816	20.153	ug/l 99
21) 1,1-Dichloroethane	5.80	63	60844	19.631	ug/l 98
22) cis-1,2-Dichloroethene	6.78	96	34119	19.053	ug/l 97
23) tert-Butyl Alcohol	4.74	59	19806	78.823	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	93325	19.359	ug/l 99
25) Chloroform	7.33	83	61084	19.789	ug/l 100
26) Cyclohexane	7.61	56	50701	19.002	ug/l # 99
29) 1,1-Dichloropropene	7.75	75	38669	18.731	ug/l 98
30) 2-Butanone	6.79	43	94610	98.325	ug/l 100
31) 2,2-Dichloropropane	6.78	77	43641	17.392	ug/l 99
32) 1,1,1-Trichloroethane	7.53	97	49487	19.903	ug/l 99
33) Carbon Tetrachloride	7.73	117	42220	19.940	ug/l 97
34) Benzene	8.00	78	132580	20.040	ug/l 99
35) Methacrylonitrile	7.13	41	16542	18.088	ug/l 94
36) 1,2-Dichloroethane	8.08	62	45429	20.128	ug/l 99
37) Trichloroethene	8.80	130	31146	19.224	ug/l 95
38) Methylcyclohexane	9.05	83	45650	17.630	ug/l 98
39) 1,2-Dichloropropane	9.08	63	39105	20.310	ug/l 97
40) Dibromomethane	9.17	93	23353	20.890	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	48697	19.657	ug/l	97
42) Vinyl Acetate	5.84	43	347033	95.206	ug/l	99
43) Ethyl Acetate	6.88	43	38860	21.159	ug/l	99
44) Isopropyl Acetate	8.13	43	62899	20.401	ug/l	99
45) 1,4-Dioxane	9.17	88	7387	255.816	ug/l	94
46) Methyl methacrylate	9.17	41	29651	19.533	ug/l	98
47) n-amyl Acetate	12.05	43	54744	20.005	ug/l	99
48) t-1,3-Dichloropropene	10.35	75	49160	18.790	ug/l	95
49) cis-1,3-Dichloropropene	9.81	75	54084	18.991	ug/l	97
50) 1,1,2-Trichloroethane	10.54	97	35459	20.572	ug/l	97
51) Ethyl methacrylate	10.40	69	45296	19.316	ug/l	97
52) 1,3-Dichloropropane	10.68	76	57899	20.332	ug/l	100
53) Dibromochloromethane	10.88	129	38028	20.105	ug/l	100
54) 1,2-Dibromoethane	10.98	107	33753	20.413	ug/l	99
55) 2-Chloroethyl vinyl ether	9.66	63	55609	115.446	ug/l	99
56) Bromoform	12.10	173	27658	19.969	ug/l	96
58) 4-Methyl-2-Pentanone	9.95	43	211613	106.341	ug/l	99
59) 2-Hexanone	10.72	43	146563	103.247	ug/l	99
61) Tetrachloroethene	10.60	164	29818	19.663	ug/l	94
62) Toluene	10.12	91	142215	19.398	ug/l	100
64) Chlorobenzene	11.41	112	88816	19.579	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.48	131	36072	20.062	ug/l	97
66) Ethyl Benzene	11.49	91	148831	18.623	ug/l	99
67) m/p-Xylenes	11.60	106	115778	38.672	ug/l	99
68) o-Xylene	11.92	106	55229	19.204	ug/l	100
69) Styrene	11.94	104	97683	19.444	ug/l	99
70) Isopropylbenzene	12.23	105	150220	19.202	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	52358	20.870	ug/l	97
72) 1,2,3-Trichloropropane	12.53	75	45354m	20.374	ug/l	
73) Bromobenzene	12.50	156	41458	19.651	ug/l	97
74) n-propylbenzene	12.57	91	178081	18.976	ug/l	100
75) 2-Chlorotoluene	12.65	91	110162	19.696	ug/l	100
76) 1,3,5-Trimethylbenzene	12.71	105	128623	19.265	ug/l	100
77) t-1,4-Dichloro-2-butene	12.28	75	15483	19.679	ug/l	93
78) 4-Chlorotoluene	12.75	91	111273	19.296	ug/l	98
79) tert-butylbenzene	12.97	119	109221	19.443	ug/l	97
80) 1,2,4-Trimethylbenzene	13.02	105	122214	18.805	ug/l	99
81) sec-Butylbenzene	13.15	105	146954	18.990	ug/l	100
82) p-Isopropyltoluene	13.26	119	123912	18.062	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	71977	19.540	ug/l	99
84) 1,4-Dichlorobenzene	13.34	146	68245	18.956	ug/l	99
85) n-Butylbenzene	13.59	91	95616	16.772	ug/l	99
86) Hexachloroethane	13.85	117	26048	19.278	ug/l	99
87) 1,2-Dichlorobenzene	13.63	146	71437	20.249	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.25	75	8091	20.332	ug/l	99
89) 1,2,4-Trichlorobenzene	14.89	180	27262	15.659	ug/l	99
90) Hexachlorobutadiene	14.98	225	22841	17.725	ug/l	98
91) Naphthalene	15.11	128	56670	14.731	ug/l	99
92) 1,2,3-Trichlorobenzene	15.29	180	26517	15.256	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

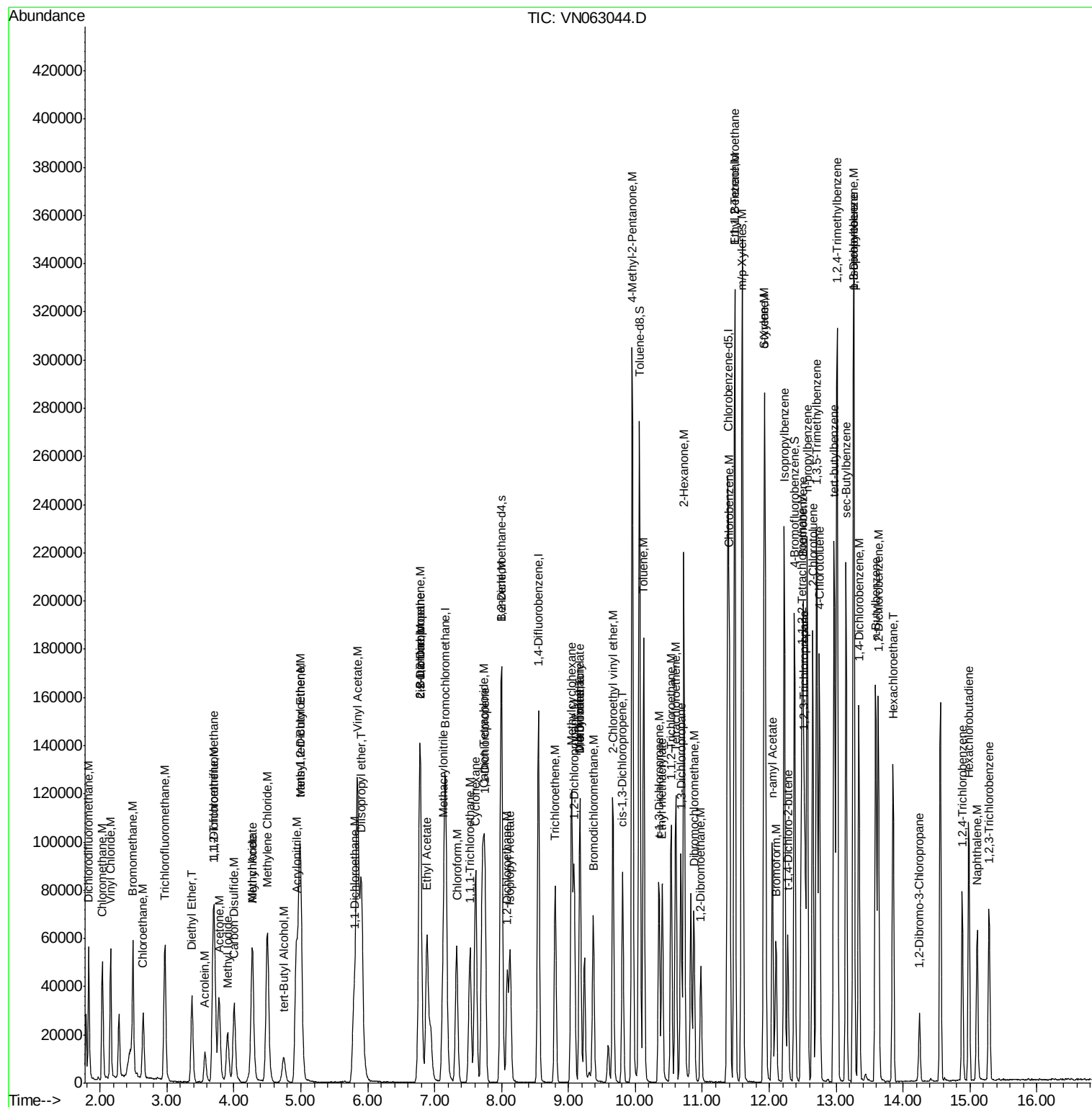
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Data File : VN063044.D
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Operator : JC/MD
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 1

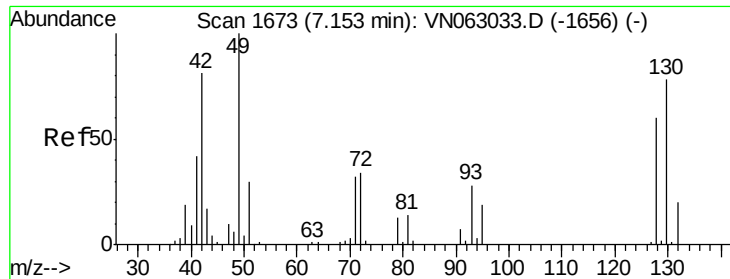
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC020EC

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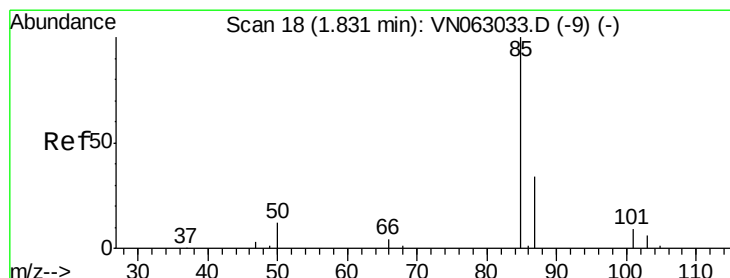
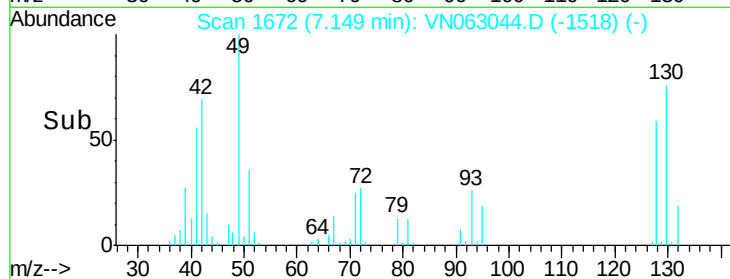
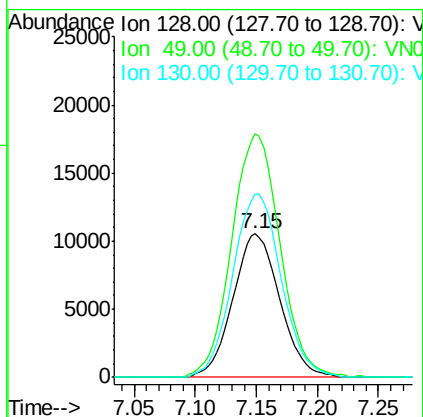
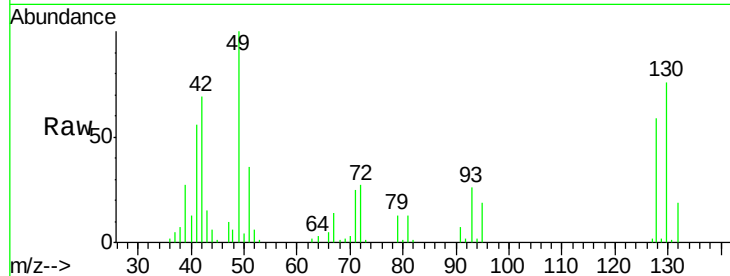
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

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ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
49	174.7	0.0	437.5
130	132.0	0.0	327.3

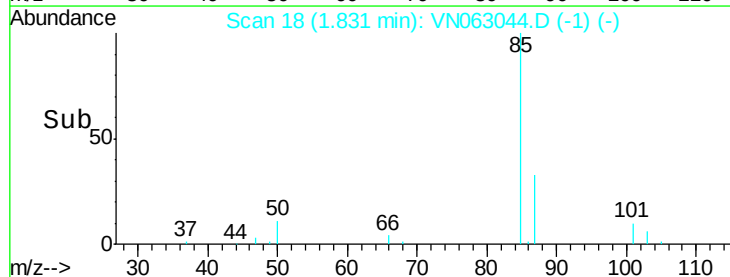
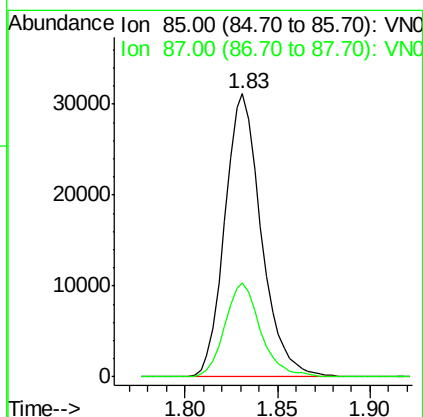
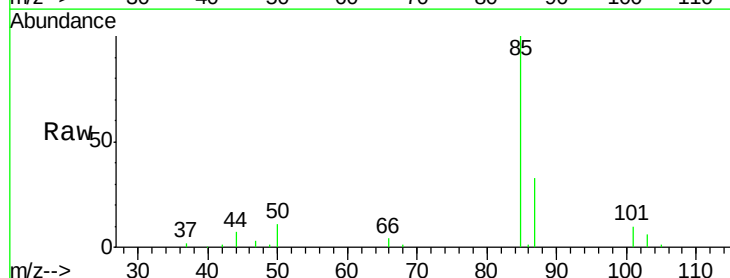
Manual Integrations
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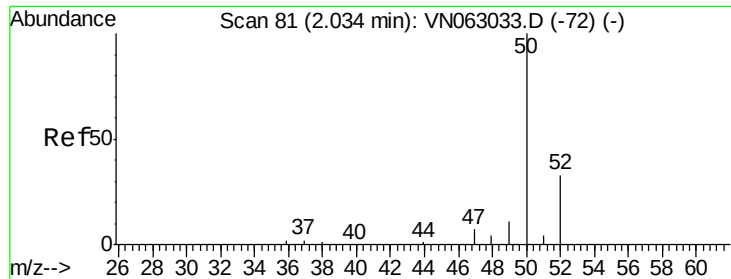
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#2
Dichlorodifluoromethane
Concen: 21.162 ug/l
RT: 1.83 min Scan# 18
Delta R.T. -0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.1	16.9	50.6





#3

Chloromethane

Concen: 21.785 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN063044.D

Acq: 20 Aug 2020 18:25

Tot Ion: 50 Resp: 48535

Ion Ratio Lower Upper

50 100

52 33.6 26.0 39.0

Instrument :

MSVOA_N

ClientSampleId :

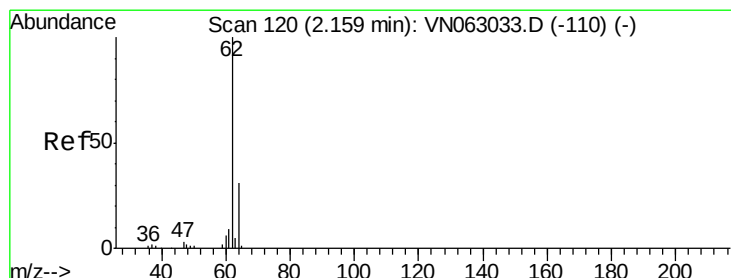
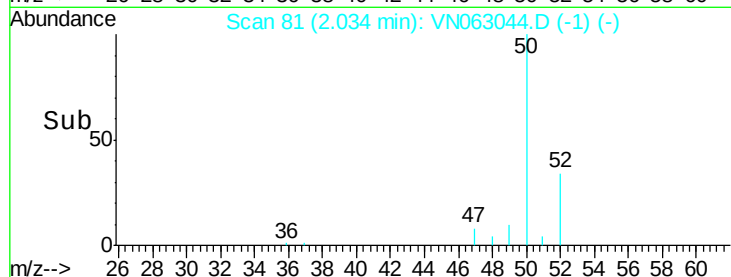
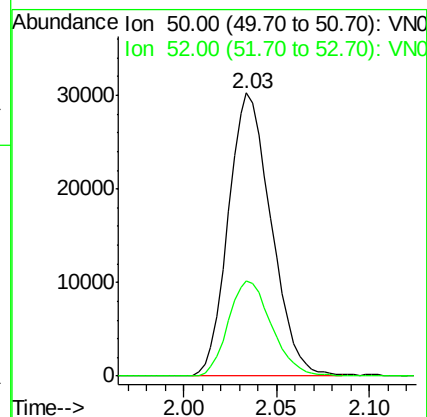
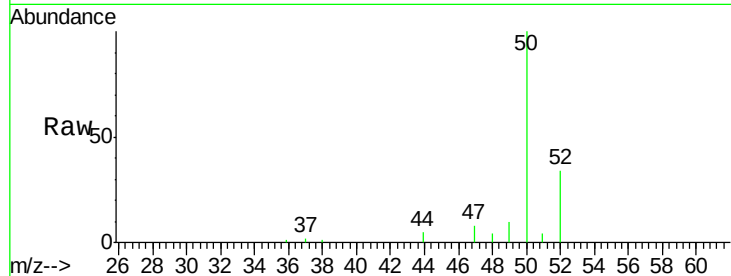
VSTDCCC020EC

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#4

Vinyl Chloride

Concen: 20.905 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN063044.D

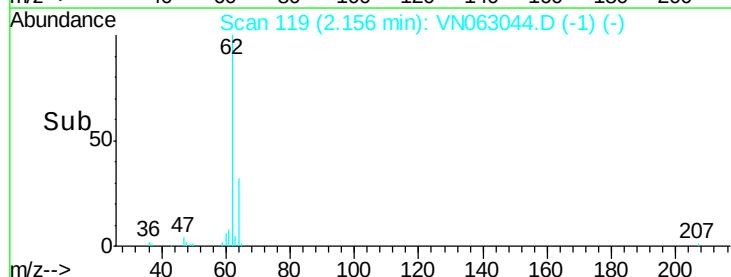
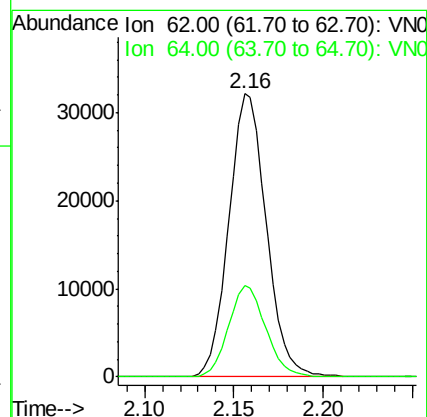
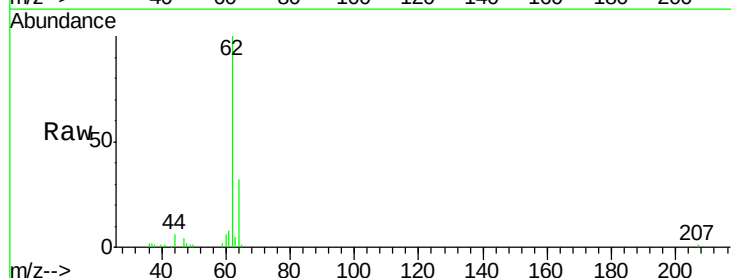
Acq: 20 Aug 2020 18:25

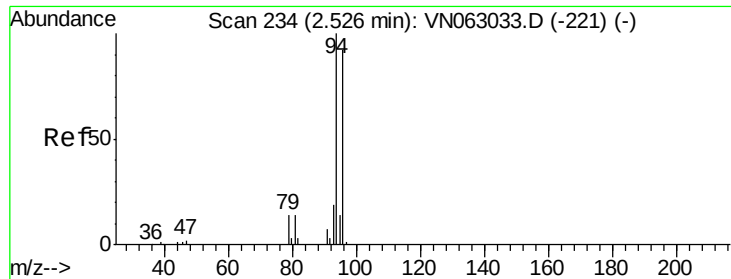
Tgt Ion: 62 Resp: 46885

Ion Ratio Lower Upper

62 100

64 32.3 25.0 37.4





#5

Bromomethane

Concen: 17.705 ug/l

RT: 2.49 min Scan# 224

Delta R.T. -0.03 min

Lab File: VN063044.D

Acq: 20 Aug 2020 18:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 24477

Ion Ratio Lower Upper

94 100

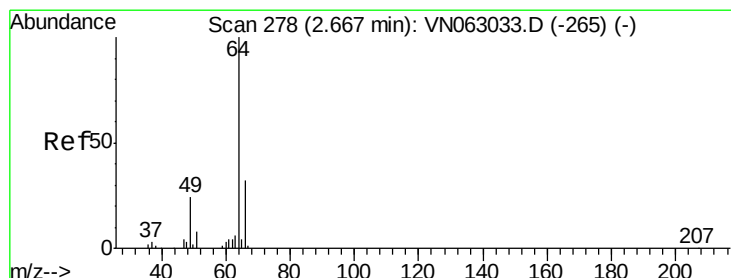
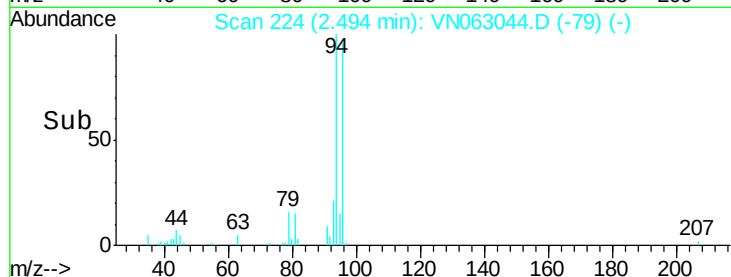
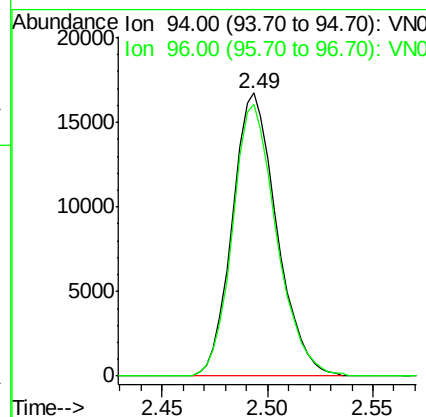
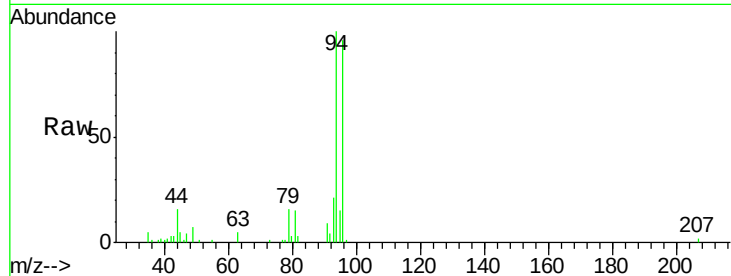
96 96.0 74.0 111.0

Manual Integrations

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#6

Chloroethane

Concen: 20.465 ug/l

RT: 2.64 min Scan# 271

Delta R.T. -0.02 min

Lab File: VN063044.D

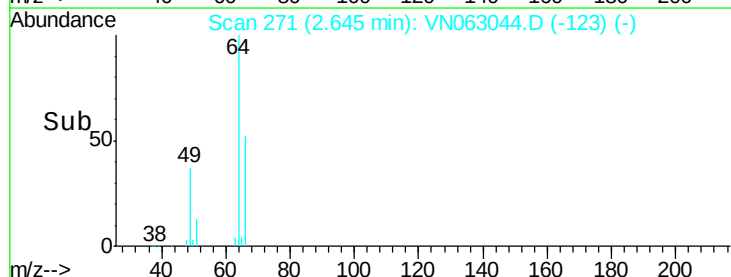
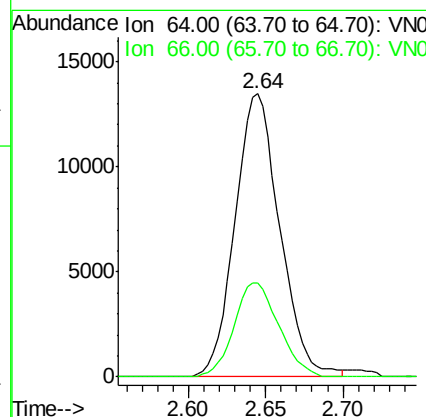
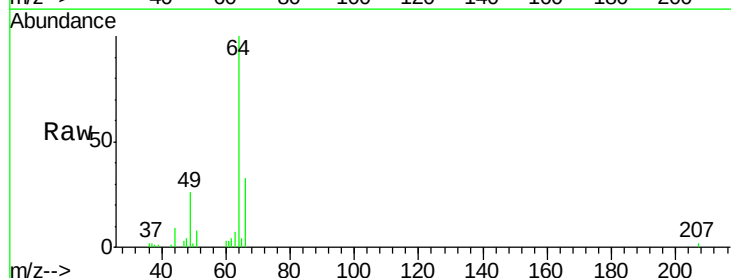
Acq: 20 Aug 2020 18:25

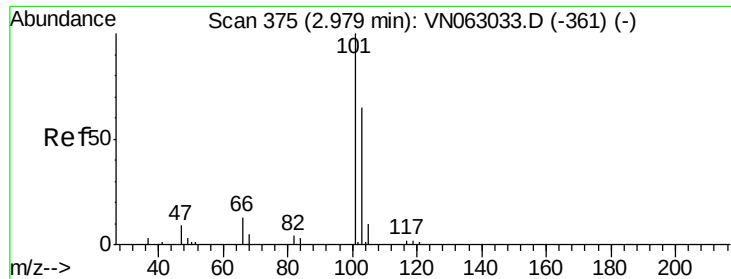
Tgt Ion: 64 Resp: 27127

Ion Ratio Lower Upper

64 100

66 33.1 25.8 38.8





#7

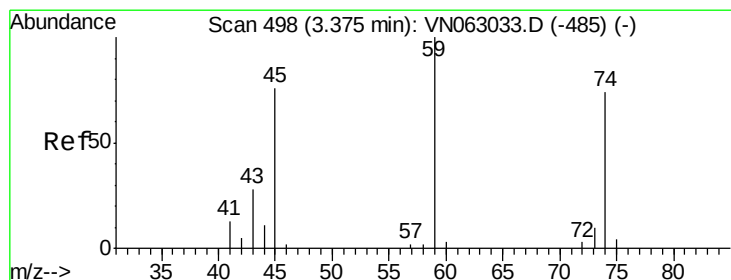
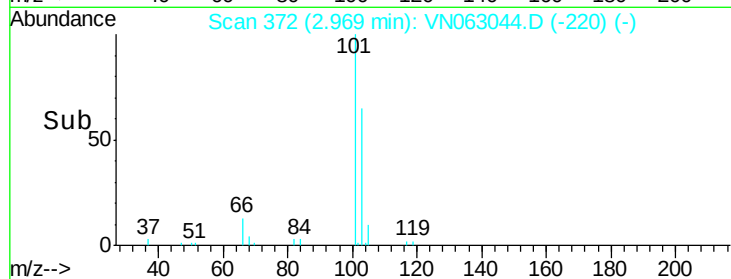
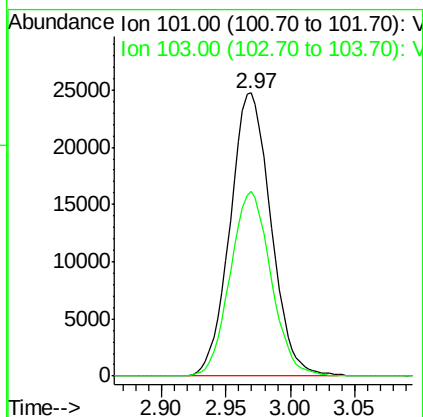
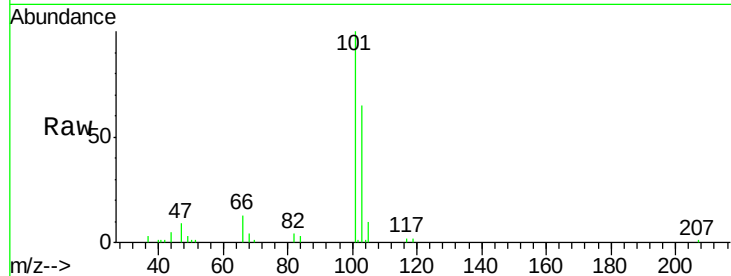
Trichlorofluoromethane
Concen: 20.202 ug/l
RT: 2.97 min Scan# 372
Delta R.T. -0.01 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Instrument :
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ClientSampleId :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		54638		
103	65.5	51.9	77.9		

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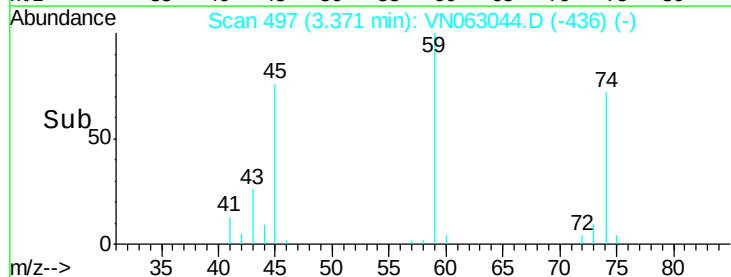
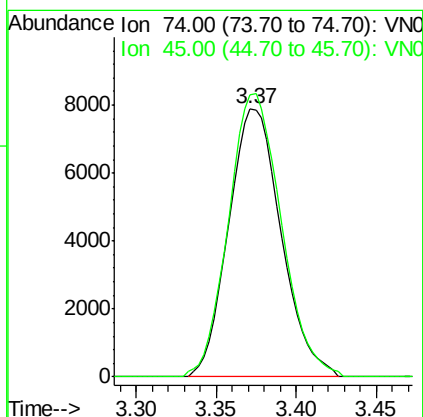
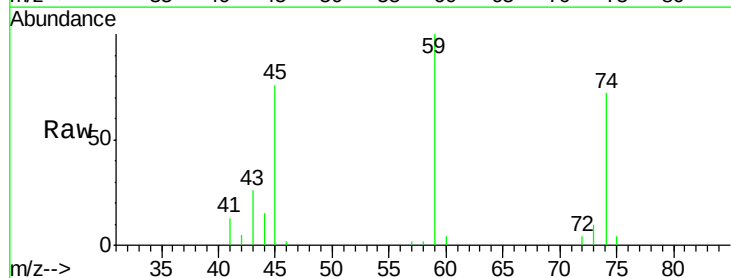
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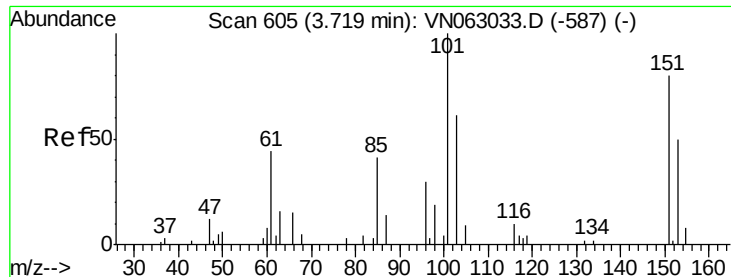


#8

Diethyl Ether
Concen: 19.744 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		17760		
45	106.1	20.6	185.4		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.845 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.01 min

Lab File: VN063044.D

Acq: 20 Aug 2020 18:25

Instrument :

MSVOA_N

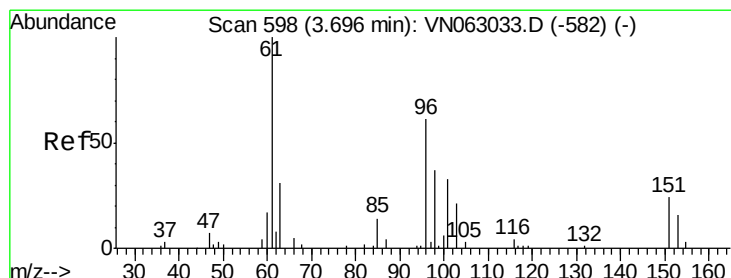
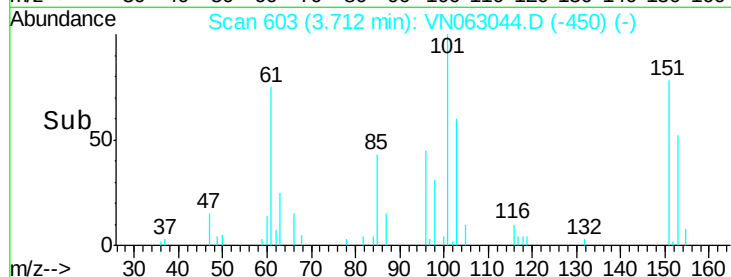
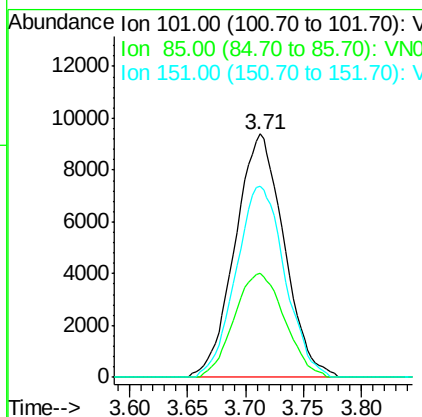
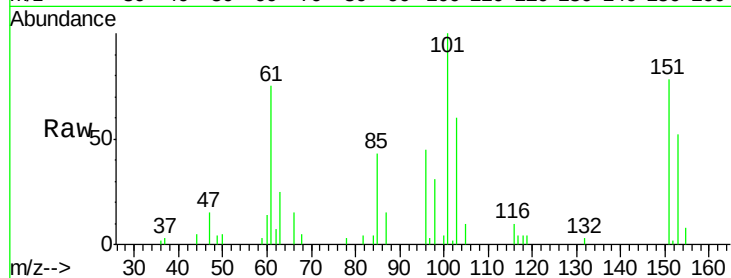
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	27559
Ion Ratio	Lower	Upper	
101	100		
85	44.0	0.0	85.0
151	78.4	0.0	161.6

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#10

1,1-Dichloroethene

Concen: 18.831 ug/l

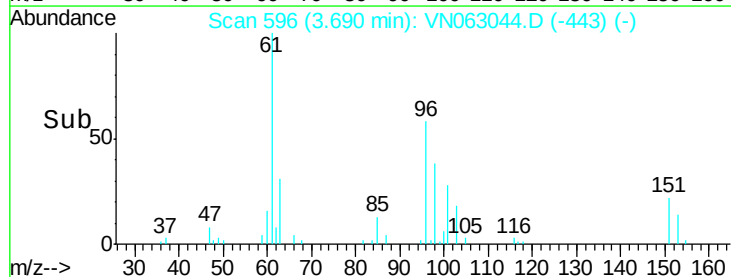
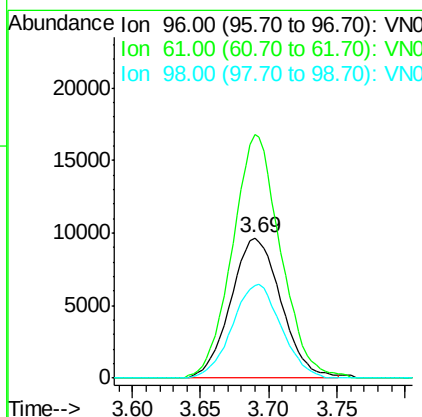
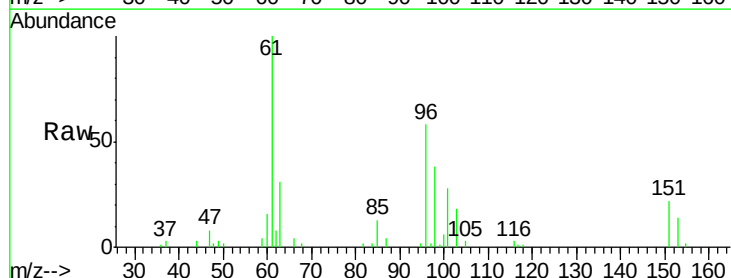
RT: 3.69 min Scan# 596

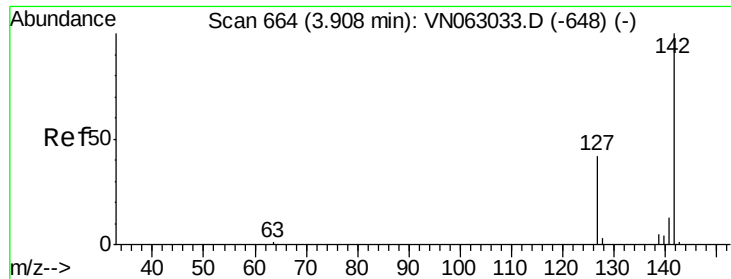
Delta R.T. -0.01 min

Lab File: VN063044.D

Acq: 20 Aug 2020 18:25

Tgt Ion:	96	Resp:	24746
Ion Ratio	Lower	Upper	
96	100		
61	171.7	130.8	196.2
98	66.2	49.0	73.4





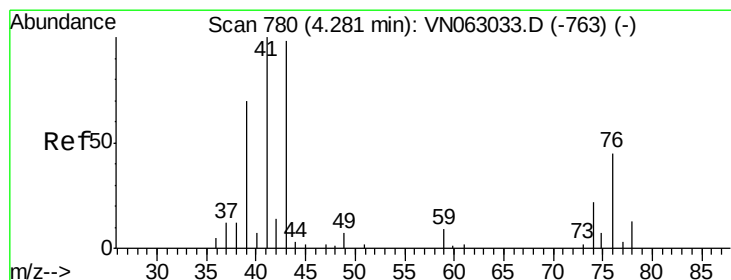
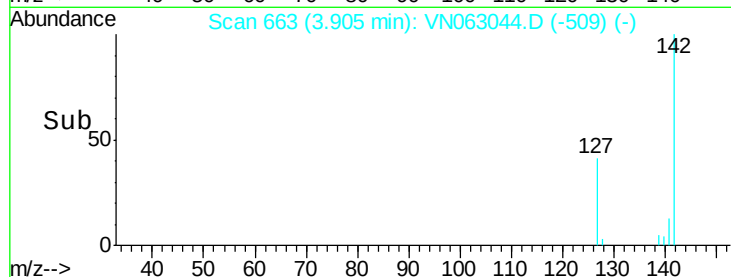
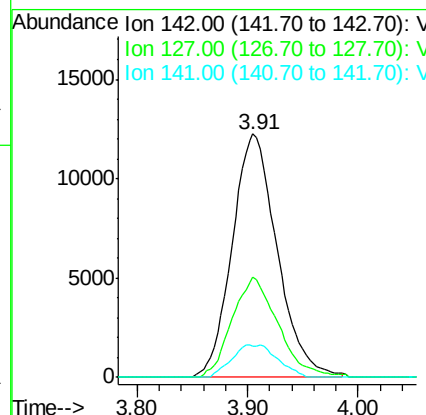
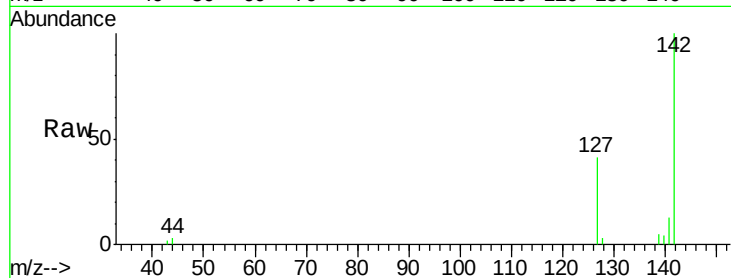
#11
Methyl Iodide
Concen: 19.249 ug/l
RT: 3.91 min Scan# 663
Delta R.T. -0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	40.7	20.9	62.8
141	12.2	6.7	20.1

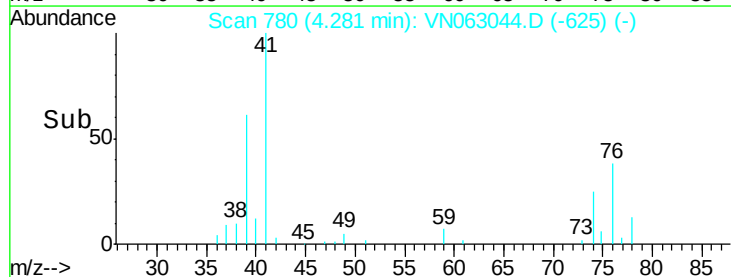
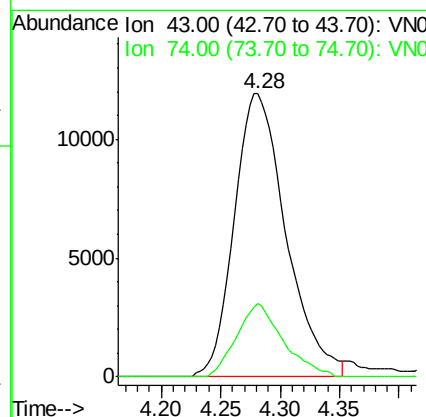
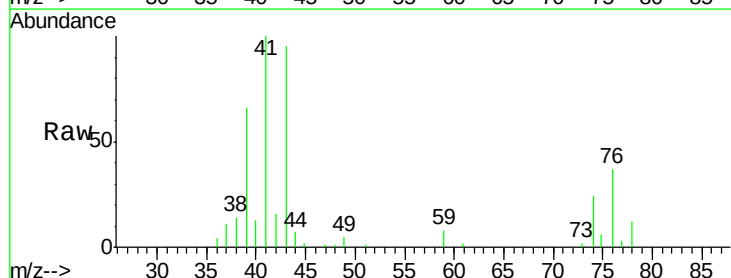
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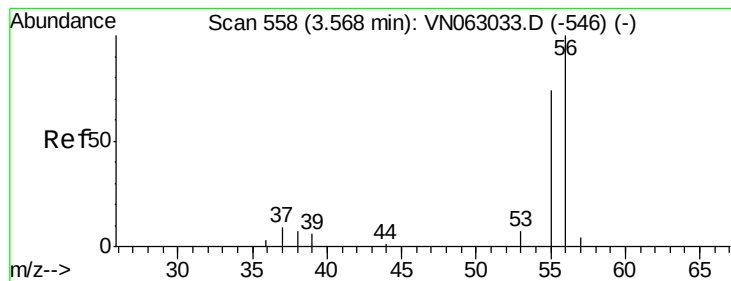
MMDadoda
8/21/2020 9:20:55 AM



#12
Methyl Acetate
Concen: 20.526 ug/l
RT: 4.28 min Scan# 780
Delta R.T. -0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.5	18.6	27.8





#13

Acrolein

Concen: 85.973 ug/l

RT: 3.57 min Scan# 558

Delta R.T. -0.00 min

Lab File: VN063044.D

Acq: 20 Aug 2020 18:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 15434

Ion Ratio Lower Upper

56 100

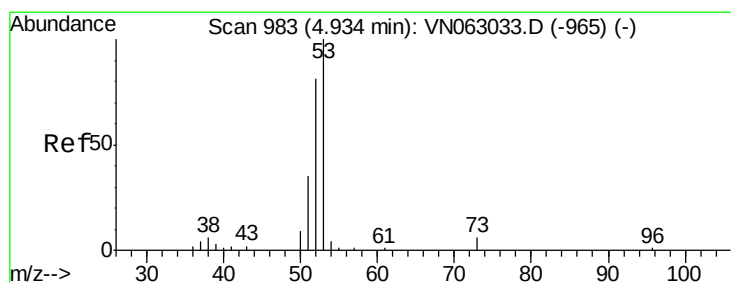
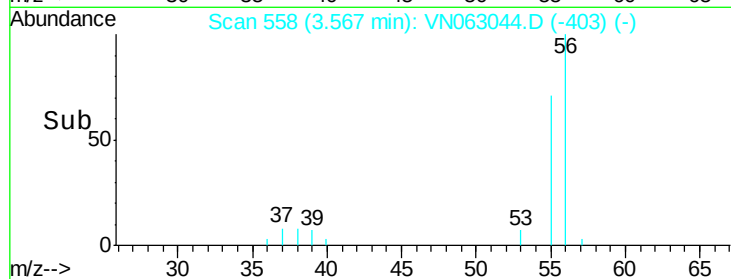
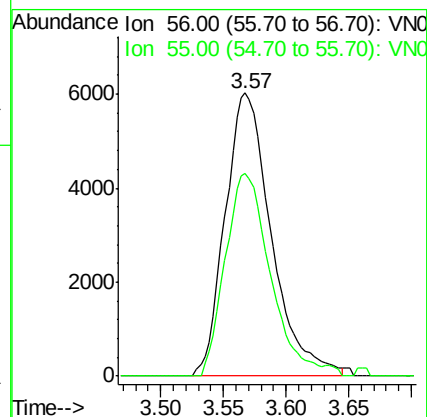
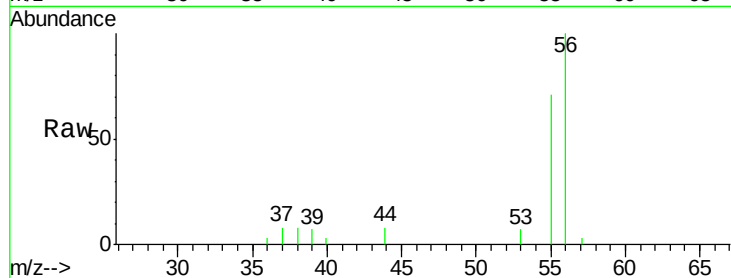
55 69.3 58.7 88.1

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#14

Acrylonitrile

Concen: 100.078 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN063044.D

Acq: 20 Aug 2020 18:25

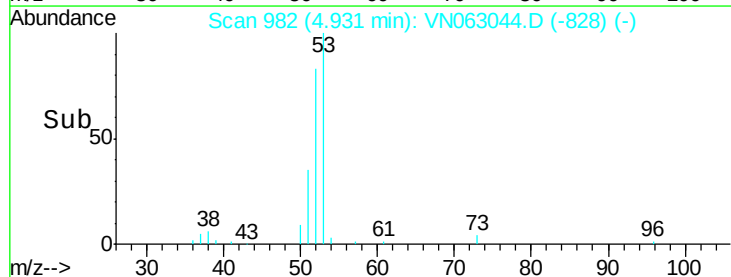
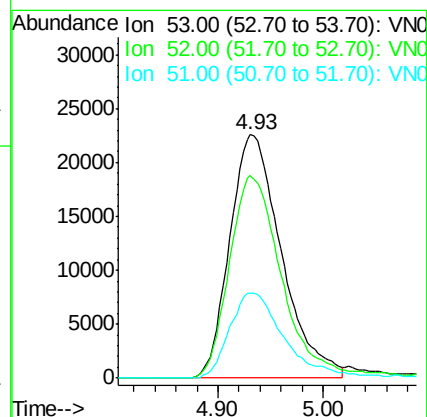
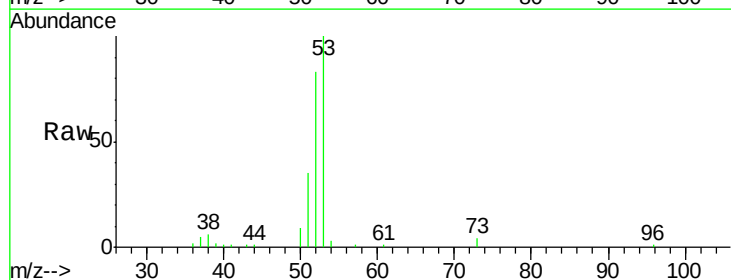
Tgt Ion: 53 Resp: 76758

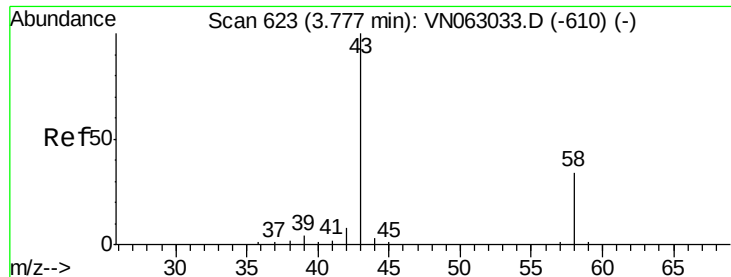
Ion Ratio Lower Upper

53 100

52 85.0 39.9 119.7

51 36.9 17.0 51.0





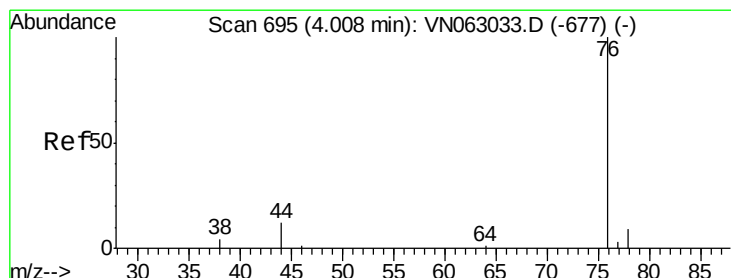
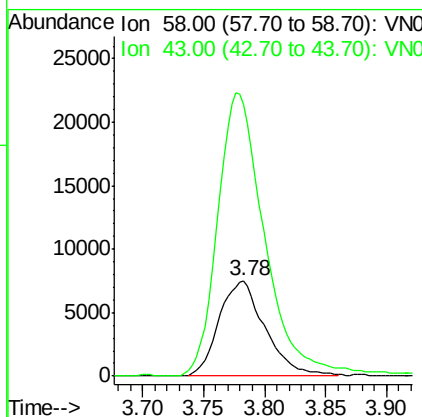
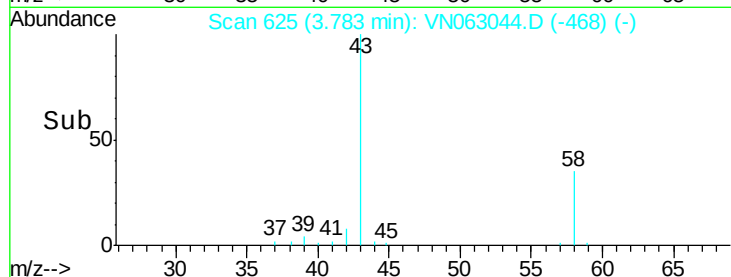
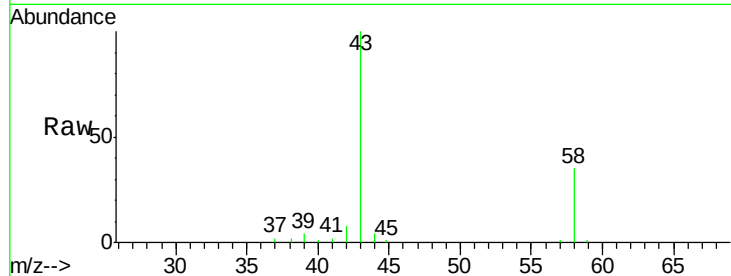
#15
Acetone
Concen: 89.217 ug/l
RT: 3.78 min Scan# 625
Delta R.T. 0.01 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion: 58 Resp: 19804
Ion Ratio Lower Upper
58 100
43 280.2 233.2 349.8

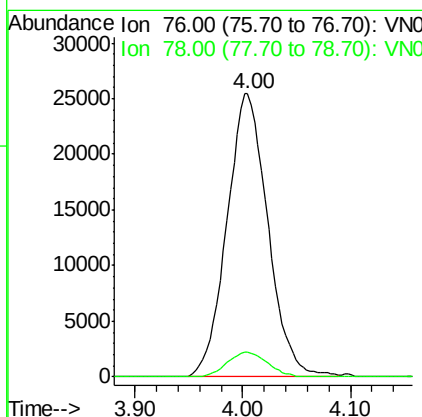
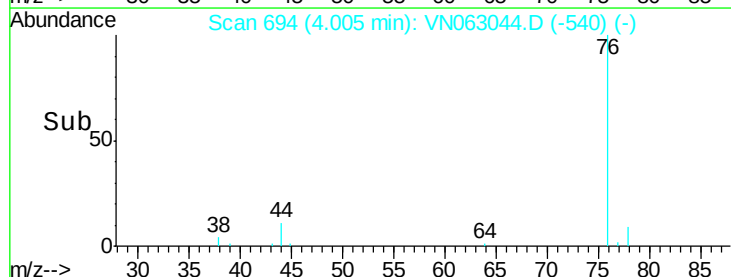
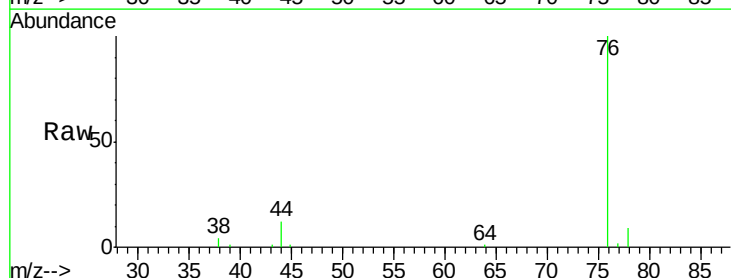
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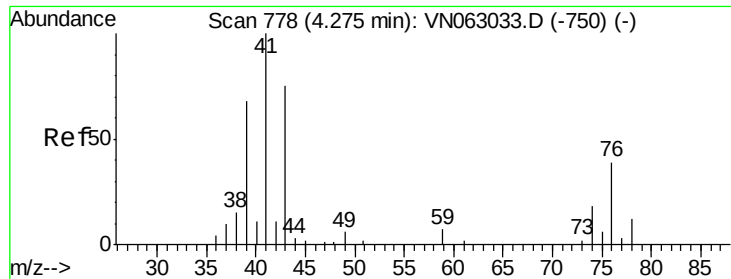
MMDadoda
8/21/2020 9:20:55 AM



#16
Carbon Disulfide
Concen: 19.065 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Tgt Ion: 76 Resp: 67258
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4





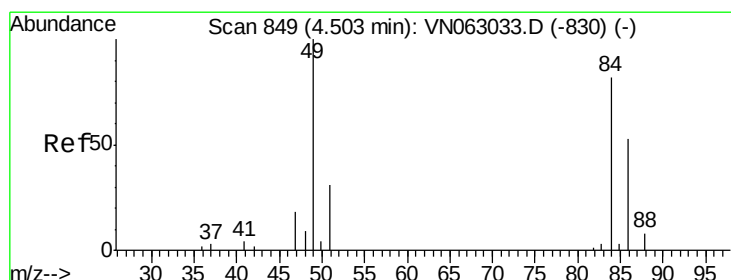
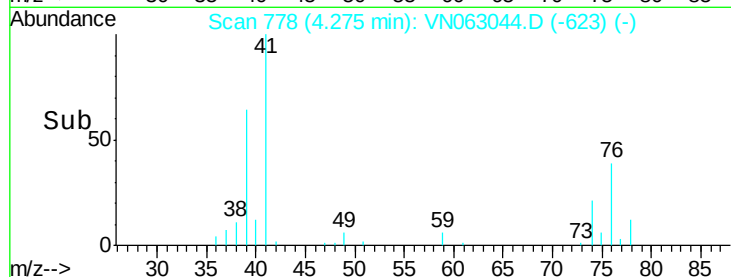
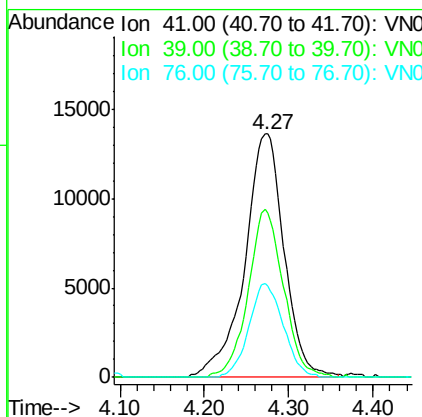
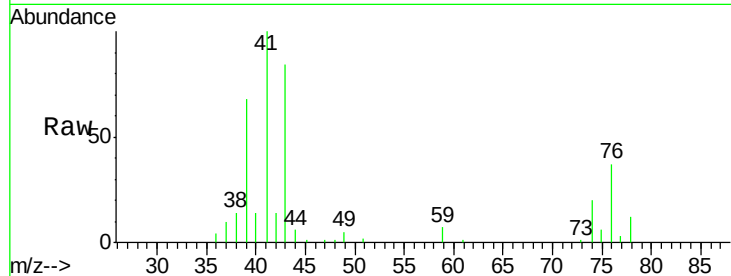
#17
Allvl chloride
Concen: 18.332 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	67.7	33.8	101.4
76	37.4	19.4	58.4

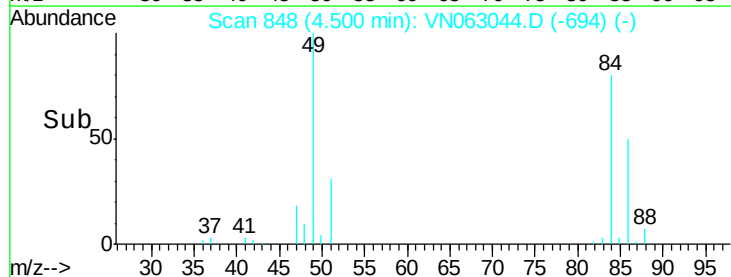
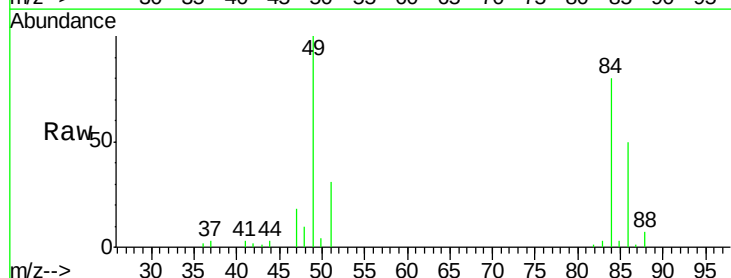
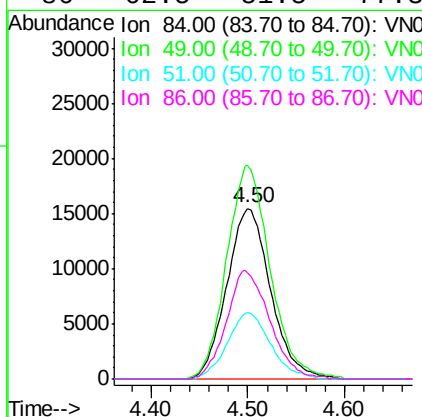
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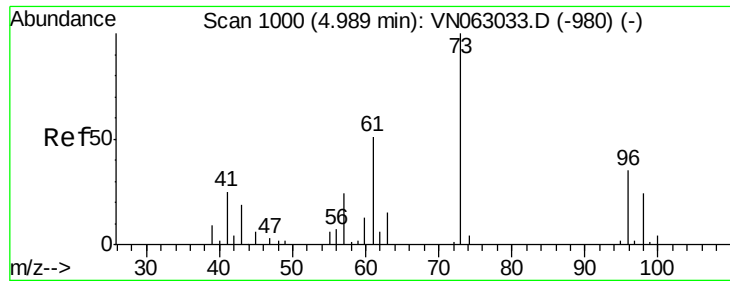
MMDadoda
8/21/2020 9:20:55 AM



#18
Methylene Chloride
Concen: 26.527 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.1	97.8	146.8
51	38.9	30.7	46.1
86	62.5	51.5	77.3





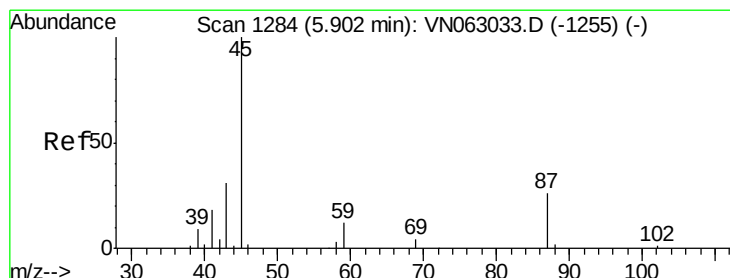
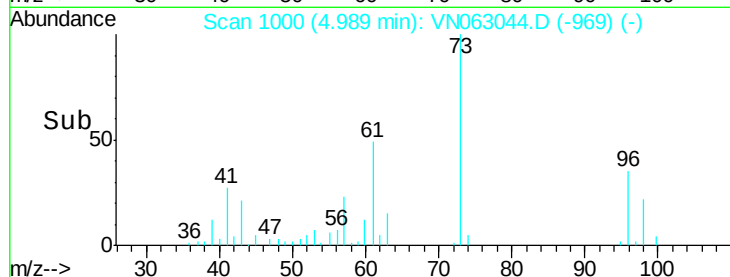
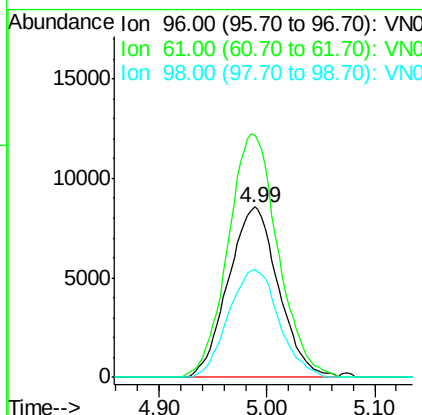
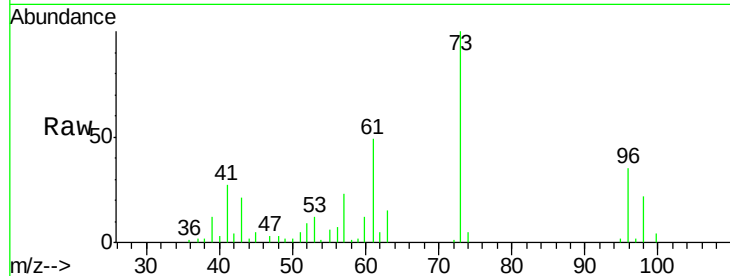
#19
trans-1,2-Dichloroethene
Concen: 19.181 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.3	115.9	173.9
98	63.2	53.3	79.9

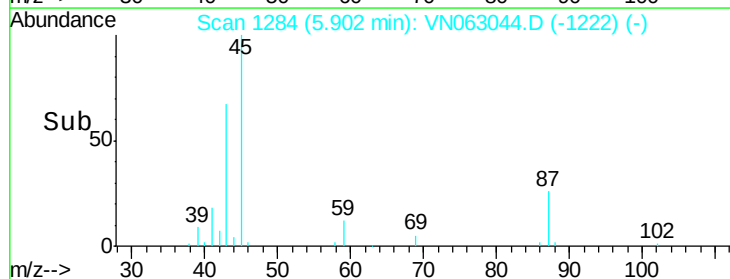
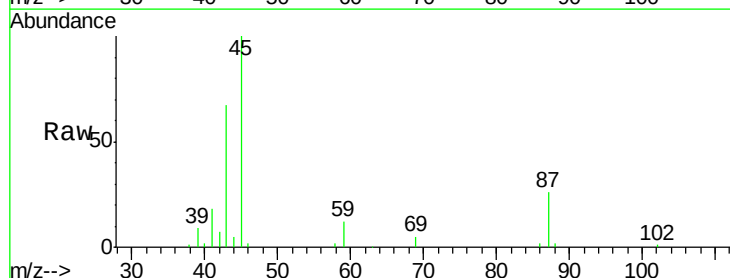
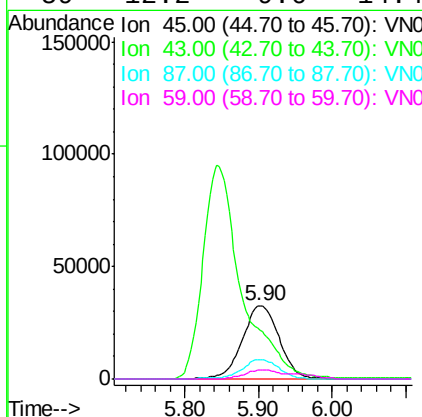
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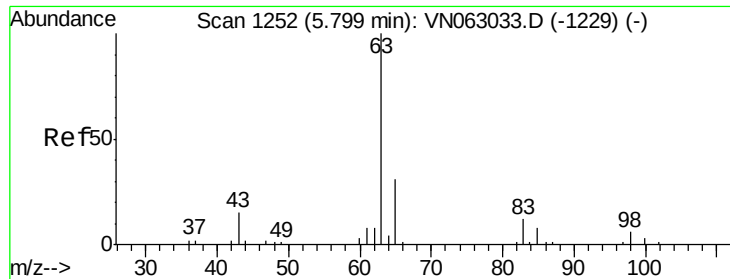
MMDadoda
8/21/2020 9:20:55 AM



#20
Diisopropyl ether
Concen: 20.153 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.5	51.8	77.6
87	26.2	21.8	32.6
59	12.2	9.6	14.4





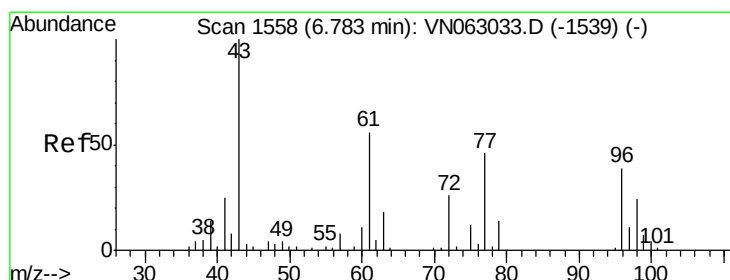
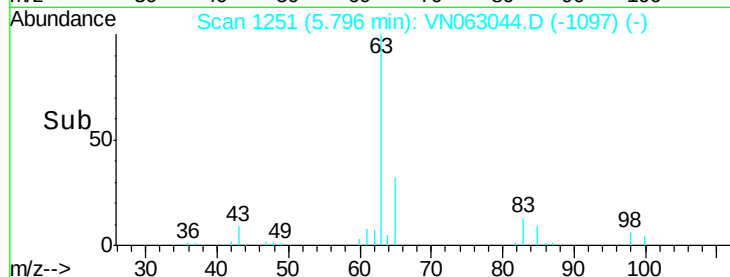
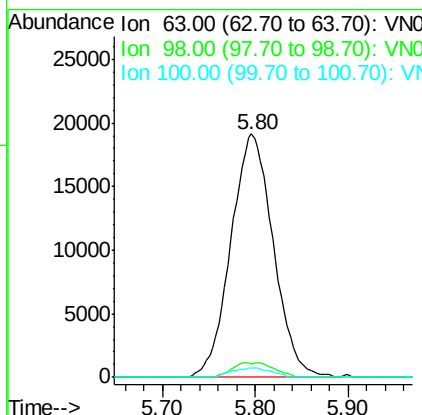
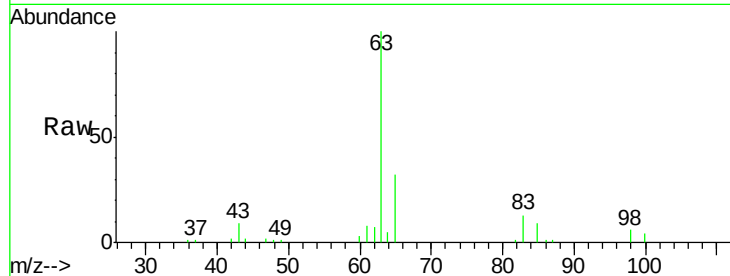
#21
 1,1-Dichloroethane
 Concen: 19.631 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN063044.D
 Acq: 20 Aug 2020 18:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
63	100	60844		
98	5.6		3.1	9.3
100	4.0		1.8	5.3

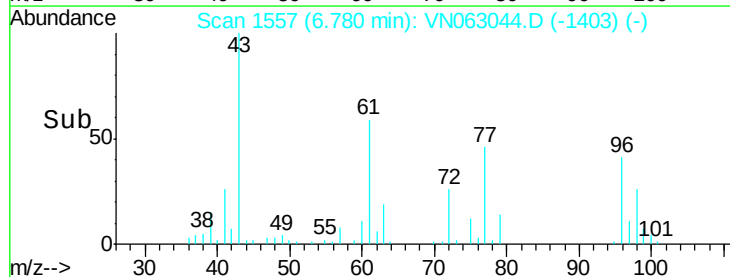
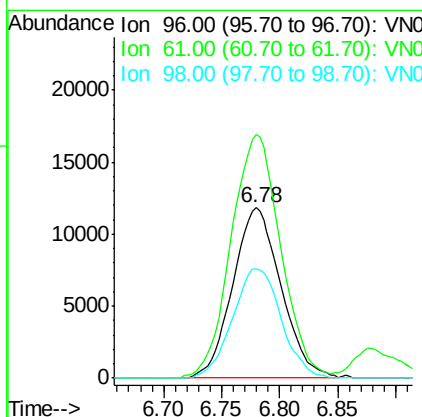
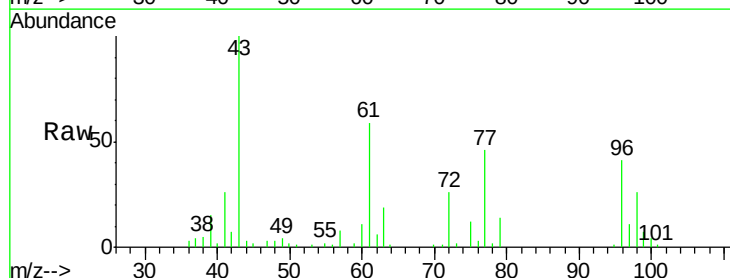
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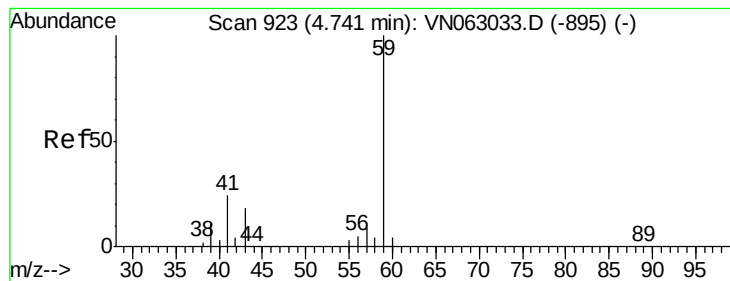
MMDadoda
 8/21/2020 9:20:55 AM



#22
 cis-1,2-Dichloroethene
 Concen: 19.053 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN063044.D
 Acq: 20 Aug 2020 18:25

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	34119		
61	147.0		120.9	181.3
98	64.8		50.3	75.5





#23

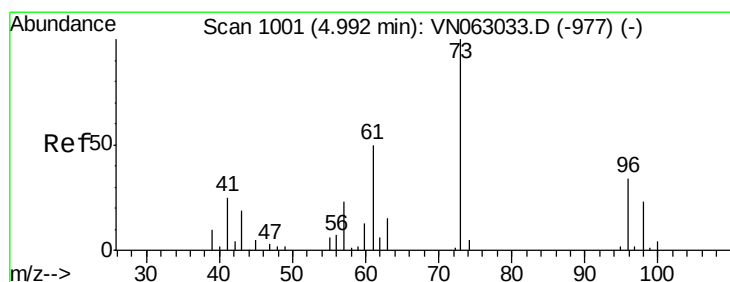
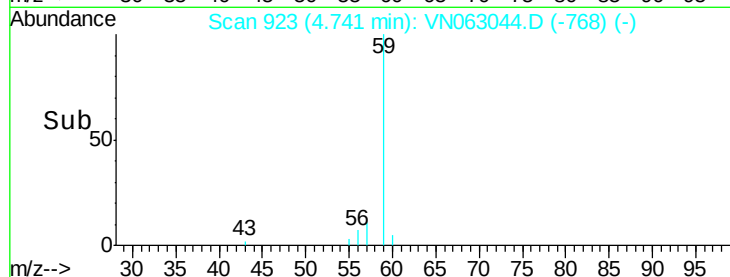
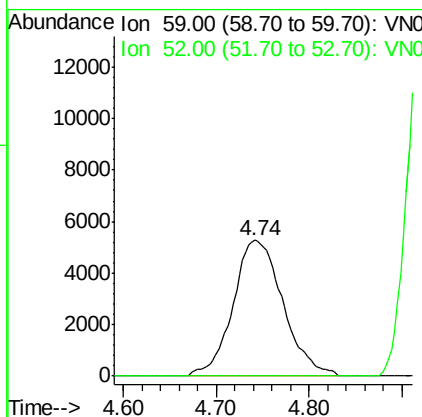
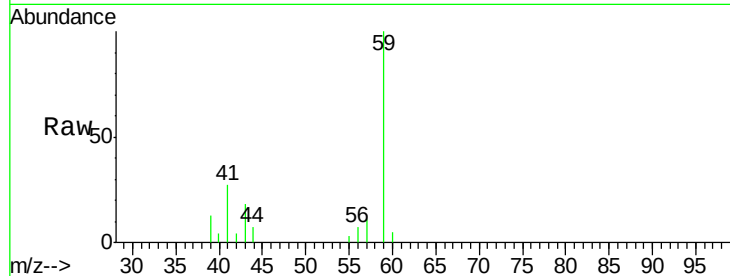
tert-Butyl Alcohol
Concen: 78.823 ug/l
RT: 4.74 min Scan# 923
Delta R.T. -0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	59	52
19806	100	0.0
Resp	Lower	Upper
19806	0.0	0.0

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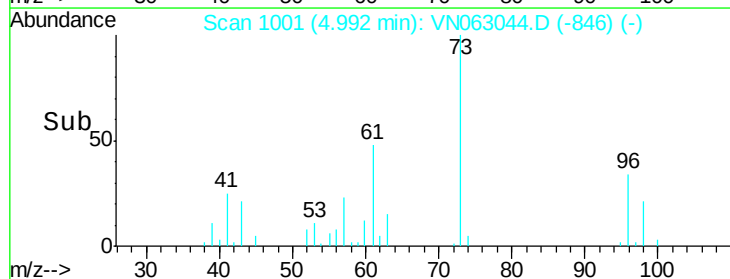
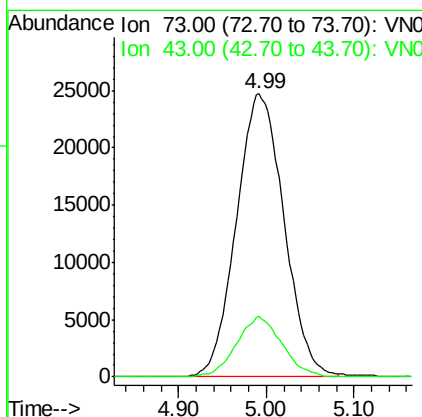
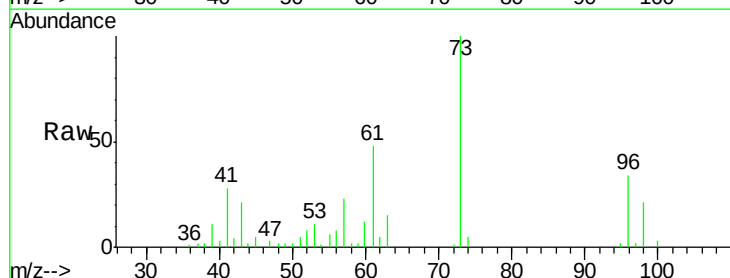
MMDadoda
8/21/2020 9:20:55 AM

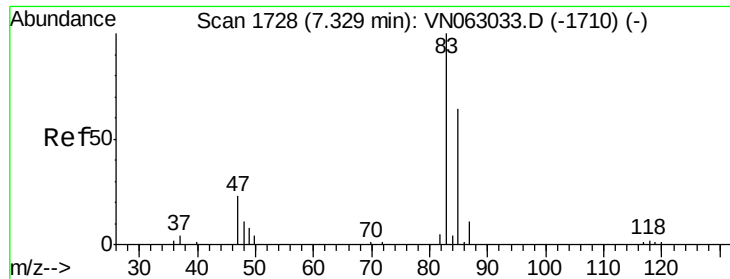


#24

Methyl tert-Butyl Ether
Concen: 19.359 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Tgt Ion	73	43
93325	100	20.2
Resp	Lower	Upper
93325	15.8	23.6





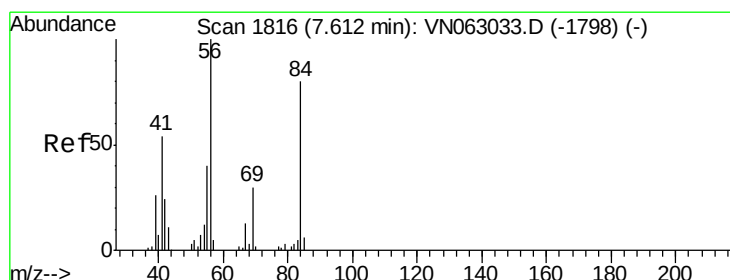
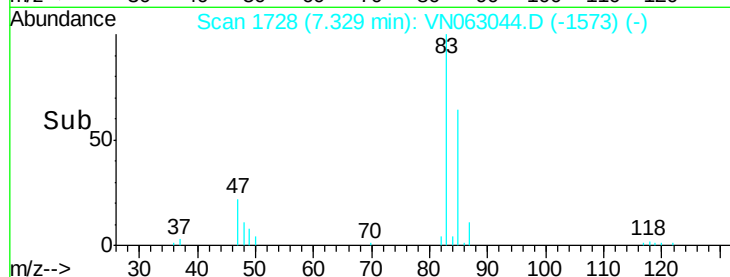
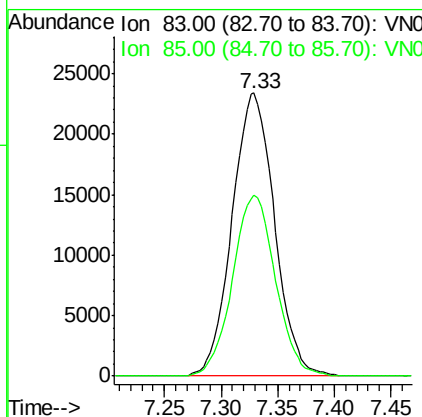
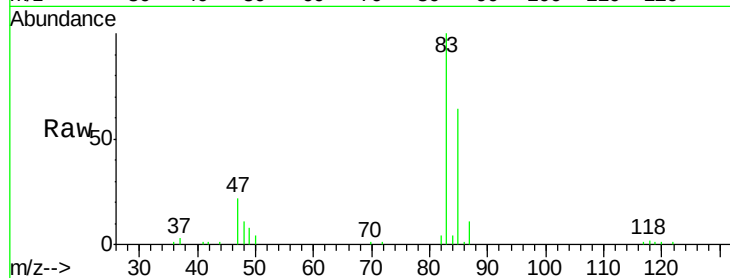
#25
Chloroform
Concen: 19.789 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	83	Resp	61084
Ion Ratio	100	Lower	Upper
83	100		
85	63.8	51.0	76.4

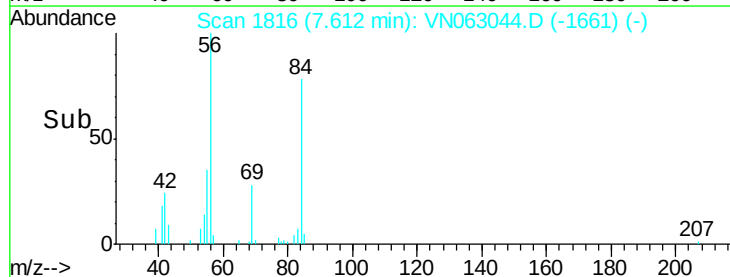
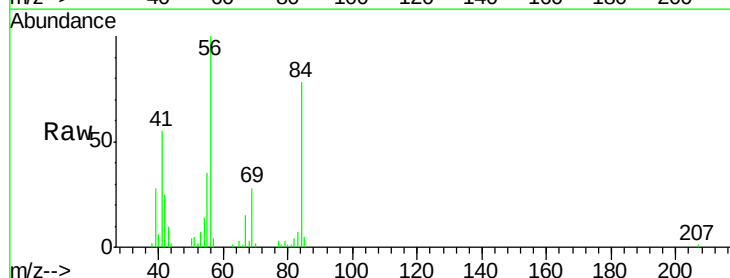
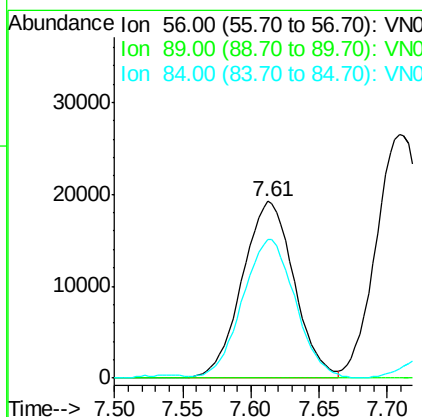
Manual Integrations
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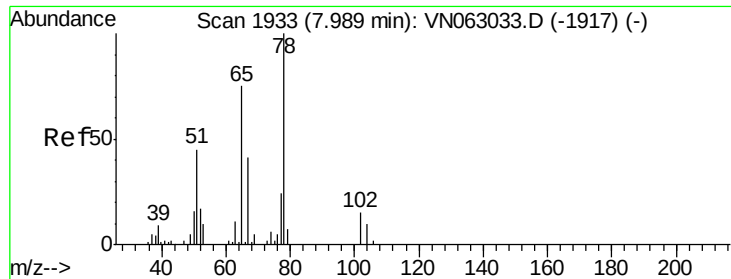
MMDadoda
8/21/2020 9:20:55 AM



#26
Cyclohexane
Concen: 19.002 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Tgt Ion	56	Resp	50701
Ion Ratio	100	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	80.0	65.0	97.4





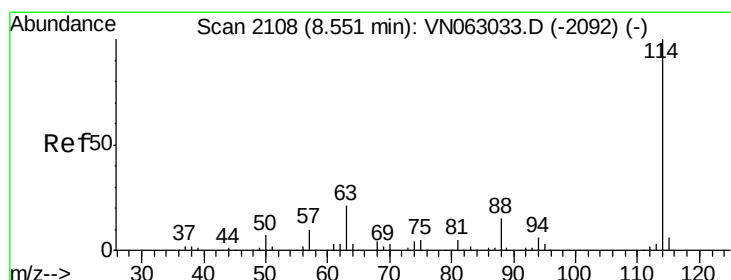
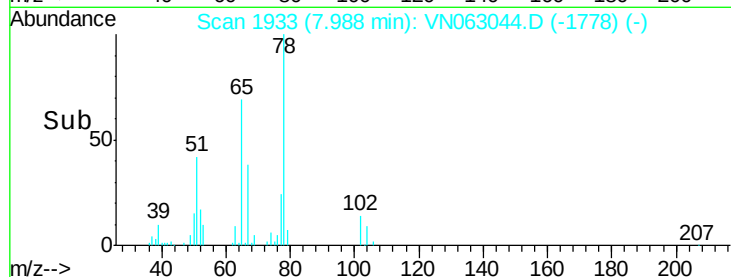
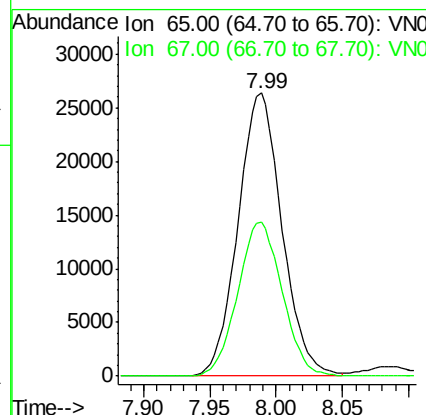
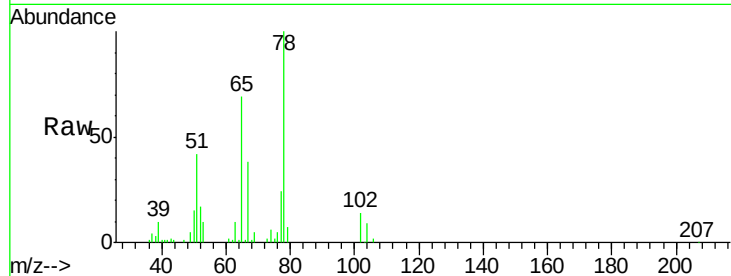
#27
 1,2-Dichloroethane-d4
 Concen: 30.387 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN063044.D
 Acq: 20 Aug 2020 18:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 65 Resp: 60628
 Ion Ratio Lower Upper
 65 100
 67 54.9 43.8 65.6

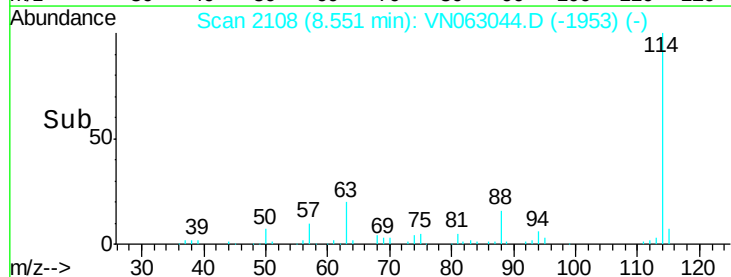
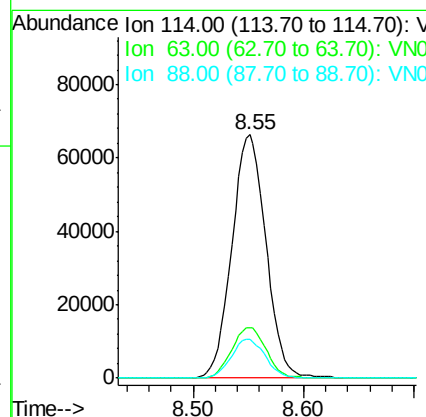
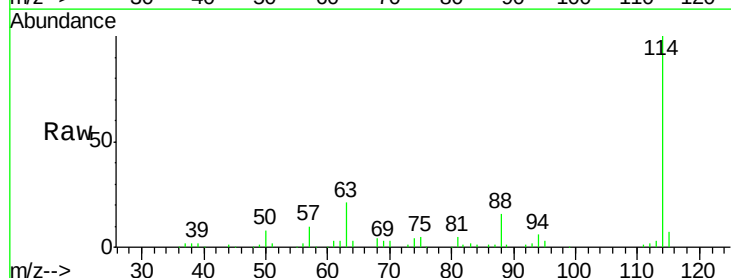
Manual Integrations
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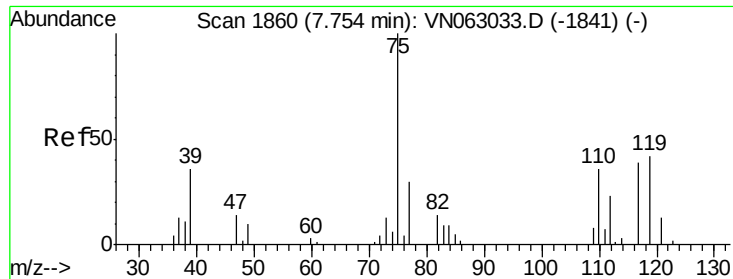
MMDadoda
 8/21/2020 9:20:55 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN063044.D
 Acq: 20 Aug 2020 18:25

Tgt Ion: 114 Resp: 142154
 Ion Ratio Lower Upper
 114 100
 63 20.9 17.0 25.6
 88 15.8 12.6 18.8





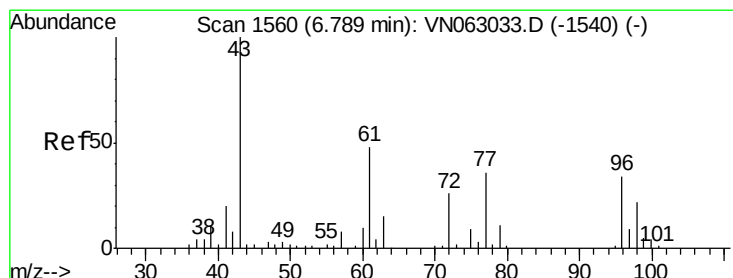
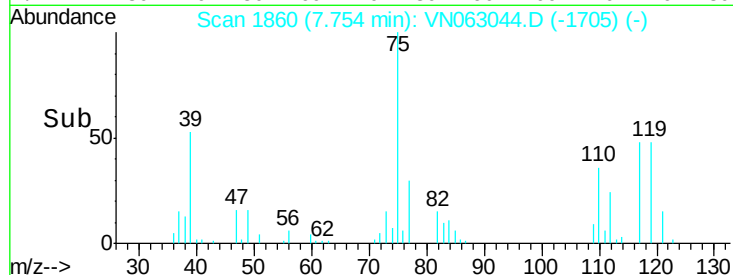
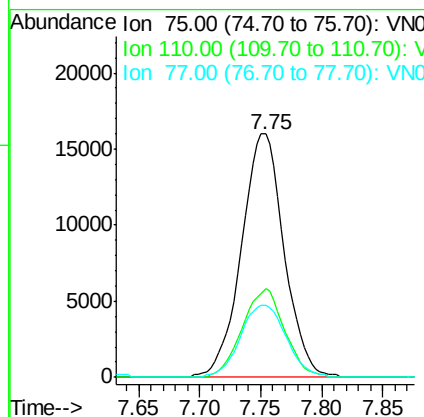
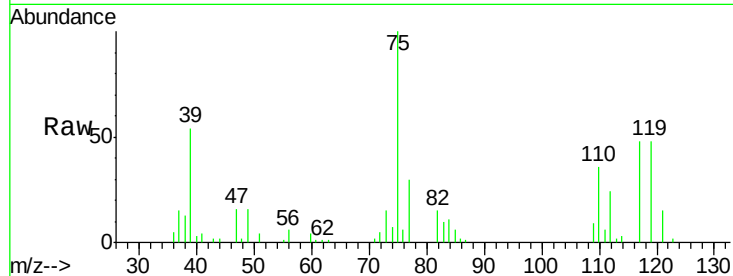
#29
 1,1-Dichloropropene
 Concen: 18.731 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VN063044.D
 Acq: 20 Aug 2020 18:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.1	0.0	70.6
77	31.8	0.0	60.2

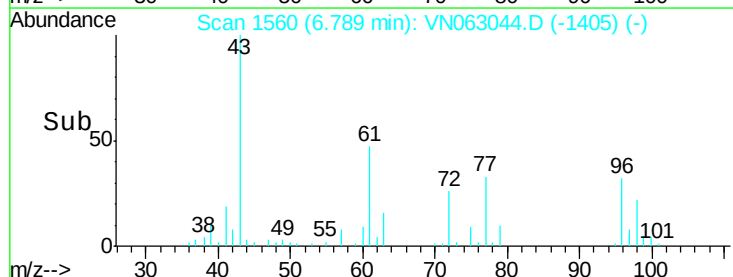
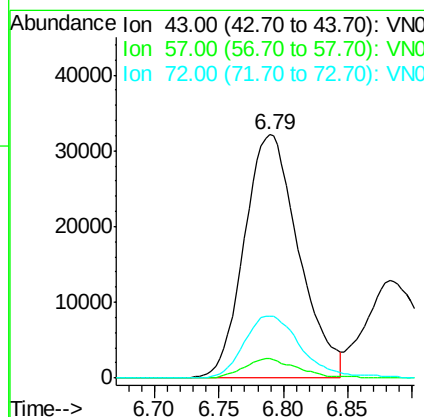
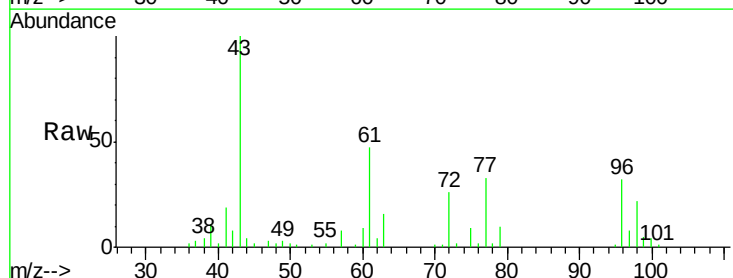
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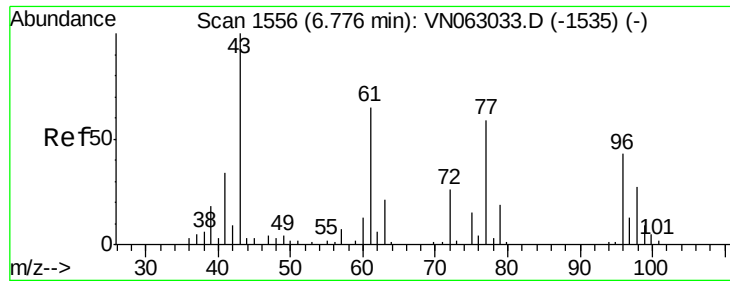
MMDadoda
 8/21/2020 9:20:55 AM



#30
 2-Butanone
 Concen: 98.325 ug/l
 RT: 6.79 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: VN063044.D
 Acq: 20 Aug 2020 18:25

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.7	6.6	9.8
72	26.5	21.3	31.9





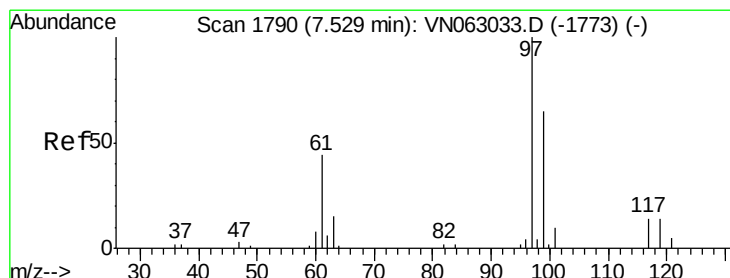
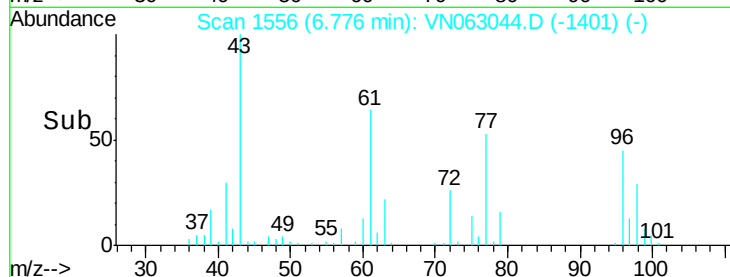
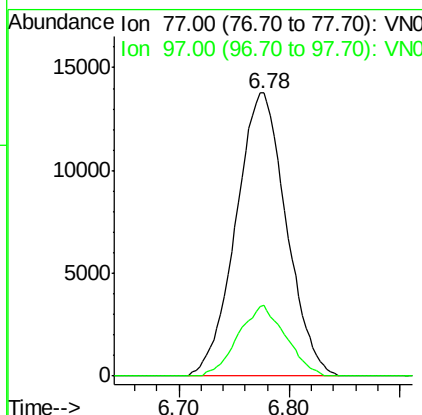
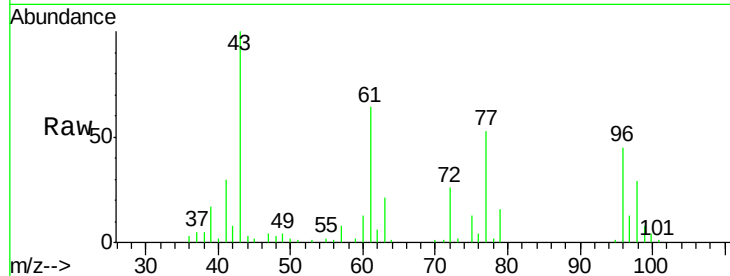
#31
 2,2-Dichloropropane
 Concen: 17.392 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: VN063044.D
 Acq: 20 Aug 2020 18:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 77 Resp: 43641
 Ion Ratio Lower Upper
 77 100
 97 23.4 18.2 27.4

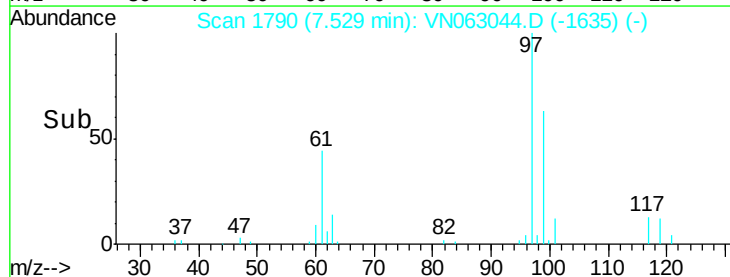
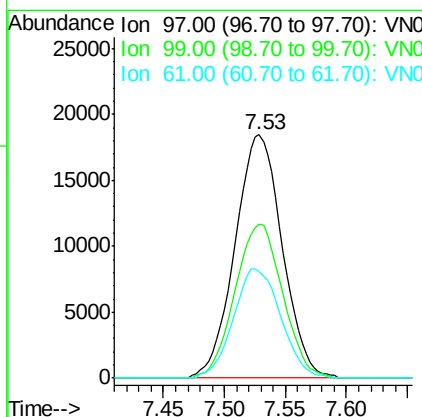
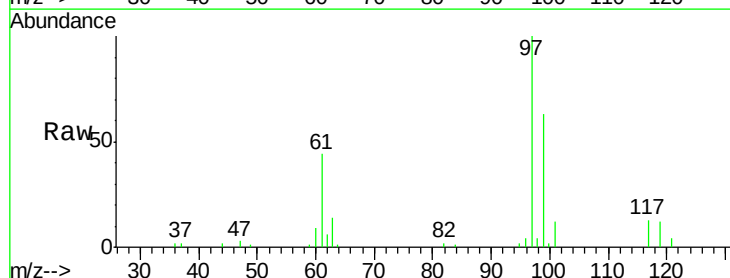
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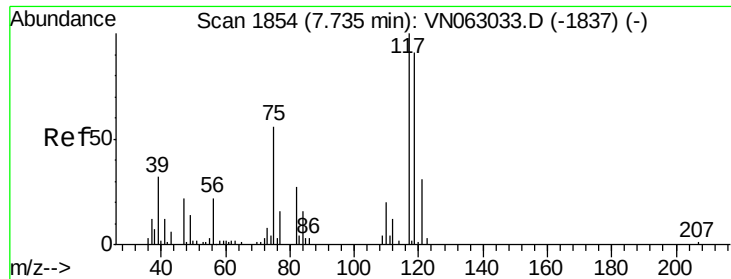
MMDadoda
 8/21/2020 9:20:55 AM



#32
 1,1,1-Trichloroethane
 Concen: 19.903 ug/l
 RT: 7.53 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VN063044.D
 Acq: 20 Aug 2020 18:25

Tgt Ion: 97 Resp: 49487
 Ion Ratio Lower Upper
 97 100
 99 63.7 51.7 77.5
 61 45.1 35.3 52.9





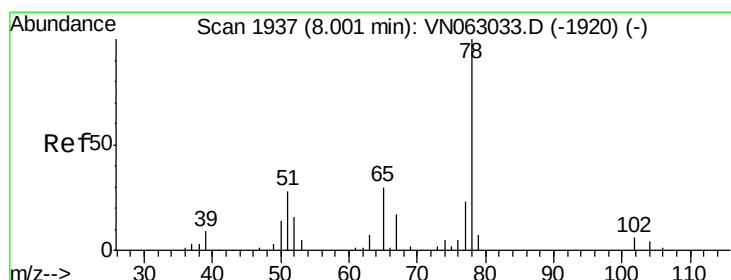
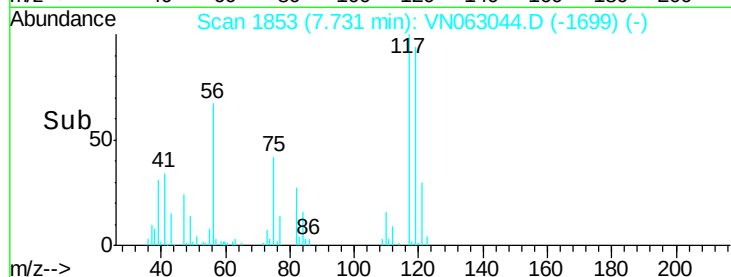
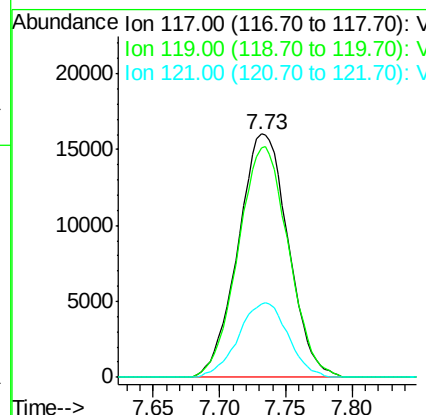
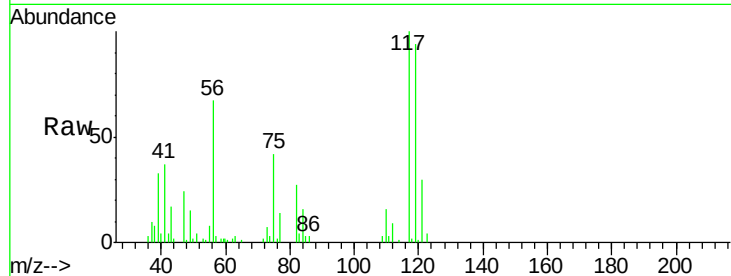
#33
Carbon Tetrachloride
Concen: 19.940 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
119	94.1	73.0	109.4
121	30.0	24.9	37.3

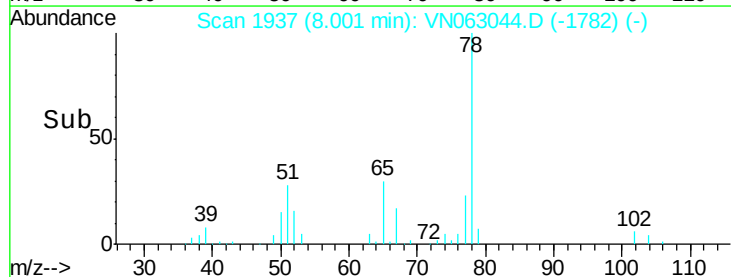
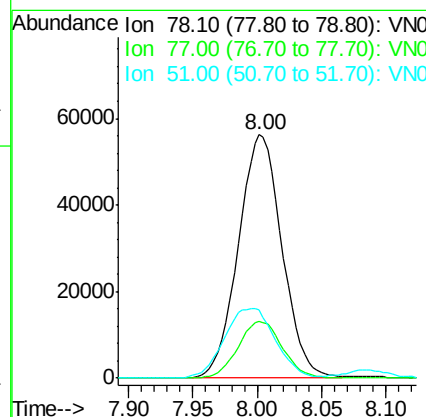
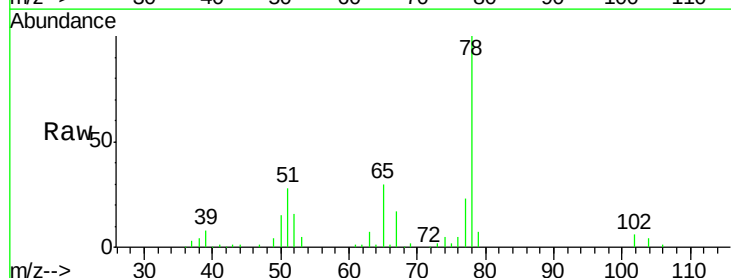
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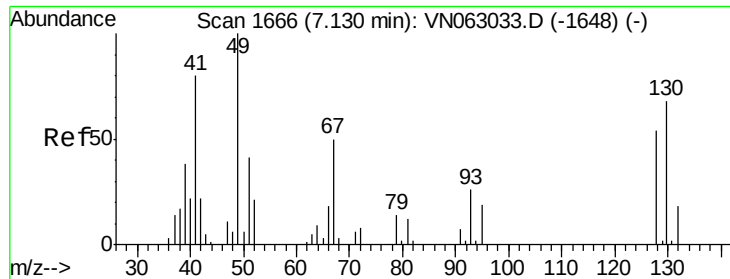
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#34
Benzene
Concen: 20.040 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.6	27.8
51	26.8	22.2	33.2





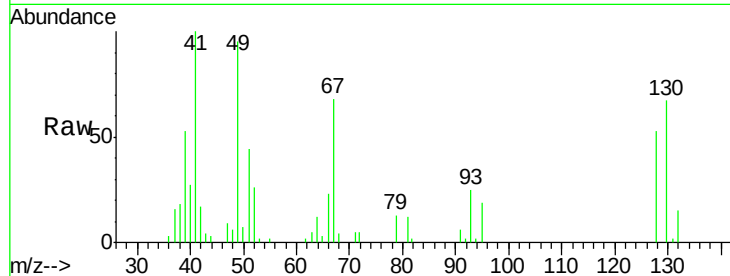
#35
Methacrylonitrile
Concen: 18.088 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	41	Resp	16542
Ion	Ratio	Lower	Upper
41	100		
39	53.3	23.7	71.1
67	67.7	31.6	94.7
52	26.2	13.1	39.3

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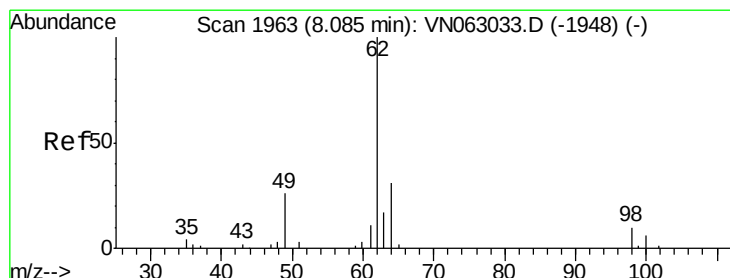
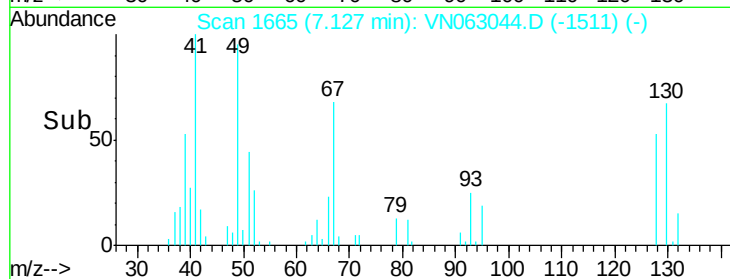
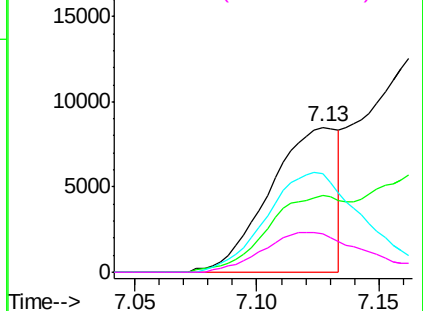
Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

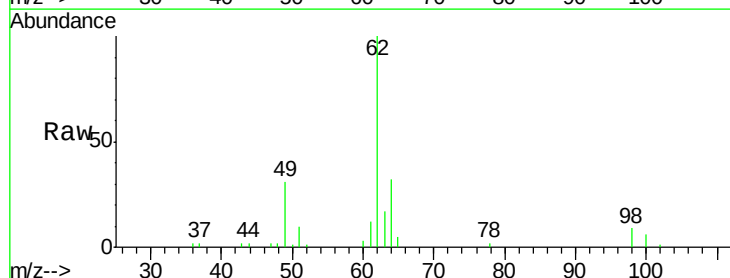
Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#36
1,2-Dichloroethane
Concen: 20.128 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

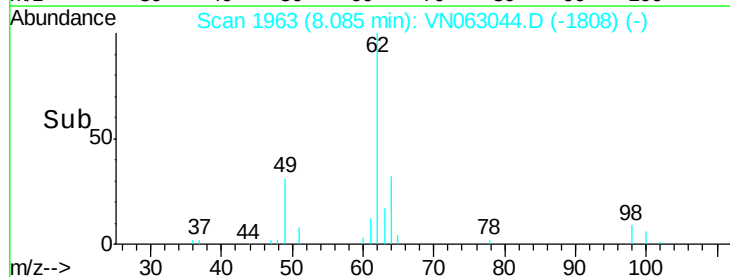
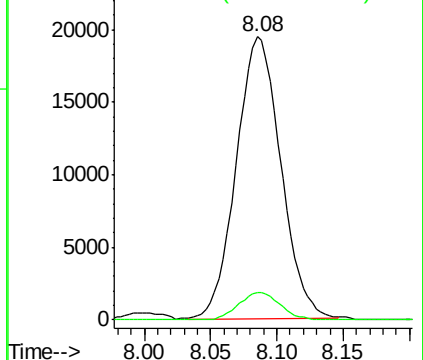
Tgt Ion	62	Resp	45429
Ion	Ratio	Lower	Upper
62	100		
98	9.0	7.6	11.4

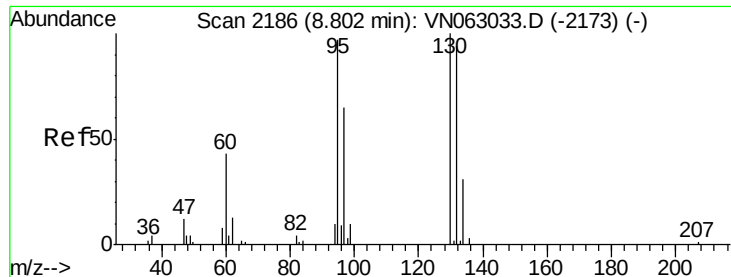


Abundance

Ion 62.00 (61.70 to 62.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





#37

Trichloroethene

Concen: 19.224 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN063044.D

Acq: 20 Aug 2020 18:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion:130 Resp: 31146

Ion Ratio Lower Upper

130 100

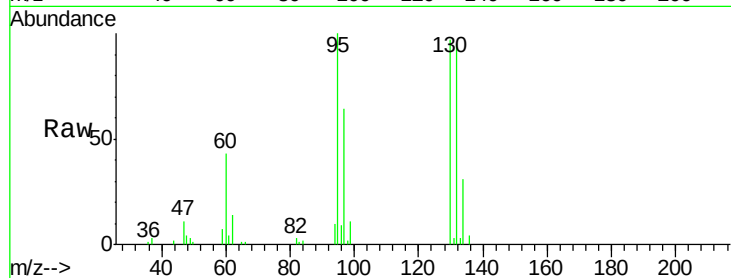
95 103.5 78.9 118.3

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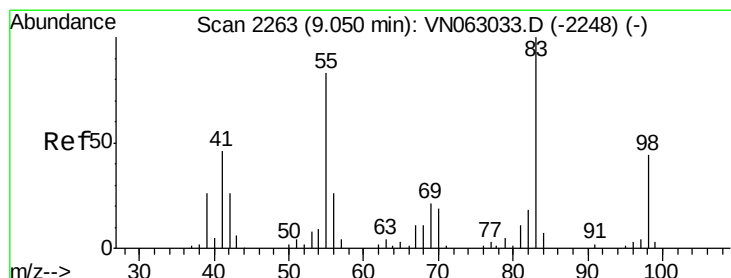
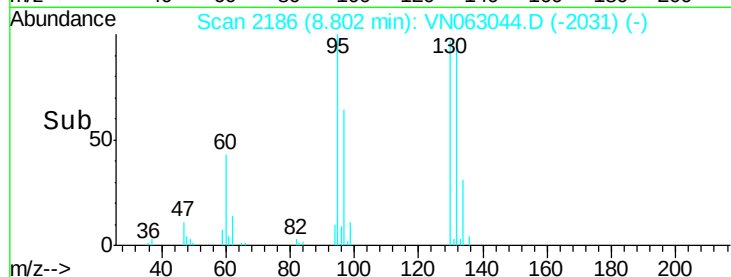
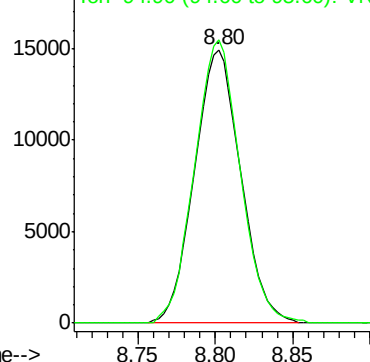
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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN



#38

Methylcyclohexane

Concen: 17.630 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VN063044.D

Acq: 20 Aug 2020 18:25

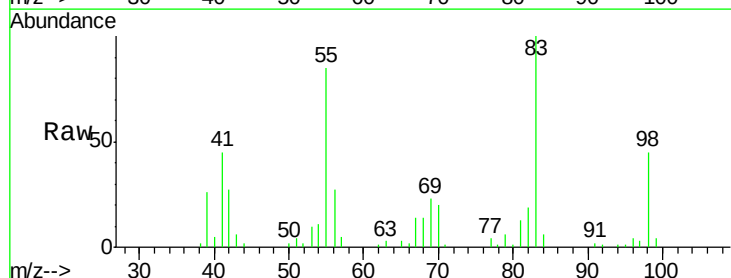
Tgt Ion: 83 Resp: 45650

Ion Ratio Lower Upper

83 100

55 86.3 41.9 125.7

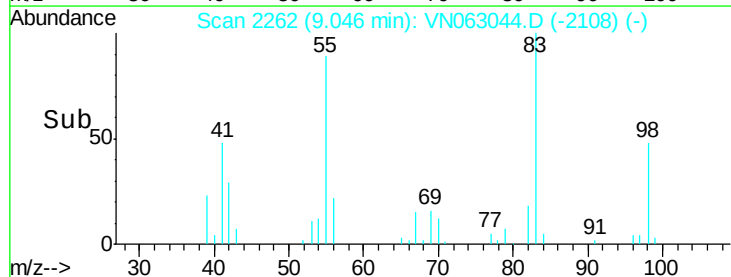
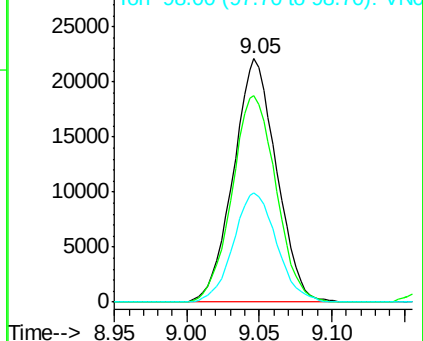
98 44.9 22.2 66.6

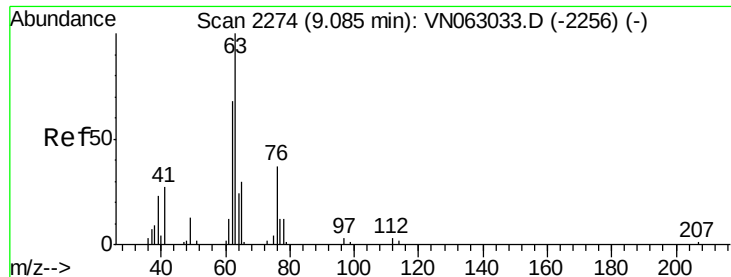


Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN





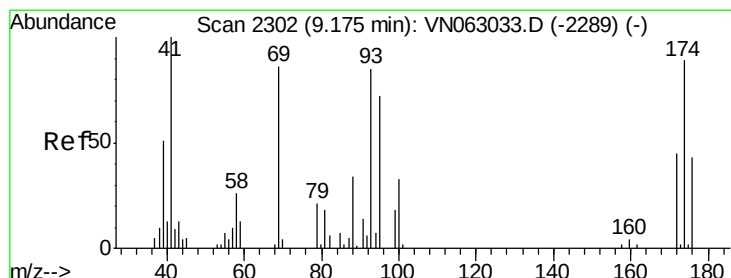
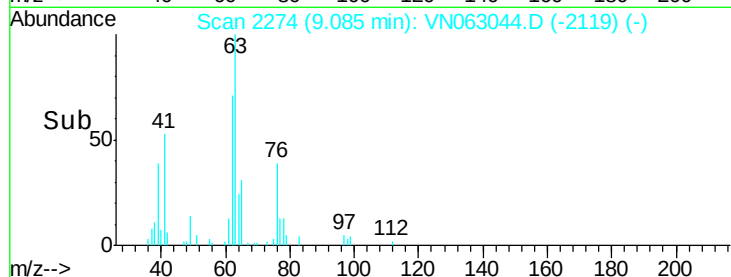
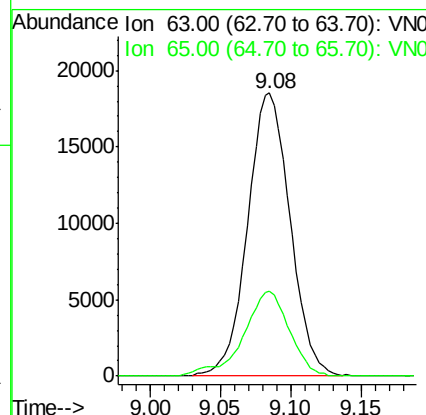
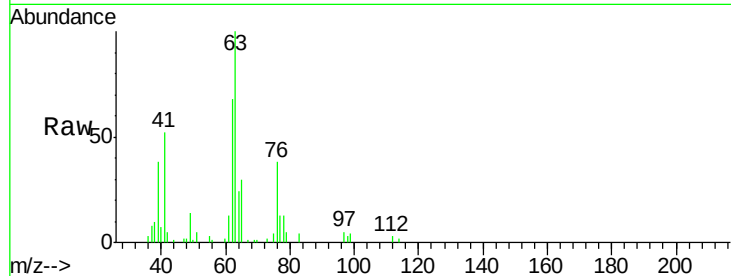
#39
 1,2-Dichloropropane
 Concen: 20.310 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN063044.D
 Acq: 20 Aug 2020 18:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 63 Resp: 39105
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.1 37.7

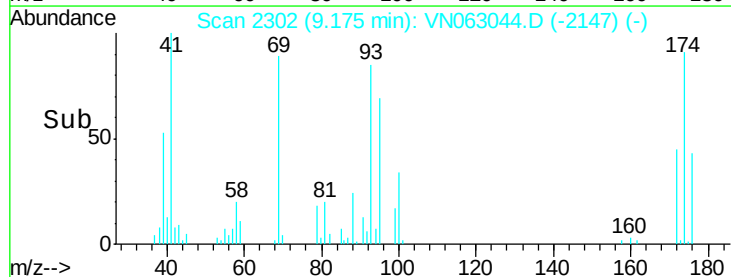
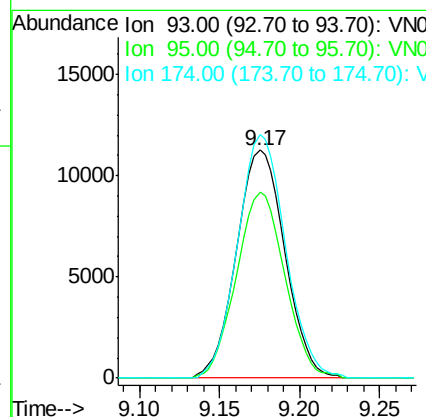
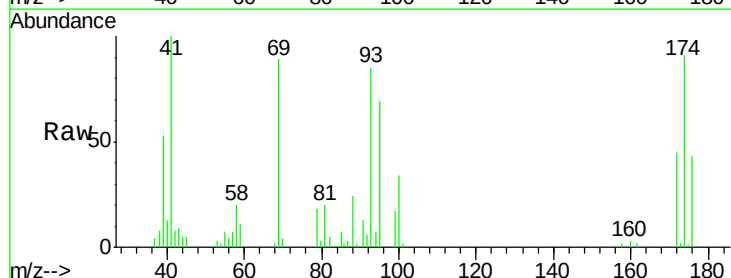
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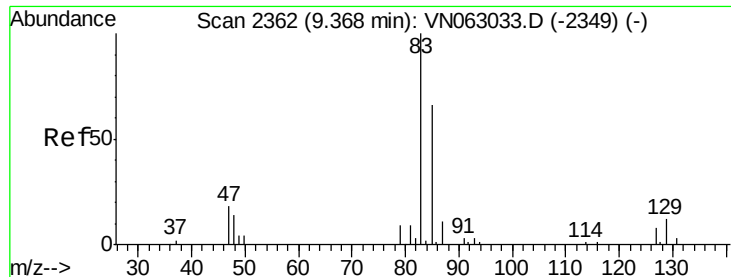
MMDadoda
 8/21/2020 9:20:55 AM



#40
 Dibromomethane
 Concen: 20.890 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN063044.D
 Acq: 20 Aug 2020 18:25

Tgt Ion: 93 Resp: 23353
 Ion Ratio Lower Upper
 93 100
 95 81.5 0.0 168.2
 174 105.4 0.0 208.4





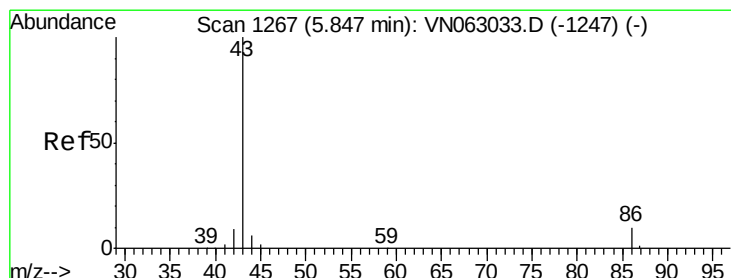
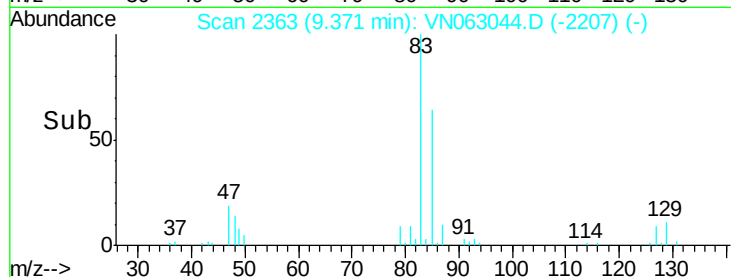
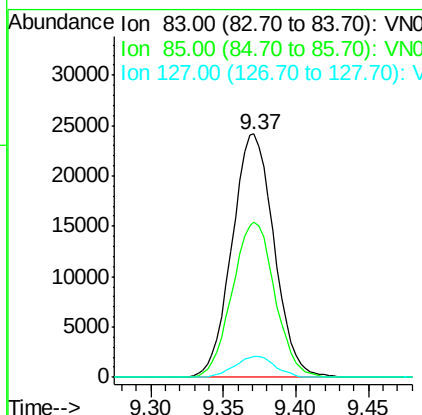
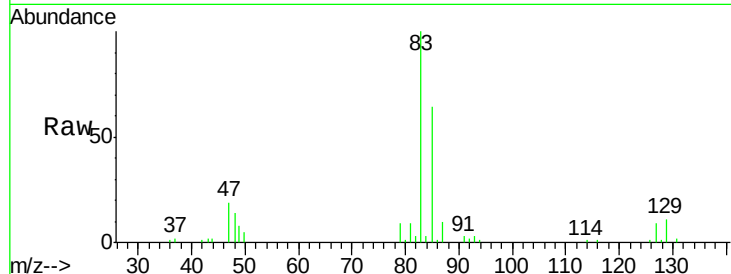
#41
Bromodichloromethane
Concen: 19.657 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	83	Resp	48697
Ion Ratio	100	Lower	Upper
83	100		
85	63.6	52.6	79.0
127	8.7	7.4	11.0

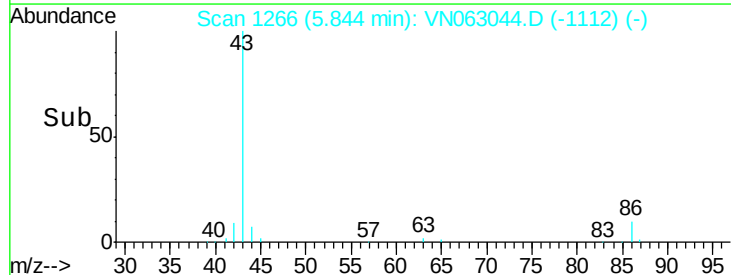
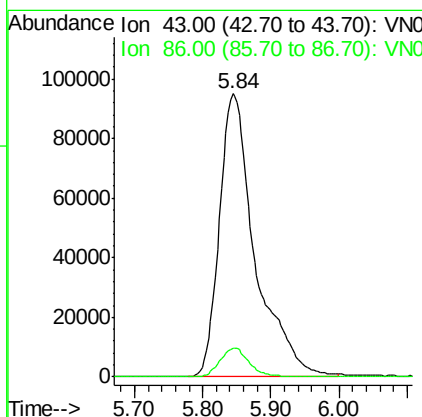
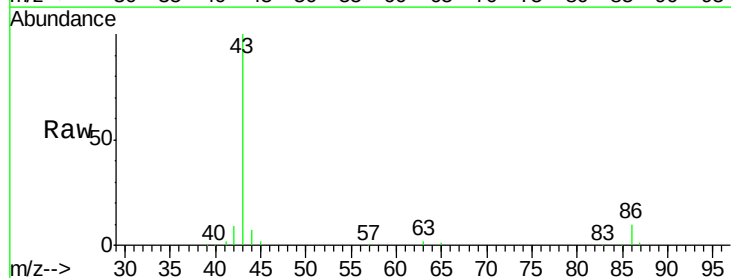
Manual Integrations
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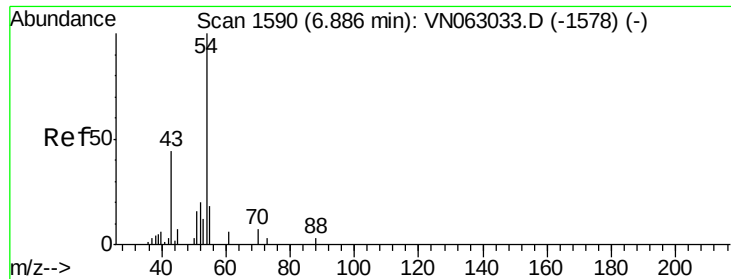
MMDadoda
8/21/2020 9:20:55 AM



#42
Vinyl Acetate
Concen: 95.206 ug/l
RT: 5.84 min Scan# 1266
Delta R.T. -0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Tgt Ion	43	Resp	347033
Ion Ratio	100	Lower	Upper
43	100		
86	8.2	6.7	10.1





#43

Ethyl Acetate

Concen: 21.159 ug/l

RT: 6.88 min Scan# 1589

Delta R.T. -0.00 min

Lab File: VN063044.D

Acq: 20 Aug 2020 18:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 38860

Ion Ratio Lower Upper

43 100

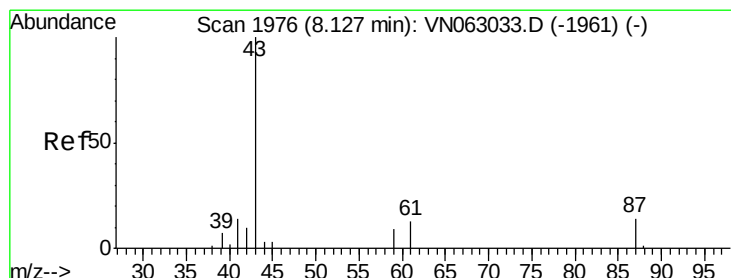
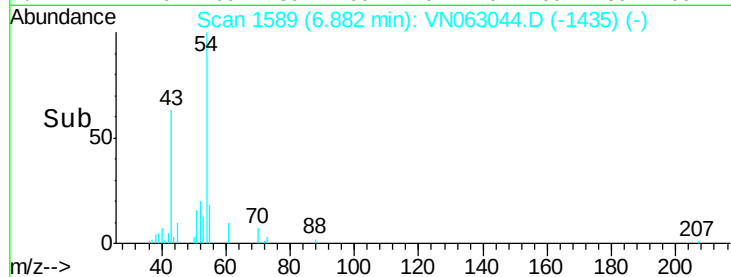
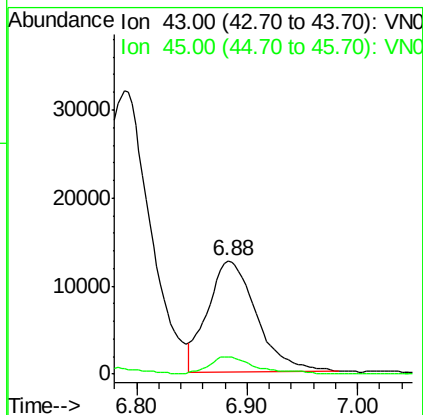
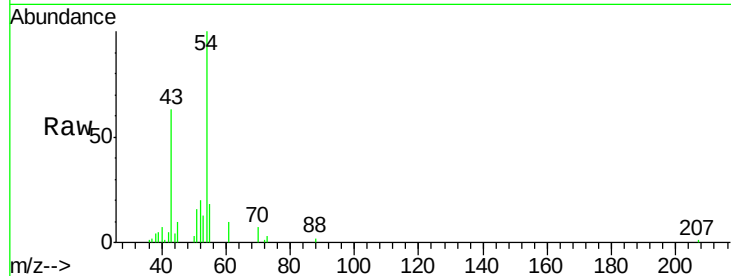
45 13.6 11.3 16.9

Manual Integrations

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8/21/2020 9:20:55 AM



#44

Isopropyl Acetate

Concen: 20.401 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN063044.D

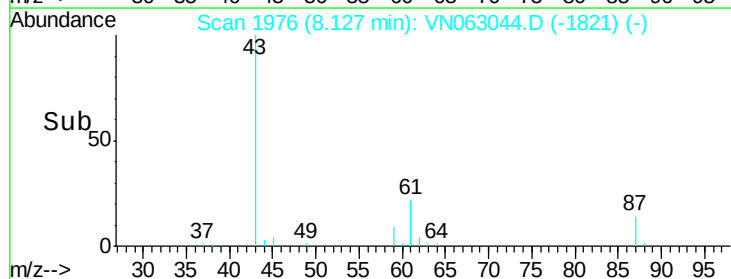
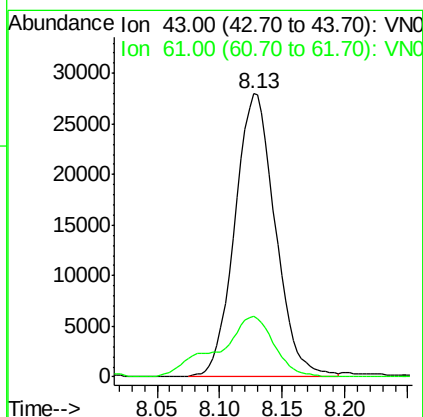
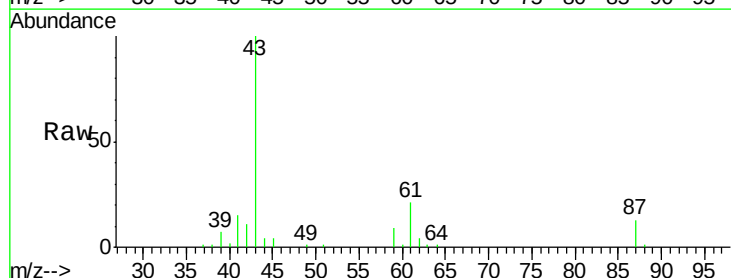
Acq: 20 Aug 2020 18:25

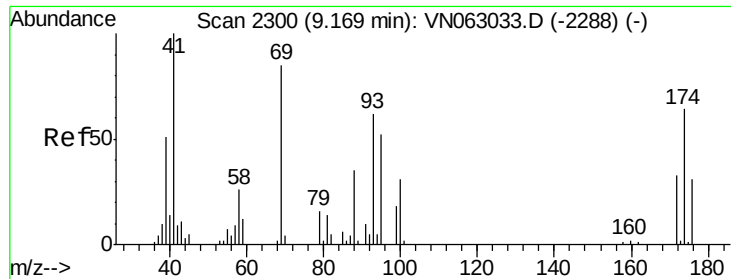
Tgt Ion: 43 Resp: 62899

Ion Ratio Lower Upper

43 100

61 21.4 17.5 26.3





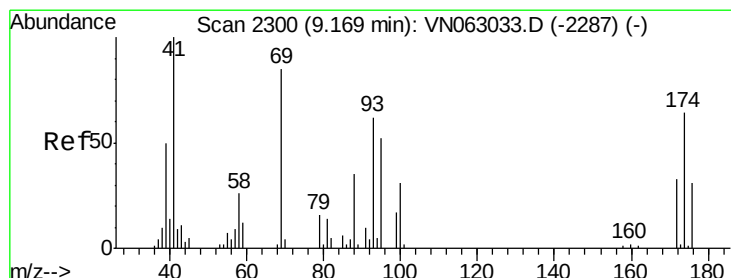
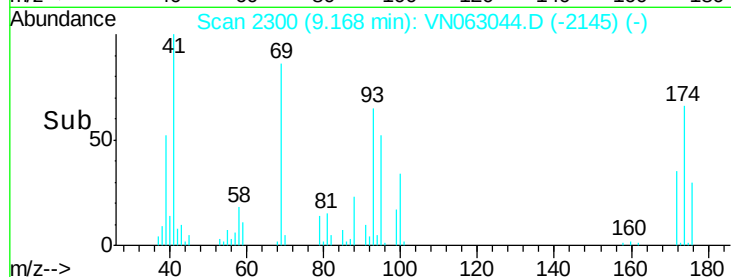
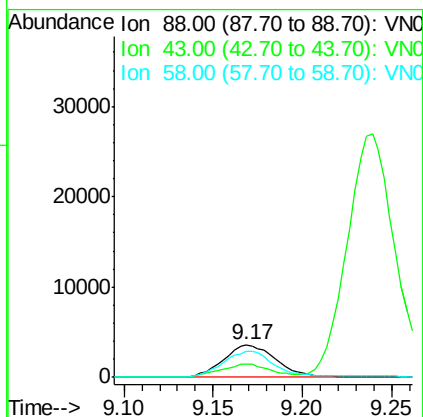
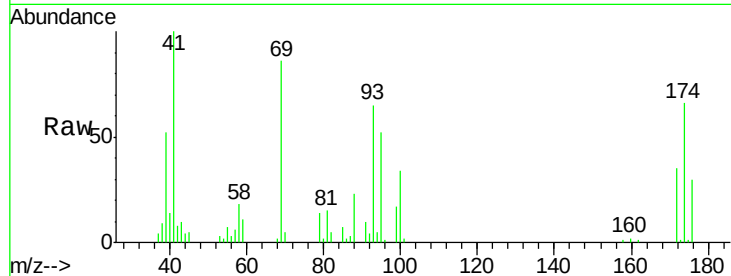
#45
 1,4-Dioxane
 Concen: 255.816 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: VN063044.D
 Acq: 20 Aug 2020 18:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.1	28.5	42.7
58	78.8	59.6	89.4

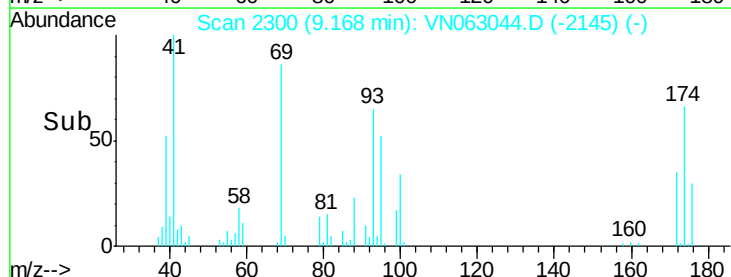
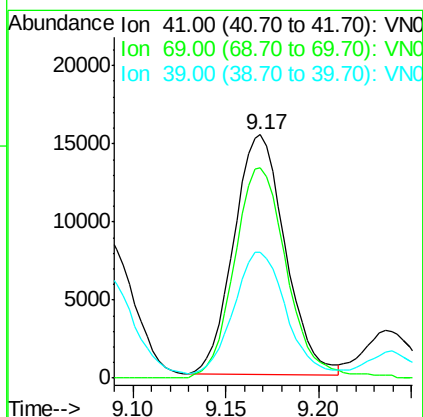
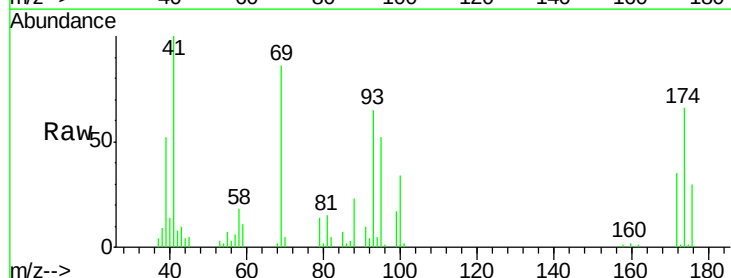
Manual Integrations
 APPROVED

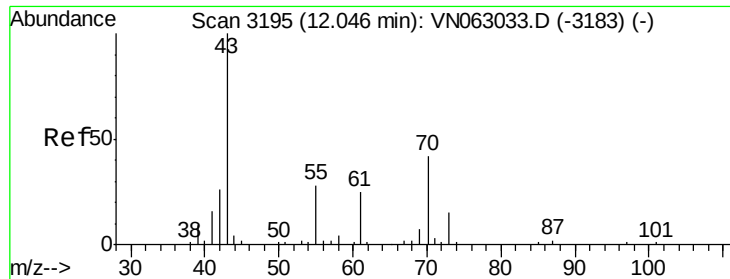
MMDadoda
 8/21/2020 9:20:55 AM



#46
 Methyl methacrylate
 Concen: 19.533 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: VN063044.D
 Acq: 20 Aug 2020 18:25

Tgt Ion	Ratio	Lower	Upper
41	100		
69	87.9	42.6	128.0
39	50.9	25.1	75.4





#47

n-amvl Acetate

Concen: 20.005 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN063044.D

Acq: 20 Aug 2020 18:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 54744

Ion Ratio Lower Upper

43 100

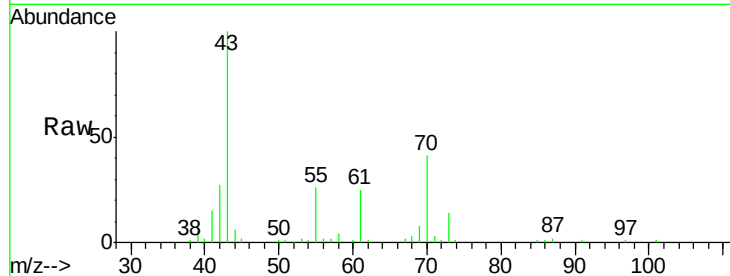
55 25.9 21.2 31.8

Manual Integrations

APPROVED

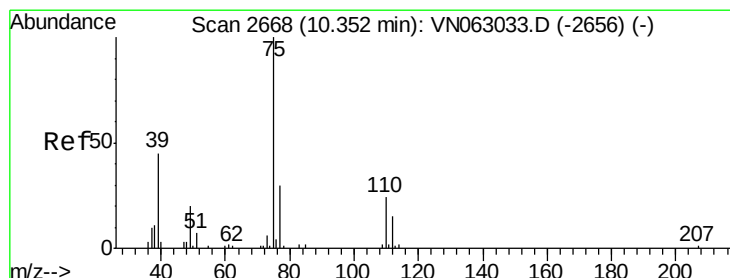
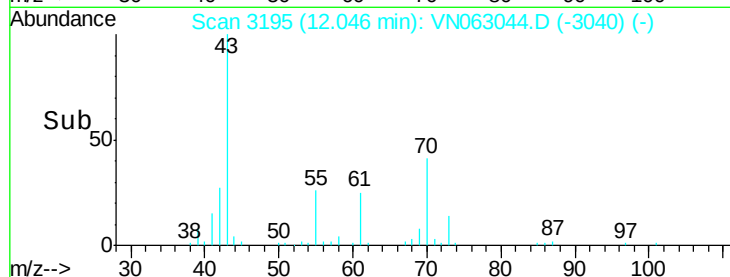
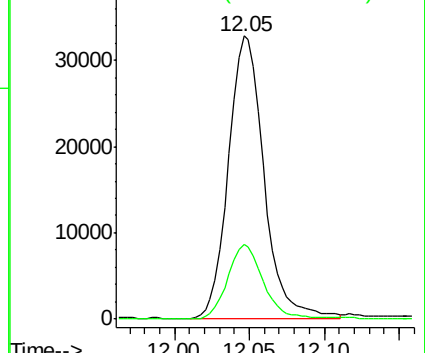
MMDadoda

8/21/2020 9:20:55 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#48

t-1,3-Dichloropropene

Concen: 18.790 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN063044.D

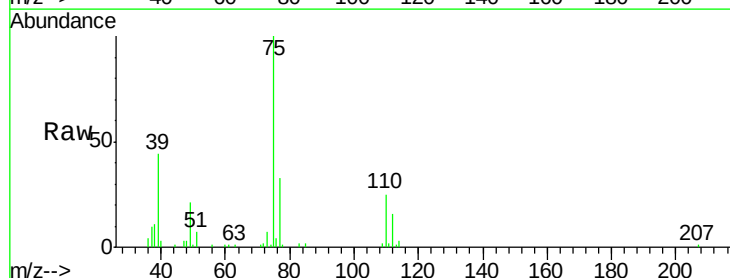
Acq: 20 Aug 2020 18:25

Tgt Ion: 75 Resp: 49160

Ion Ratio Lower Upper

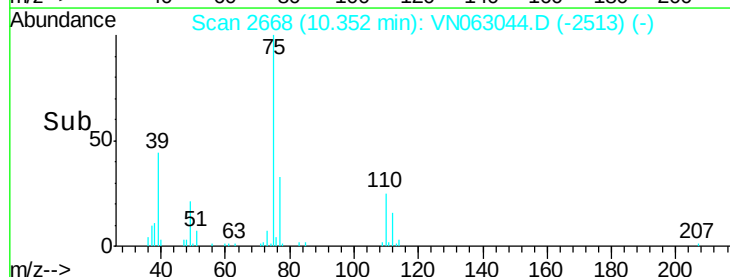
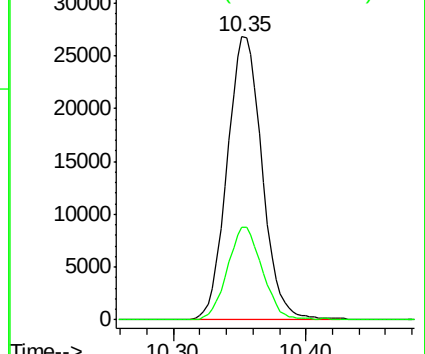
75 100

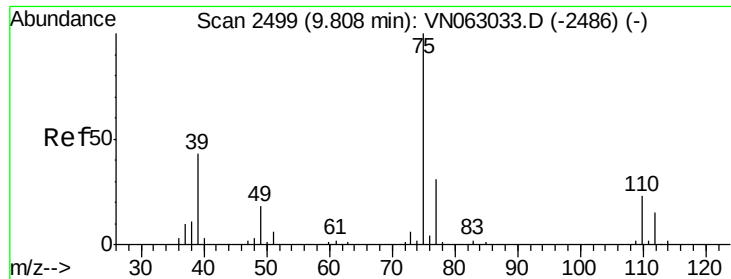
77 32.7 23.8 35.8



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





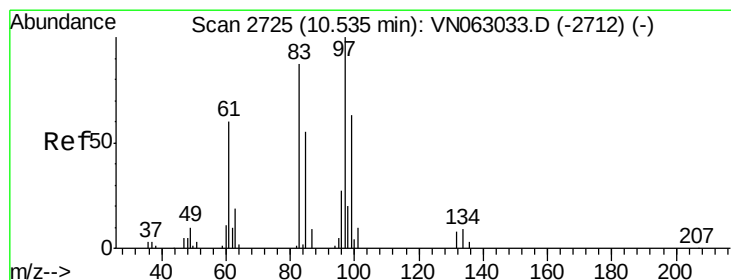
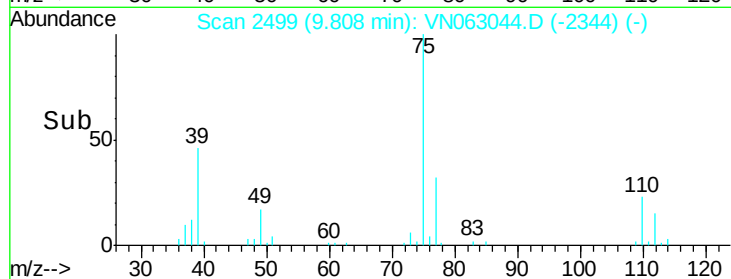
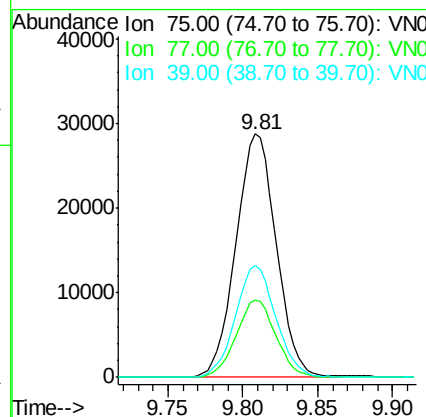
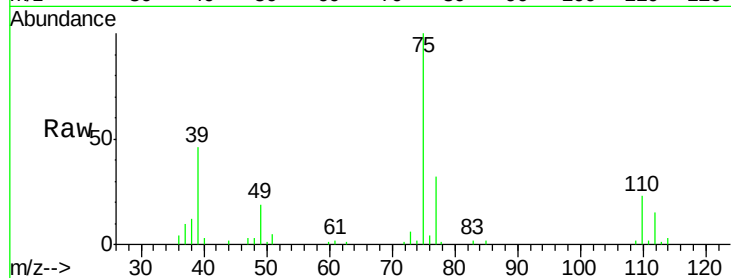
#49
 cis-1,3-Dichloropropene
 Concen: 18.991 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VN063044.D
 Acq: 20 Aug 2020 18:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.8	37.2
39	45.9	34.5	51.7

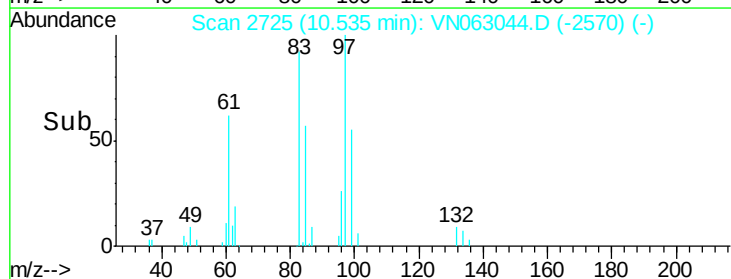
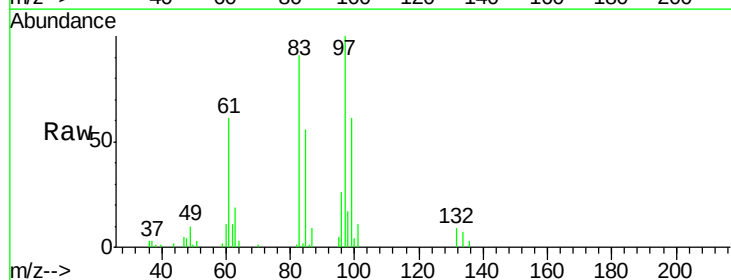
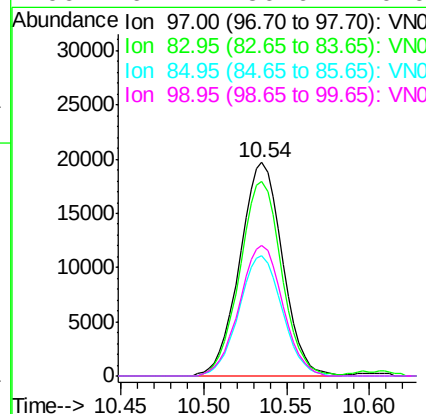
Manual Integrations
 APPROVED

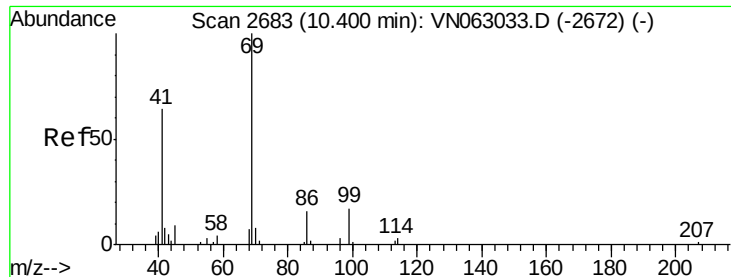
MMDadoda
 8/21/2020 9:20:55 AM



#50
 1,1,2-Trichloroethane
 Concen: 20.572 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN063044.D
 Acq: 20 Aug 2020 18:25

Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.4	69.9	104.9
85	56.3	44.0	66.0
99	61.2	50.6	76.0





#51

Ethyl methacrylate

Concen: 19.316 ug/l

RT: 10.40 min Scan# 2684

Delta R.T. 0.00 min

Lab File: VN063044.D

Acq: 20 Aug 2020 18:25

Instrument :

MSVOA_N

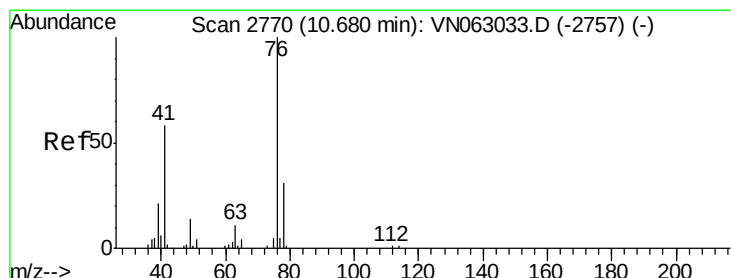
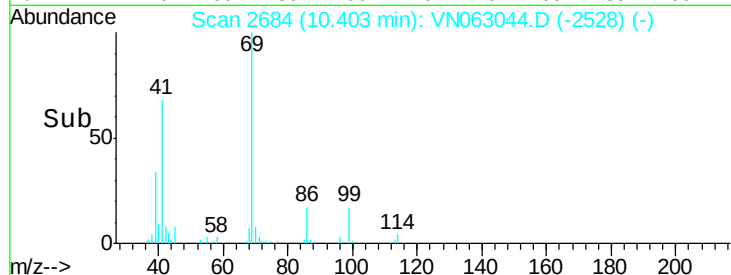
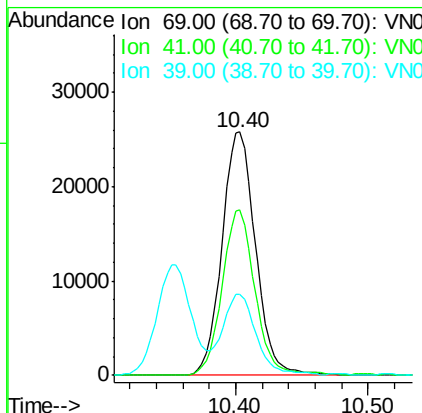
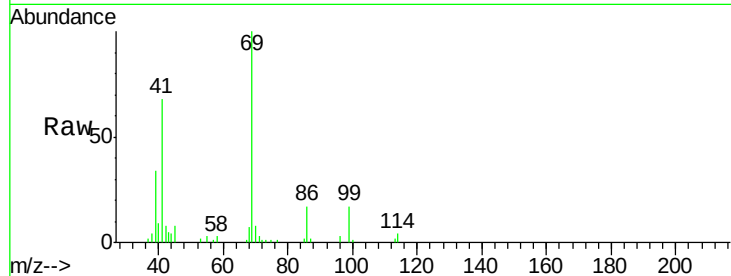
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	45296
Ion	Ratio	Lower	Upper
69	100		
41	67.7	32.1	96.5
39	32.9	16.1	48.3

Manual Integrations
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8/21/2020 9:20:55 AM



#52

1,3-Dichloropropane

Concen: 20.332 ug/l

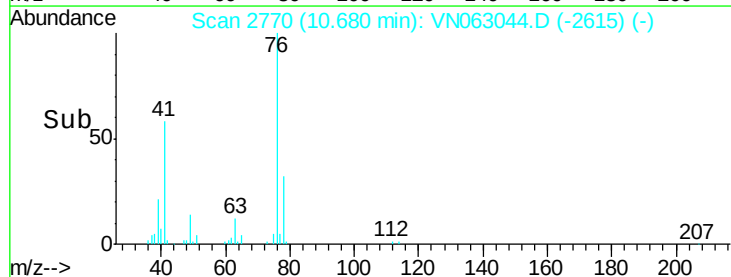
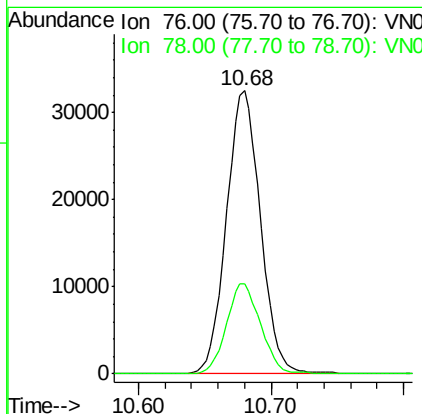
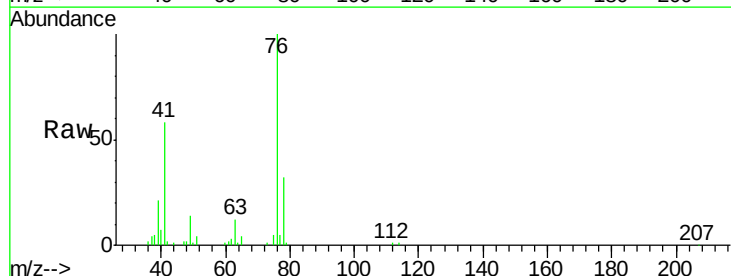
RT: 10.68 min Scan# 2770

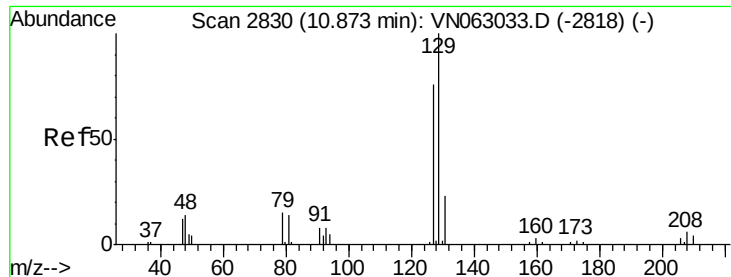
Delta R.T. -0.00 min

Lab File: VN063044.D

Acq: 20 Aug 2020 18:25

Tgt Ion:	76	Resp:	57899
Ion	Ratio	Lower	Upper
76	100		
78	31.6	0.0	63.2





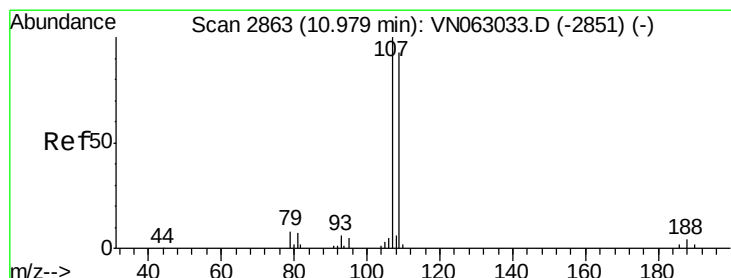
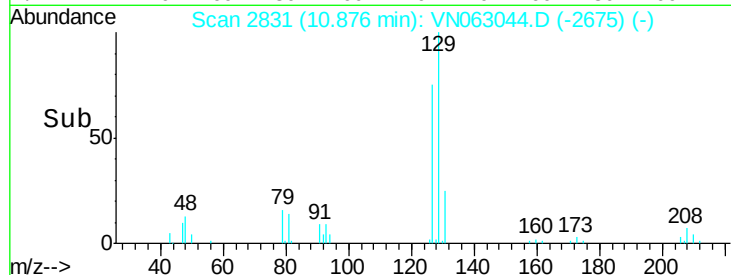
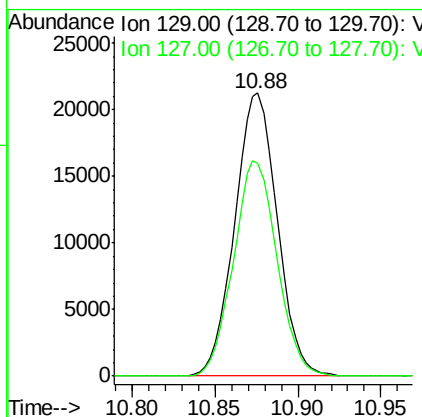
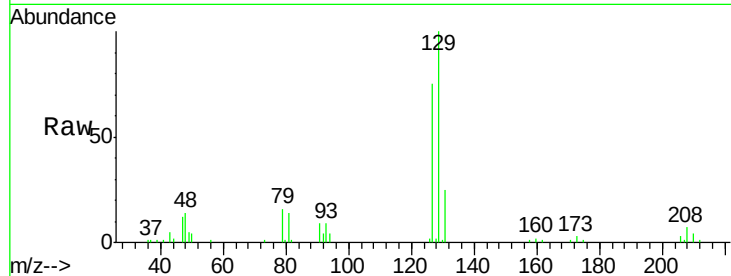
#53
 Dibromochloromethane
 Concen: 20.105 ug/l
 RT: 10.88 min Scan# 2831
 Delta R.T. 0.00 min
 Lab File: VN063044.D
 Acq: 20 Aug 2020 18:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:129 Resp: 38028
 Ion Ratio Lower Upper
 129 100
 127 77.4 38.7 116.1

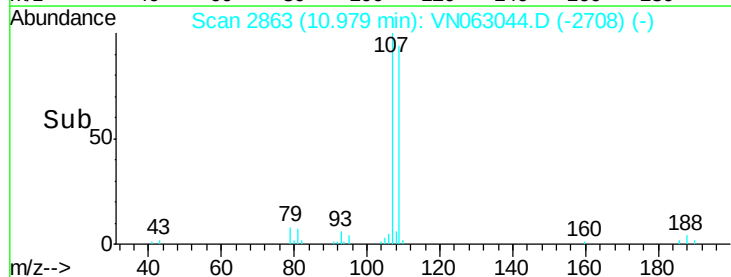
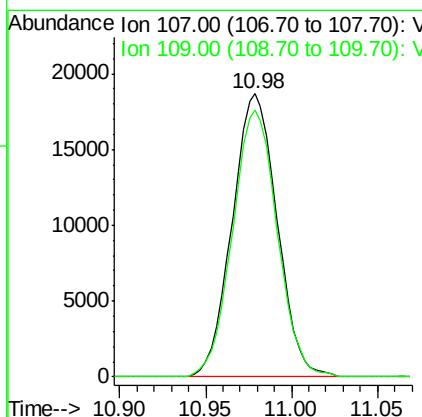
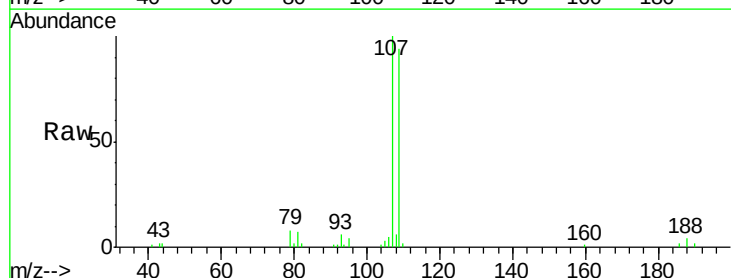
Manual Integrations
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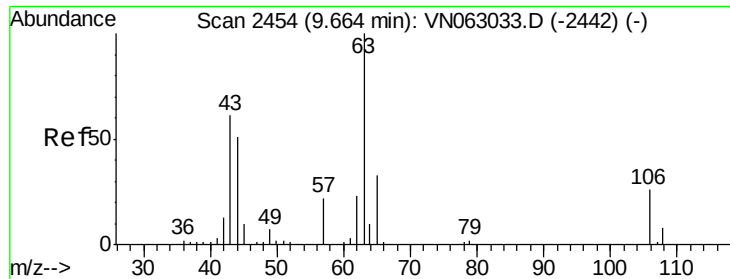
MMDadoda
 8/21/2020 9:20:55 AM



#54
 1,2-Dibromoethane
 Concen: 20.413 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN063044.D
 Acq: 20 Aug 2020 18:25

Tgt Ion:107 Resp: 33753
 Ion Ratio Lower Upper
 107 100
 109 94.1 76.3 114.5





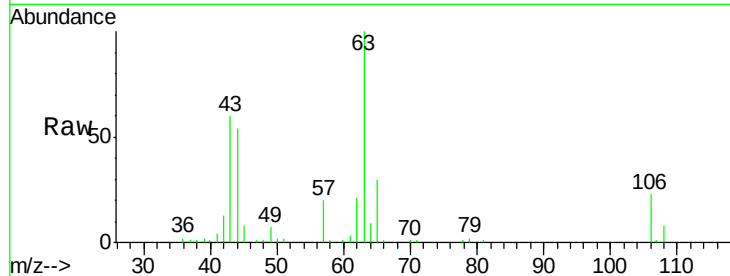
#55
2-Chloroethyl vinyl ether
Concen: 115.446 ug/l
RT: 9.66 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.9	38.9
106	23.9	19.9	29.9

Manual Integrations
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8/21/2020 9:20:55 AM

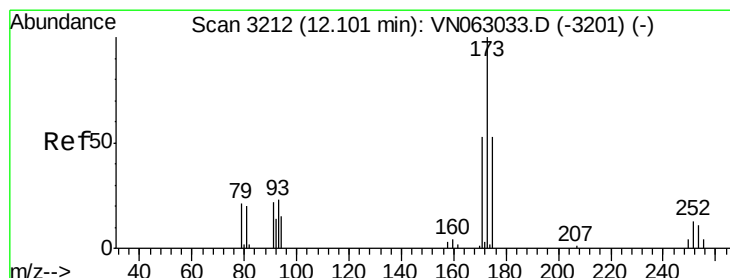
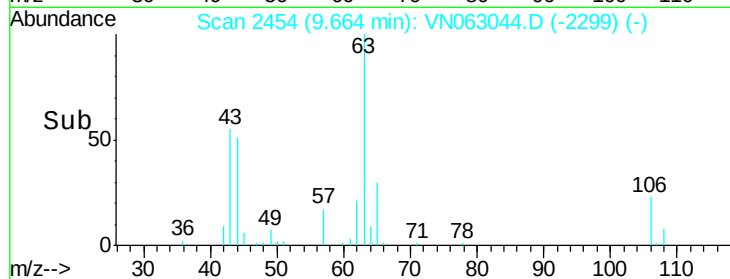
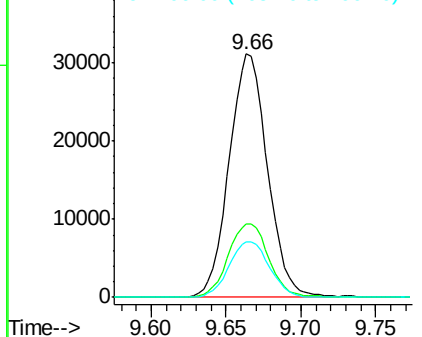


Abundance

Ion 63.00 (62.70 to 63.70): VN063033.D (-2442) (-)

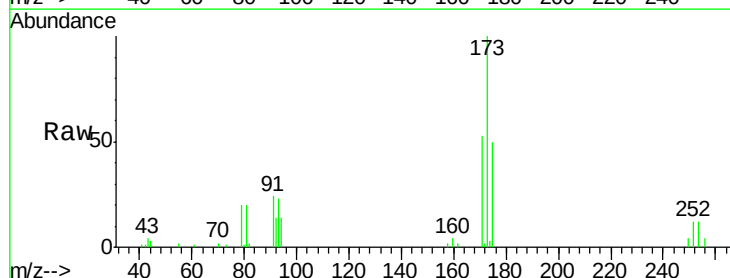
Ion 65.00 (64.70 to 65.70): VN063033.D (-2442) (-)

Ion 106.00 (105.70 to 106.70): VN063033.D (-2442) (-)



#56
Bromoform
Concen: 19.969 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.1	41.2	61.8
254	10.4	9.0	13.4

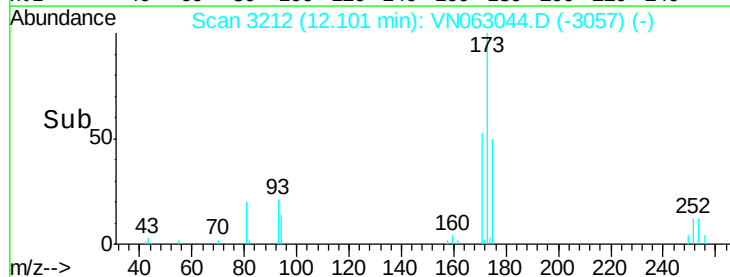
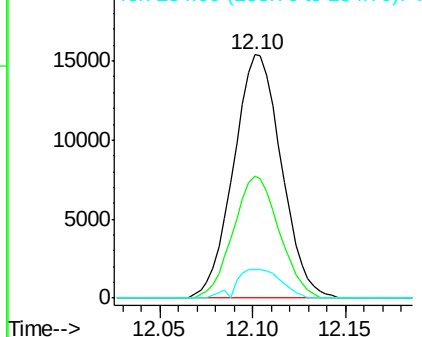


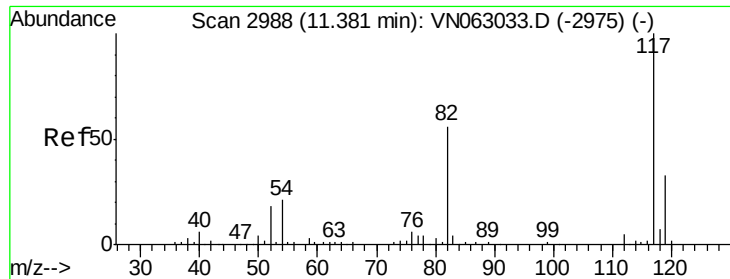
Abundance

Ion 173.00 (172.70 to 173.70): VN063033.D (-3201) (-)

Ion 175.00 (174.70 to 175.70): VN063033.D (-3201) (-)

Ion 254.00 (253.70 to 254.70): VN063033.D (-3201) (-)





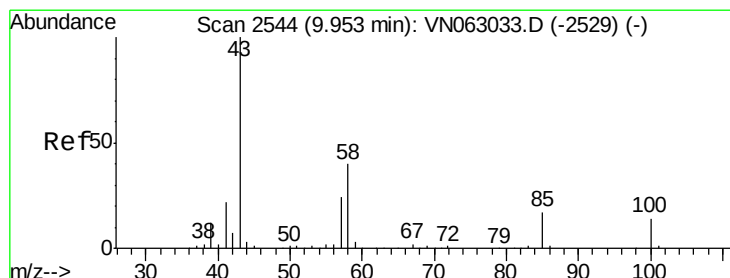
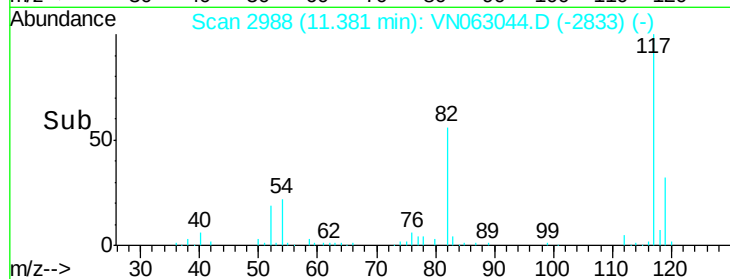
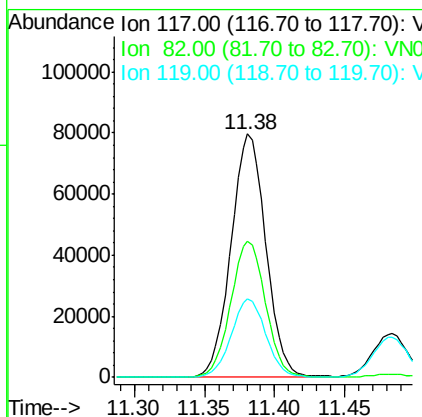
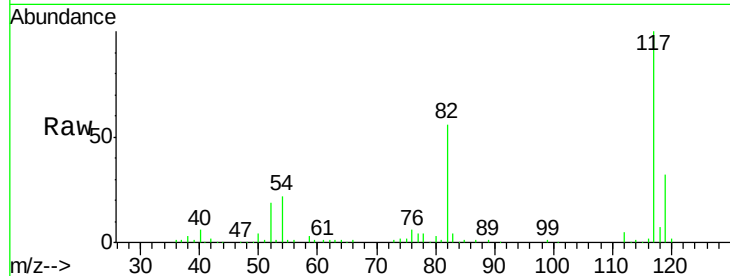
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.9	67.3
119	32.0	26.0	39.0

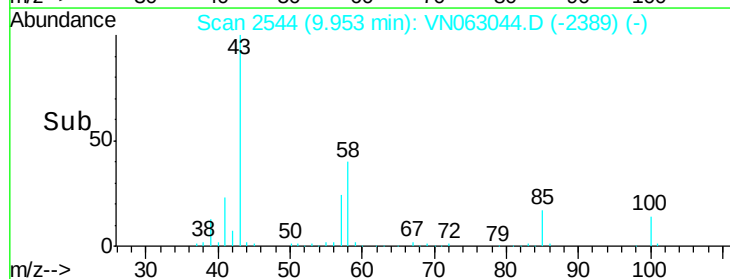
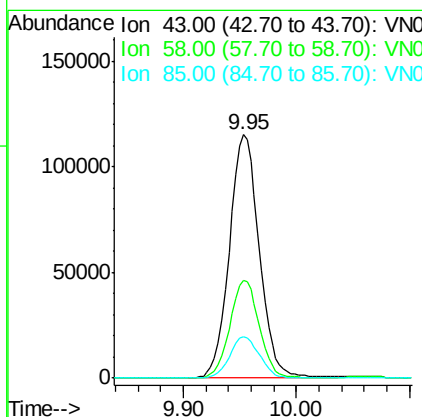
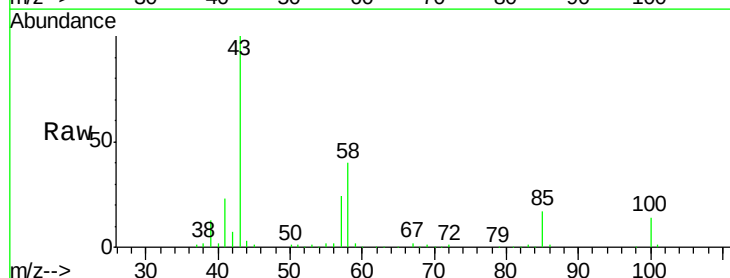
Manual Integrations
APPROVED

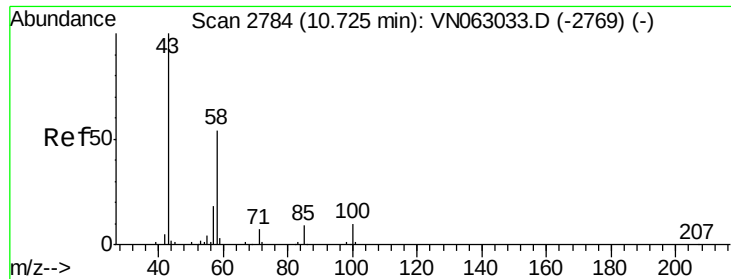
MMDadoda
8/21/2020 9:20:55 AM



#58
4-Methyl-2-Pentanone
Concen: 106.341 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.5	31.4	47.0
85	17.1	13.4	20.2





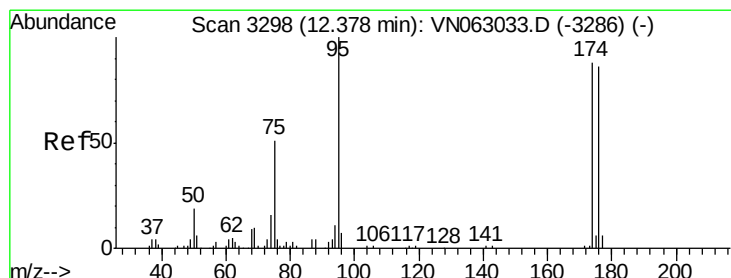
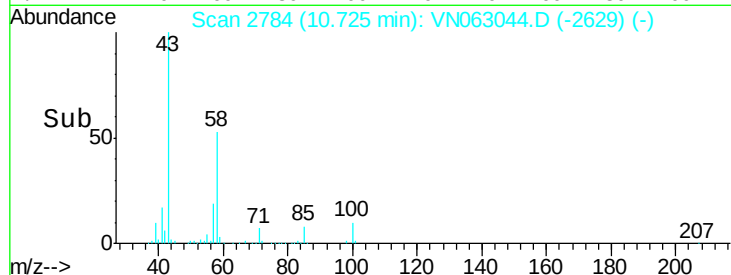
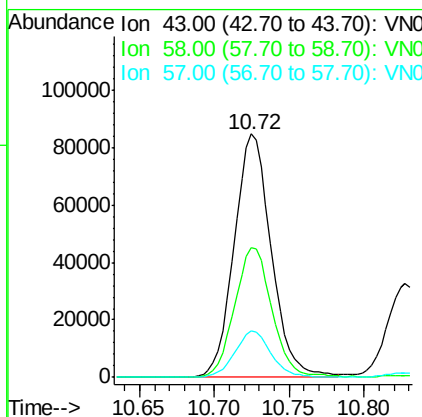
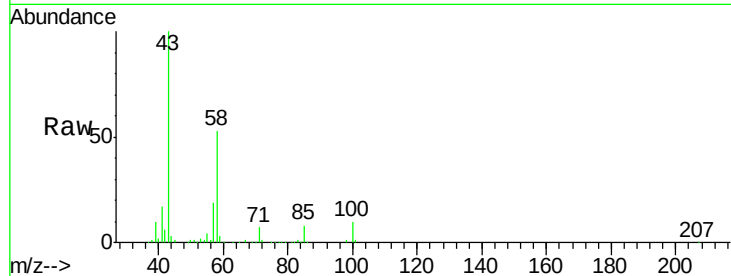
#59
2-Hexanone
Concen: 103.247 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.7	42.6	64.0
57	18.7	14.6	21.8

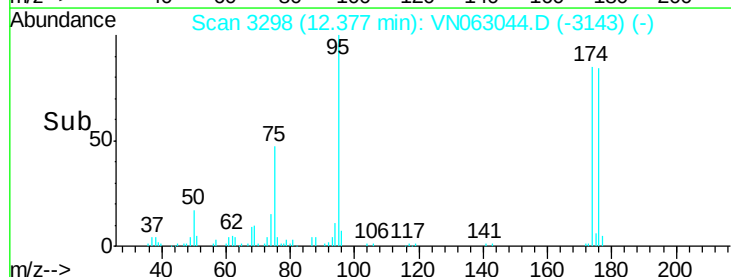
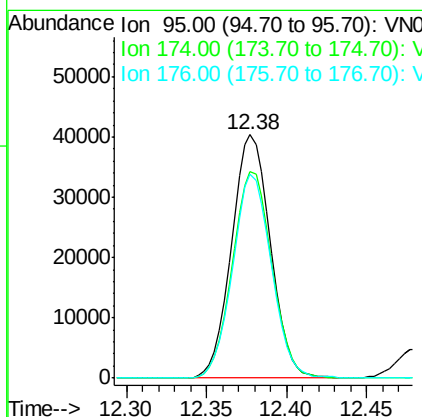
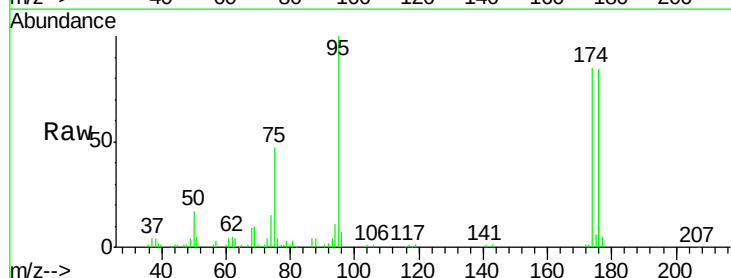
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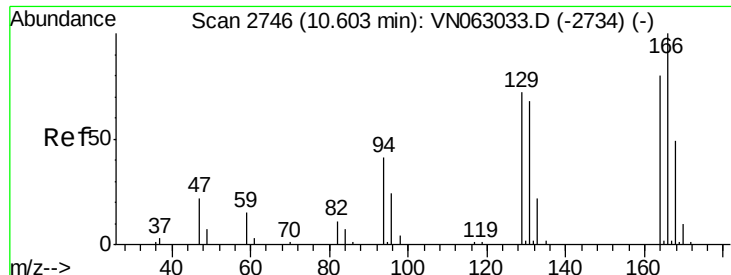
MMDadoda
8/21/2020 9:20:55 AM



#60
4-Bromofluorobenzene
Concen: 30.452 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.4	70.1	105.1
176	83.8	66.8	100.2





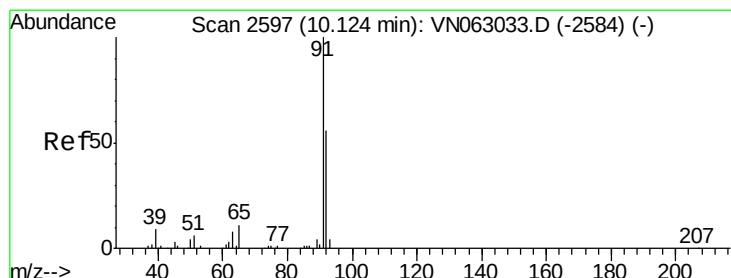
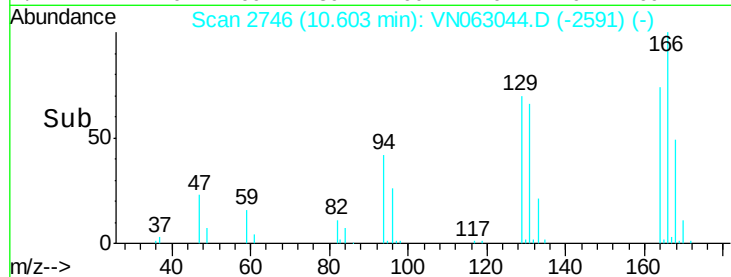
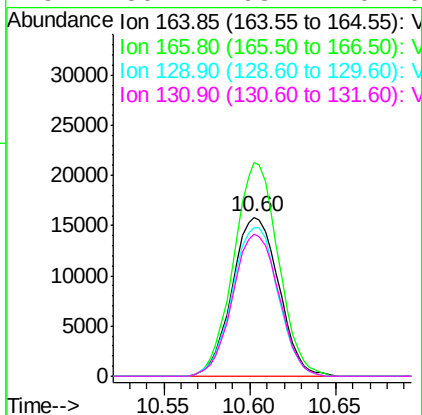
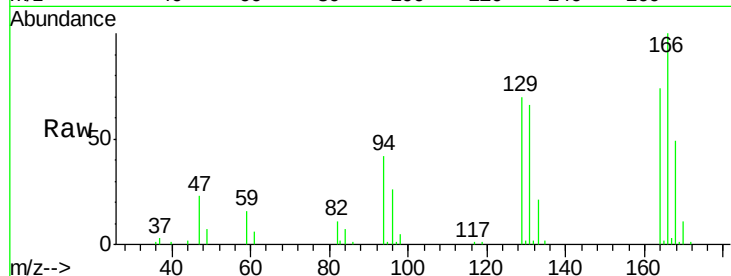
#61
Tetrachloroethene
Concen: 19.663 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
164	100		
166	134.4	100.1	150.1
129	93.8	72.5	108.7
131	89.2	68.4	102.6

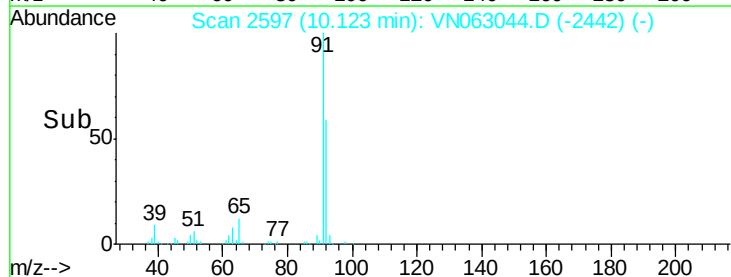
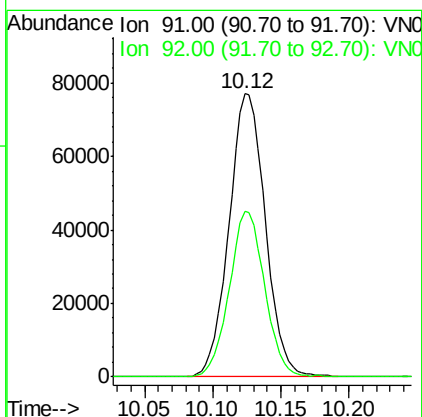
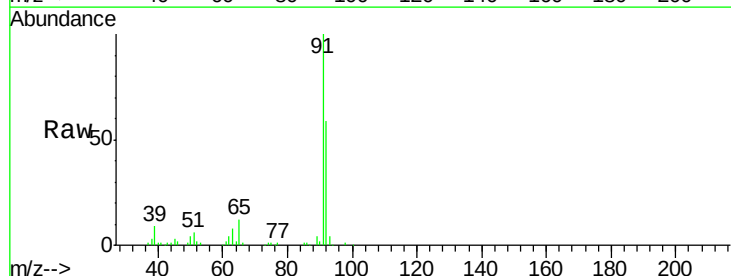
Manual Integrations
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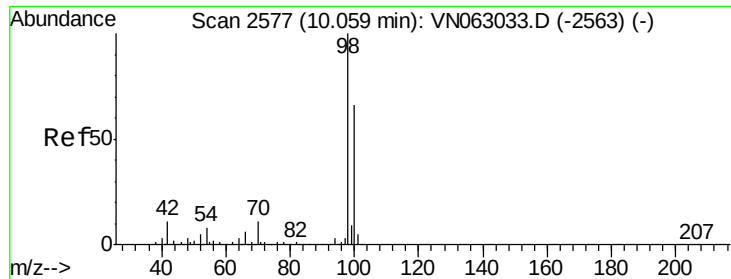
MMDadoda
8/21/2020 9:20:55 AM



#62
Toluene
Concen: 19.398 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.1	45.5	68.3





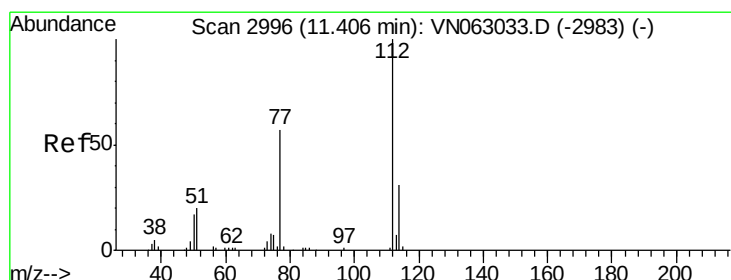
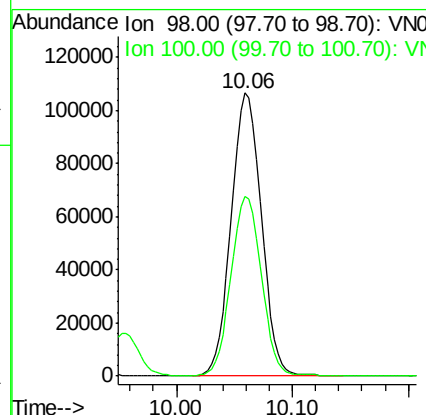
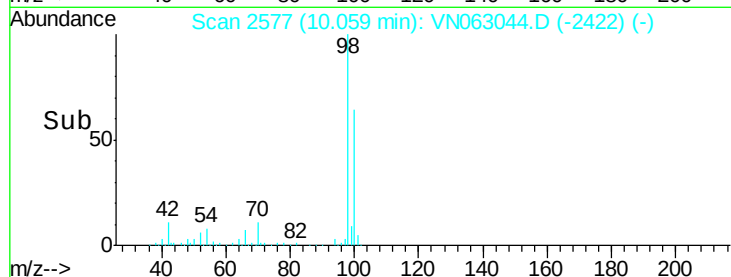
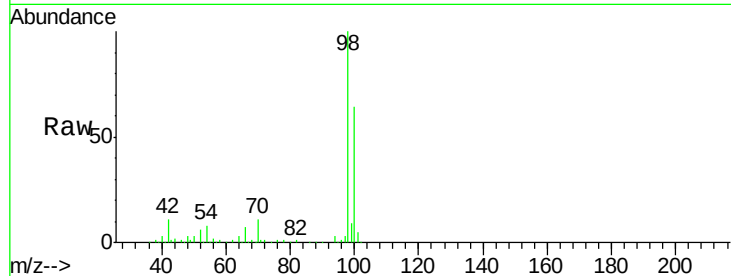
#63
Toluene-d8
Concen: 30.345 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion: 98 Resp: 192643
Ion Ratio Lower Upper
98 100
100 63.2 51.4 77.2

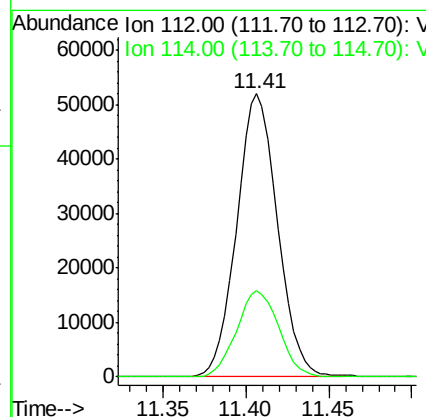
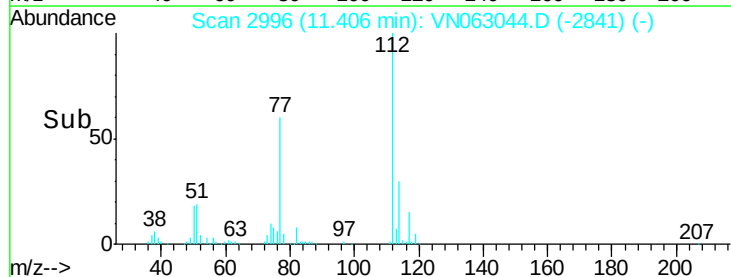
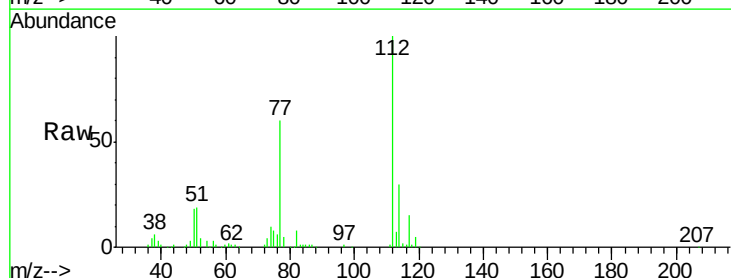
Manual Integrations
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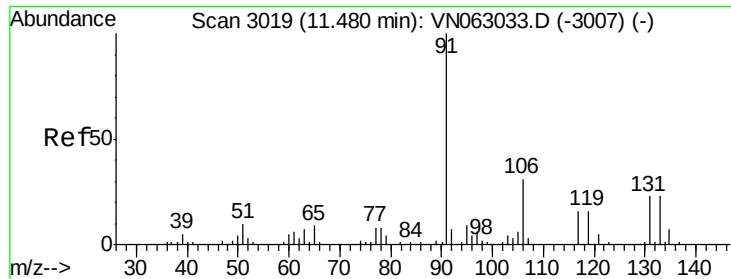
MMDadoda
8/21/2020 9:20:55 AM



#64
Chlorobenzene
Concen: 19.579 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Tgt Ion: 112 Resp: 88816
Ion Ratio Lower Upper
112 100
114 30.4 25.1 37.7





#65

1,1,1,2-Tetrachloroethane

Concen: 20.062 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN063044.D

Acq: 20 Aug 2020 18:25

Instrument :

MSVOA_N

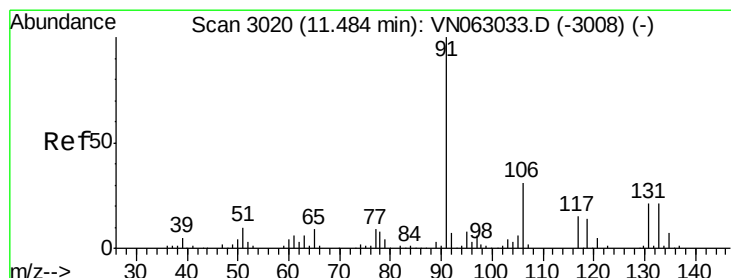
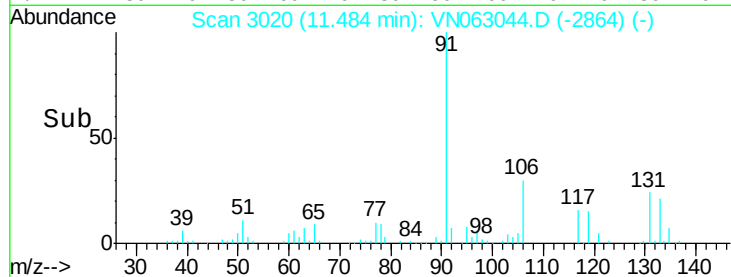
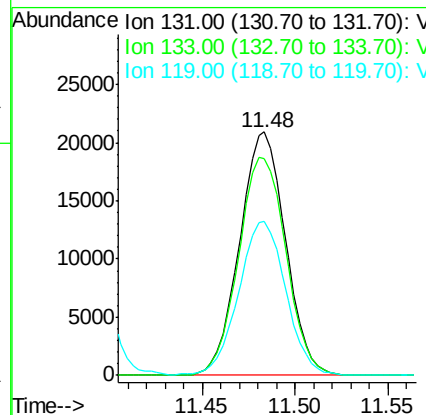
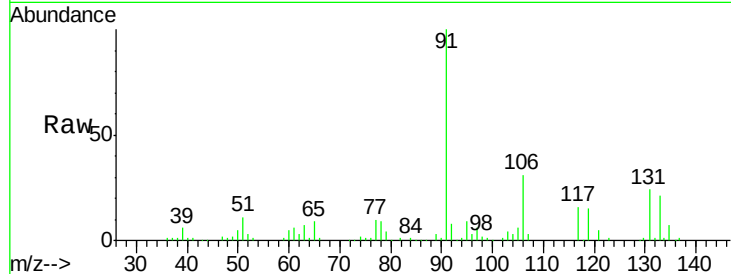
ClientSampleId :

VSTDCCC020EC

Tot Ion:131 Resp: 36072
 Ion Ratio Lower Upper
 131 100
 133 92.7 0.0 191.2
 119 65.0 0.0 134.2

Manual Integrations
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#66

Ethyl Benzene

Concen: 18.623 ug/l

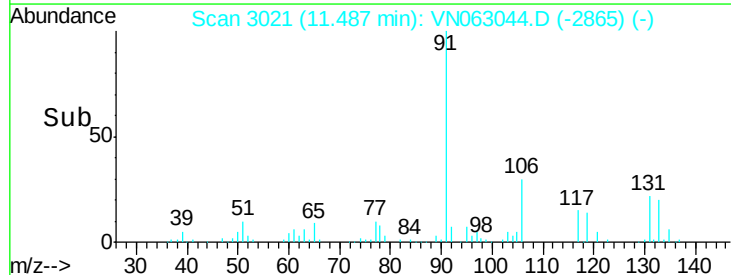
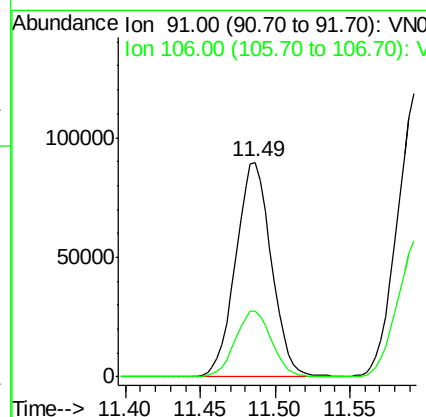
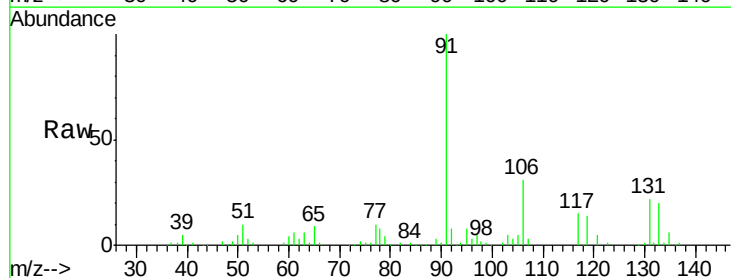
RT: 11.49 min Scan# 3021

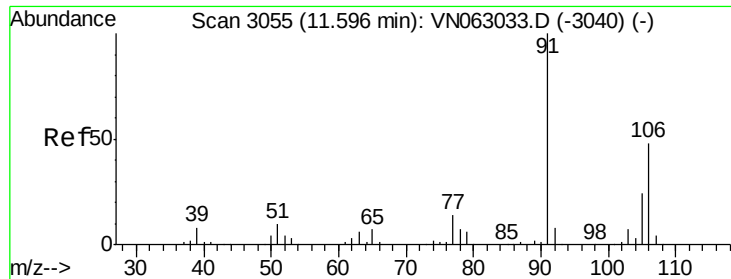
Delta R.T. 0.00 min

Lab File: VN063044.D

Acq: 20 Aug 2020 18:25

Tgt Ion: 91 Resp: 148831
 Ion Ratio Lower Upper
 91 100
 106 30.8 25.0 37.4





#67

m/p-Xylenes

Concen: 38.672 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. -0.00 min

Lab File: VN063044.D

Acq: 20 Aug 2020 18:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion:106 Resp: 115778

Ion Ratio Lower Upper

106 100

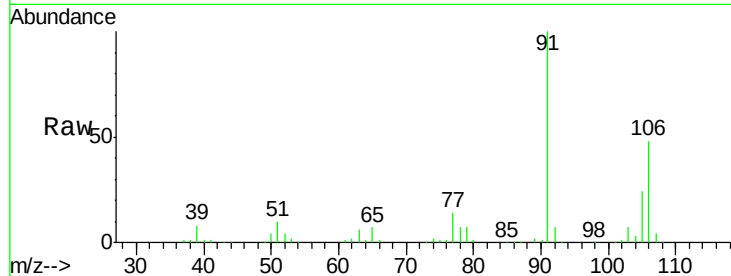
91 207.8 164.9 247.3

Manual Integrations

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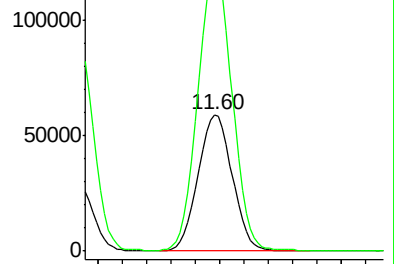
MMDadoda

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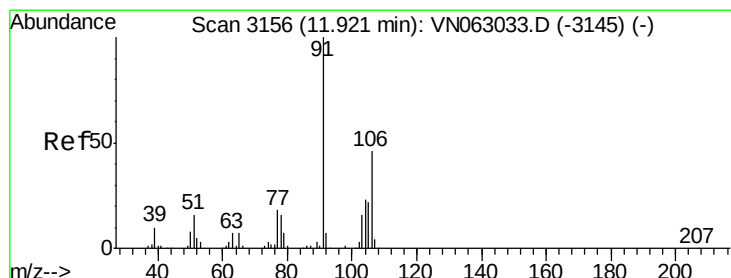
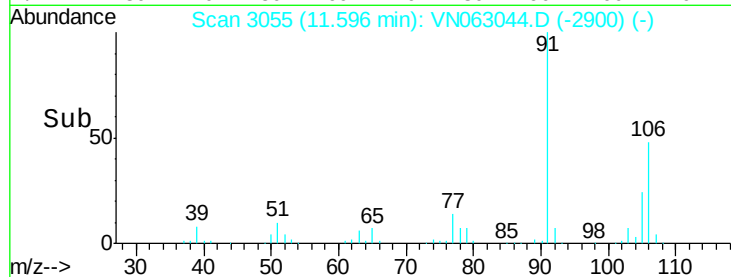


Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



Time-->



#68

o-Xylene

Concen: 19.204 ug/l

RT: 11.92 min Scan# 3157

Delta R.T. 0.00 min

Lab File: VN063044.D

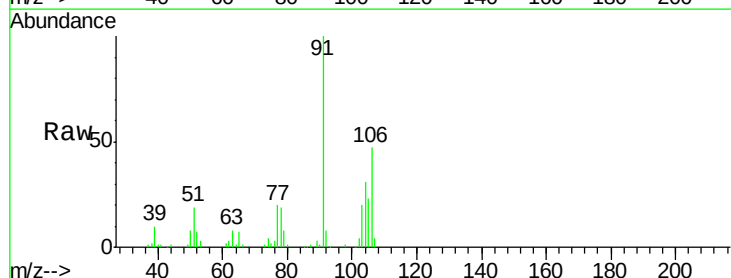
Acq: 20 Aug 2020 18:25

Tgt Ion:106 Resp: 55229

Ion Ratio Lower Upper

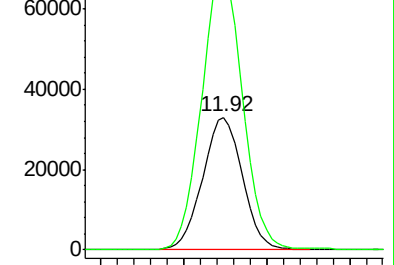
106 100

91 215.4 108.0 324.0

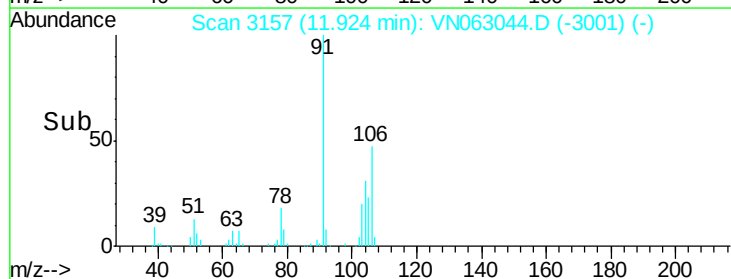


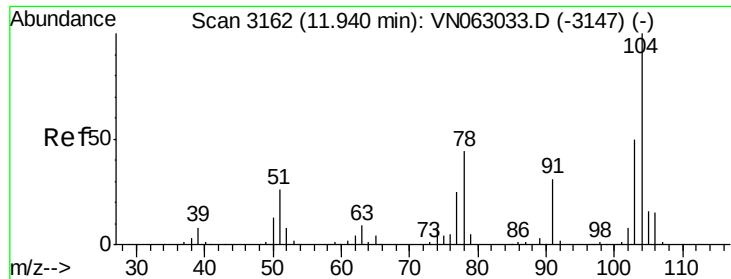
Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



Time-->





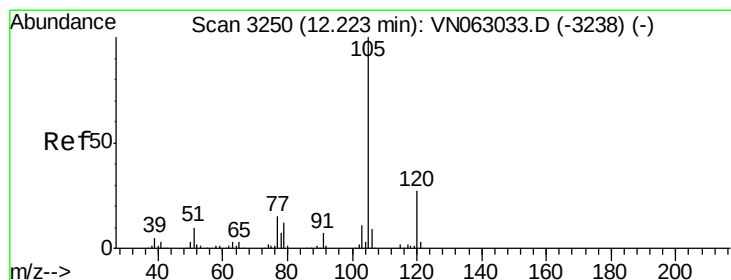
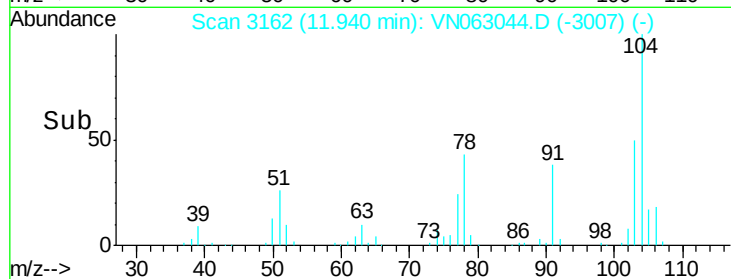
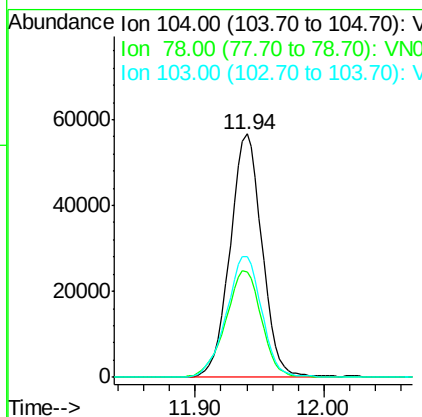
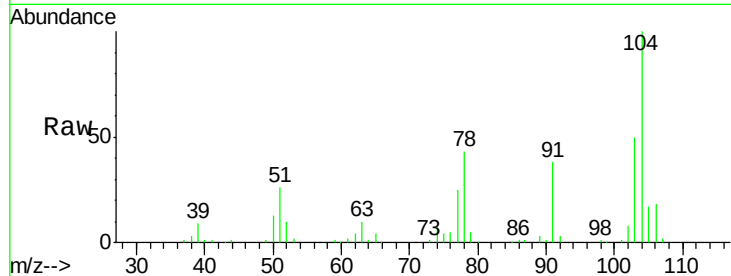
#69
Stvrene
Concen: 19.444 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.9	39.6	59.4
103	54.8	44.4	66.6

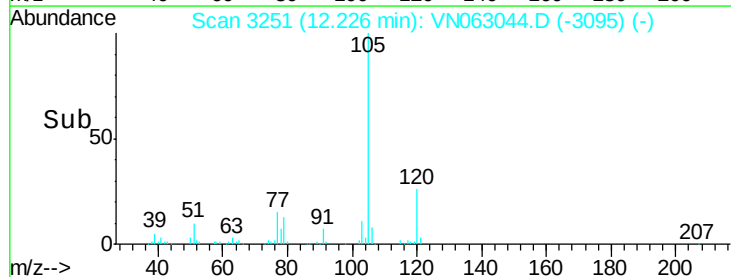
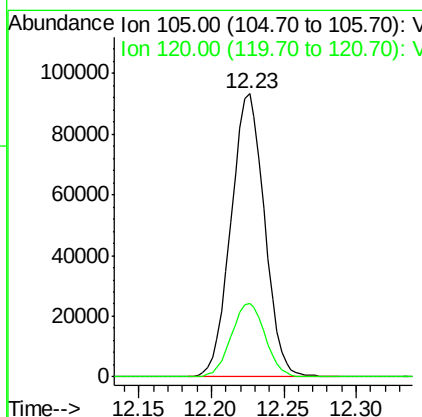
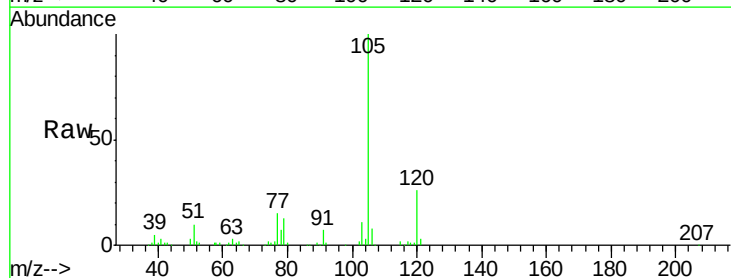
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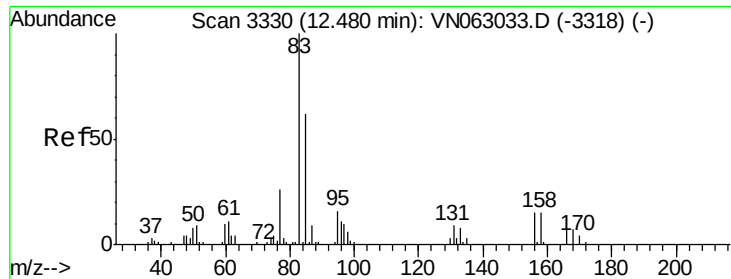
MMDadoda
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#70
Isopropylbenzene
Concen: 19.202 ug/l
RT: 12.23 min Scan# 3251
Delta R.T. 0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.2	18.5	34.3





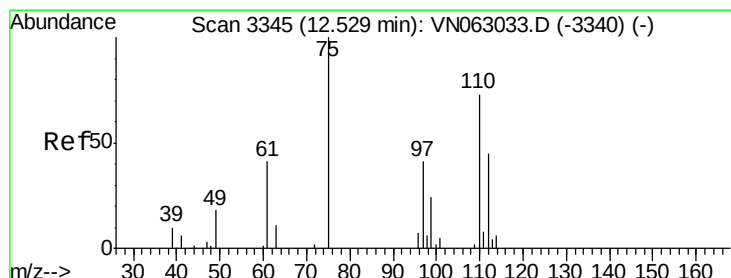
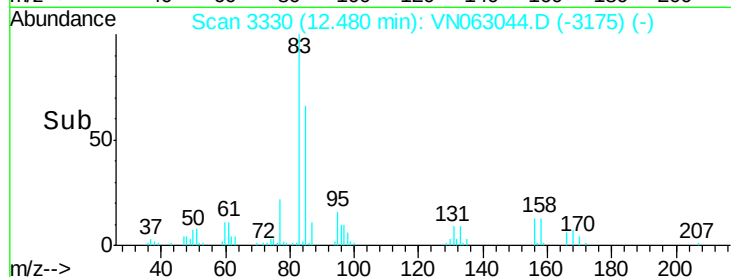
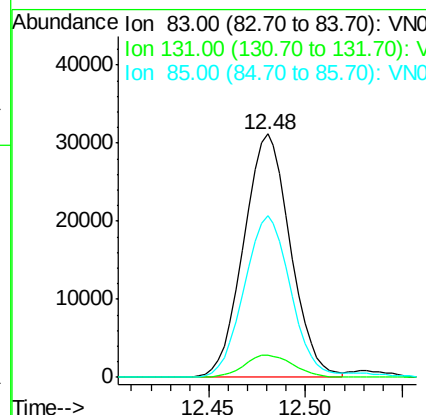
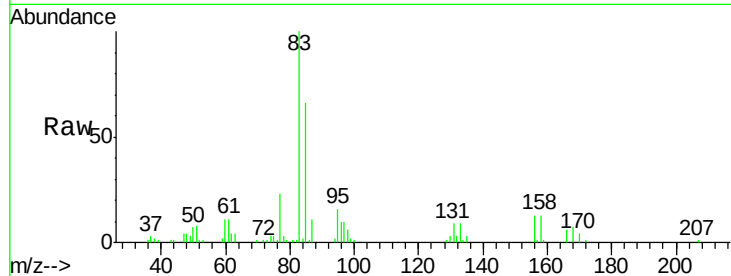
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.870 ug/l
 RT: 12.48 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VN063044.D
 Acq: 20 Aug 2020 18:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	83	Resp	52358
Ion Ratio	100	Lower	Upper
83	100		
131	9.6	4.5	13.7
85	66.3	31.8	95.3

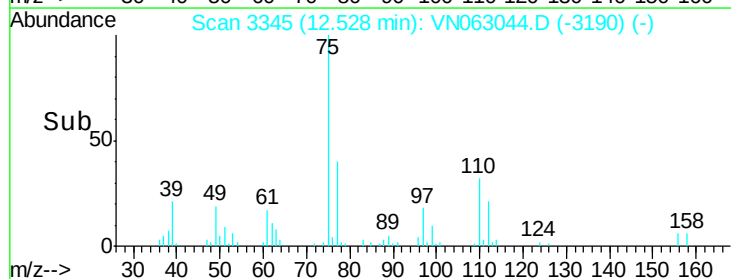
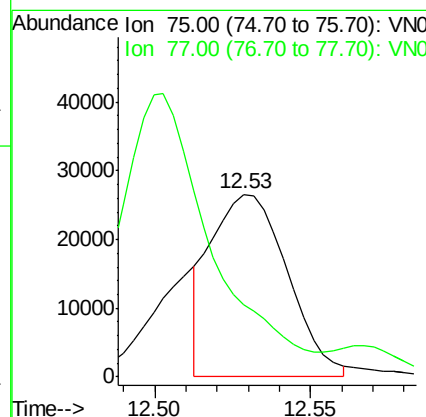
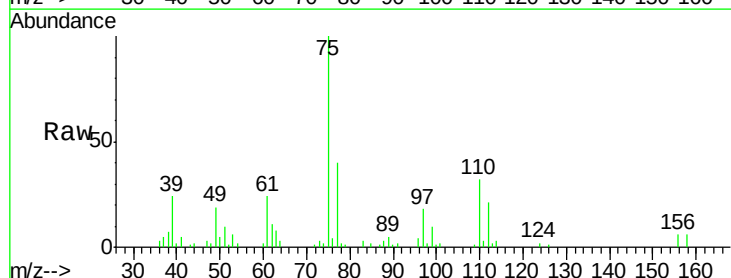
Manual Integrations
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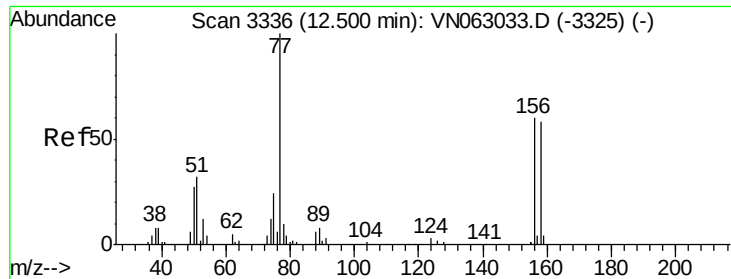
MMDadoda
 8/21/2020 9:20:55 AM



#72
 1,2,3-Trichloropropane
 Concen: 20.374 ug/l m
 RT: 12.53 min Scan# 3345
 Delta R.T. -0.00 min
 Lab File: VN063044.D
 Acq: 20 Aug 2020 18:25

Tgt Ion	75	Resp	45354
Ion Ratio	100	Lower	Upper
75	100		
77	187.1	0.0	387.8





#73

Bromobenzene

Concen: 19.651 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN063044.D

Acq: 20 Aug 2020 18:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion:156 Resp: 41458

Ion Ratio Lower Upper

156 100

77 204.7 0.0 398.6

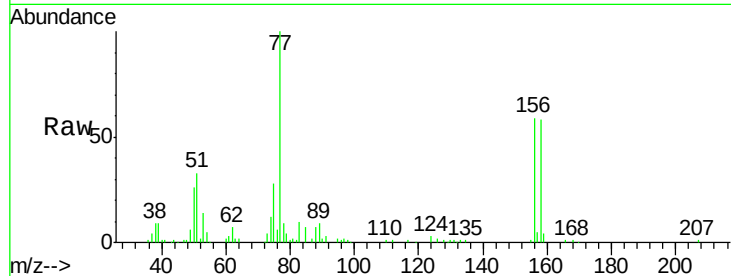
158 98.3 0.0 195.4

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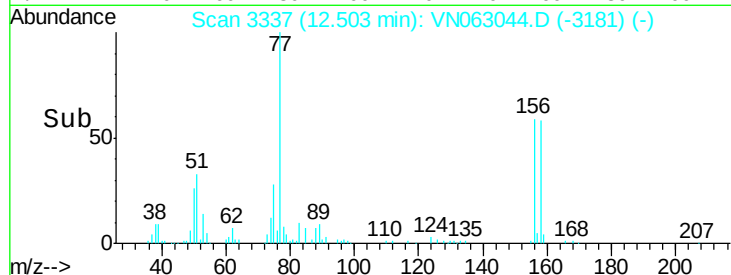


Abundance Ion 156.00 (155.70 to 156.70): V

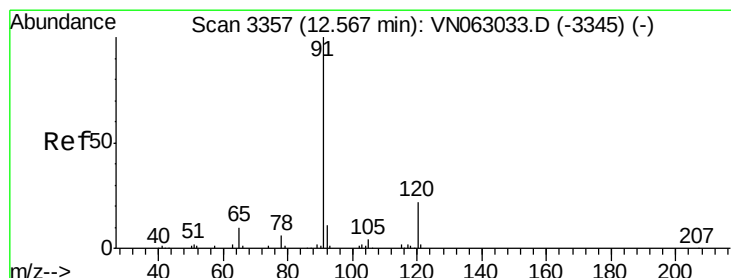
Ion 77.00 (76.70 to 77.70): VN

Ion 158.00 (157.70 to 158.70): V

Time-->



Time-->



#74

n-propylbenzene

Concen: 18.976 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN063044.D

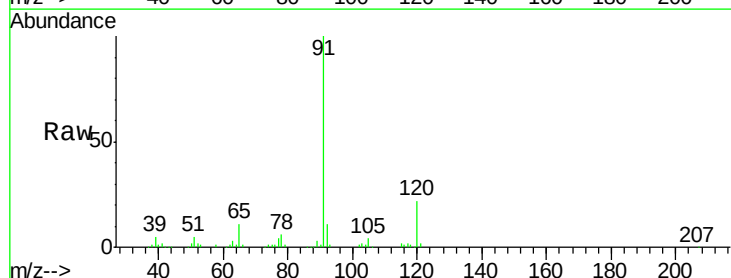
Acq: 20 Aug 2020 18:25

Tgt Ion: 91 Resp: 178081

Ion Ratio Lower Upper

91 100

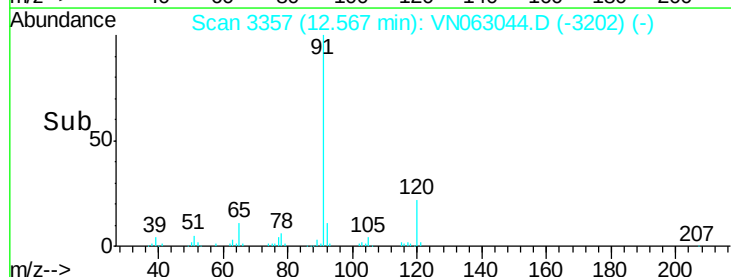
120 21.9 0.0 44.0



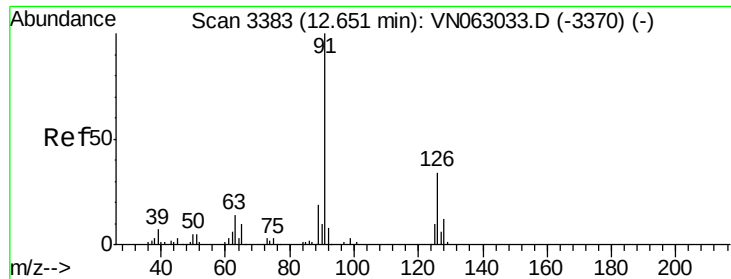
Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V

Time-->



Time-->



#75

2-Chlorotoluene

Concen: 19.696 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN063044.D

Acq: 20 Aug 2020 18:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 110162

Ion Ratio Lower Upper

91 100

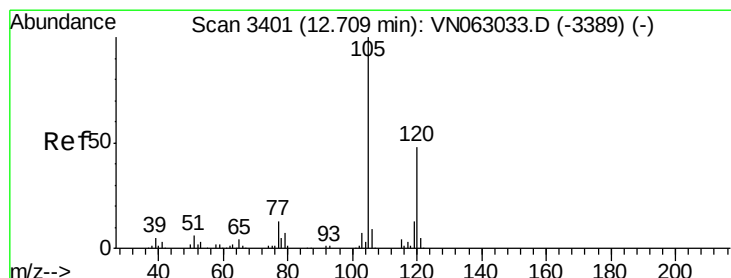
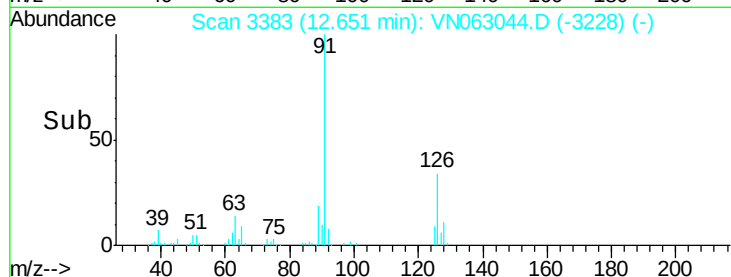
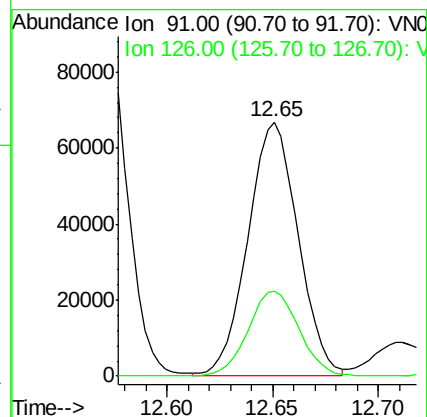
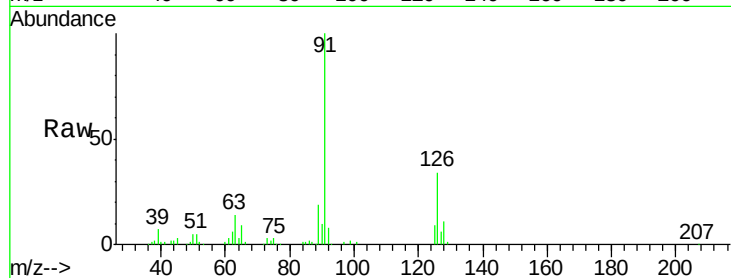
126 34.1 0.0 68.0

Manual Integrations

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#76

1,3,5-Trimethylbenzene

Concen: 19.265 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN063044.D

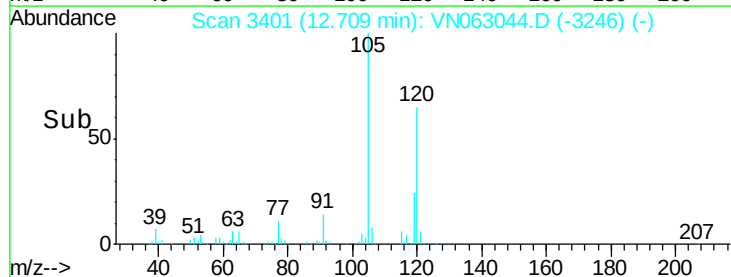
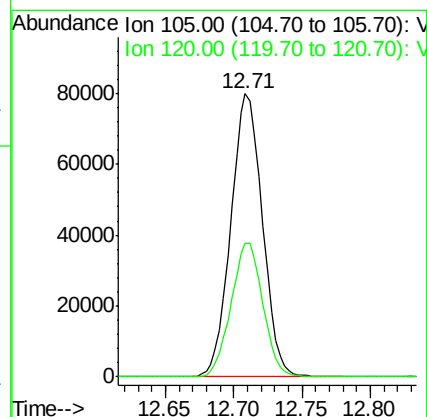
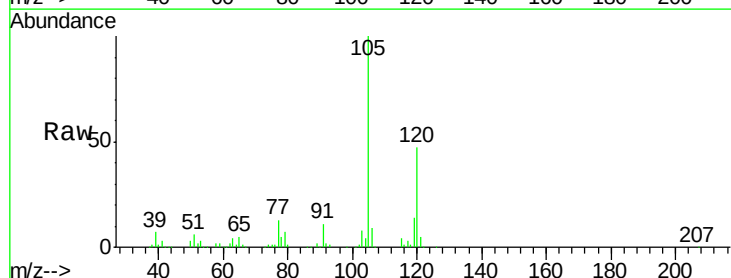
Acq: 20 Aug 2020 18:25

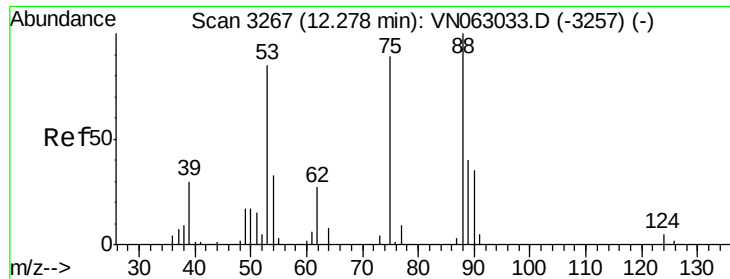
Tgt Ion: 105 Resp: 128623

Ion Ratio Lower Upper

105 100

120 47.5 0.0 95.0





#77

t-1,4-Dichloro-2-butene

Concen: 19.679 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. -0.00 min

Lab File: VN063044.D

Acq: 20 Aug 2020 18:25

Instrument :

MSVOA_N

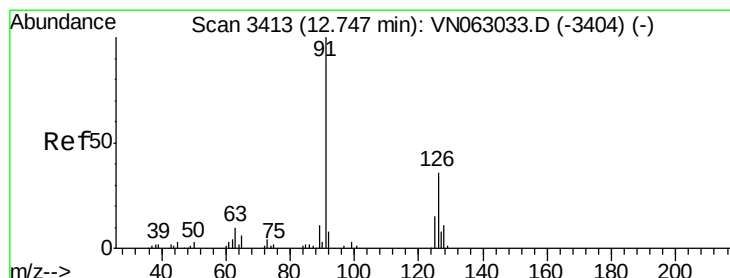
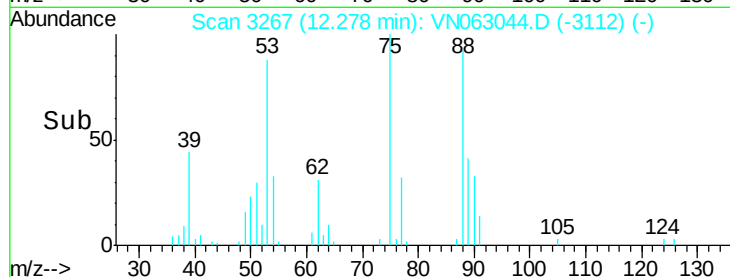
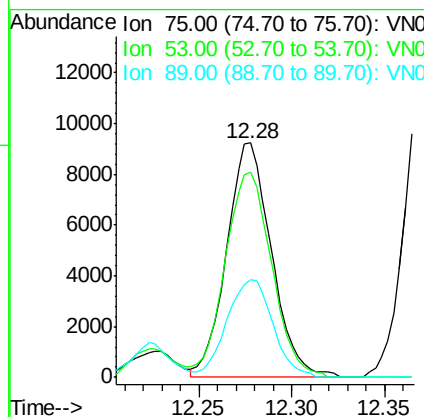
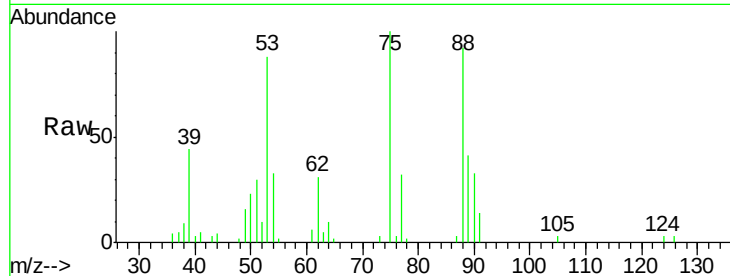
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	15483
Ion	Ratio	Lower	Upper
75	100		
53	87.7	47.0	141.0
89	41.5	22.9	68.7

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#78

4-Chlorotoluene

Concen: 19.296 ug/l

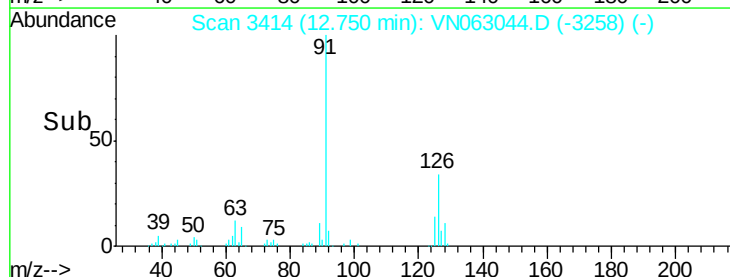
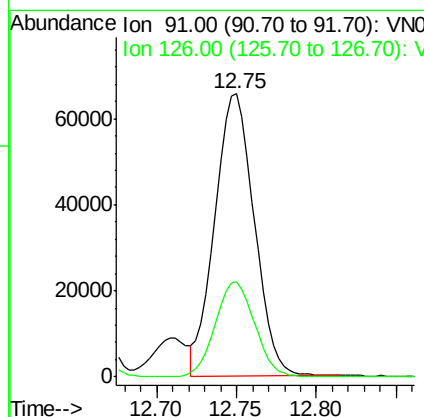
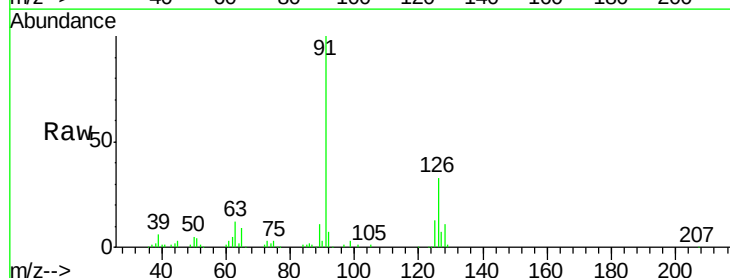
RT: 12.75 min Scan# 3414

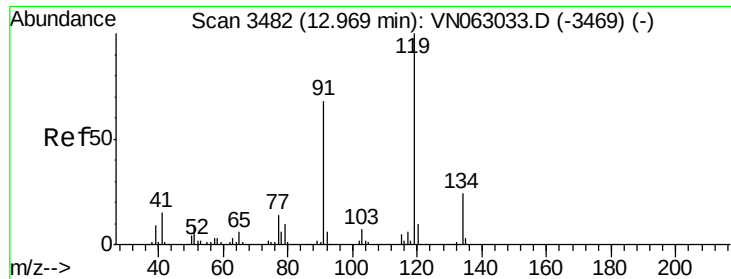
Delta R.T. 0.00 min

Lab File: VN063044.D

Acq: 20 Aug 2020 18:25

Tgt Ion:	91	Resp:	111273
Ion	Ratio	Lower	Upper
91	100		
126	33.7	0.0	65.0





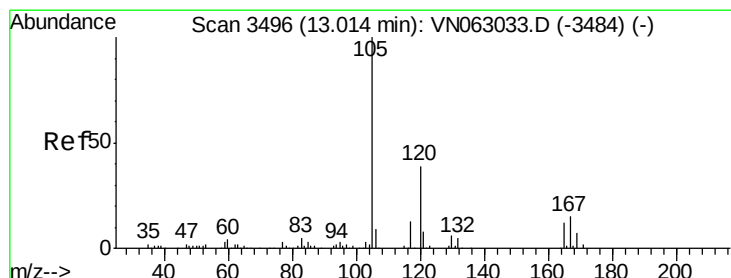
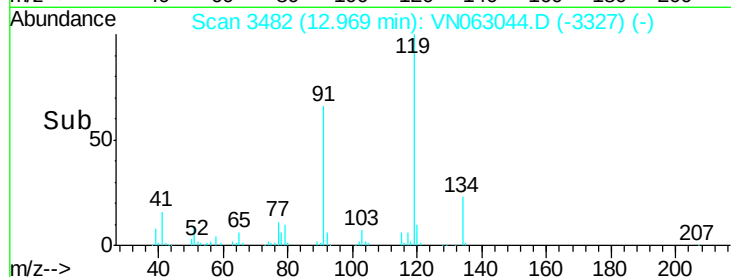
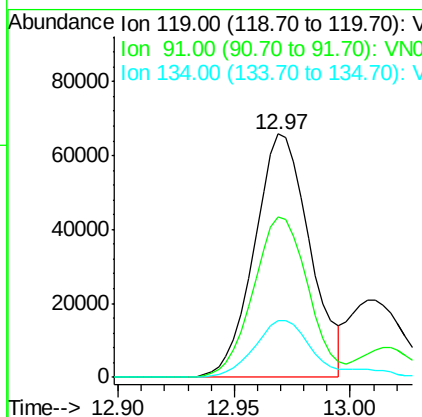
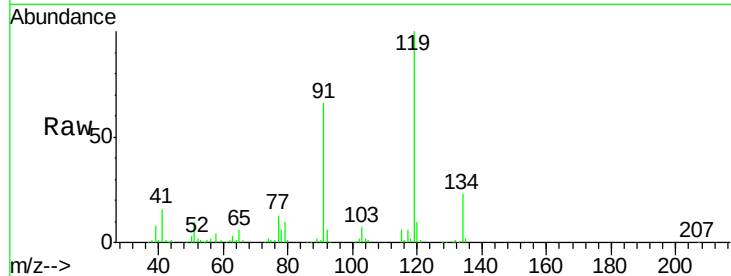
#79
tert-butylbenzene
Concen: 19.443 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	109221		
91	65.5	0.0	136.8	
134	25.9	0.0	48.8	

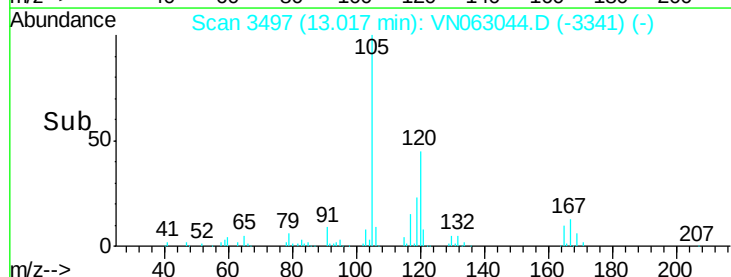
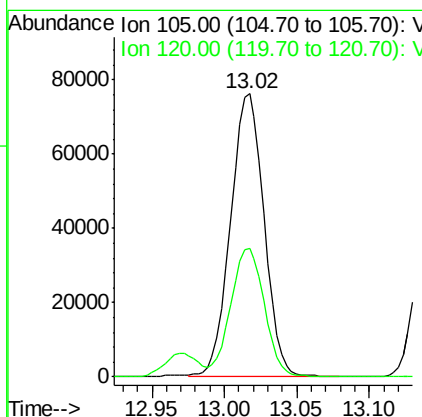
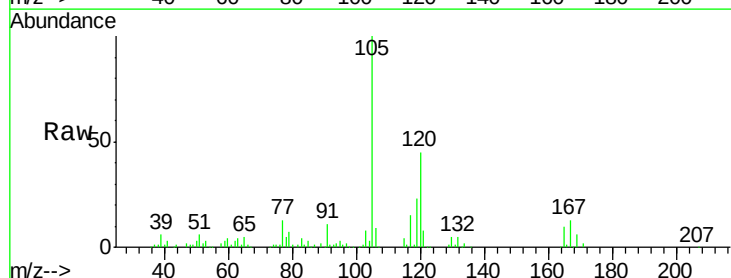
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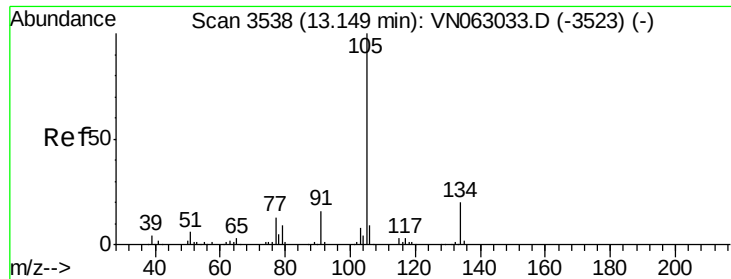
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#80
1,2,4-Trimethylbenzene
Concen: 18.805 ug/l
RT: 13.02 min Scan# 3497
Delta R.T. 0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	122214		
120	45.7	0.0	90.4	





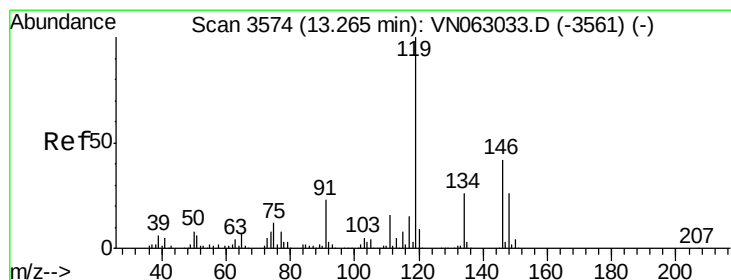
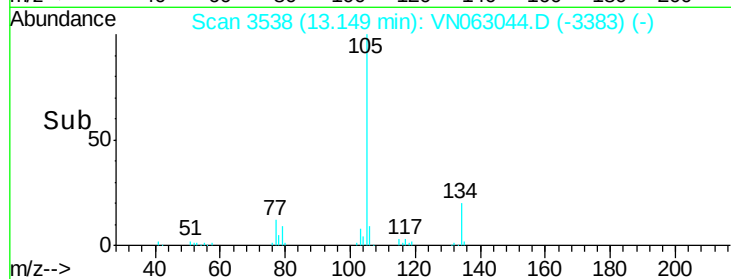
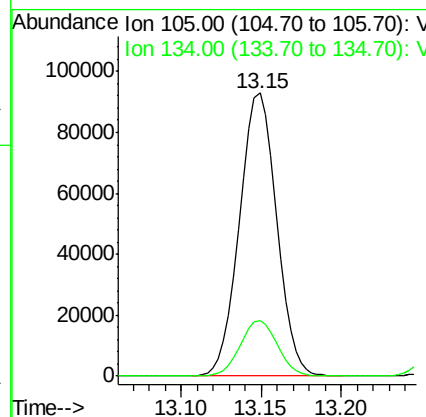
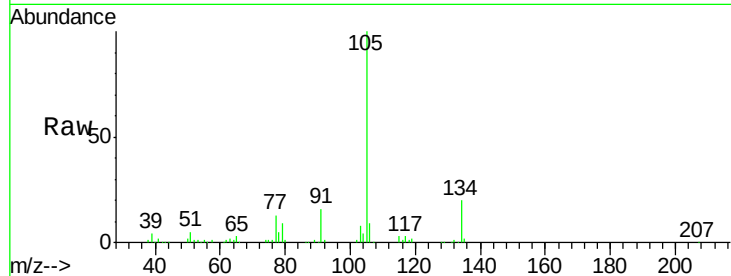
#81
 sec-Butylbenzene
 Concen: 18.990 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. -0.00 min
 Lab File: VN063044.D
 Acq: 20 Aug 2020 18:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
105	100	146954		
134	19.6	0.0	39.4	

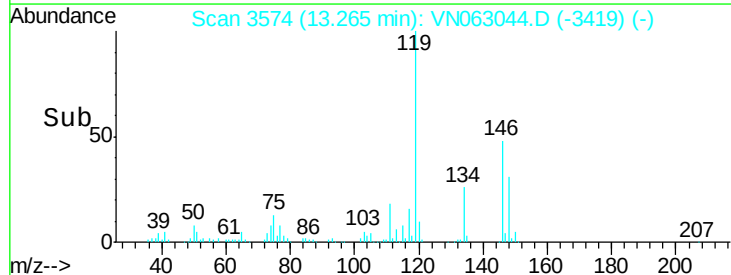
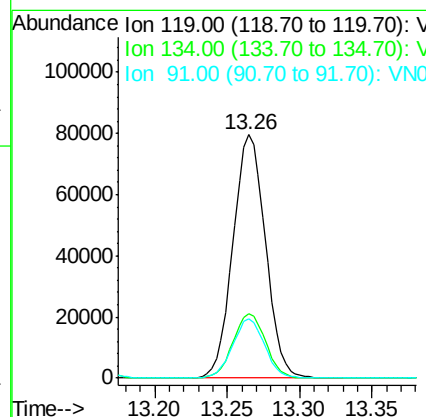
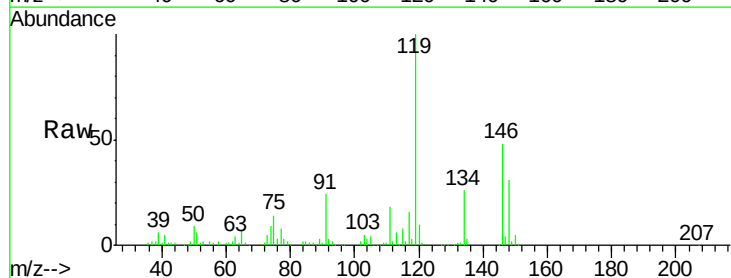
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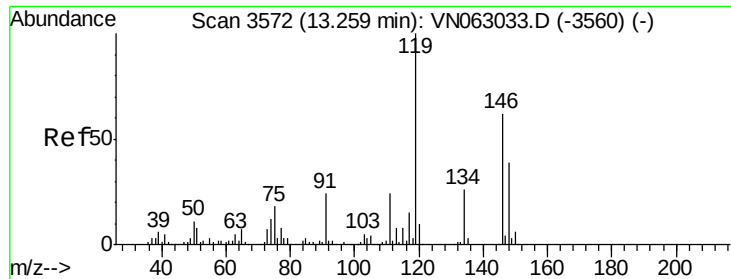
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 8/21/2020 9:20:55 AM



#82
 p-Isopropyltoluene
 Concen: 18.062 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN063044.D
 Acq: 20 Aug 2020 18:25

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	123912		
134	26.4	0.0	52.2	
91	23.9	0.0	46.2	





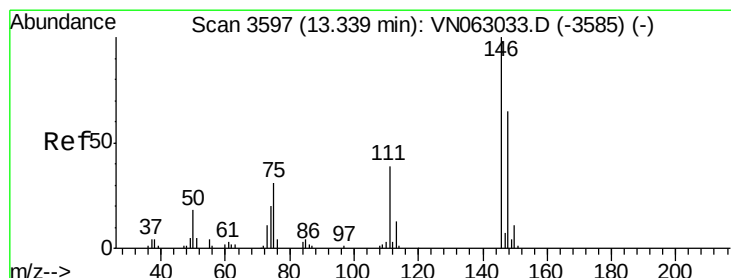
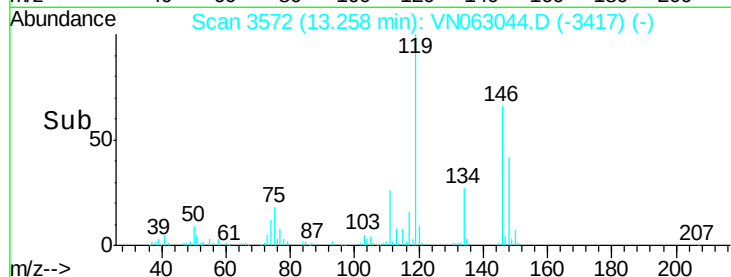
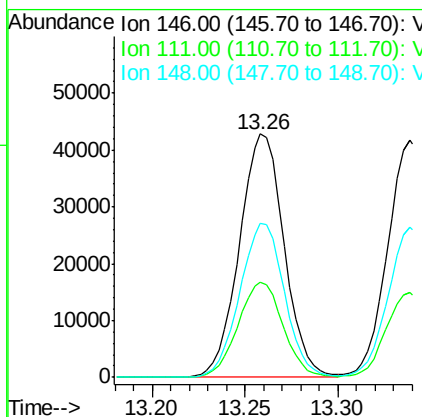
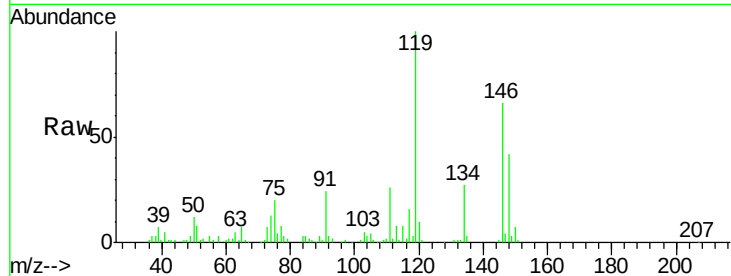
#83
 1,3-Dichlorobenzene
 Concen: 19.540 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN063044.D
 Acq: 20 Aug 2020 18:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.4	58.1
148	63.3	31.5	94.5

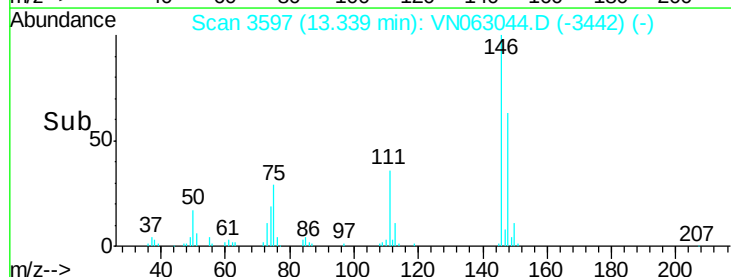
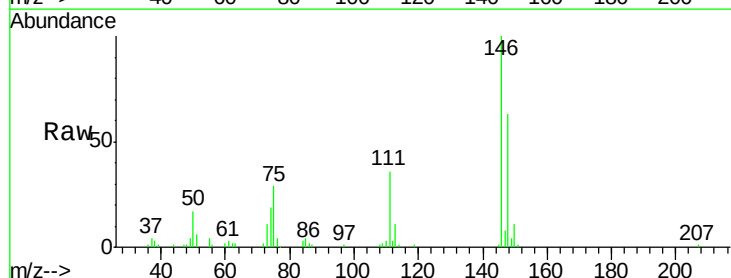
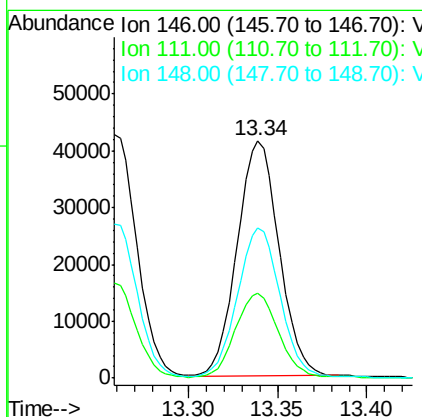
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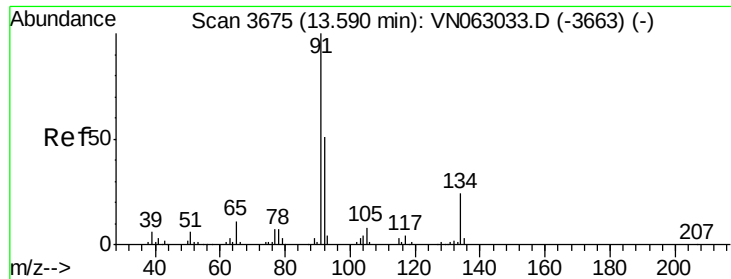
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 8/21/2020 9:20:55 AM



#84
 1,4-Dichlorobenzene
 Concen: 18.956 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN063044.D
 Acq: 20 Aug 2020 18:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.6	55.8
148	64.2	31.6	94.8





#85

n-Butylbenzene

Concen: 16.772 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN063044.D

Acq: 20 Aug 2020 18:25

Instrument :

MSVOA_N

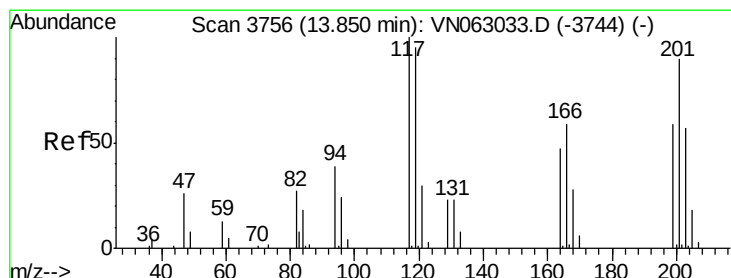
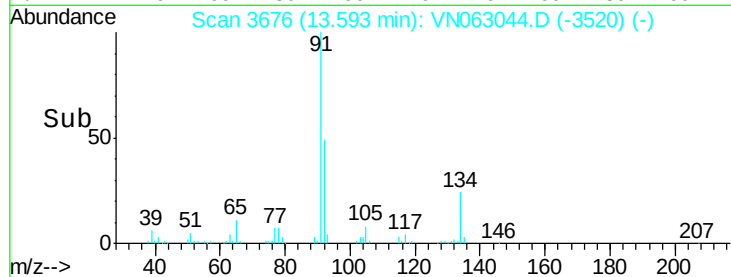
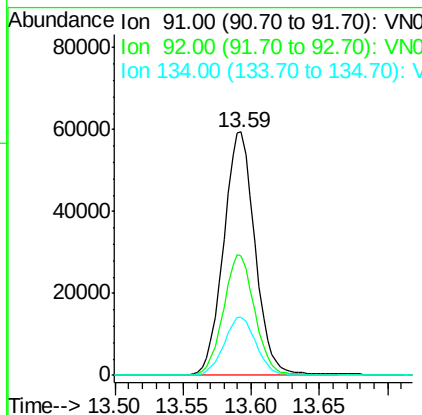
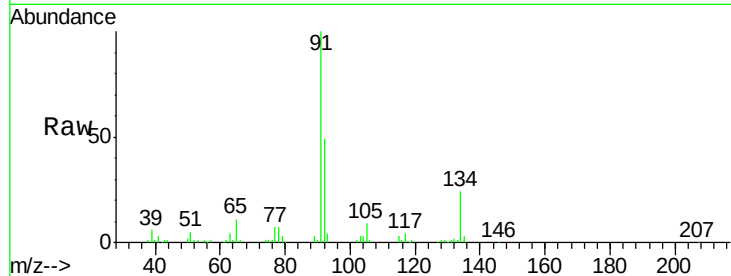
ClientSampleId :

VSTDCCC020EC

Tot Ion:	91	Resp:	95616
Ion	Ratio	Lower	Upper
91	100		
92	49.0	0.0	100.6
134	24.0	0.0	47.4

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#86

Hexachloroethane

Concen: 19.278 ug/l

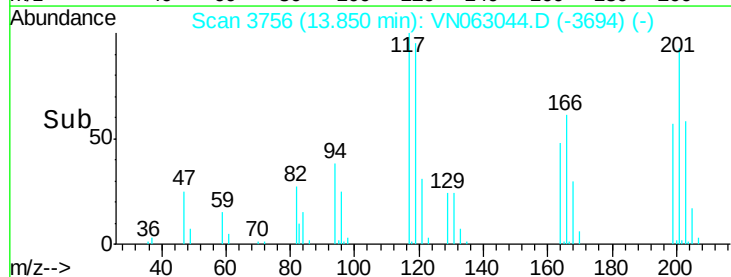
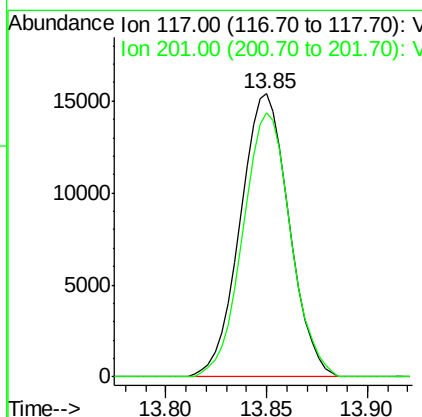
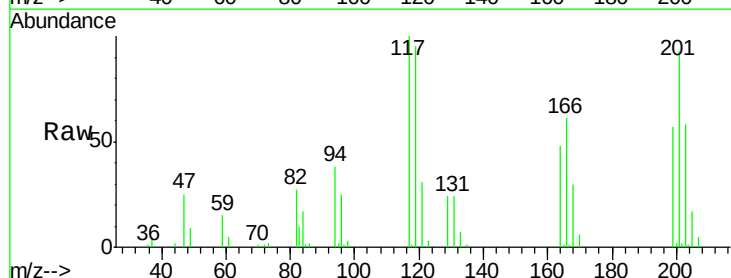
RT: 13.85 min Scan# 3756

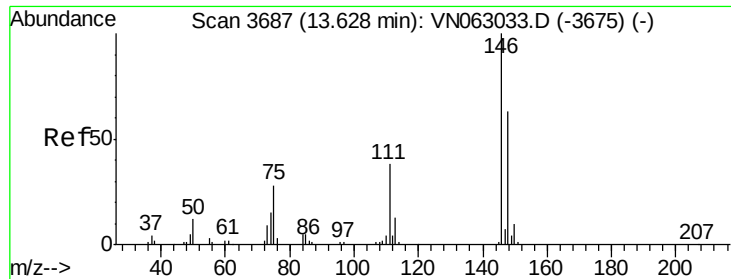
Delta R.T. -0.00 min

Lab File: VN063044.D

Acq: 20 Aug 2020 18:25

Tgt Ion:	117	Resp:	26048
Ion	Ratio	Lower	Upper
117	100		
201	91.4	46.1	138.3





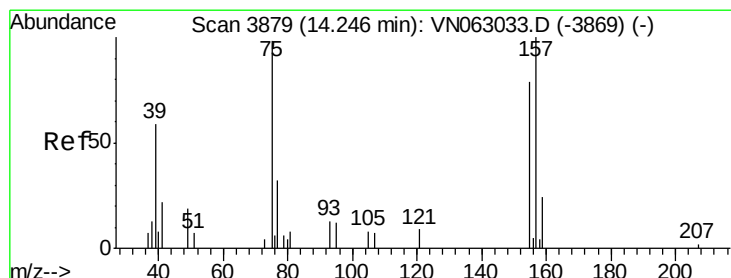
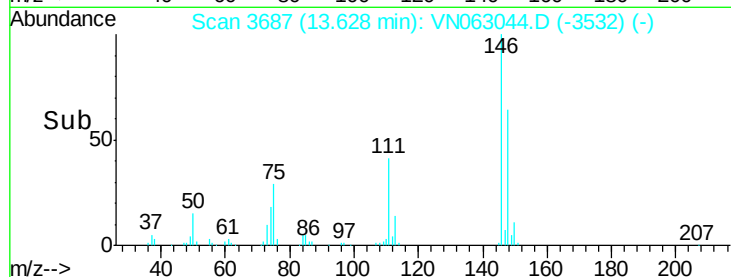
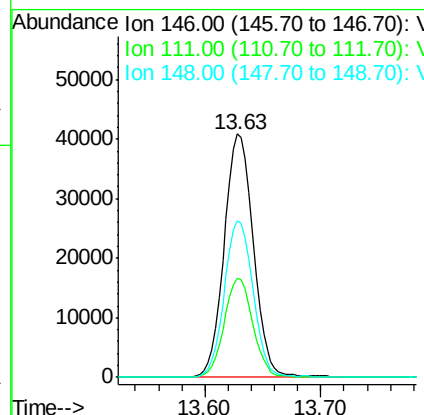
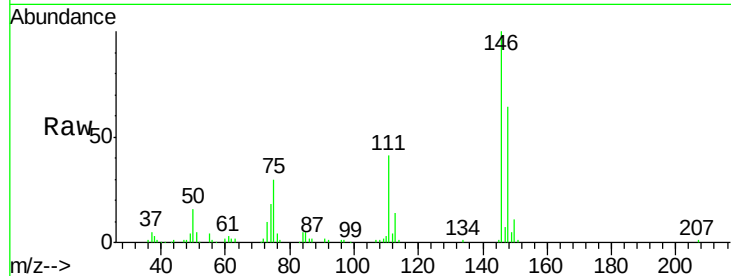
#87
 1,2-Dichlorobenzene
 Concen: 20.249 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN063044.D
 Acq: 20 Aug 2020 18:25

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.1	57.3
148	62.9	31.8	95.4

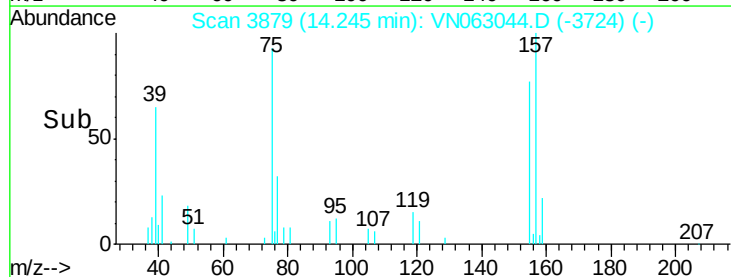
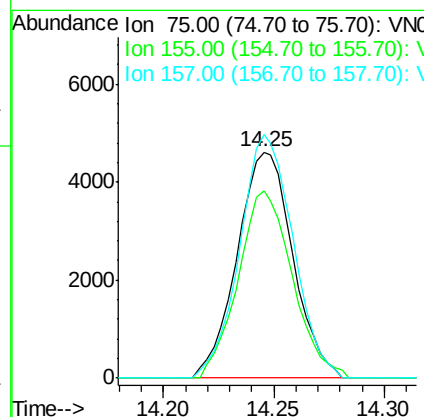
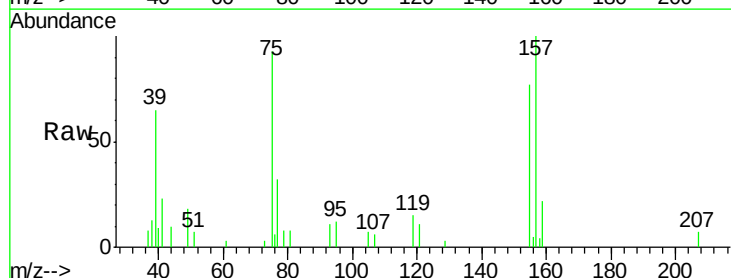
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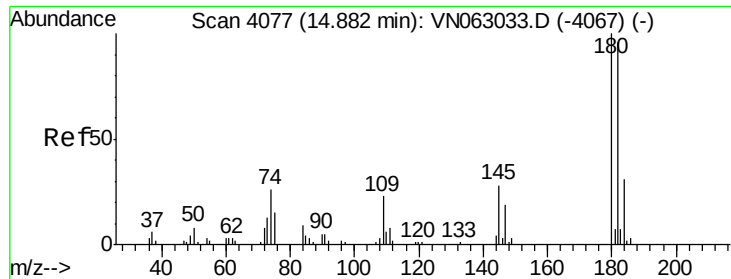
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.332 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN063044.D
 Acq: 20 Aug 2020 18:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.7	64.8	97.2
157	103.4	81.2	121.8





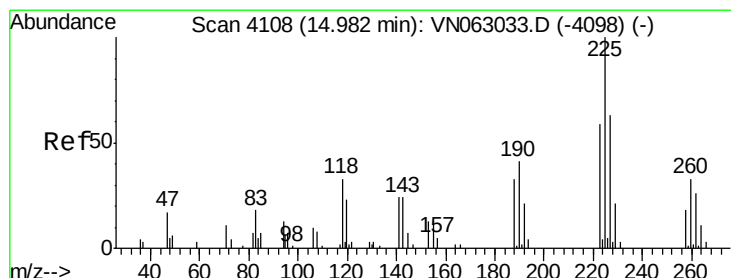
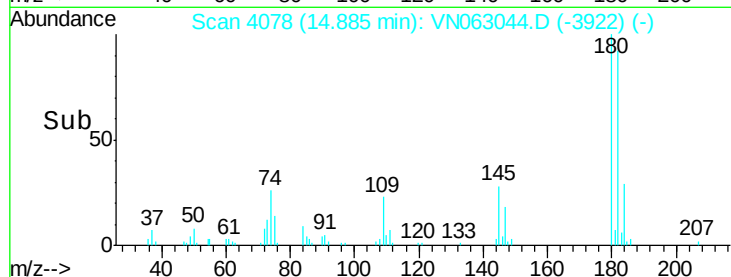
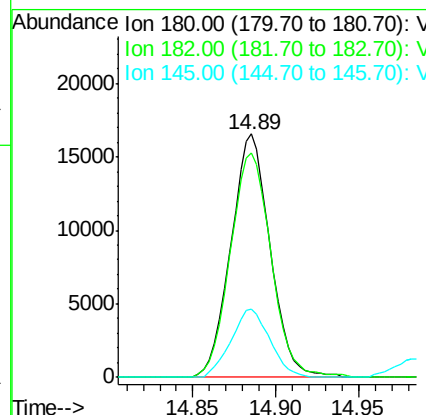
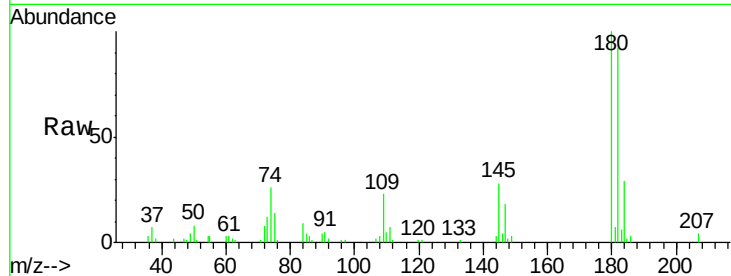
#89
 1,2,4-Trichlorobenzene
 Concen: 15.659 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN063044.D
 Acq: 20 Aug 2020 18:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.9	115.3
145	27.6	21.9	32.9

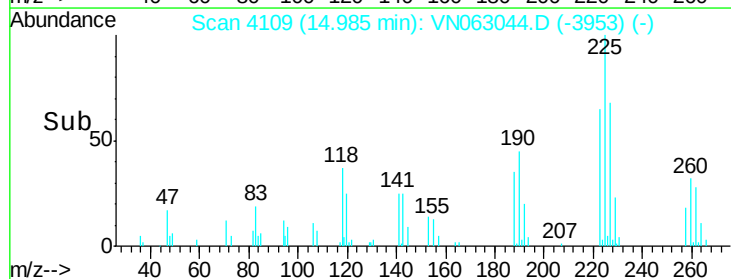
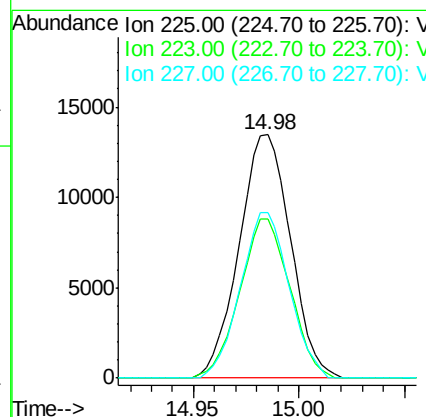
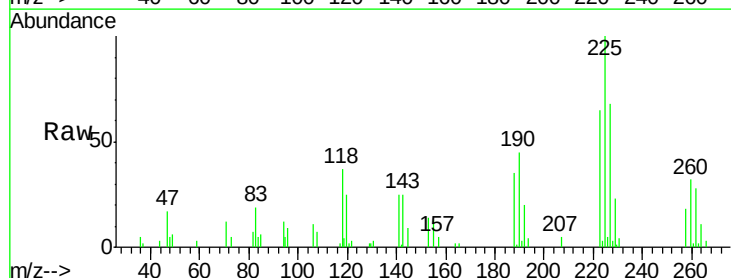
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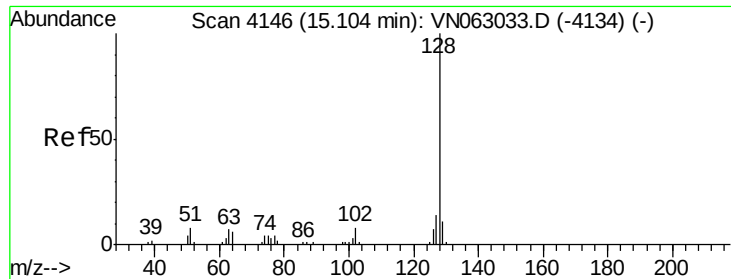
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#90
 Hexachlorobutadiene
 Concen: 17.725 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN063044.D
 Acq: 20 Aug 2020 18:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	0.0	122.8
227	64.3	0.0	125.6





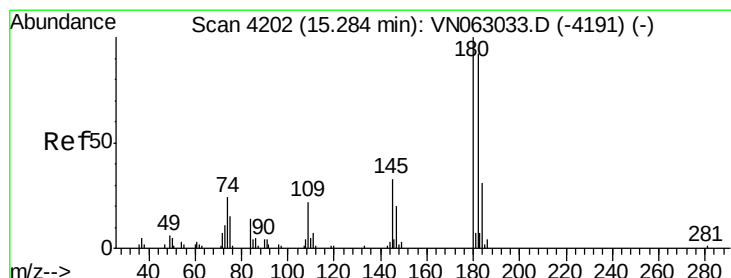
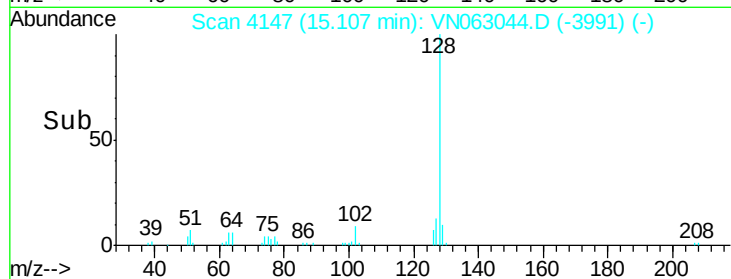
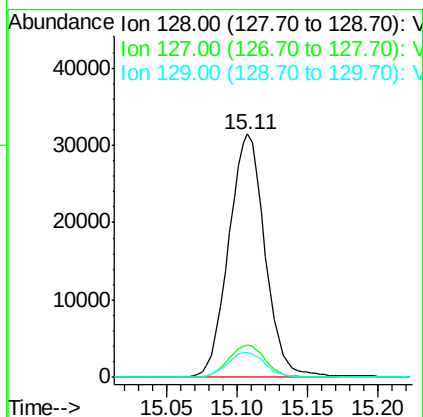
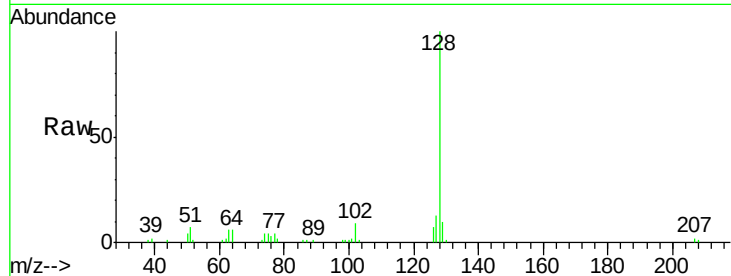
#91
Naphthalene
Concen: 14.731 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	11.1	16.7
129	10.5	8.4	12.6

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#92
1,2,3-Trichlorobenzene
Concen: 15.256 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN063044.D
Acq: 20 Aug 2020 18:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	0.0	188.0
145	30.0	0.0	62.0

