

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110920\
 Data File : VN064515.D
 Acq On : 9 Nov 2020 18:46
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 11/10/2020 1:10:58 PM

Quant Time: Nov 10 04:02:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 09 13:16:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	62399	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	335815	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	310984	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	170923	30.94	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.13%
60) 4-Bromofluorobenzene	12.38	95	156801	29.43	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.10%
63) Toluene-d8	10.06	98	434268	29.94	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.84	85	85540	20.469 ug/l	98
3) Chloromethane	2.04	50	97233	20.390 ug/l	100
4) Vinyl Chloride	2.17	62	105950	20.506 ug/l	96
5) Bromomethane	2.54	94	66317	19.611 ug/l	98
6) Chloroethane	2.68	64	65840	20.406 ug/l	97
7) Trichlorofluoromethane	2.99	101	155745	20.817 ug/l	97
8) Diethyl Ether	3.38	74	54073	20.237 ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.71	101	69758	19.810 ug/l	52
10) 1,1-Dichloroethene	3.69	96	66586	19.767 ug/l	95
11) Methyl Iodide	3.91	142	81769	19.690 ug/l	99
12) Methyl Acetate	4.29	43	86038	20.949 ug/l	99
13) Acrolein	3.57	56	53882	129.734 ug/l	99
14) Acrylonitrile	4.94	53	172721	94.559 ug/l	99
15) Acetone	3.78	58	48759	80.885 ug/l	94
16) Carbon Disulfide	4.01	76	201262	19.688 ug/l	100
17) Allyl chloride	4.28	41	127701	20.177 ug/l	95
18) Methylene Chloride	4.51	84	81353	20.338 ug/l	93
19) trans-1,2-Dichloroethene	4.99	96	76170	19.951 ug/l	97
20) Diisopropyl ether	5.91	45	271812	19.724 ug/l	96
21) 1,1-Dichloroethane	5.80	63	154674	20.410 ug/l	99
22) cis-1,2-Dichloroethene	6.78	96	88133	20.369 ug/l	93
23) tert-Butyl Alcohol	4.75	59	58611	93.710 ug/l	# 100
24) Methyl tert-Butyl Ether	5.00	73	237789	19.958 ug/l	# 72
25) Chloroform	7.33	83	161822	20.321 ug/l	97
26) Cyclohexane	7.61	56	112564	19.239 ug/l	# 100
29) 1,1-Dichloropropene	7.75	75	112993	19.389 ug/l	100
30) 2-Butanone	6.79	43	246058	85.294 ug/l	99
31) 2,2-Dichloropropane	6.78	77	131628	19.015 ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	142814	19.979 ug/l	99
33) Carbon Tetrachloride	7.74	117	127725	20.008 ug/l	97
34) Benzene	8.00	78	334894	19.847 ug/l	99
35) Methacrylonitrile	7.13	41	50853	18.843 ug/l	94
36) 1,2-Dichloroethane	8.09	62	137355	19.836 ug/l	# 92
37) Trichloroethene	8.80	130	84582	19.825 ug/l	97
38) Methylcyclohexane	9.05	83	96424	18.293 ug/l	97
39) 1,2-Dichloropropane	9.08	63	89288	19.693 ug/l	98
40) Dibromomethane	9.18	93	62070	20.293 ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	129647	19.557	ug/l	100
42) Vinyl Acetate	5.85	43	1102473	95.461	ug/l	99
43) Ethyl Acetate	6.89	43	103824	18.496	ug/l	95
44) Isopropyl Acetate	8.13	43	183768	18.965	ug/l	96
45) 1,4-Dioxane	9.17	88	23957	352.692	ug/l	96
46) Methyl methacrylate	9.17	41	91737	19.037	ug/l	98
47) n-amyl Acetate	12.05	43	147908	17.645	ug/l	99
48) t-1,3-Dichloropropene	10.35	75	134527	19.149	ug/l	98
49) cis-1,3-Dichloropropene	9.81	75	141696	19.196	ug/l	97
50) 1,1,2-Trichloroethane	10.53	97	83646	19.947	ug/l	94
51) Ethyl methacrylate	10.40	69	108870	18.117	ug/l	93
52) 1,3-Dichloropropane	10.68	76	141613	19.657	ug/l	99
53) Dibromochloromethane	10.87	129	91443	19.040	ug/l	97
54) 1,2-Dibromoethane	10.98	107	84528	19.707	ug/l	98
55) 2-Chloroethyl vinyl ether	9.67	63	270571	86.039	ug/l	99
56) Bromoform	12.10	173	59624	18.919	ug/l	97
58) 4-Methyl-2-Pentanone	9.96	43	552598	96.762	ug/l	99
59) 2-Hexanone	10.72	43	386892	89.946	ug/l	100
61) Tetrachloroethene	10.60	164	79932	20.563	ug/l	97
62) Toluene	10.13	91	356339	19.512	ug/l	98
64) Chlorobenzene	11.41	112	213896	19.703	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.48	131	84992	20.027	ug/l	100
66) Ethyl Benzene	11.48	91	378545	19.206	ug/l	99
67) m/p-Xylenes	11.59	106	285257	39.211	ug/l	98
68) o-Xylene	11.92	106	133951	19.457	ug/l	97
69) Styrene	11.94	104	227617	19.306	ug/l	99
70) Isopropylbenzene	12.23	105	354557	19.676	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.48	83	112431	19.483	ug/l	99
72) 1,2,3-Trichloropropane	12.53	75	107246m	18.635	ug/l	
73) Bromobenzene	12.50	156	85696	19.225	ug/l	99
74) n-propylbenzene	12.57	91	414718	19.566	ug/l	98
75) 2-Chlorotoluene	12.65	91	263764	19.792	ug/l	99
76) 1,3,5-Trimethylbenzene	12.71	105	298163	19.601	ug/l	98
77) t-1,4-Dichloro-2-butene	12.27	75	36406	17.350	ug/l	93
78) 4-Chlorotoluene	12.75	91	266790	19.052	ug/l	100
79) tert-butylbenzene	12.97	119	231352	19.380	ug/l	96
80) 1,2,4-Trimethylbenzene	13.01	105	302054	19.704	ug/l	99
81) sec-Butylbenzene	13.15	105	305993	19.337	ug/l	100
82) p-Isopropyltoluene	13.26	119	267463	18.919	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	151508	19.320	ug/l	99
84) 1,4-Dichlorobenzene	13.34	146	149741	19.199	ug/l	97
85) n-Butylbenzene	13.59	91	226164	18.453	ug/l	100
86) Hexachloroethane	13.85	117	53058	18.835	ug/l	99
87) 1,2-Dichlorobenzene	13.63	146	151762	19.870	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	14.24	75	22578	18.110	ug/l	97
89) 1,2,4-Trichlorobenzene	14.88	180	58517	16.874	ug/l	99
90) Hexachlorobutadiene	14.98	225	33068	19.145	ug/l	97
91) Naphthalene	15.10	128	190119	16.573	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	62573	17.829	ug/l	96

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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

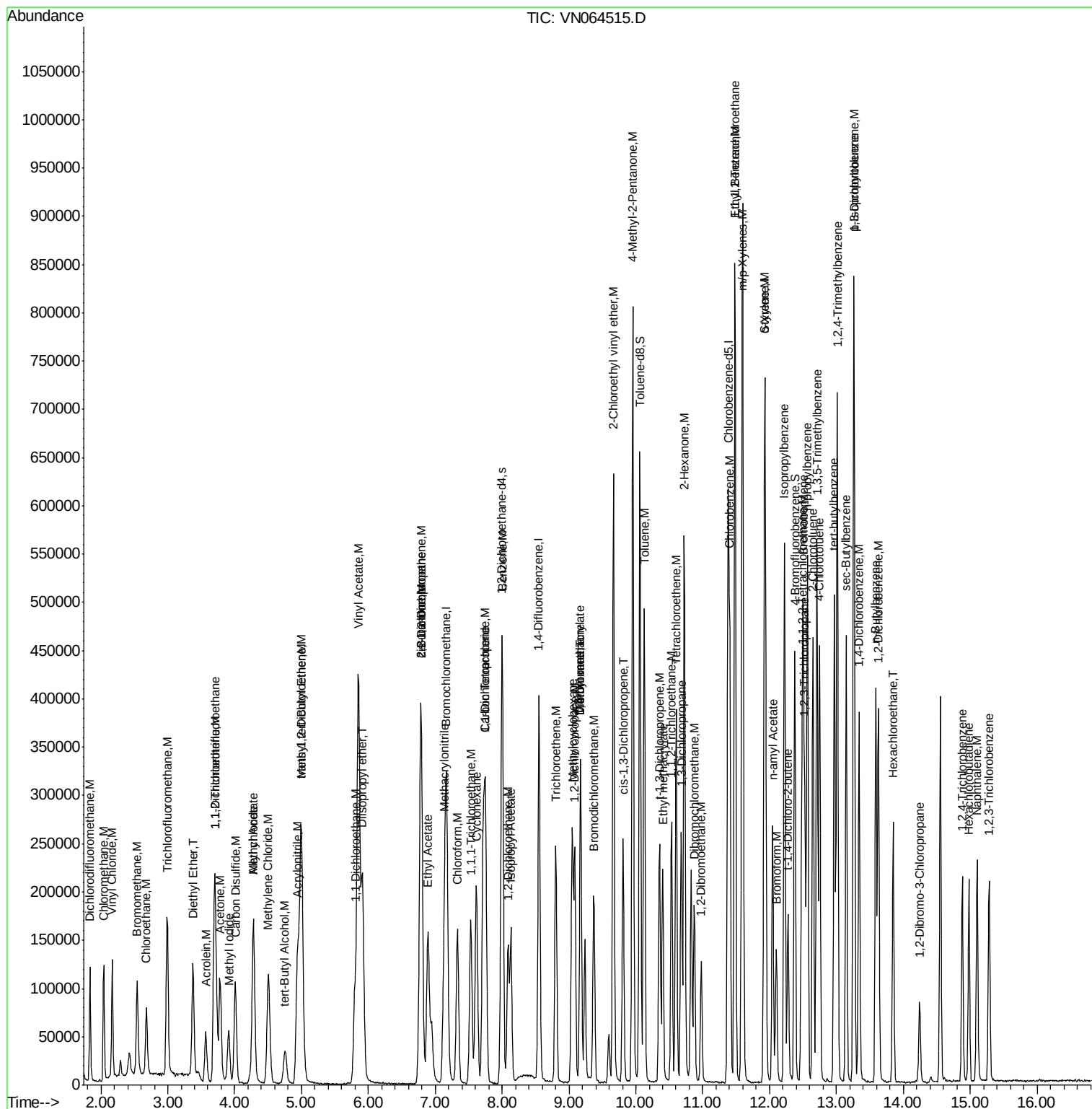
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110920\
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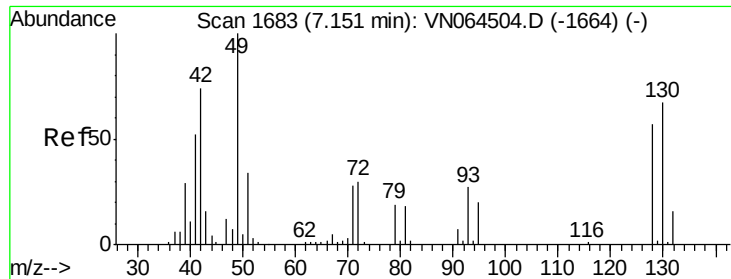
Instrument :
MSVOA_N
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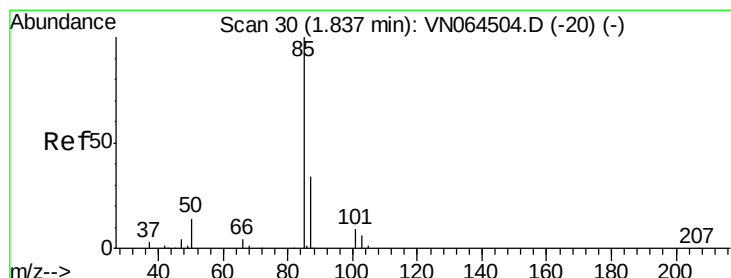
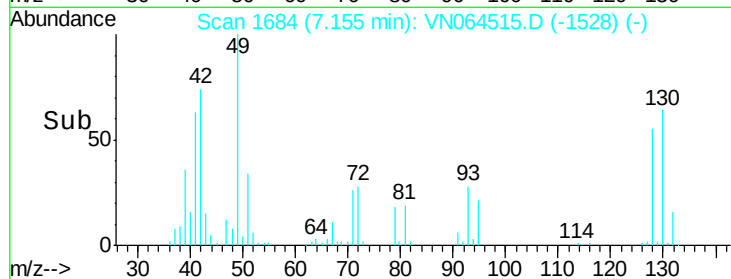
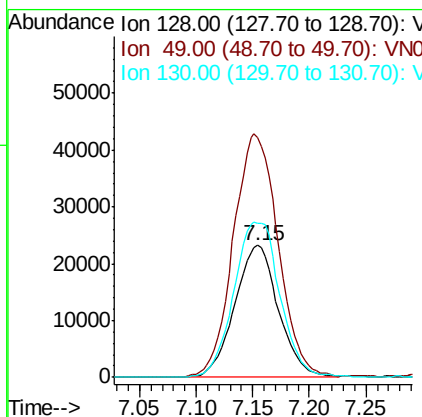
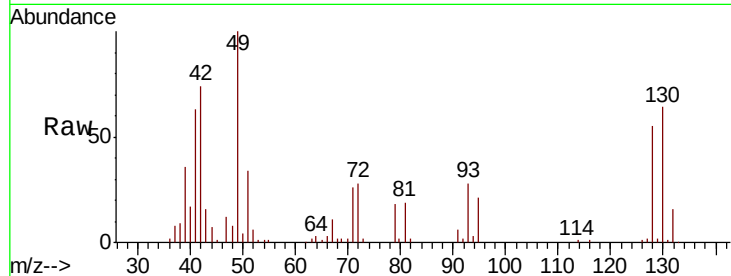
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
49	189.6	0.0	475.5
130	123.5	0.0	315.3

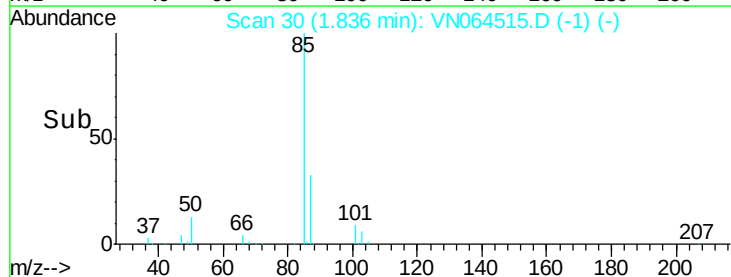
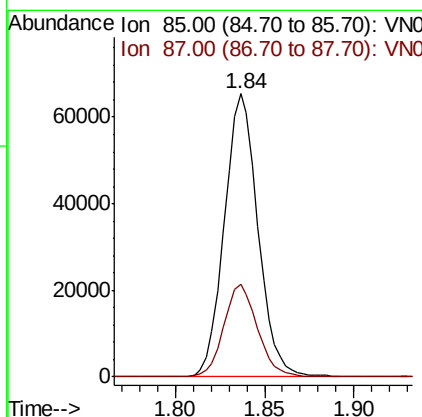
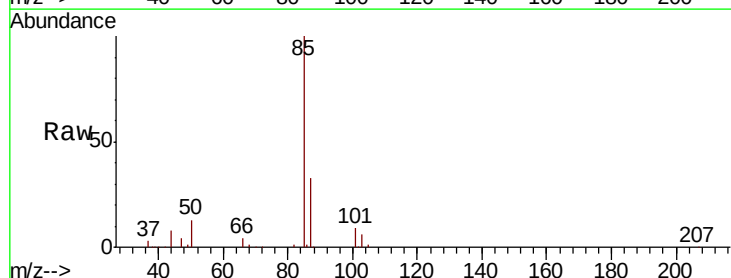
Manual Integrations
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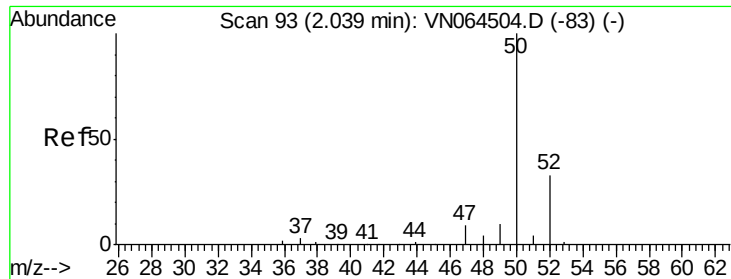
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#2
Dichlorodifluoromethane
Concen: 20.469 ug/l
RT: 1.84 min Scan# 30
Delta R.T. -0.00 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.5	17.0	50.9





#3

Chloromethane

Concen: 20.390 ug/l

RT: 2.04 min Scan# 94

Delta R.T. 0.00 min

Lab File: VN064515.D

Acq: 9 Nov 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 50 Resp: 97233

Ion Ratio Lower Upper

50 100

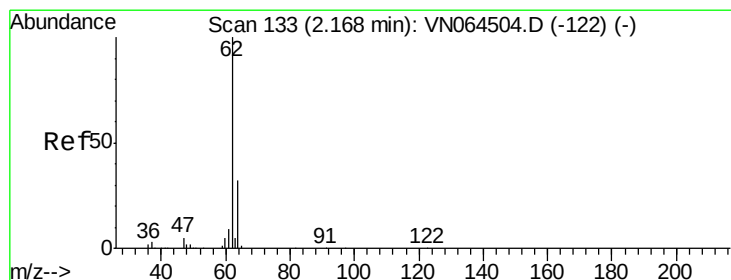
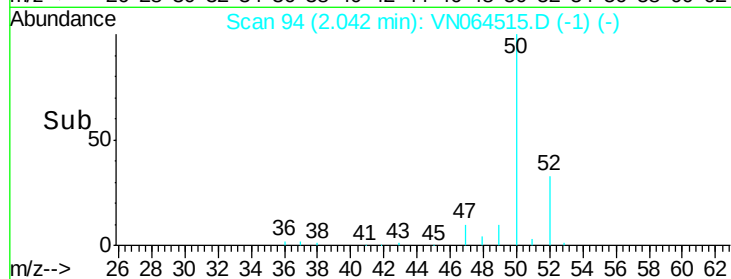
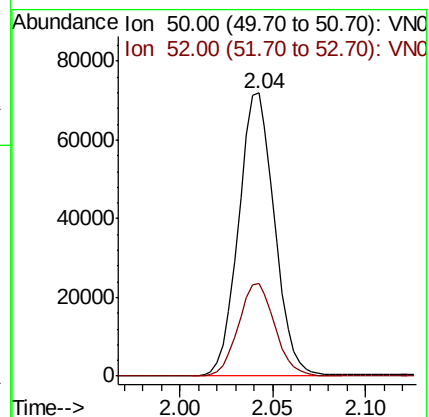
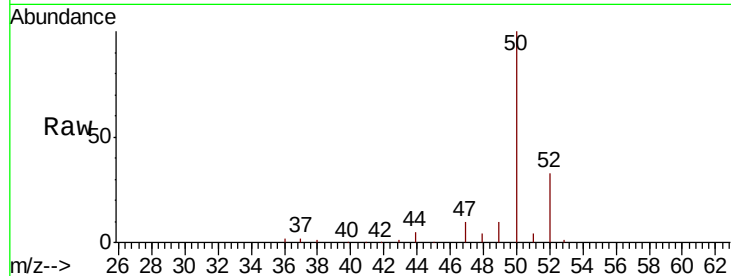
52 32.6 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.506 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064515.D

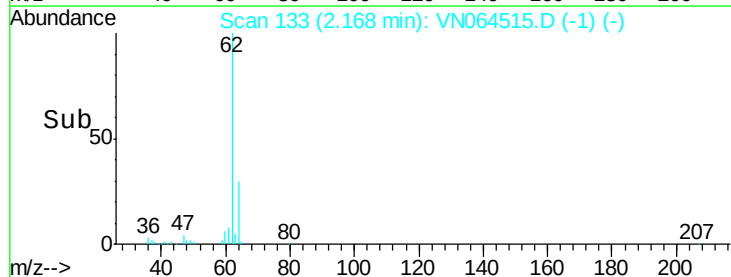
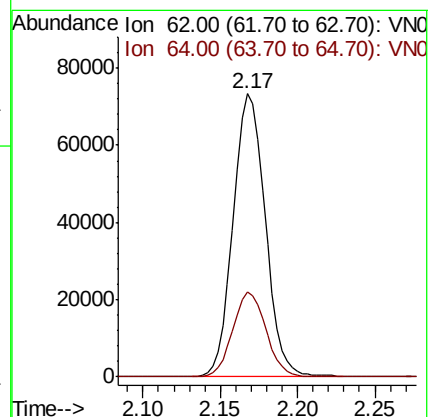
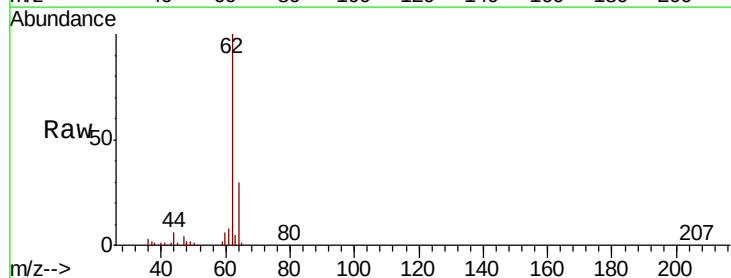
Acq: 9 Nov 2020 18:46

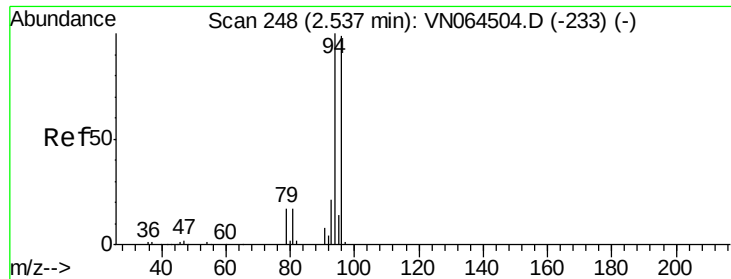
Tgt Ion: 62 Resp: 105950

Ion Ratio Lower Upper

62 100

64 29.9 25.8 38.8





#5

Bromomethane

Concen: 19.611 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN064515.D

Acq: 9 Nov 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 66317

Ion Ratio Lower Upper

94 100

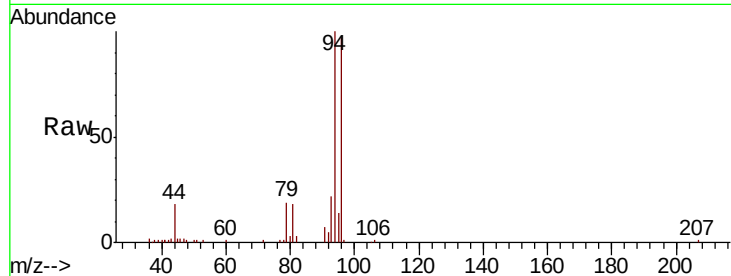
96 97.3 79.3 118.9

Manual Integrations

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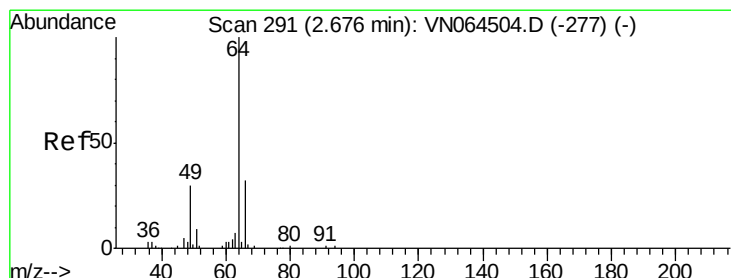
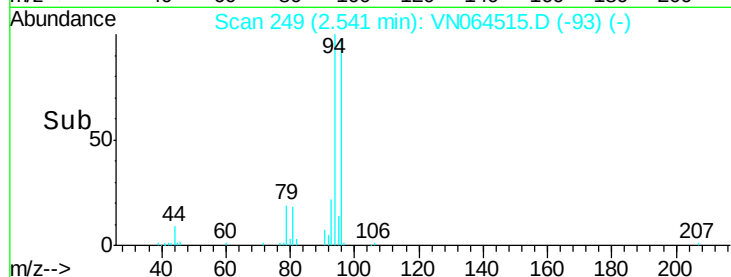
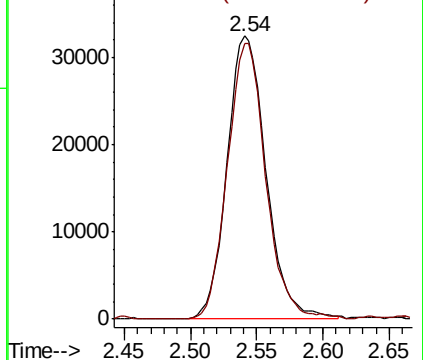
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Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 20.406 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN064515.D

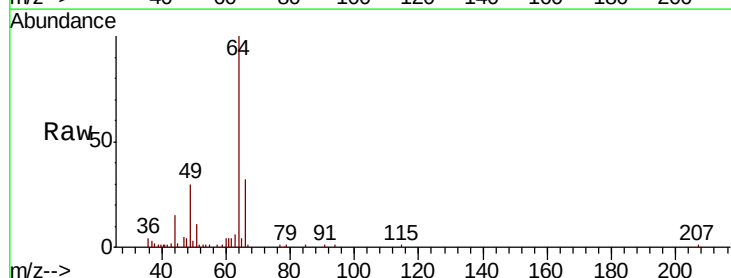
Acq: 9 Nov 2020 18:46

Tgt Ion: 64 Resp: 65840

Ion Ratio Lower Upper

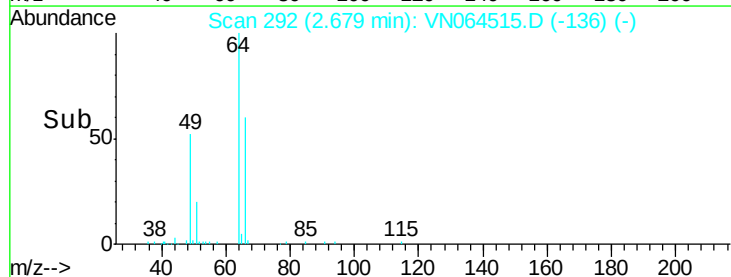
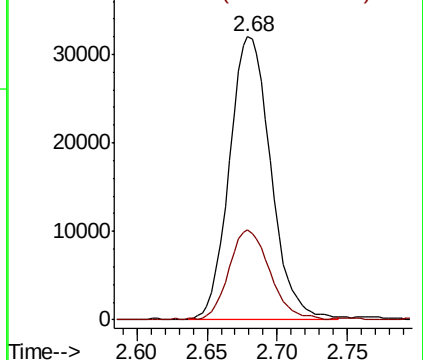
64 100

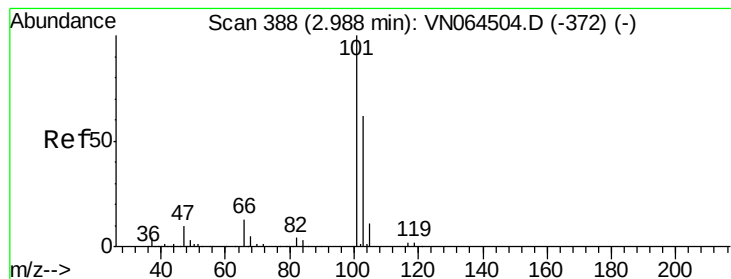
66 31.0 26.0 39.0



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0





#7

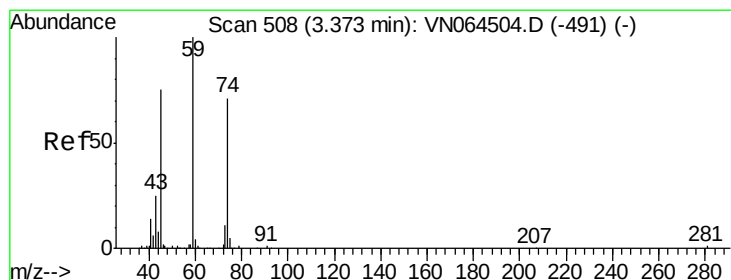
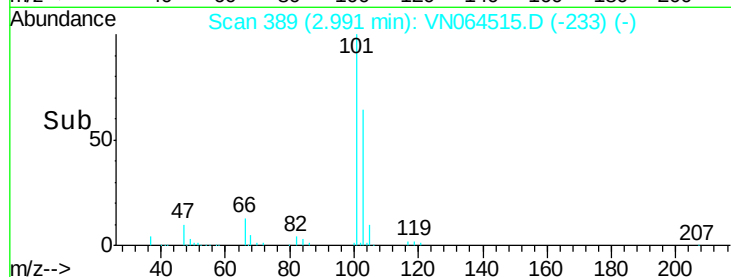
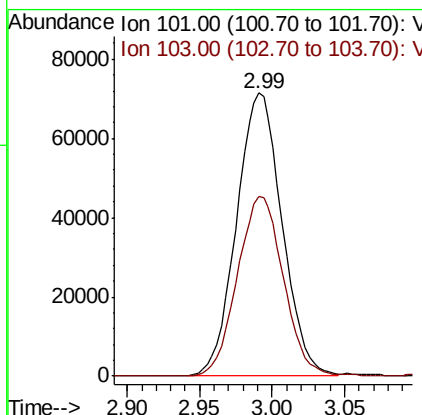
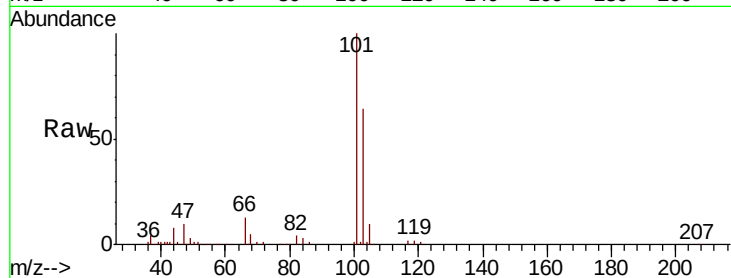
Trichlorofluoromethane
Concen: 20.817 ug/l
RT: 2.99 min Scan# 389
Delta R.T. 0.00 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Instrument :
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ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	49.3	73.9

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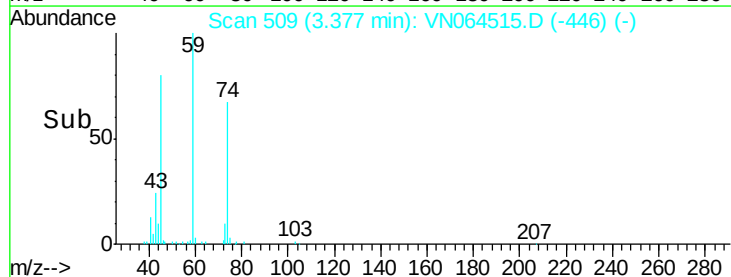
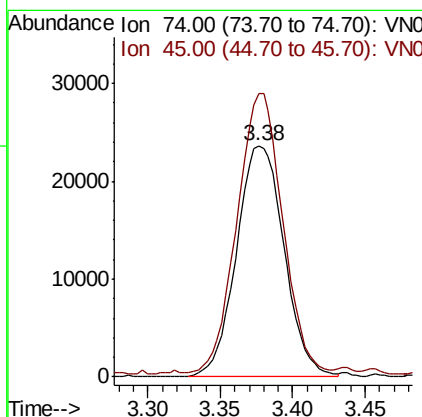
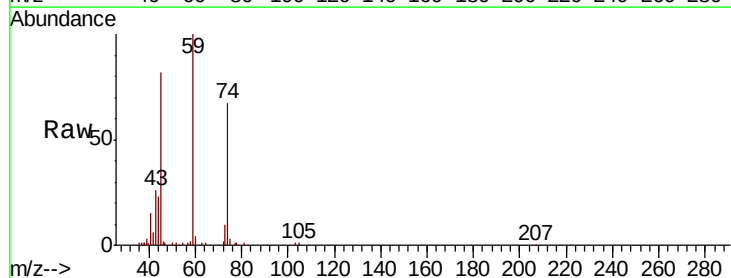
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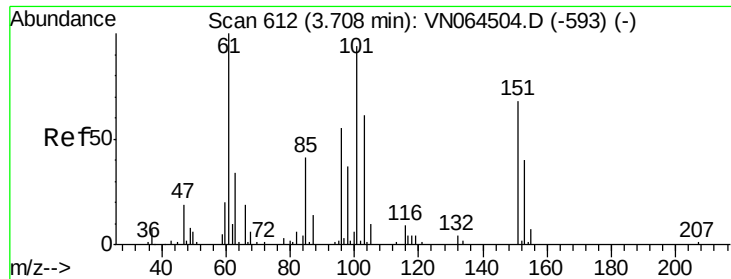


#8

Diethyl Ether
Concen: 20.237 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	117.4	22.1	198.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.810 ug/l

RT: 3.71 min Scan# 614

Delta R.T. 0.01 min

Lab File: VN064515.D

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Instrument :

MSVOA_N

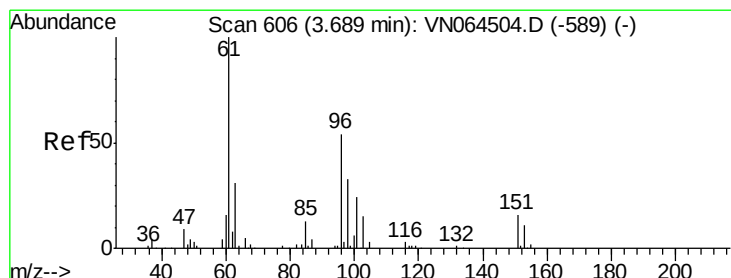
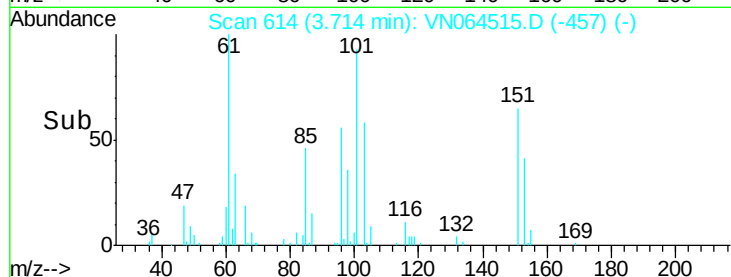
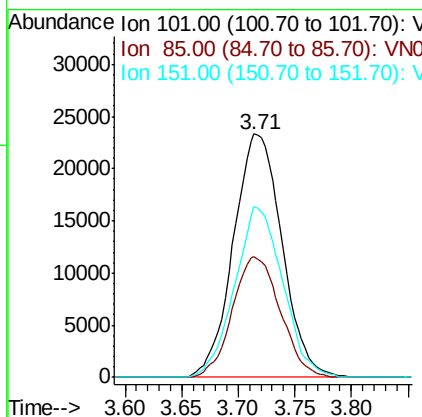
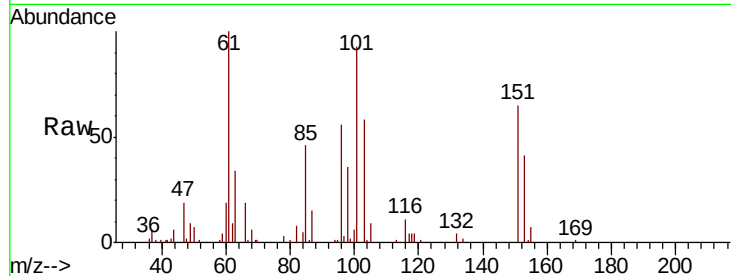
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	69758
Ion Ratio	Lower	Upper	
101	100		
85	48.7	0.0	49.0
151	69.2	0.0	80.2

Manual Integrations
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MMDadoda
11/10/2020 1:10:58 PM



#10

1,1-Dichloroethene

Concen: 19.767 ug/l

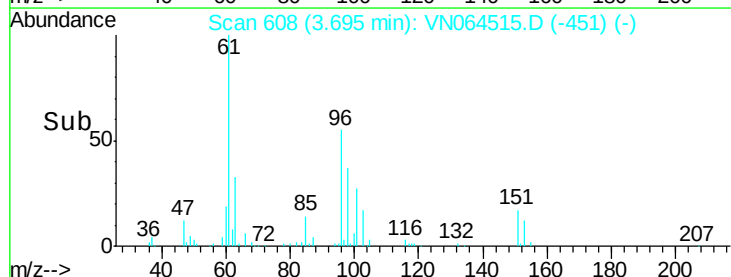
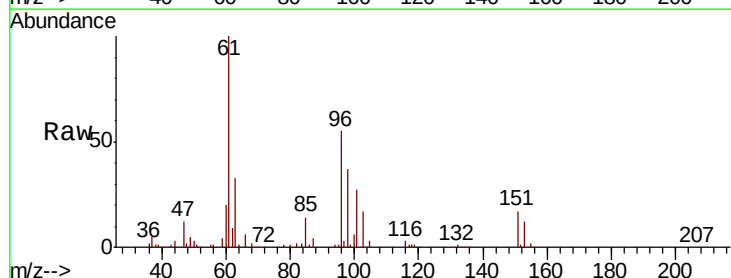
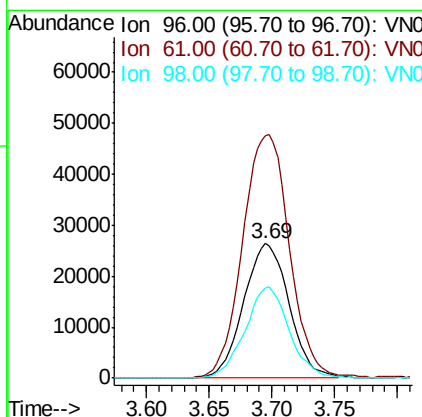
RT: 3.69 min Scan# 608

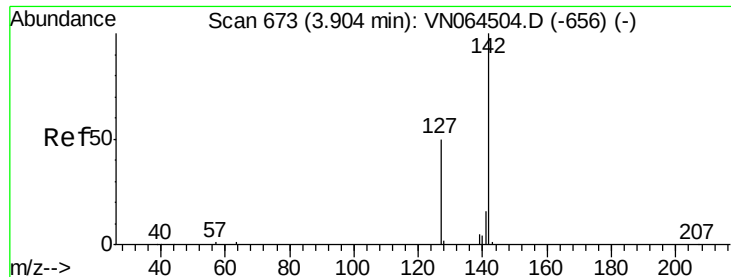
Delta R.T. 0.01 min

Lab File: VN064515.D

Acq: 9 Nov 2020 18:46

Tgt Ion:	96	Resp:	66586
Ion Ratio	Lower	Upper	
96	100		
61	180.9	149.2	223.8
98	67.1	49.6	74.4





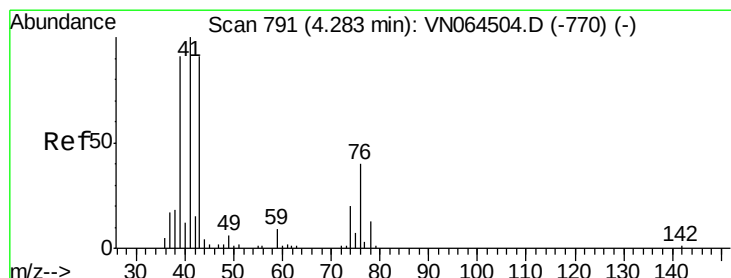
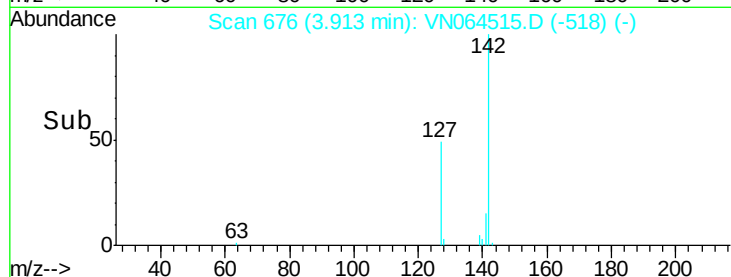
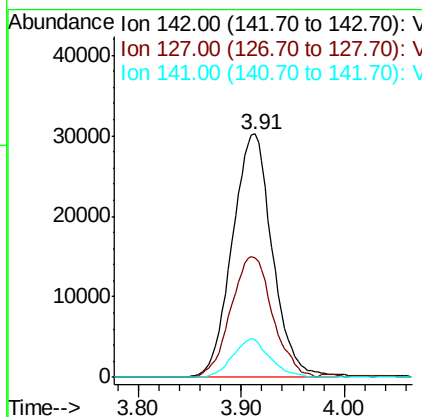
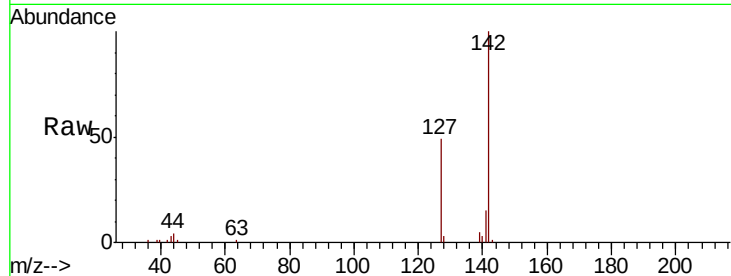
#11
Methyl Iodide
Concen: 19.690 ug/l
RT: 3.91 min Scan# 676
Delta R.T. 0.01 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	49.0	24.7	74.1
141	15.0	7.8	23.3

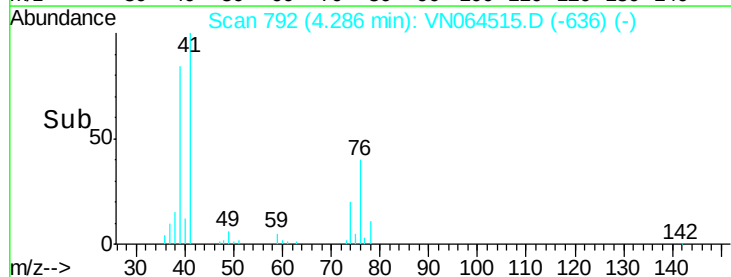
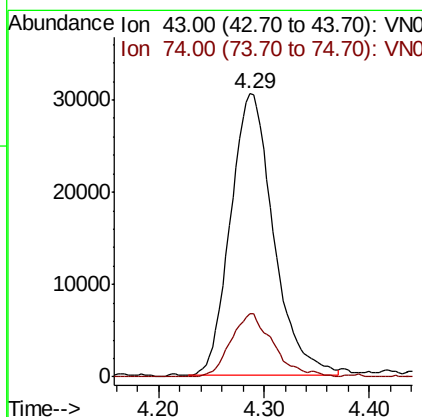
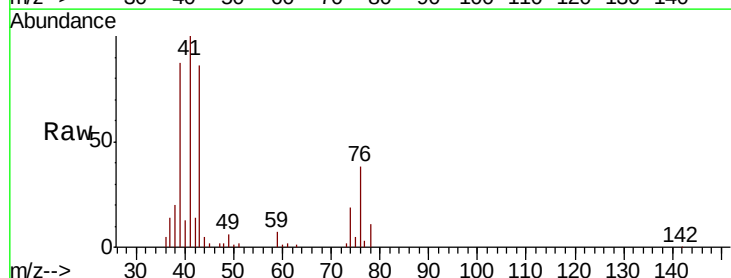
Manual Integrations
APPROVED

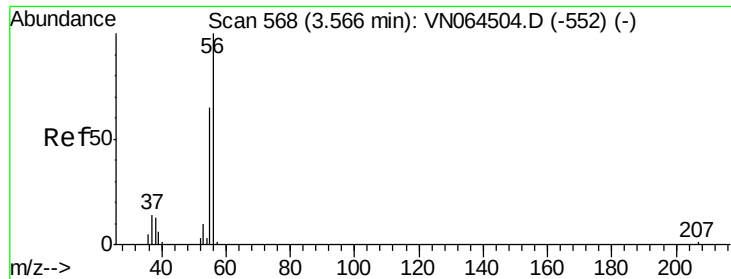
MMDadoda
11/10/2020 1:10:58 PM



#12
Methyl Acetate
Concen: 20.949 ug/l
RT: 4.29 min Scan# 792
Delta R.T. 0.00 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.7	26.5





#13

Acrolein

Concen: 129.734 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064515.D

Acq: 9 Nov 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 53882

Ion Ratio Lower Upper

56 100

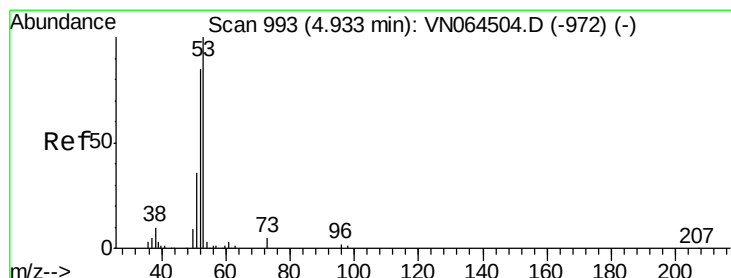
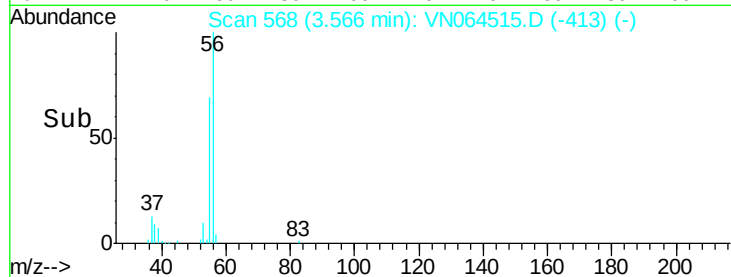
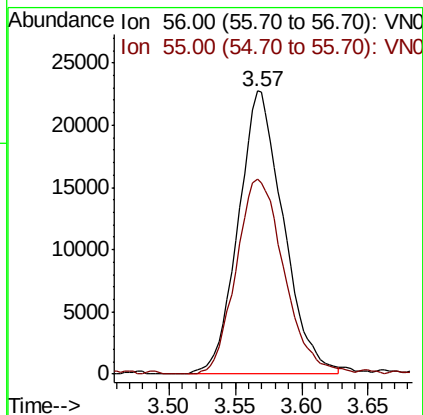
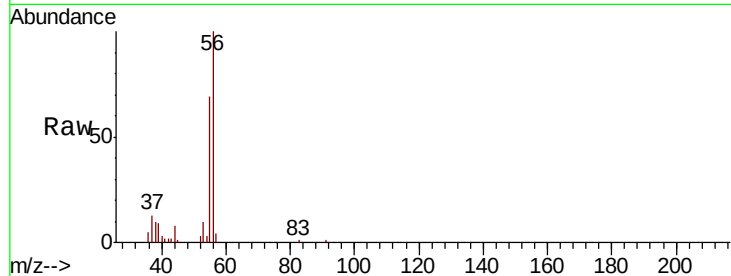
55 73.4 58.2 87.2

Manual Integrations

APPROVED

MMDadoda

11/10/2020 1:10:58 PM



#14

Acrylonitrile

Concen: 94.559 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064515.D

Acq: 9 Nov 2020 18:46

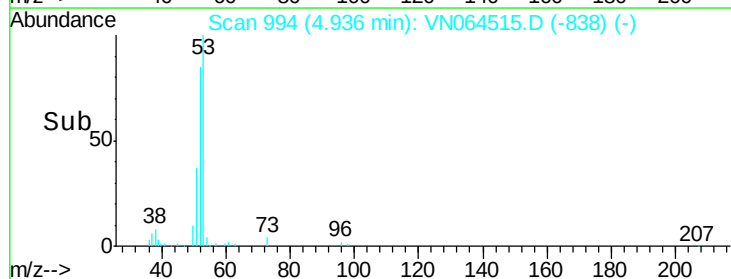
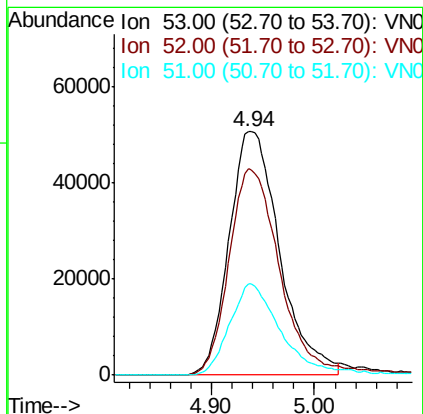
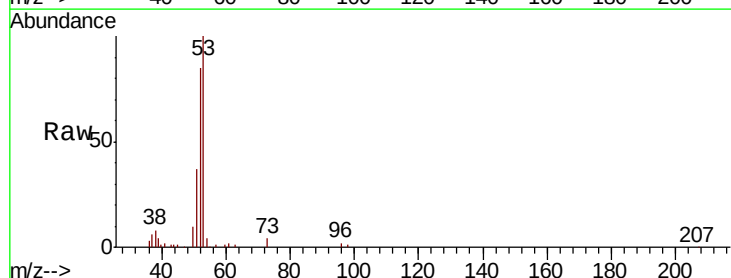
Tgt Ion: 53 Resp: 172721

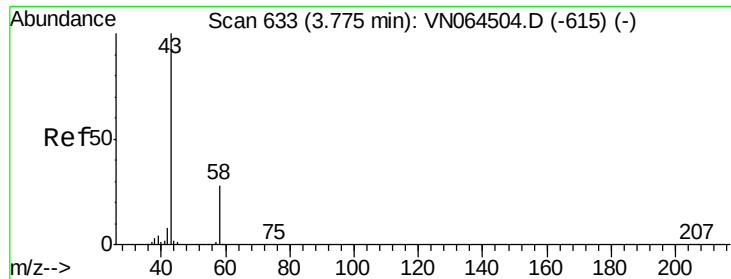
Ion Ratio Lower Upper

53 100

52 84.3 41.3 124.1

51 37.3 18.9 56.5





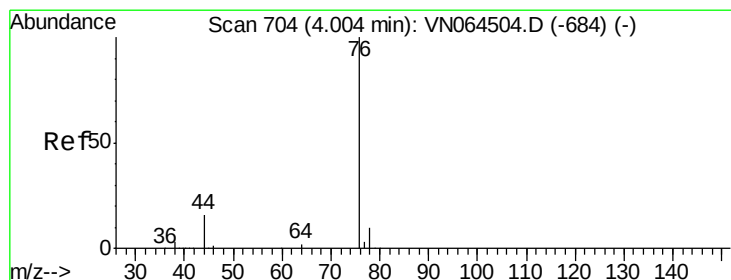
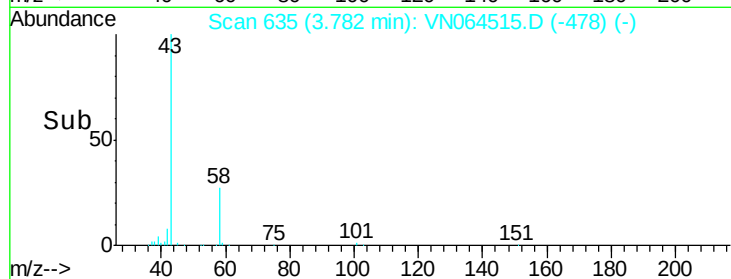
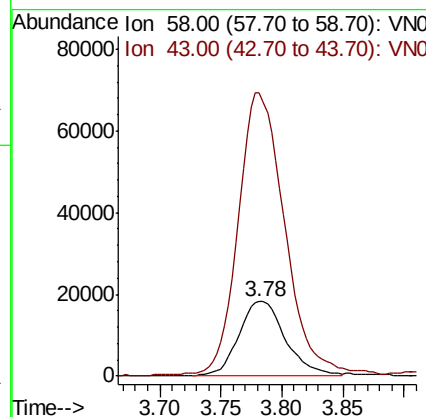
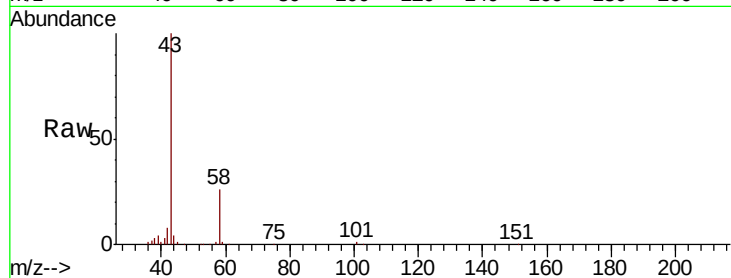
#15
Acetone
Concen: 80.885 ug/l
RT: 3.78 min Scan# 635
Delta R.T. 0.01 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	58	Resp	48759
Ion Ratio	Lower	Upper	
58	100		
43	376.0	289.8	434.8

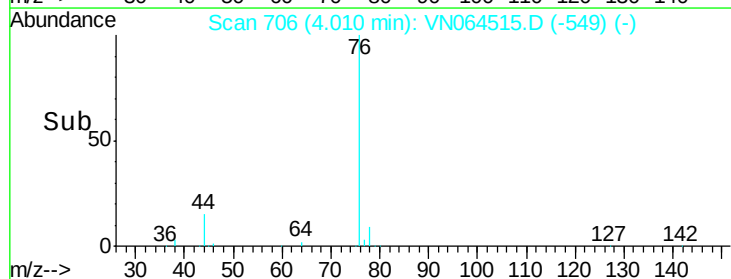
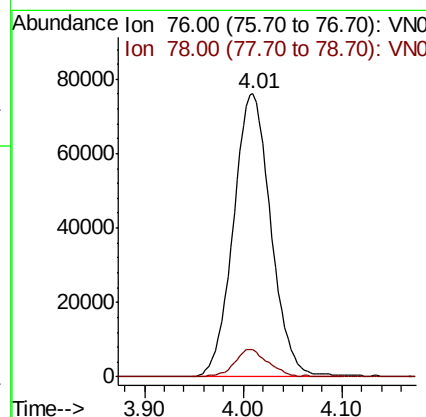
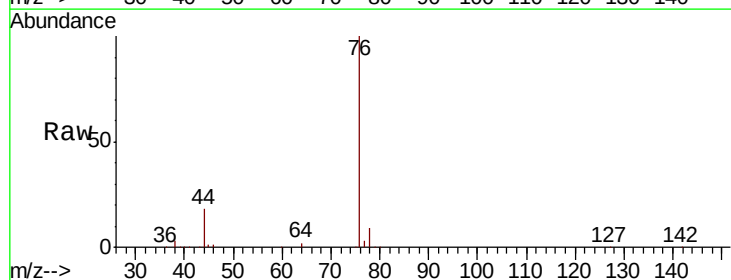
Manual Integrations
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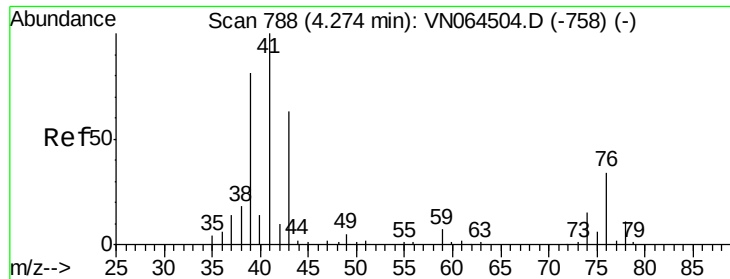
MMDadoda
11/10/2020 1:10:58 PM



#16
Carbon Disulfide
Concen: 19.688 ug/l
RT: 4.01 min Scan# 706
Delta R.T. 0.01 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Tgt Ion	76	Resp	201262
Ion Ratio	Lower	Upper	
76	100		
78	9.5	7.6	11.4





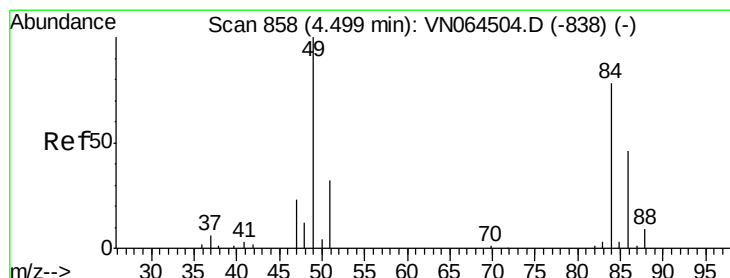
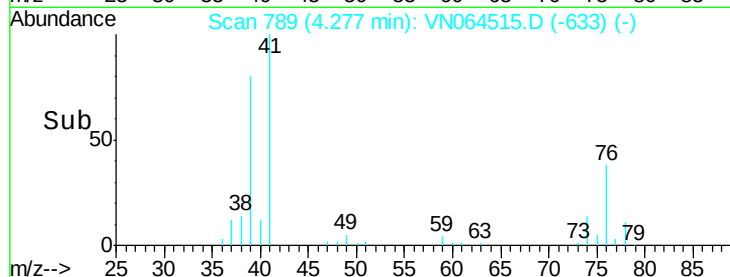
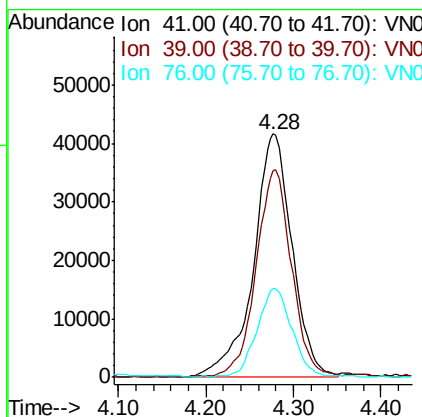
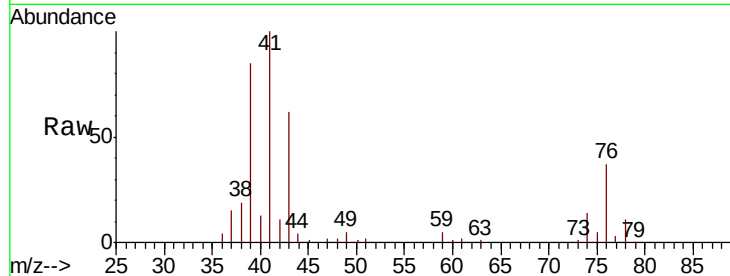
#17
Allvl chloride
Concen: 20.177 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	85.0	40.3	120.8
76	36.2	16.8	50.3

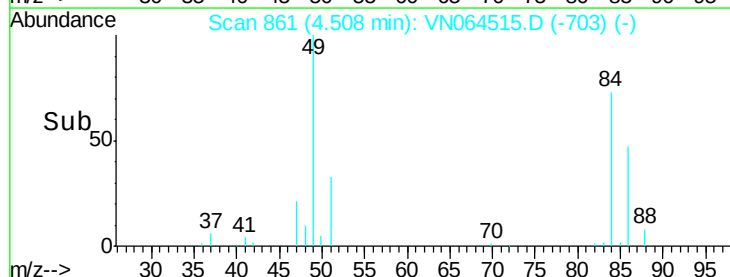
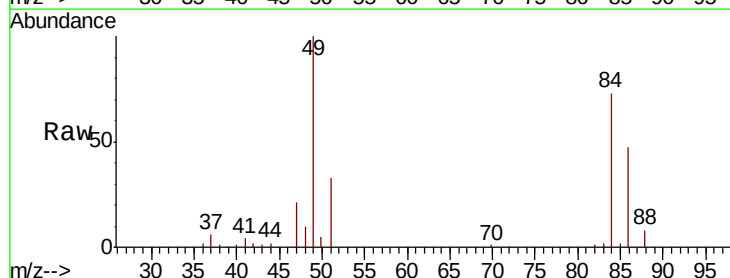
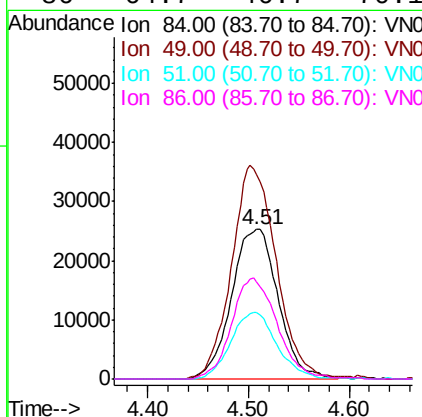
Manual Integrations
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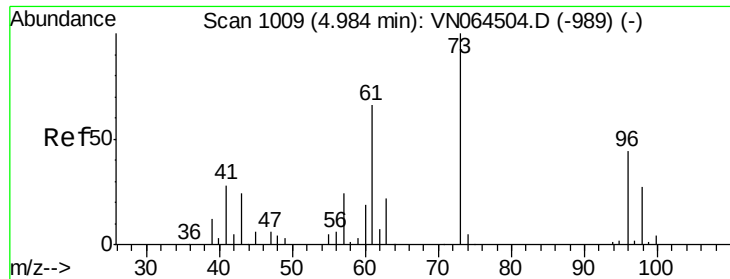
MMDadoda
11/10/2020 1:10:58 PM



#18
Methylene Chloride
Concen: 20.338 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	135.8	102.1	153.1
51	44.8	32.6	48.8
86	64.7	46.7	70.1





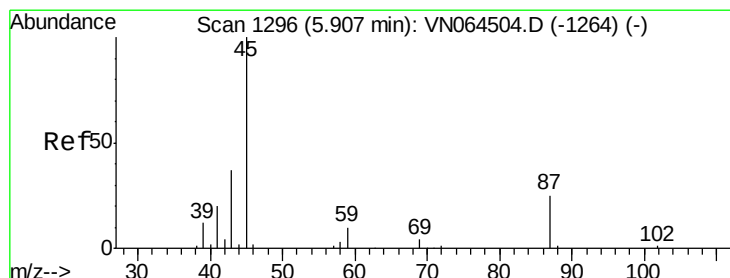
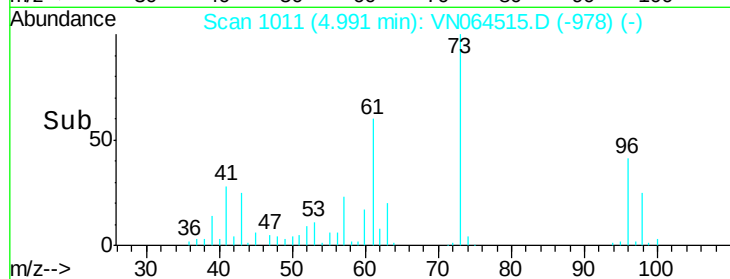
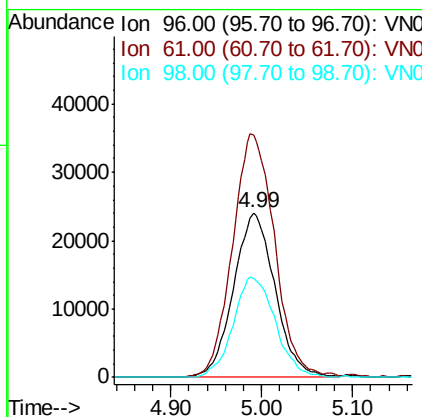
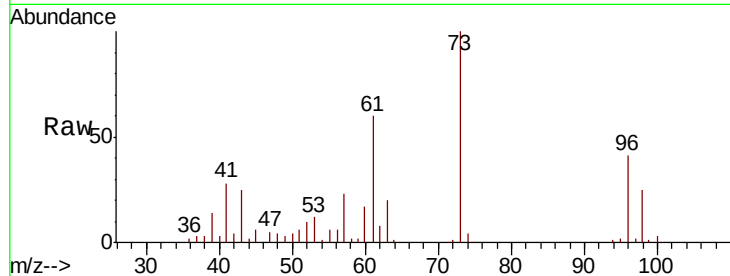
#19
trans-1,2-Dichloroethene
Concen: 19.951 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.01 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.5	120.1	180.1
98	60.0	49.1	73.7

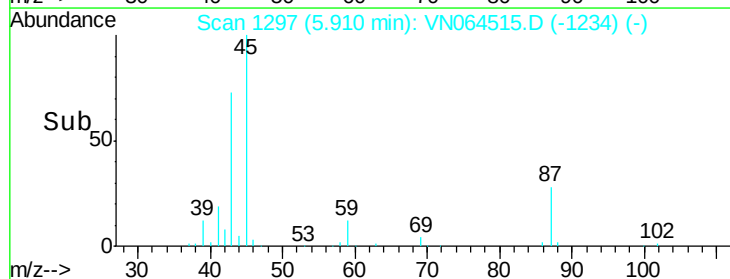
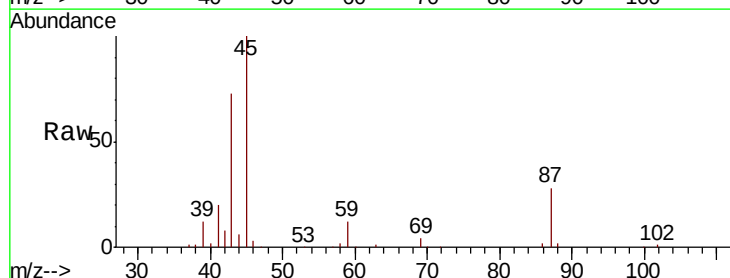
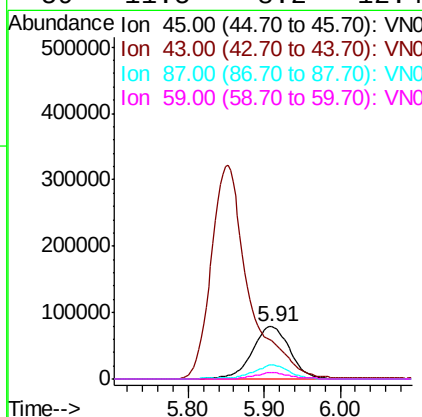
Manual Integrations
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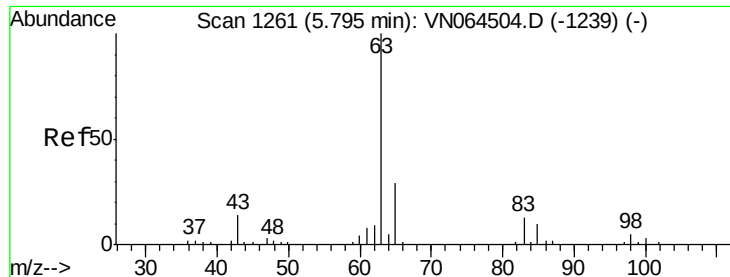
MMDadoda
11/10/2020 1:10:58 PM



#20
Diisopropyl ether
Concen: 19.724 ug/l
RT: 5.91 min Scan# 1297
Delta R.T. 0.00 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Tgt Ion	Ratio	Lower	Upper
45	100		
43	70.5	53.1	79.7
87	27.3	21.0	31.6
59	11.5	8.2	12.4





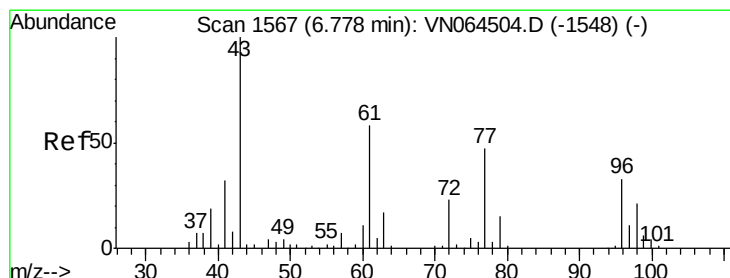
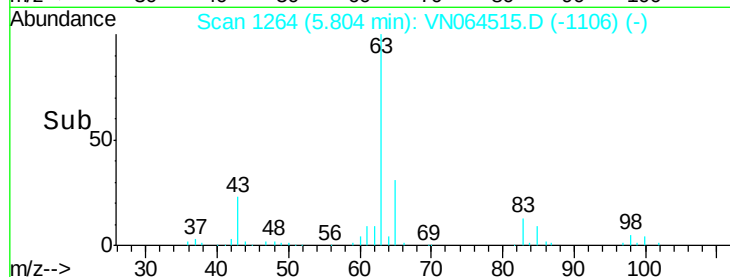
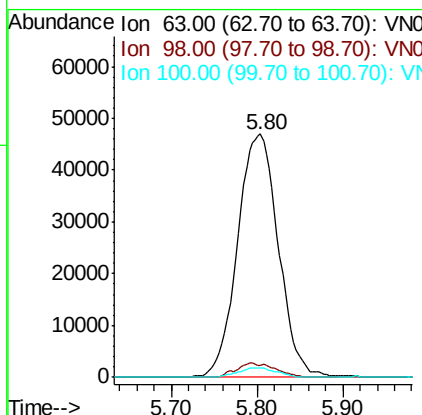
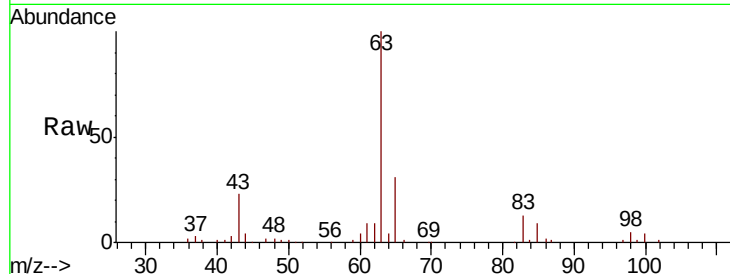
#21
 1,1-Dichloroethane
 Concen: 20.410 ug/l
 RT: 5.80 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: VN064515.D
 Acq: 9 Nov 2020 18:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
98	5.1	2.6	8.0
100	3.9	1.7	5.1

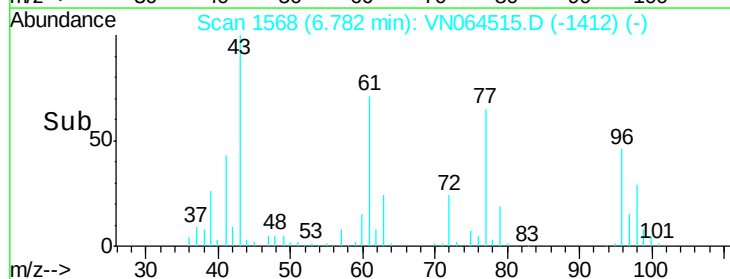
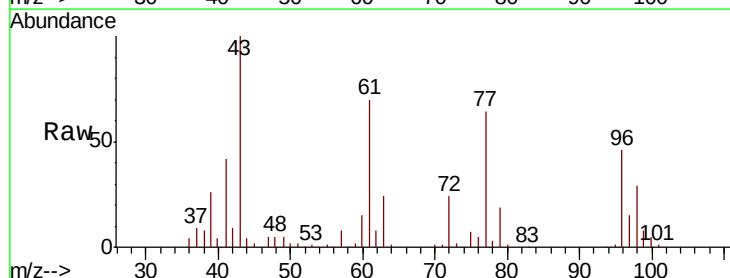
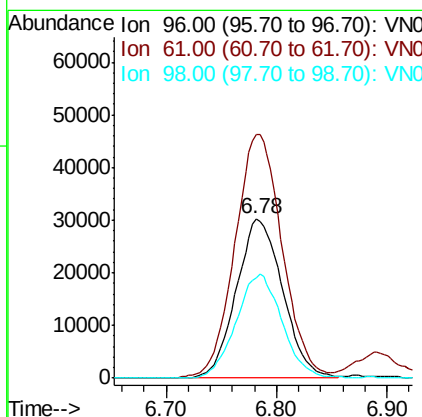
Manual Integrations
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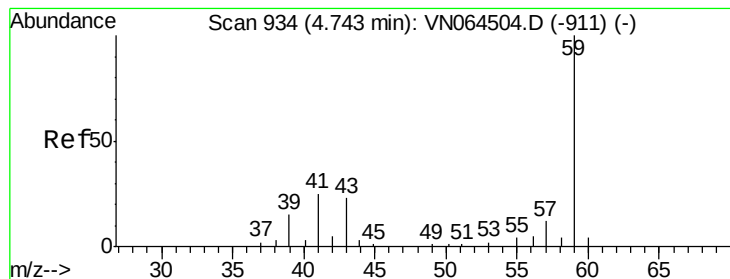
MMDadoda
 11/10/2020 1:10:58 PM



#22
 cis-1,2-Dichloroethene
 Concen: 20.369 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN064515.D
 Acq: 9 Nov 2020 18:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.3	136.1	204.1
98	64.4	51.8	77.8





#23

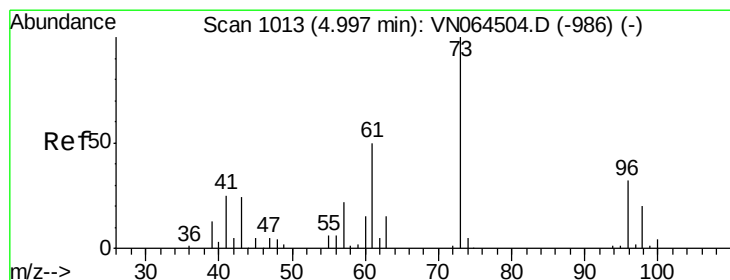
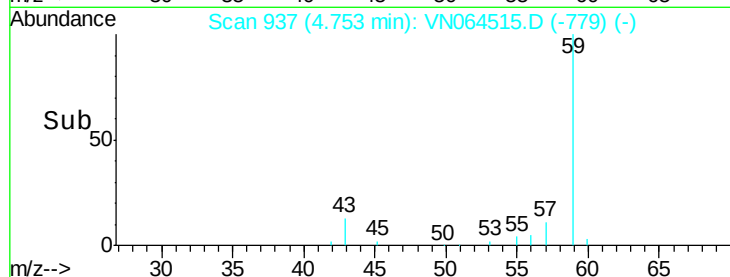
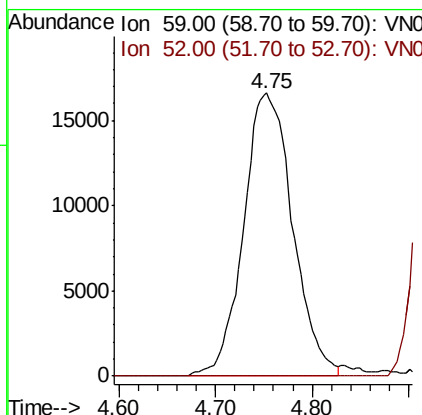
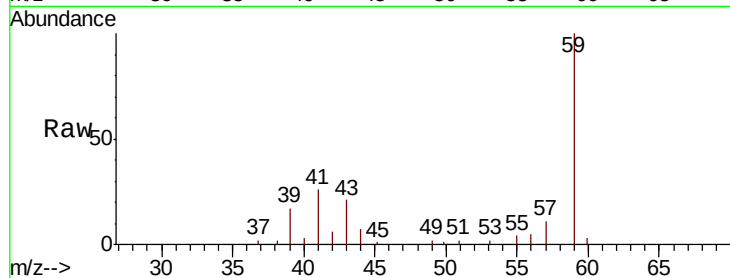
tert-Butyl Alcohol
 Concen: 93.710 ug/l
 RT: 4.75 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VN064515.D
 Acq: 9 Nov 2020 18:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	59	52	Ratio	100	0.0	Resp:	58611	Lower	Upper
59	100								
52		0.0			0.0				0.0

Manual Integrations
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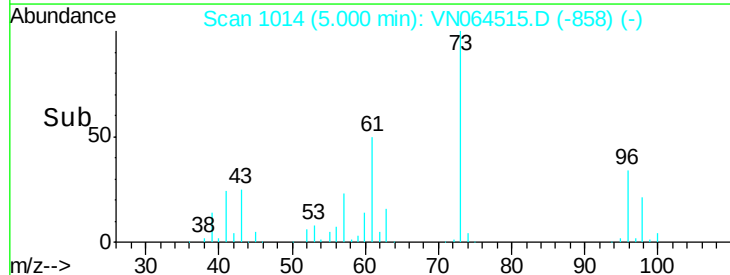
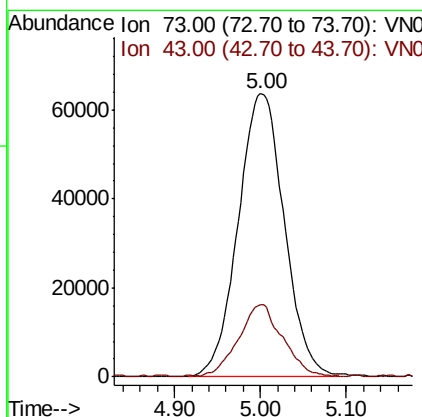
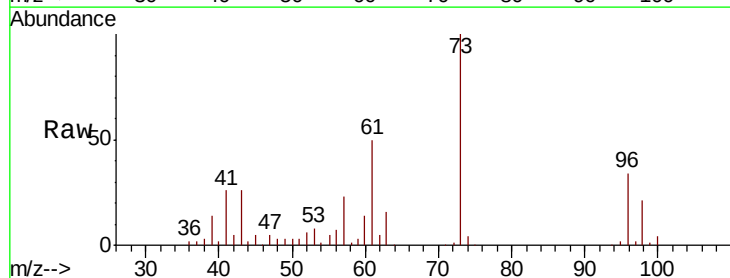
MMDadoda
 11/10/2020 1:10:58 PM

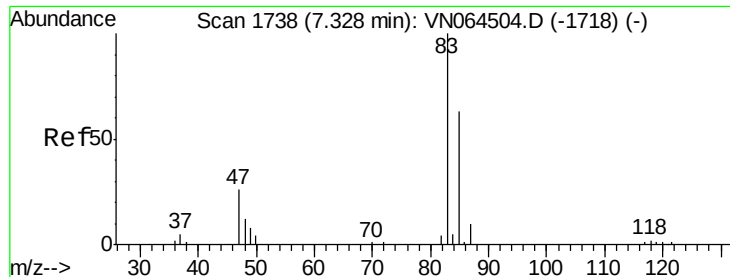


#24

Methyl tert-Butyl Ether
 Concen: 19.958 ug/l
 RT: 5.00 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VN064515.D
 Acq: 9 Nov 2020 18:46

Tgt Ion	73	43	Ratio	100	23.8	Resp:	237789	Lower	Upper
73	100								
43		23.8			10.2				15.2#





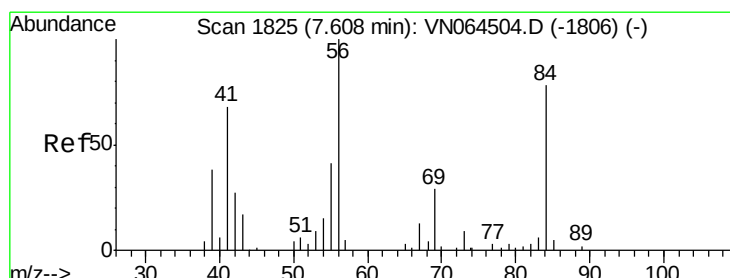
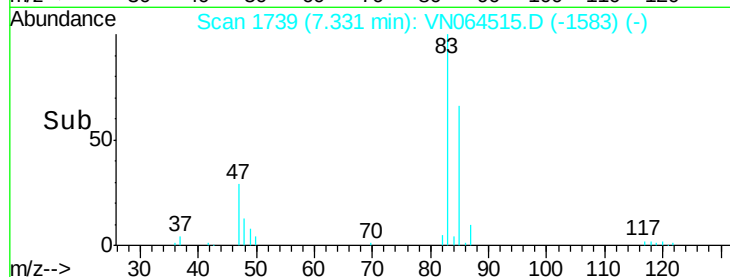
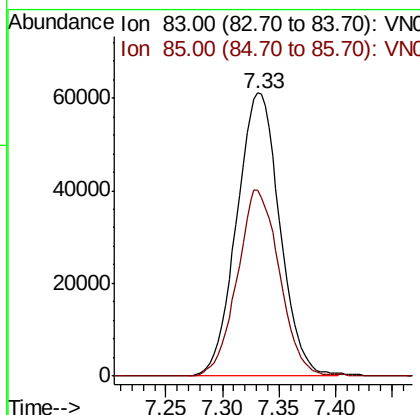
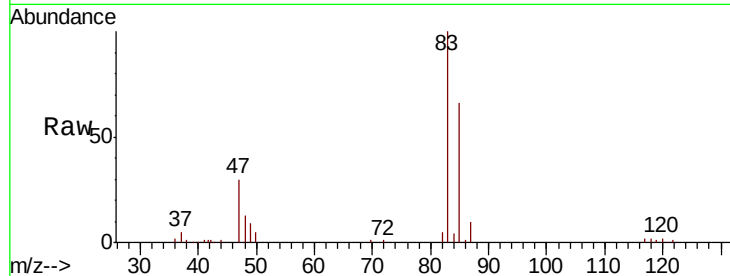
#25
Chloroform
Concen: 20.321 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion: 83 Resp: 161822
Ion Ratio Lower Upper
83 100
85 65.3 50.6 75.8

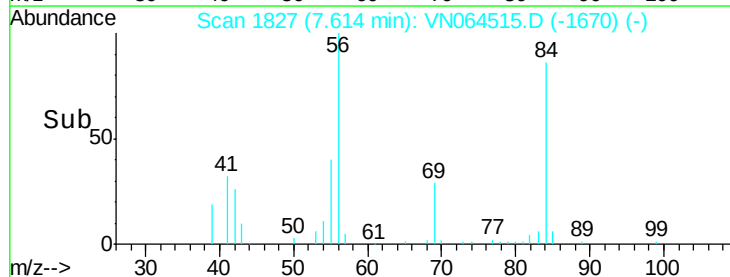
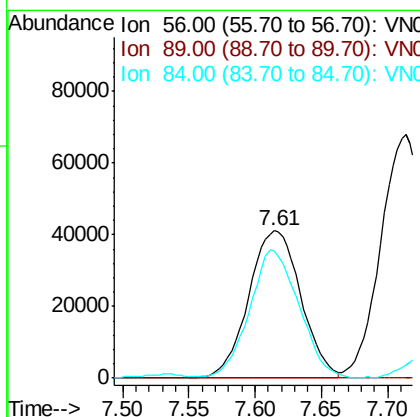
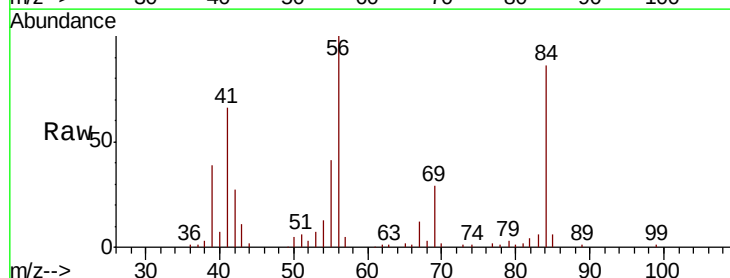
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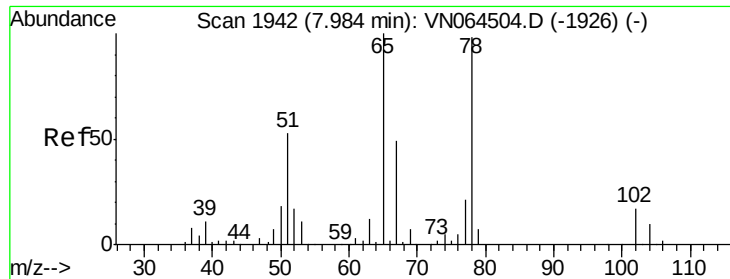
MMDadoda
11/10/2020 1:10:58 PM



#26
Cyclohexane
Concen: 19.239 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Tgt Ion: 56 Resp: 112564
Ion Ratio Lower Upper
56 100
89 0.2 0.6 0.8#
84 82.2 66.1 99.1





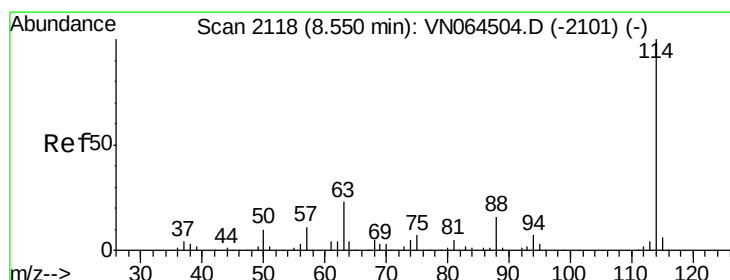
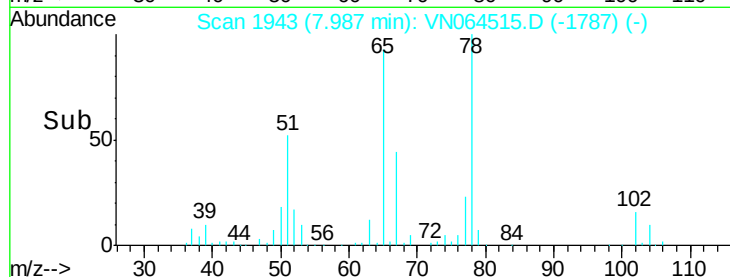
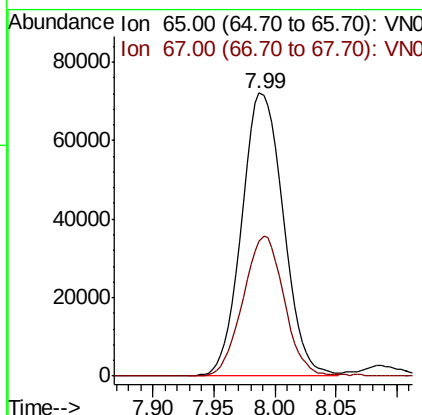
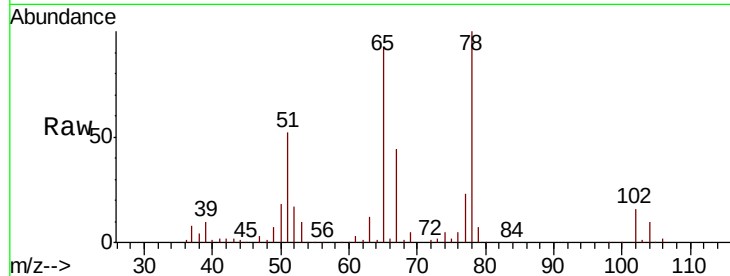
#27
 1,2-Dichloroethane-d4
 Concen: 30.942 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064515.D
 Acq: 9 Nov 2020 18:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 65 Resp: 170923
 Ion Ratio Lower Upper
 65 100
 67 48.5 41.1 61.7

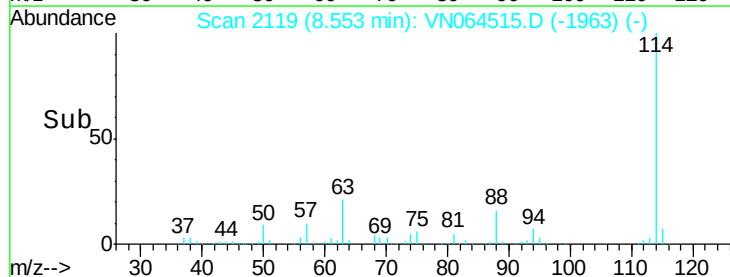
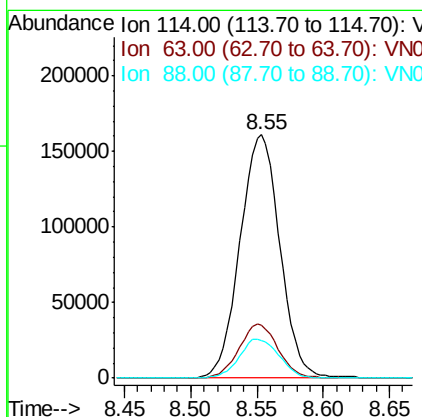
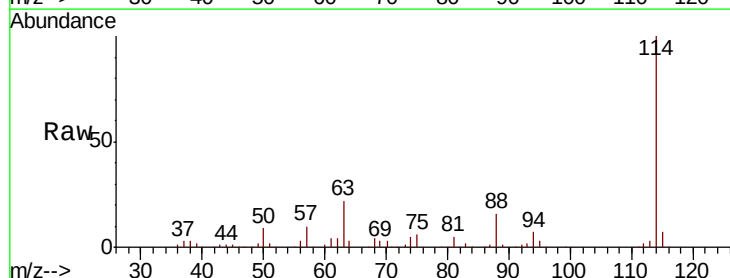
Manual Integrations
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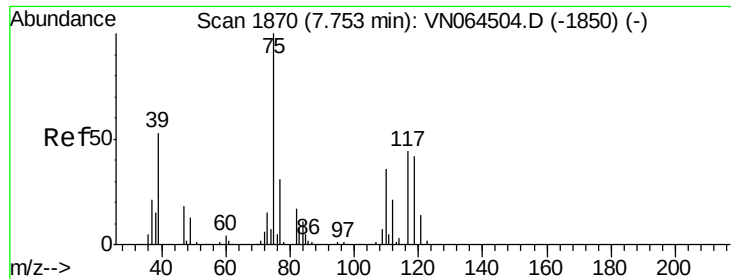
MMDadoda
 11/10/2020 1:10:58 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN064515.D
 Acq: 9 Nov 2020 18:46

Tgt Ion: 114 Resp: 335815
 Ion Ratio Lower Upper
 114 100
 63 21.8 18.5 27.7
 88 16.1 13.0 19.6





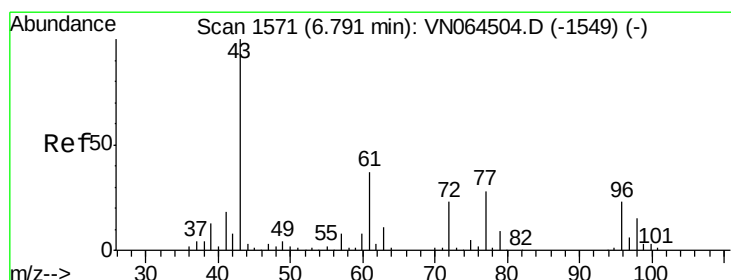
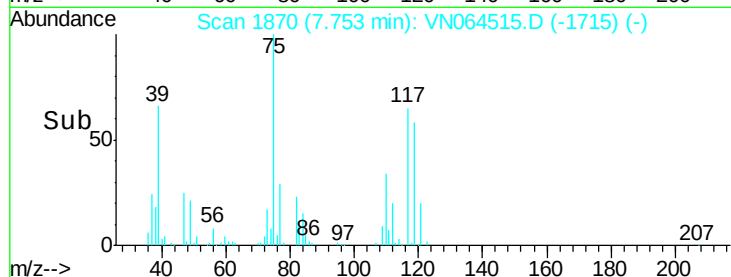
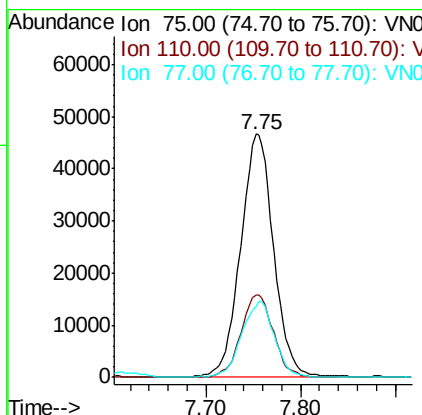
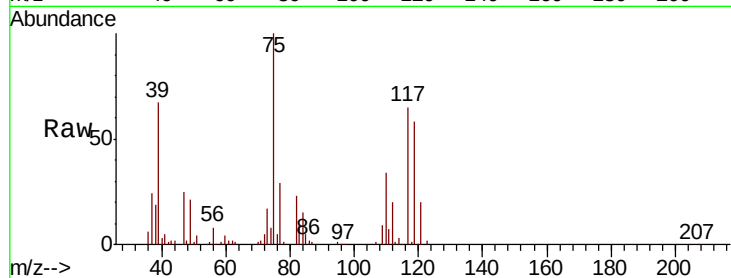
#29
 1,1-Dichloropropene
 Concen: 19.389 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064515.D
 Acq: 9 Nov 2020 18:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
110	33.3	0.0	66.4
77	30.9	0.0	62.0

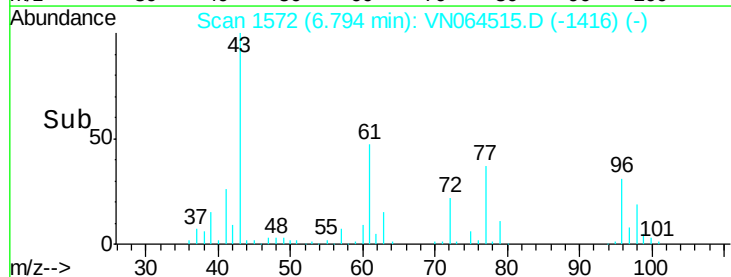
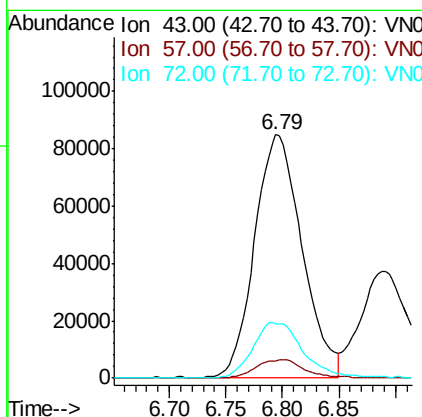
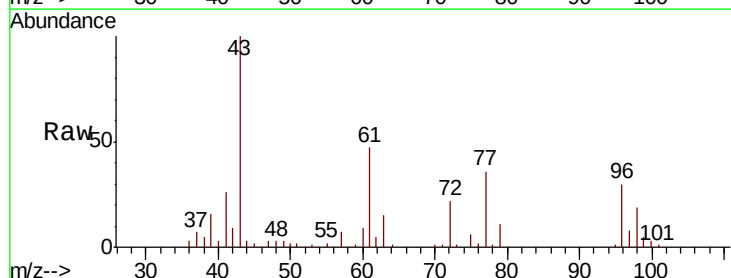
Manual Integrations
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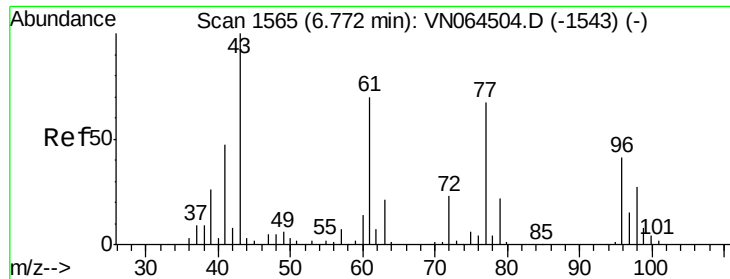
MMDadoda
 11/10/2020 1:10:58 PM



#30
 2-Butanone
 Concen: 85.294 ug/l
 RT: 6.79 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN064515.D
 Acq: 9 Nov 2020 18:46

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.7	6.2	9.4
72	13.2	9.9	14.9





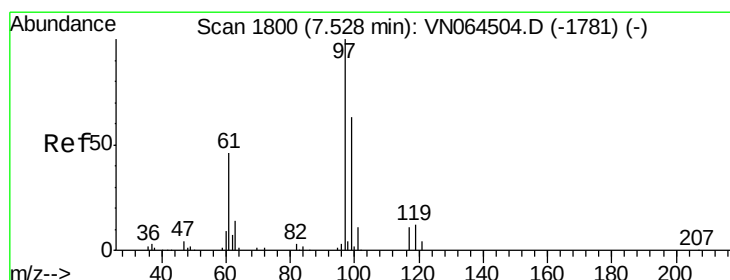
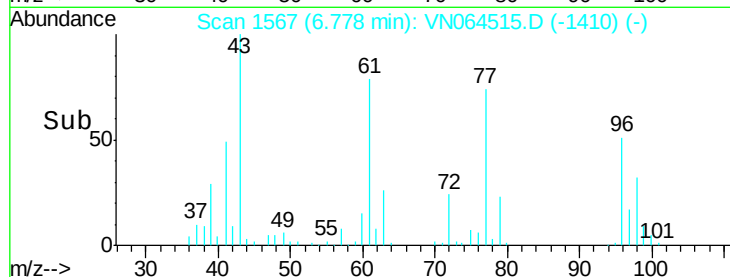
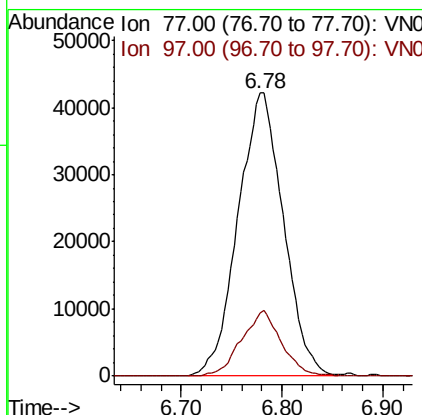
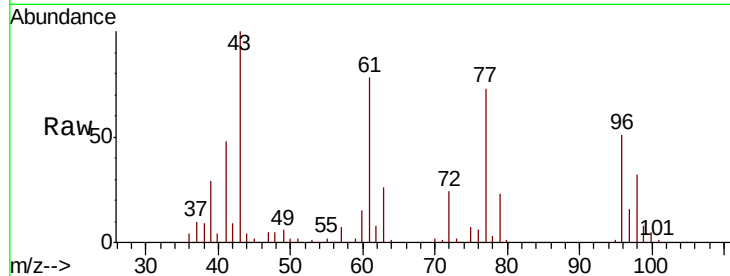
#31
 2,2-Dichloropropane
 Concen: 19.015 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. 0.01 min
 Lab File: VN064515.D
 Acq: 9 Nov 2020 18:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 77 Resp: 131628
 Ion Ratio Lower Upper
 77 100
 97 20.3 16.9 25.3

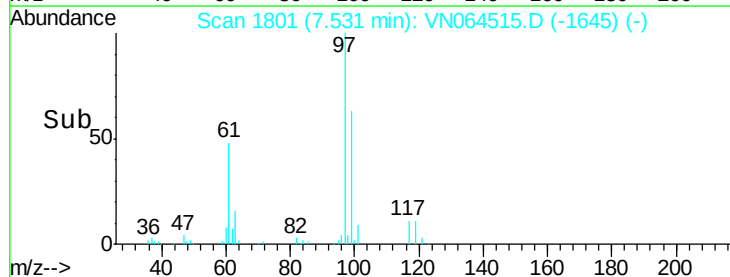
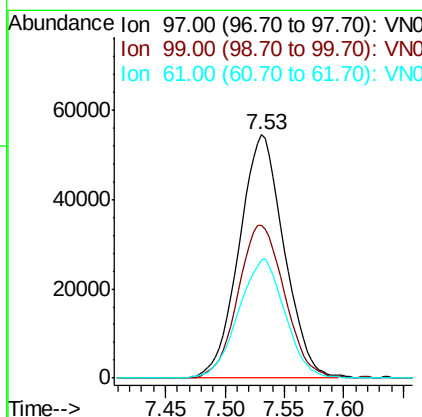
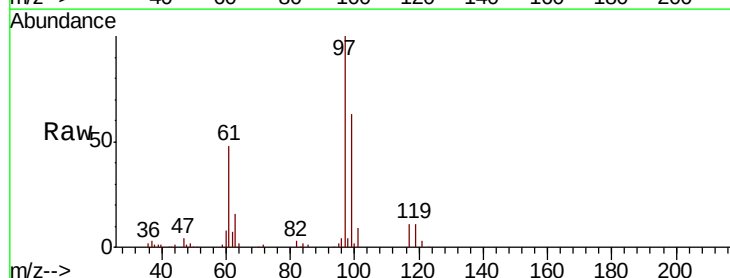
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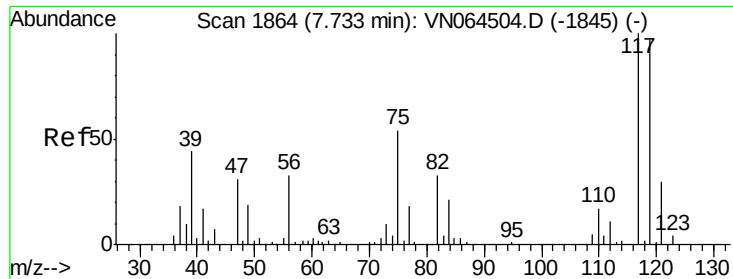
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 11/10/2020 1:10:58 PM



#32
 1,1,1-Trichloroethane
 Concen: 19.979 ug/l
 RT: 7.53 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN064515.D
 Acq: 9 Nov 2020 18:46

Tgt Ion: 97 Resp: 142814
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.8 77.8
 61 50.3 39.4 59.0





#33

Carbon Tetrachloride

Concen: 20.008 ug/l

RT: 7.74 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VN064515.D

Acq: 9 Nov 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 117 Resp: 127725

Ion Ratio Lower Upper

117 100

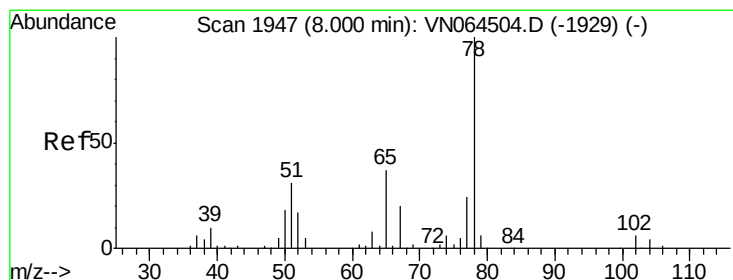
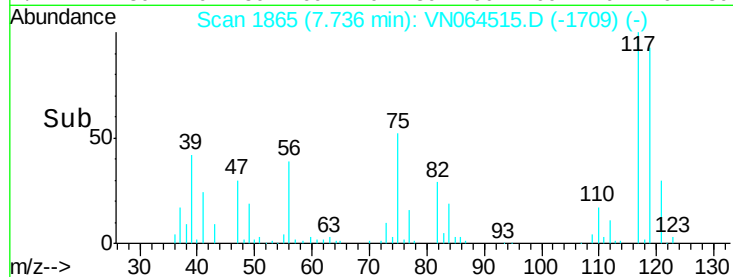
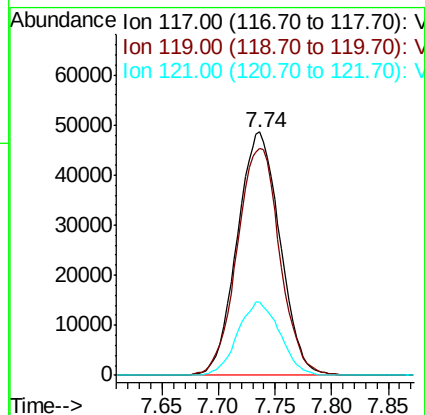
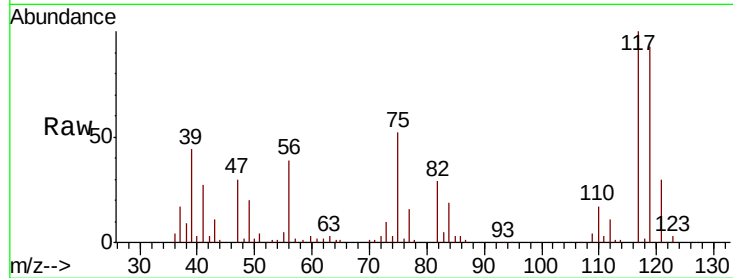
119 93.2 77.9 116.9

121 30.4 24.0 36.0

Manual Integrations
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#34

Benzene

Concen: 19.847 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN064515.D

Acq: 9 Nov 2020 18:46

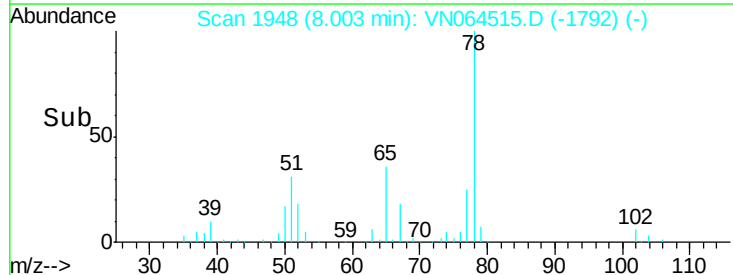
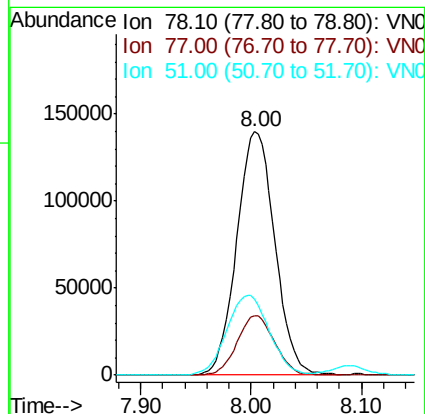
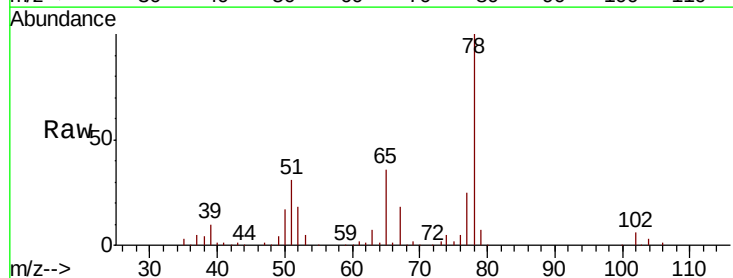
Tgt Ion: 78 Resp: 334894

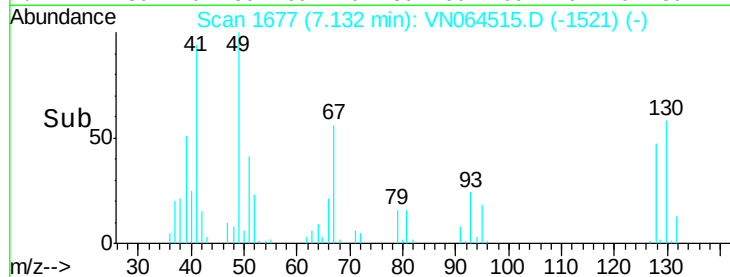
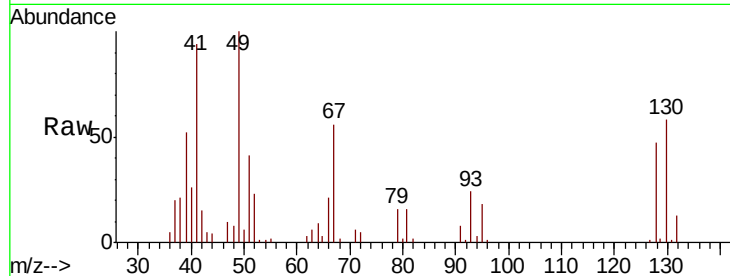
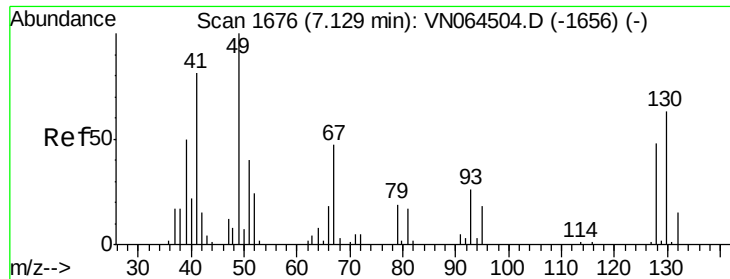
Ion Ratio Lower Upper

78 100

77 24.6 18.9 28.3

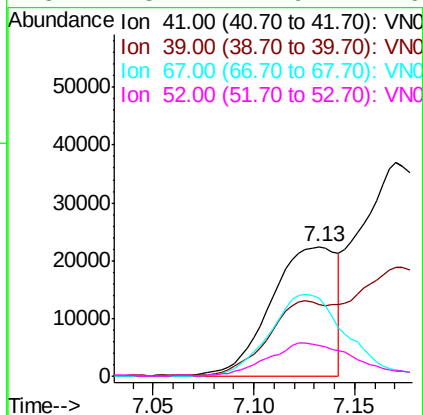
51 30.7 24.6 36.8





#35
Methacrylonitrile
Concen: 18.843 ug/l
RT: 7.13 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

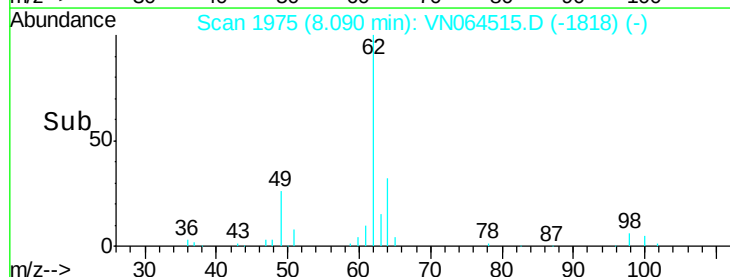
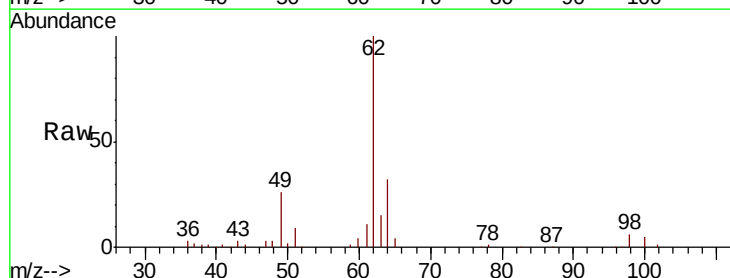
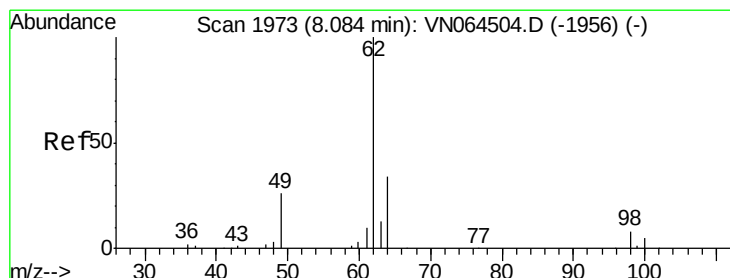
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.7	30.0	90.1	
67	59.8	29.2	87.6	
52	23.2	14.9	44.9	



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

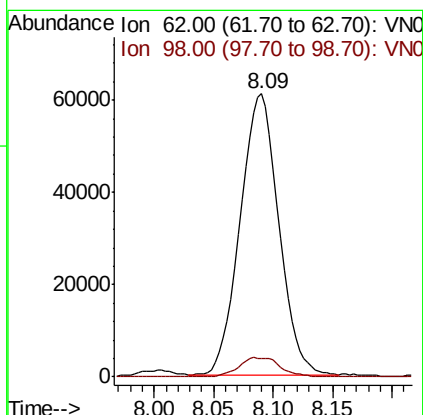
Manual Integrations
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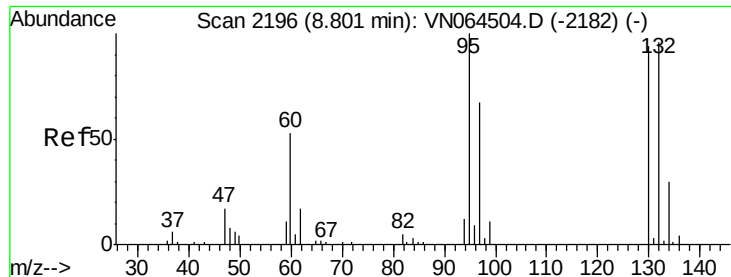
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#36
1,2-Dichloroethane
Concen: 19.836 ug/l
RT: 8.09 min Scan# 1975
Delta R.T. 0.01 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	4.2	5.5	8.3#	





#37

Trichloroethene

Concen: 19.825 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN064515.D

Acq: 9 Nov 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion:130 Resp: 84582

Ion Ratio Lower Upper

130 100

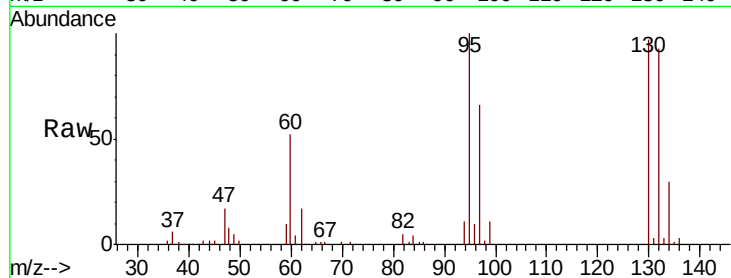
95 103.0 85.1 127.7

Manual Integrations

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN

50000

40000

30000

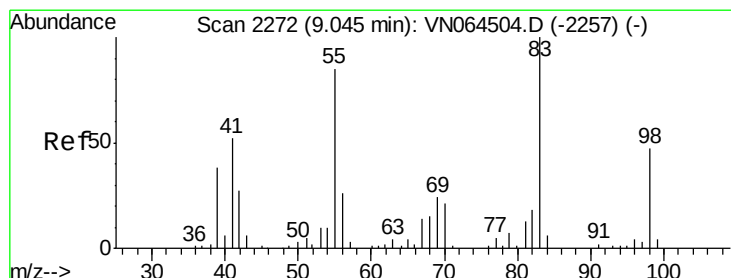
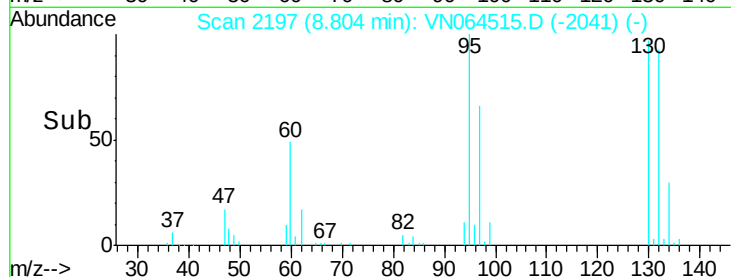
20000

10000

0

8.70 8.75 8.80 8.85 8.90

Time-->



#38

Methylcyclohexane

Concen: 18.293 ug/l

RT: 9.05 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN064515.D

Acq: 9 Nov 2020 18:46

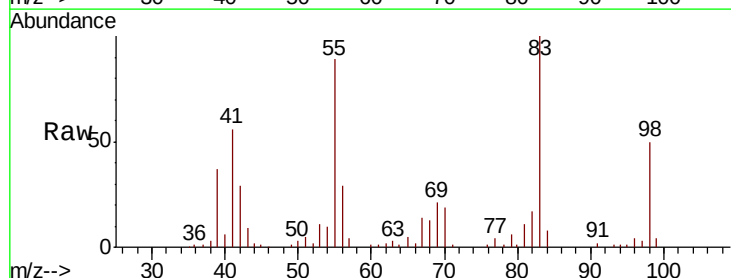
Tgt Ion: 83 Resp: 96424

Ion Ratio Lower Upper

83 100

55 87.0 42.0 126.1

98 46.2 22.5 67.5



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

60000

50000

40000

30000

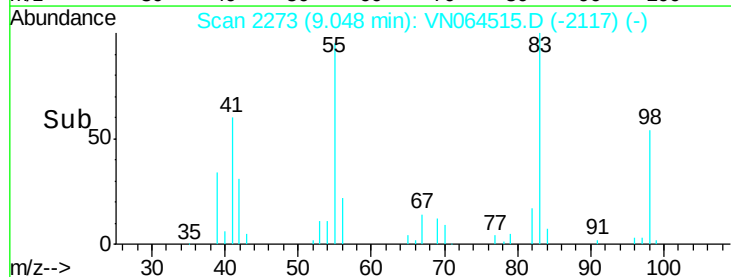
20000

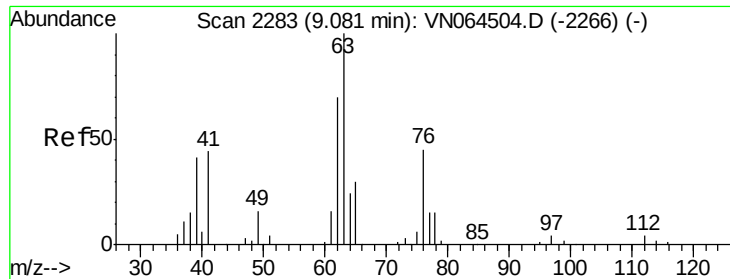
10000

0

8.95 9.00 9.05 9.10 9.15

Time-->





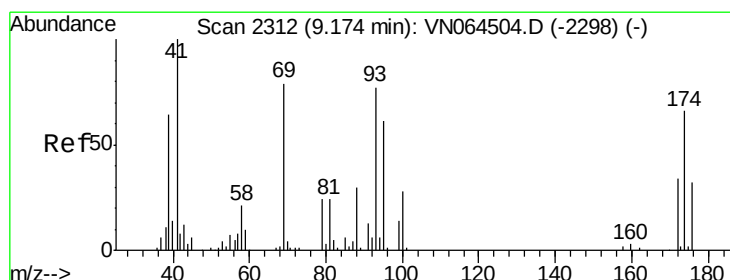
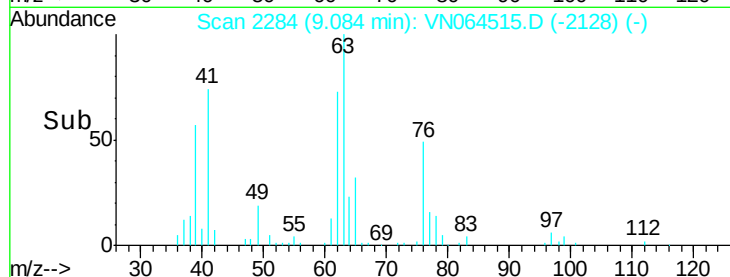
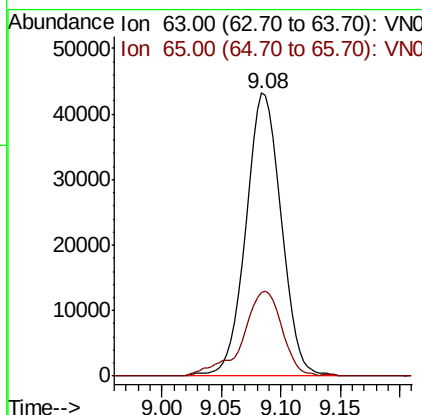
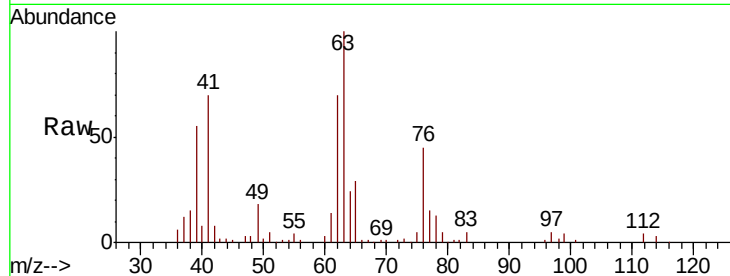
#39
 1,2-Dichloropropane
 Concen: 19.693 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064515.D
 Acq: 9 Nov 2020 18:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 63 Resp: 89288
 Ion Ratio Lower Upper
 63 100
 65 29.4 24.4 36.6

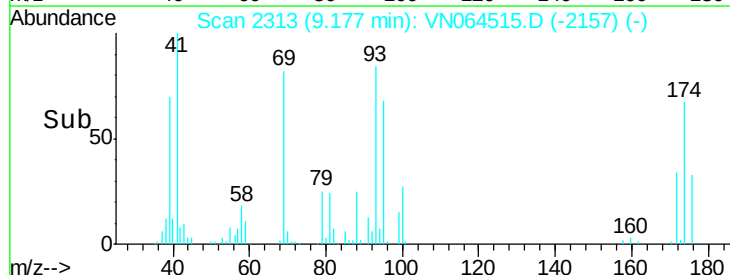
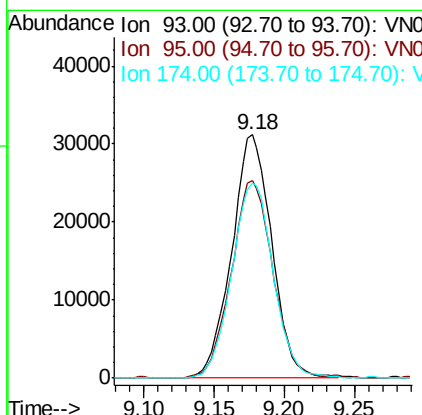
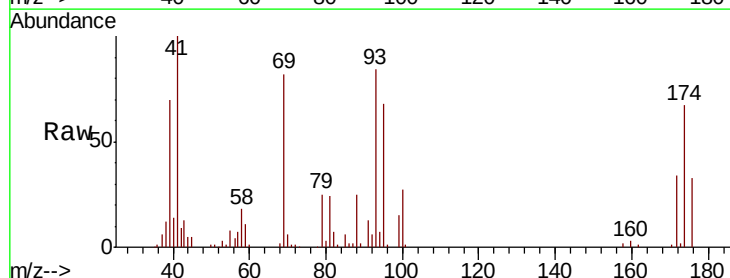
Manual Integrations
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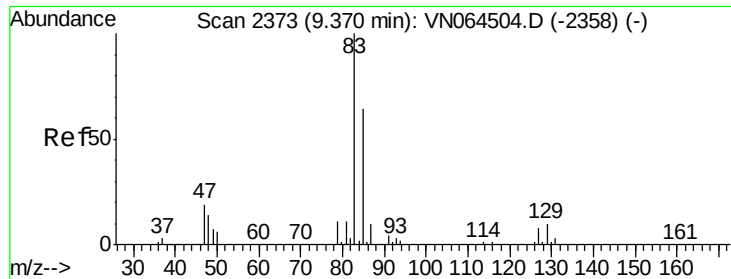
MMDadoda
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#40
 Dibromomethane
 Concen: 20.293 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN064515.D
 Acq: 9 Nov 2020 18:46

Tgt Ion: 93 Resp: 62070
 Ion Ratio Lower Upper
 93 100
 95 84.1 0.0 164.6
 174 83.0 0.0 165.6





#41

Bromodichloromethane

Concen: 19.557 ug/l

RT: 9.37 min Scan# 2374

Delta R.T. 0.00 min

Lab File: VN064515.D

Acq: 9 Nov 2020 18:46

Instrument :

MSVOA_N

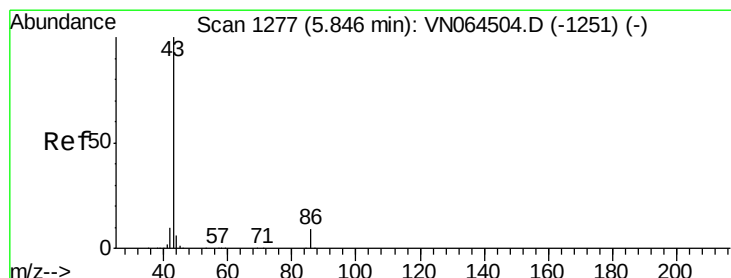
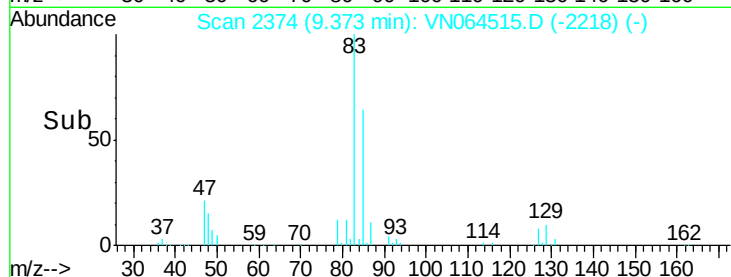
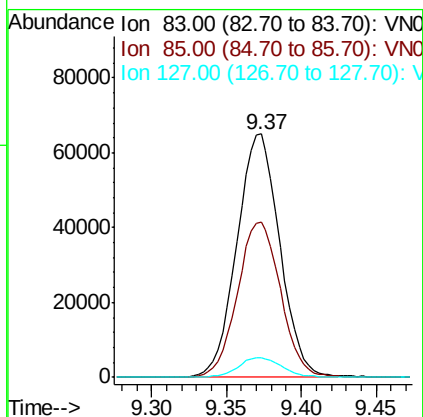
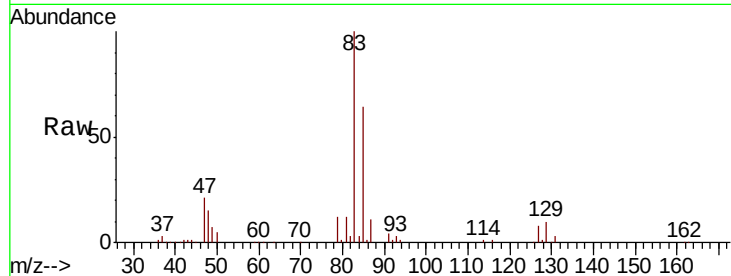
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	129647
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.0	76.4
127	7.8	6.2	9.4

Manual Integrations
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#42

Vinyl Acetate

Concen: 95.461 ug/l

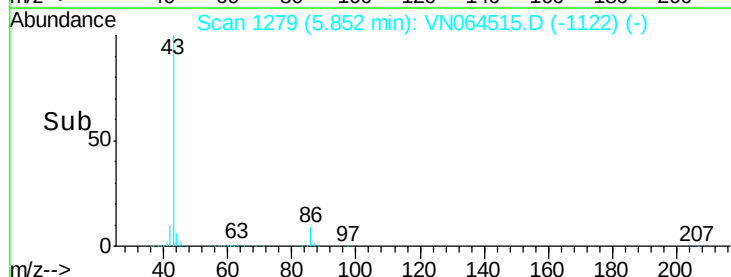
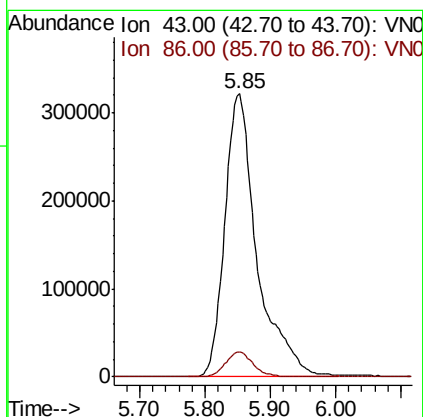
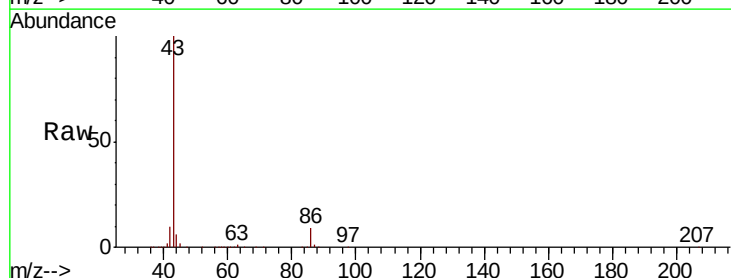
RT: 5.85 min Scan# 1279

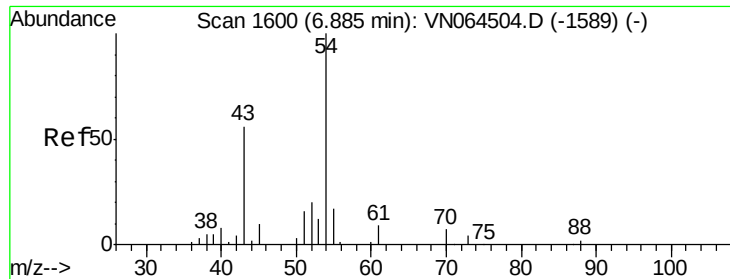
Delta R.T. 0.01 min

Lab File: VN064515.D

Acq: 9 Nov 2020 18:46

Tgt Ion:	43	Resp:	1102473
Ion	Ratio	Lower	Upper
43	100		
86	7.6	6.3	9.5





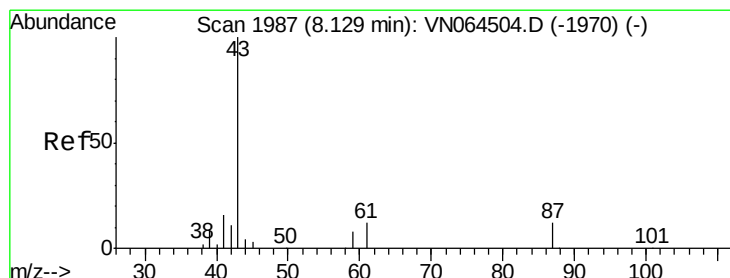
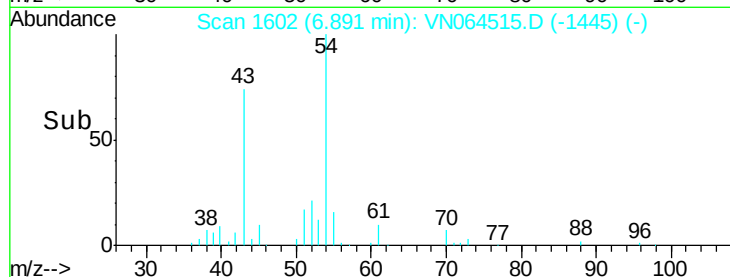
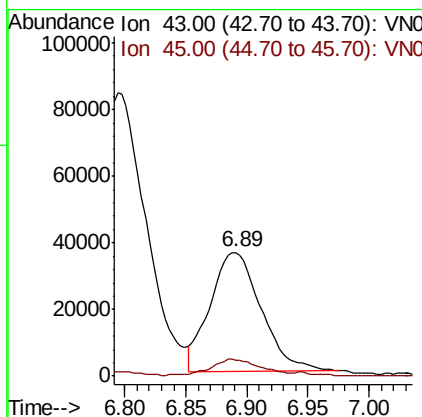
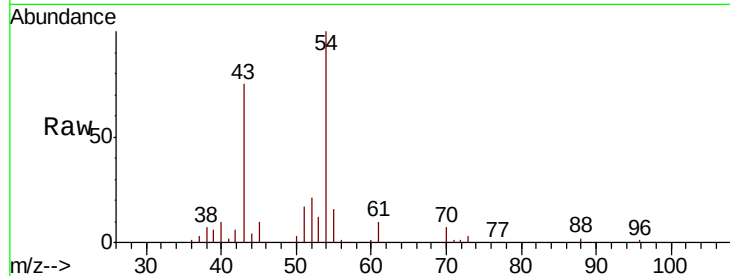
#43
Ethyl Acetate
Concen: 18.496 ug/l
RT: 6.89 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion: 43 Resp: 103824
Ion Ratio Lower Upper
43 100
45 11.5 10.9 16.3

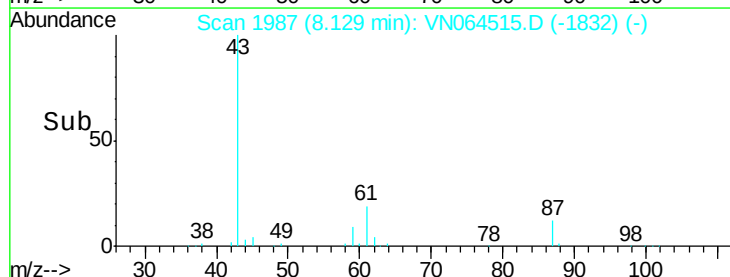
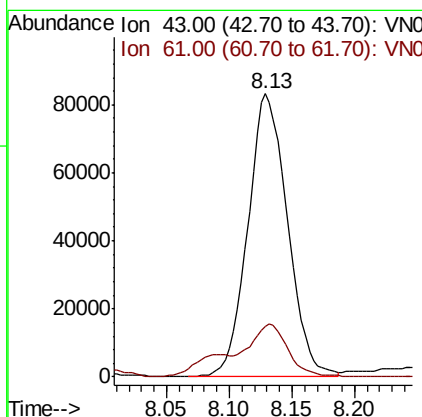
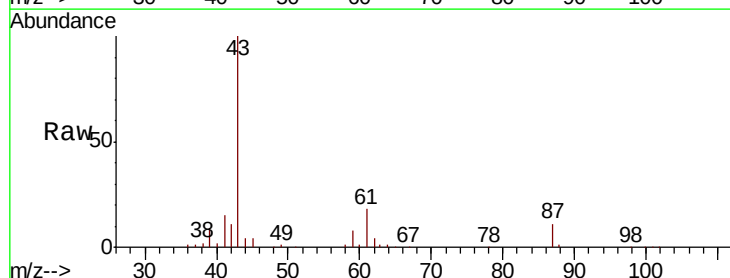
Manual Integrations
APPROVED

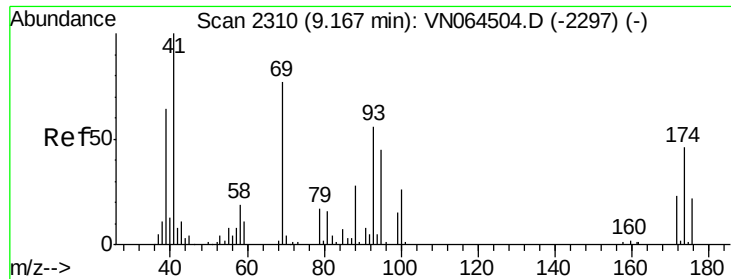
MMDadoda
11/10/2020 1:10:58 PM



#44
Isopropyl Acetate
Concen: 18.965 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Tgt Ion: 43 Resp: 183768
Ion Ratio Lower Upper
43 100
61 18.1 13.0 19.4





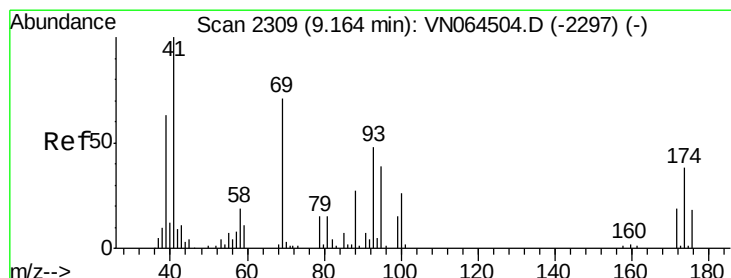
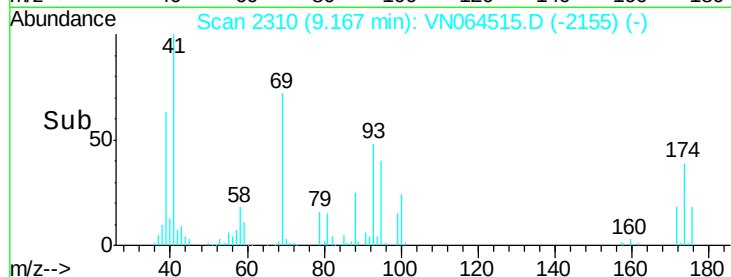
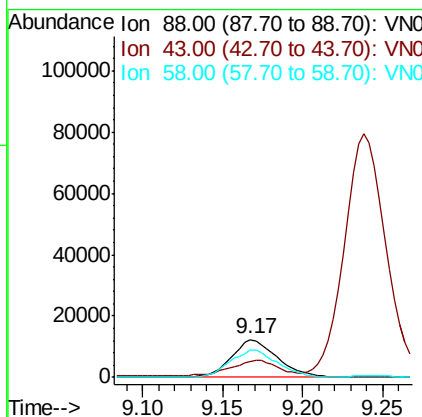
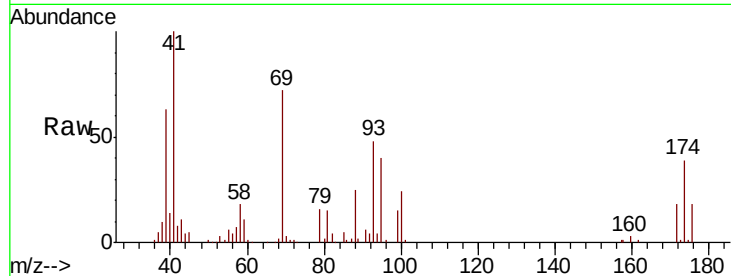
#45
1,4-Dioxane
Concen: 352.692 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	42.5	30.6	46.0
58	74.4	57.9	86.9

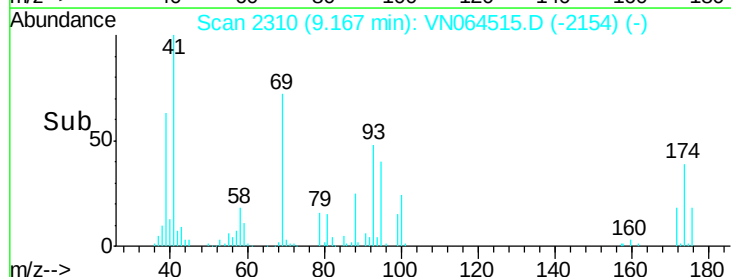
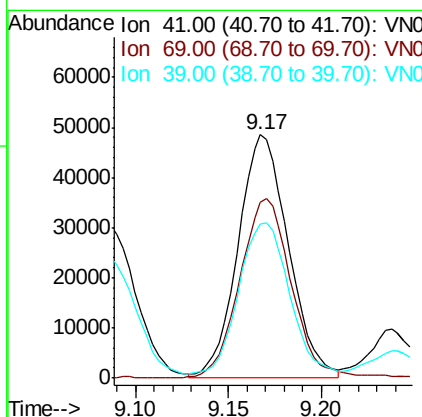
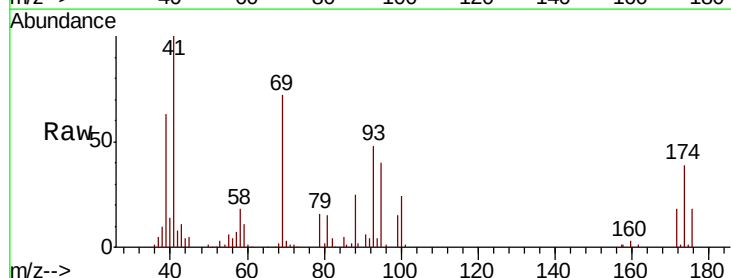
Manual Integrations
APPROVED

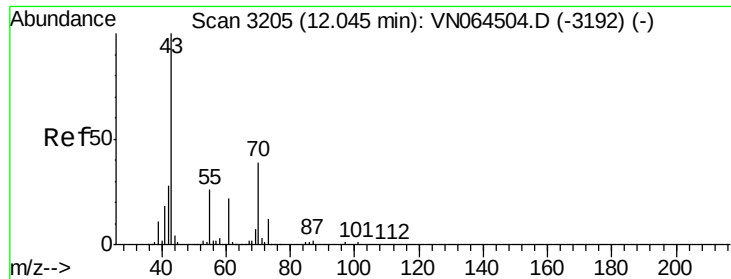
MMDadoda
11/10/2020 1:10:58 PM



#46
Methyl methacrylate
Concen: 19.037 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Tgt Ion	Ratio	Lower	Upper
41	100		
69	72.6	35.4	106.2
39	62.4	31.6	94.7





#47

n-amvl Acetate

Concen: 17.645 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN064515.D

Acq: 9 Nov 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 147908

Ion Ratio Lower Upper

43 100

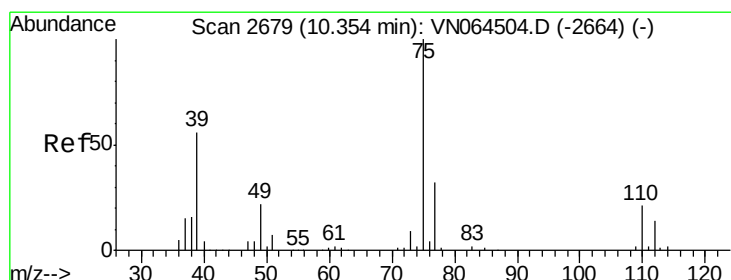
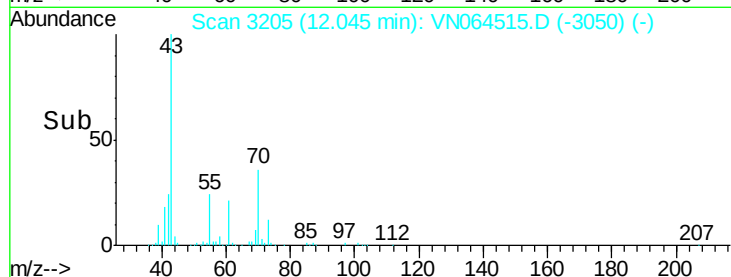
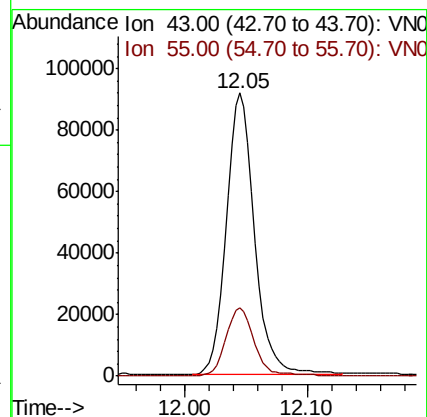
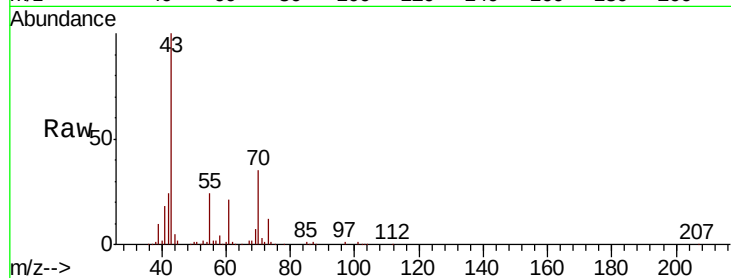
55 24.6 19.2 28.8

Manual Integrations

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11/10/2020 1:10:58 PM



#48

t-1,3-Dichloropropene

Concen: 19.149 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. -0.00 min

Lab File: VN064515.D

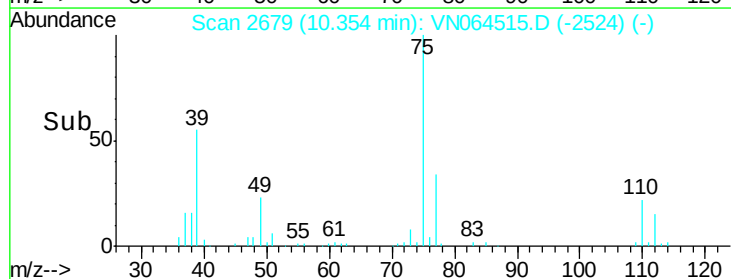
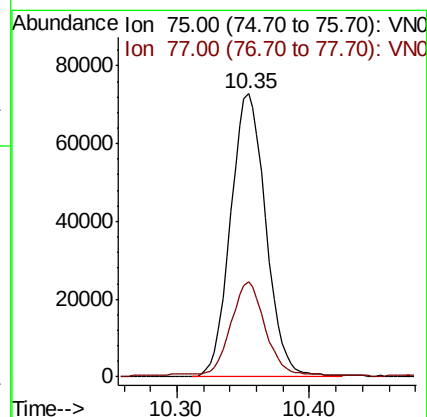
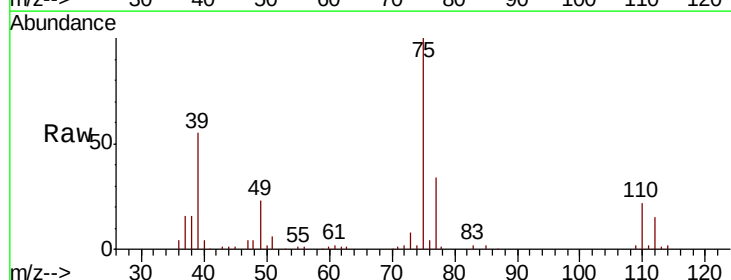
Acq: 9 Nov 2020 18:46

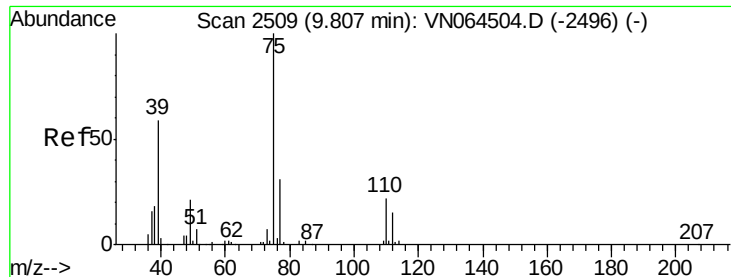
Tgt Ion: 75 Resp: 134527

Ion Ratio Lower Upper

75 100

77 33.1 25.8 38.6





#49

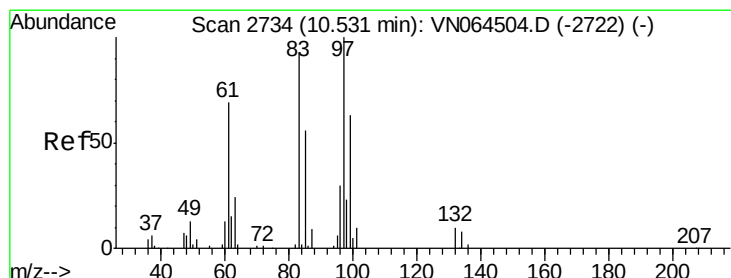
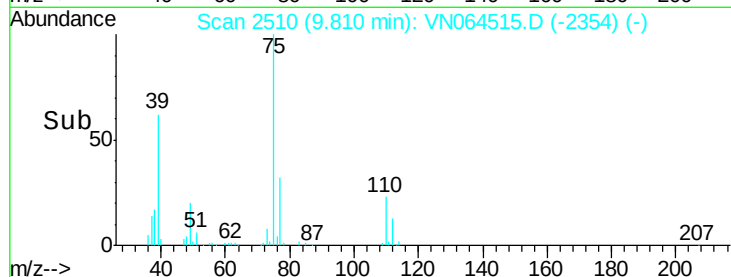
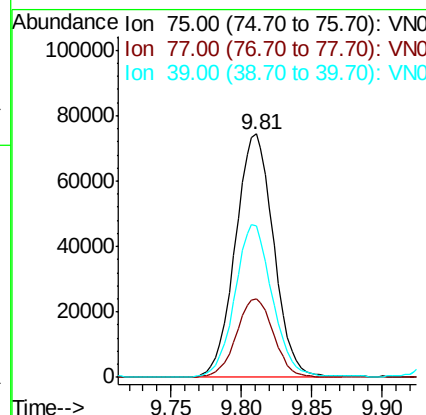
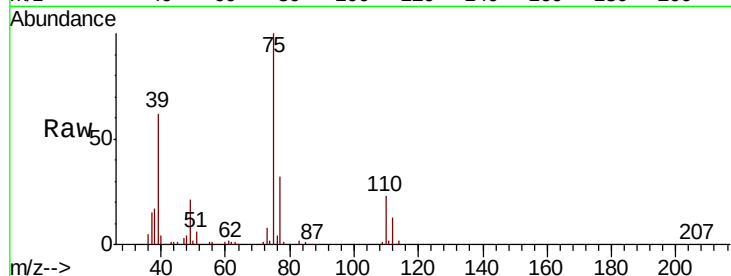
cis-1,3-Dichloropropene
 Concen: 19.196 ug/l
 RT: 9.81 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: VN064515.D
 Acq: 9 Nov 2020 18:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.8	37.2
39	61.8	47.4	71.0

Manual Integrations
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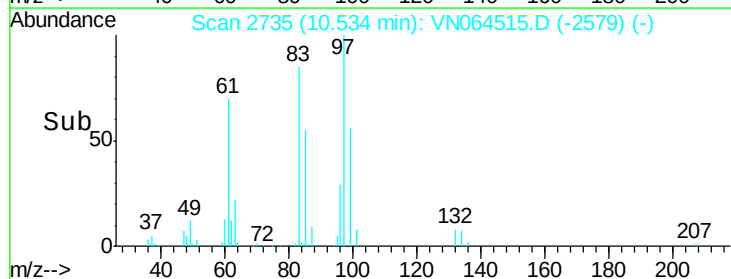
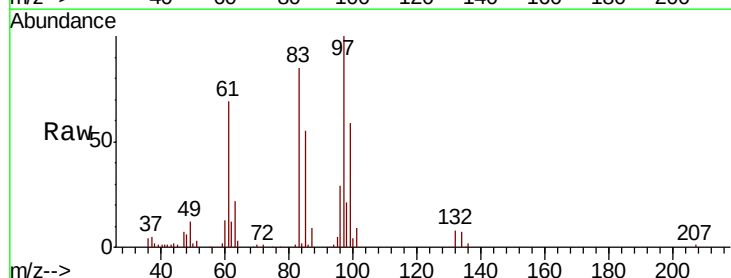
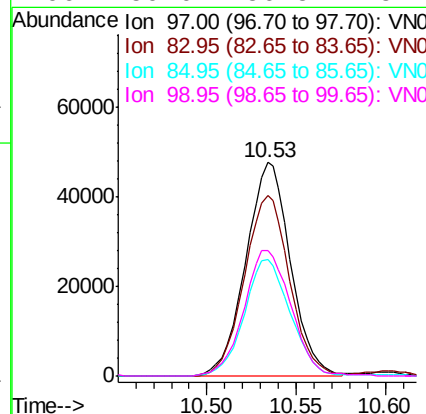
MMDadoda
 11/10/2020 1:10:58 PM

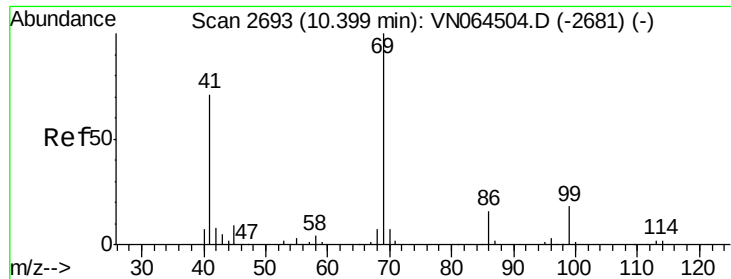


#50

1,1,2-Trichloroethane
 Concen: 19.947 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064515.D
 Acq: 9 Nov 2020 18:46

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.8	74.2	111.4
85	54.8	44.8	67.2
99	59.0	50.5	75.7





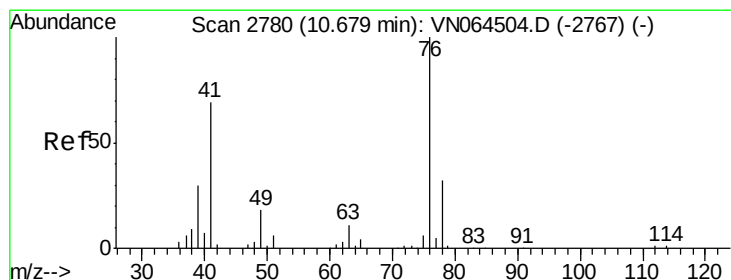
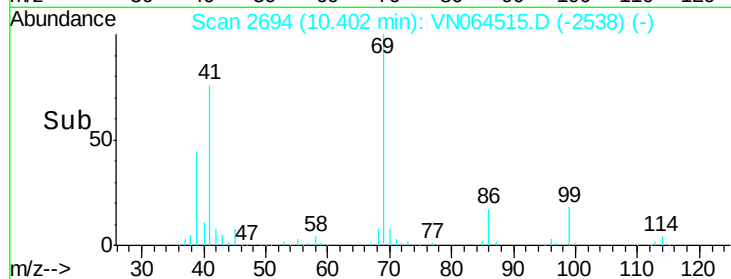
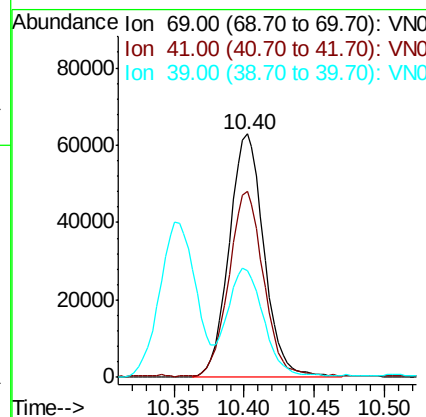
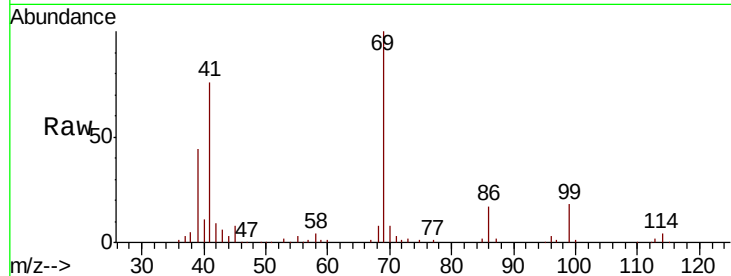
#51
Ethyl methacrylate
Concen: 18.117 ug/l
RT: 10.40 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
69	100		
41	75.5	35.4	106.1
39	43.1	24.1	72.2

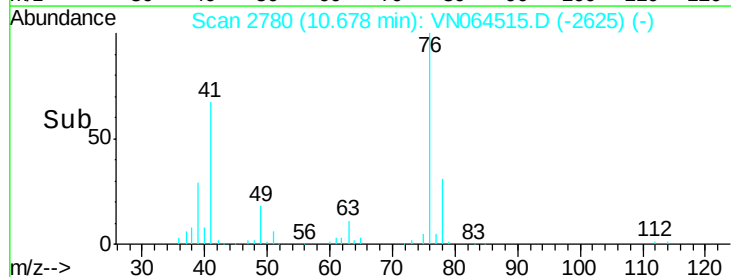
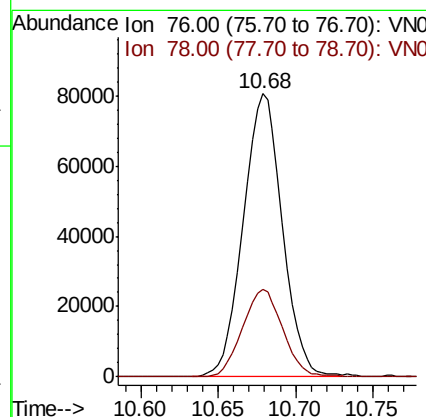
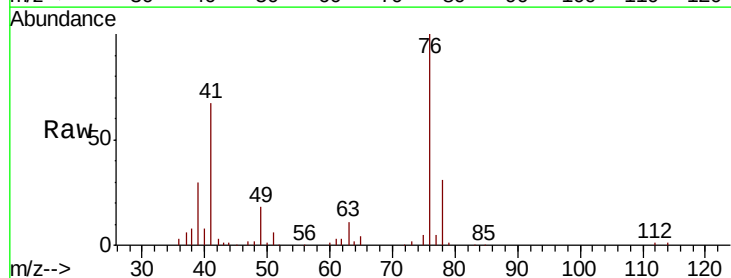
Manual Integrations
APPROVED

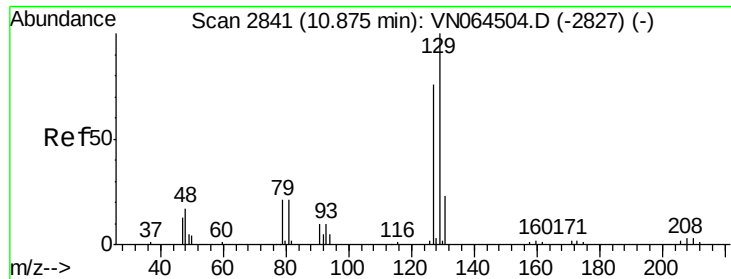
MMDadoda
11/10/2020 1:10:58 PM



#52
1,3-Dichloropropane
Concen: 19.657 ug/l
RT: 10.68 min Scan# 2780
Delta R.T. -0.00 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Tgt Ion	Ratio	Lower	Upper
76	100		
78	31.9	0.0	65.2





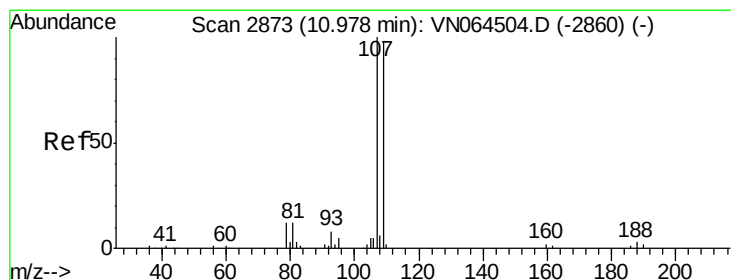
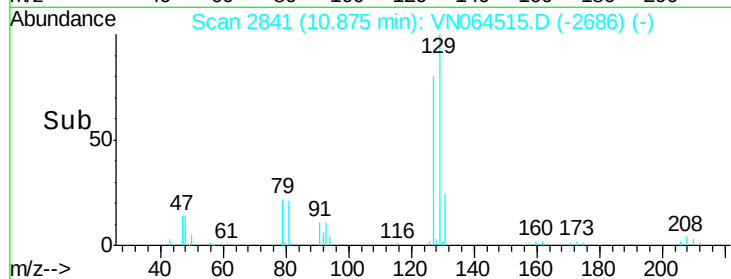
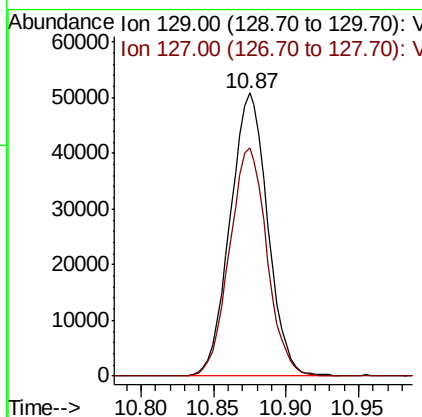
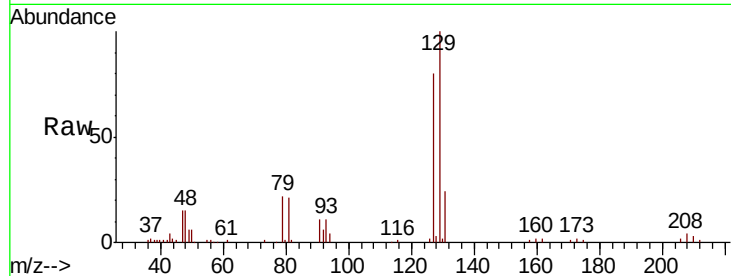
#53
Dibromochloromethane
Concen: 19.040 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion:129 Resp: 91443
Ion Ratio Lower Upper
129 100
127 80.3 39.1 117.2

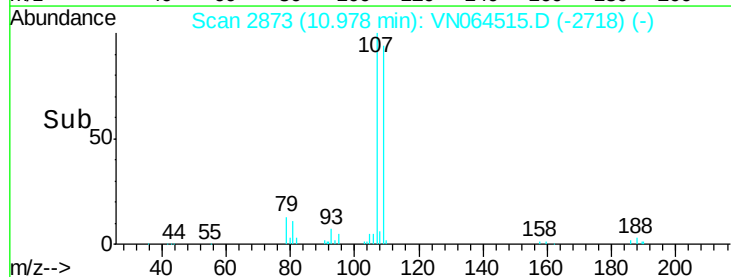
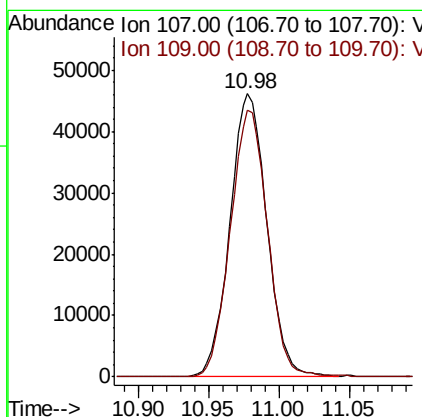
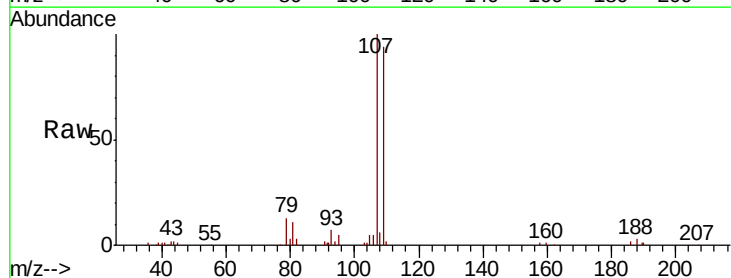
Manual Integrations
APPROVED

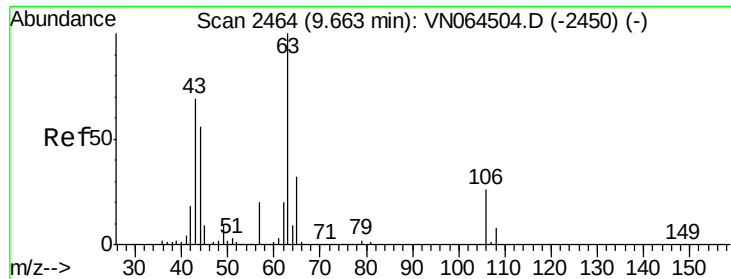
MMDadoda
11/10/2020 1:10:58 PM



#54
1,2-Dibromoethane
Concen: 19.707 ug/l
RT: 10.98 min Scan# 2873
Delta R.T. -0.00 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Tgt Ion:107 Resp: 84528
Ion Ratio Lower Upper
107 100
109 94.7 77.2 115.8





#55

2-Chloroethyl vinyl ether

Concen: 86.039 ug/l

RT: 9.67 min Scan# 2465

Delta R.T. 0.00 min

Lab File: VN064515.D

Acq: 9 Nov 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 63 Resp: 270571

Ion Ratio Lower Upper

63 100

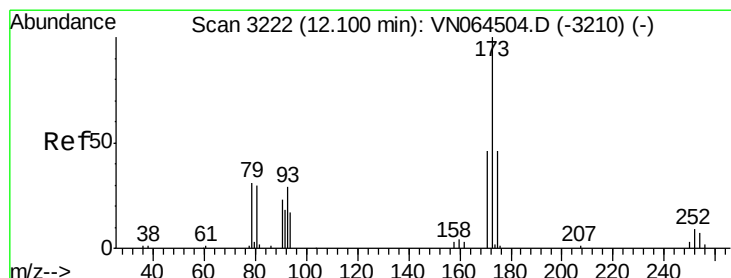
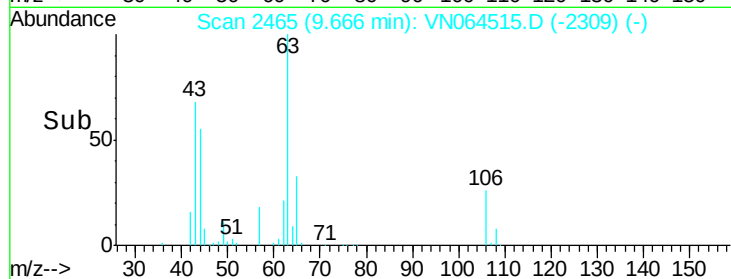
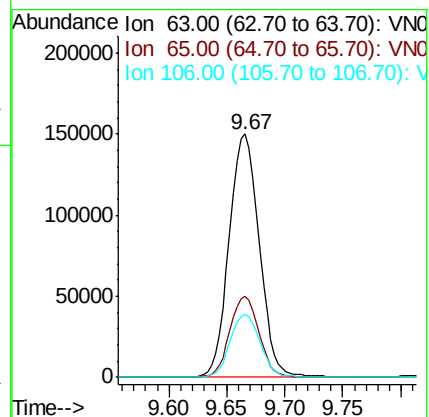
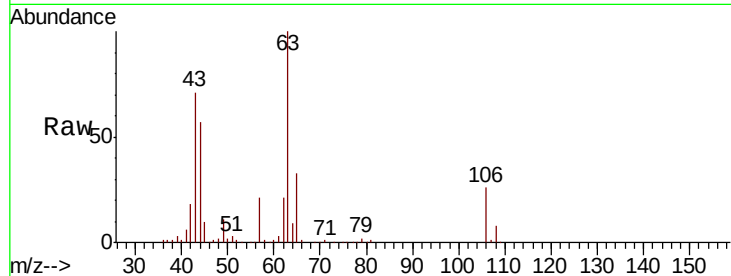
65 32.2 25.7 38.5

106 25.6 19.9 29.9

Manual Integrations
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#56

Bromoform

Concen: 18.919 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN064515.D

Acq: 9 Nov 2020 18:46

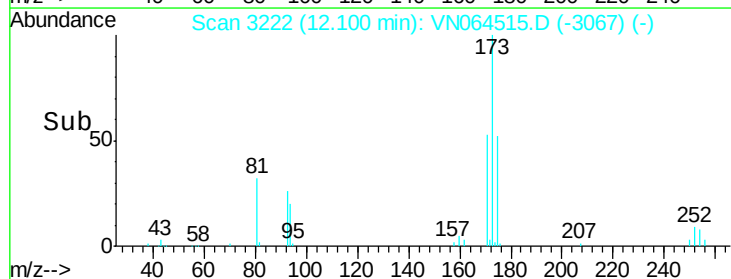
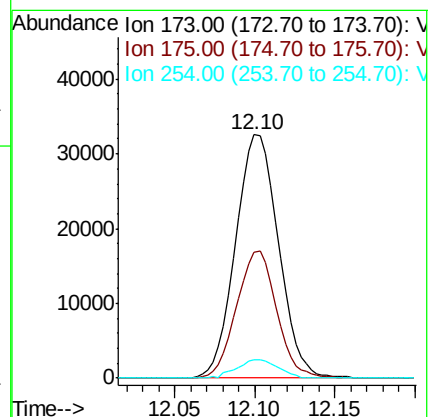
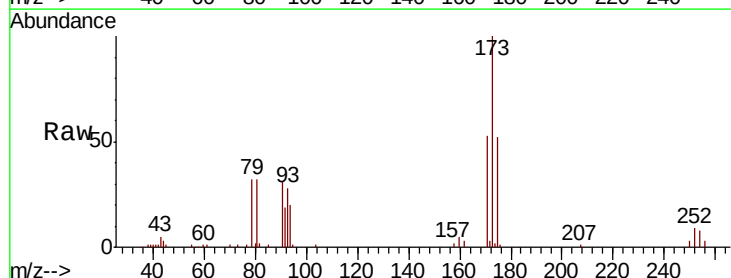
Tgt Ion: 173 Resp: 59624

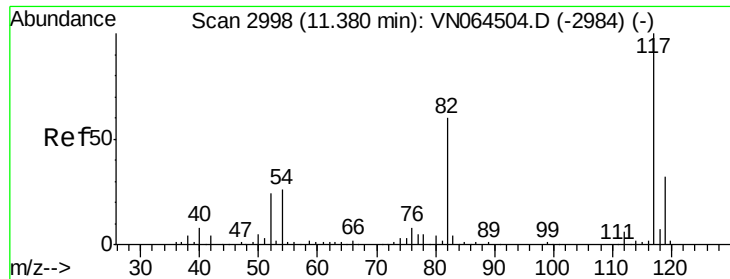
Ion Ratio Lower Upper

173 100

175 48.7 37.1 55.7

254 7.2 5.4 8.2





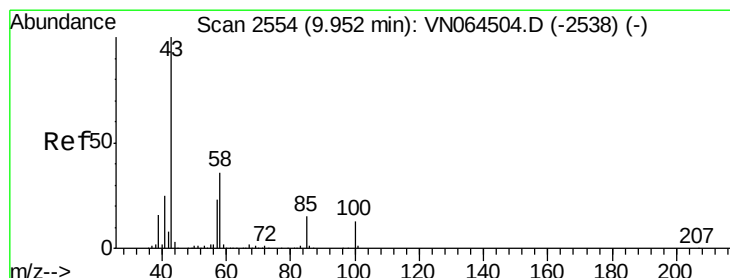
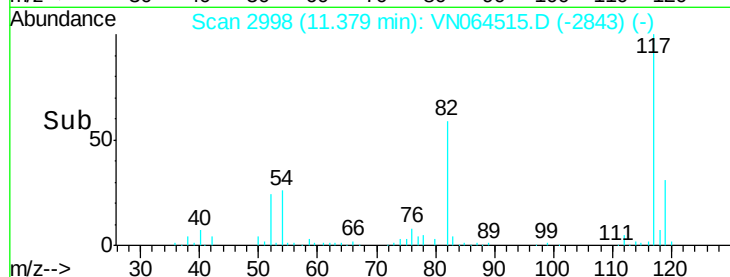
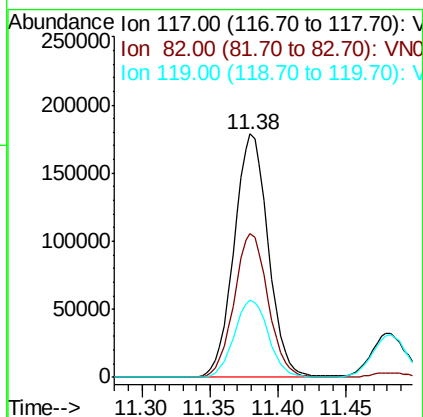
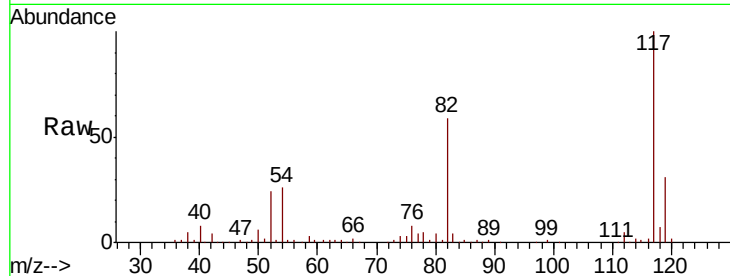
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.7	47.8	71.8
119	31.8	25.7	38.5

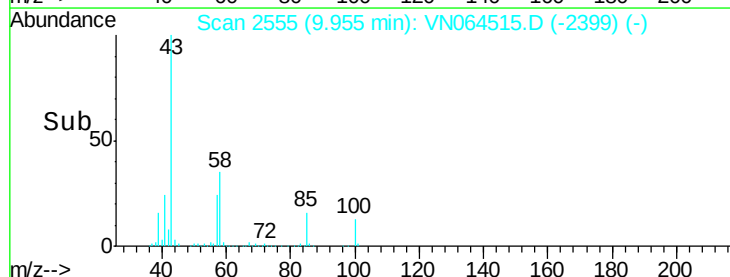
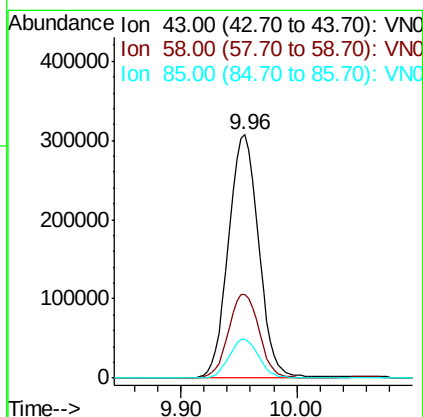
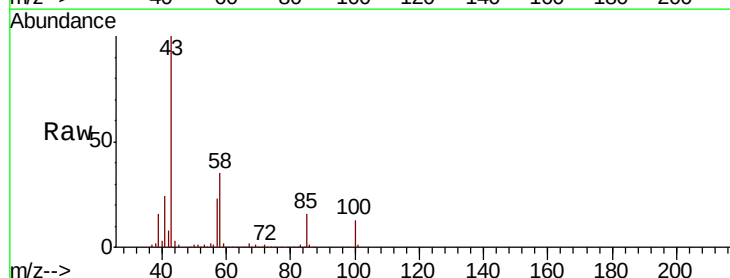
Manual Integrations
APPROVED

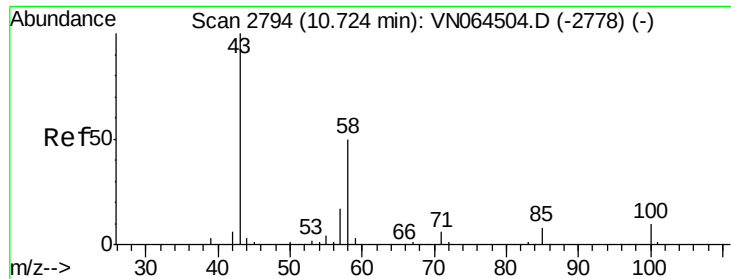
MMDadoda
11/10/2020 1:10:58 PM



#58
4-Methyl-2-Pentanone
Concen: 96.762 ug/l
RT: 9.96 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.0	28.8	43.2
85	15.8	12.3	18.5





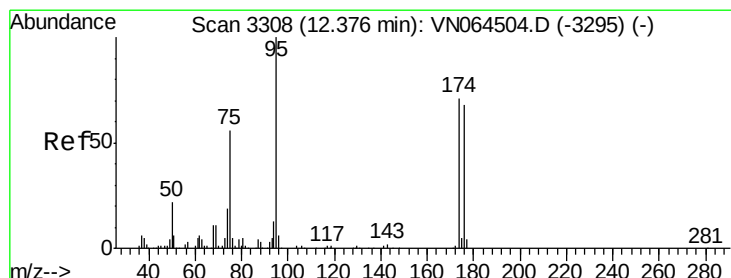
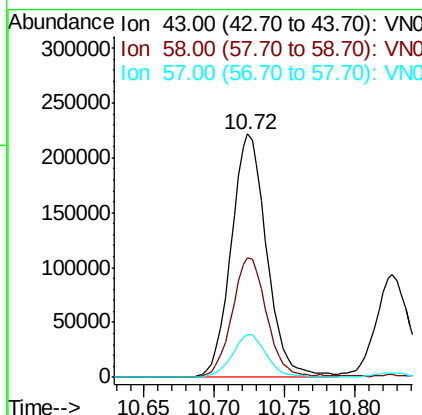
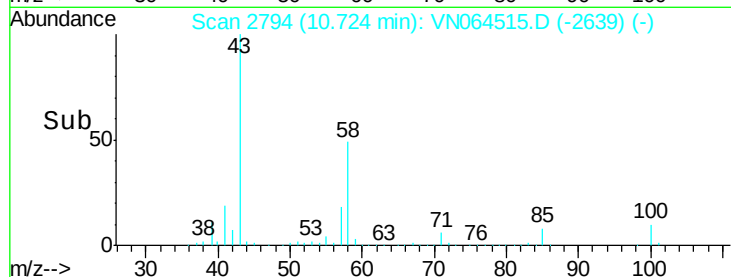
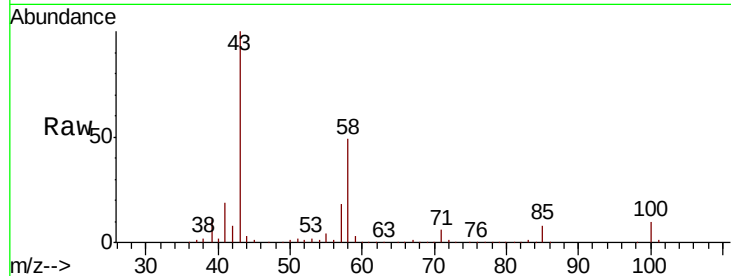
#59
2-Hexanone
Concen: 89.946 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.2	38.2	57.4
57	17.2	13.8	20.8

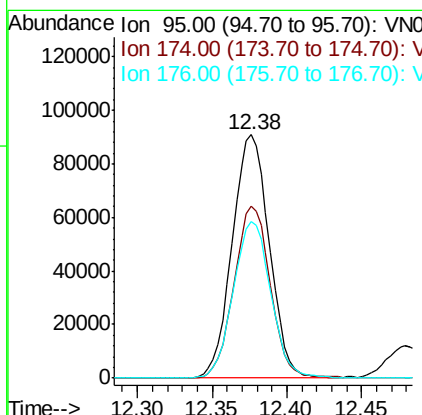
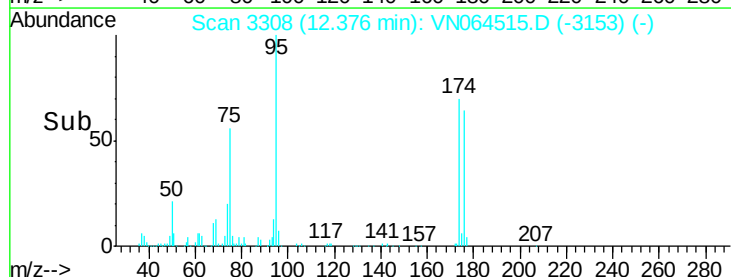
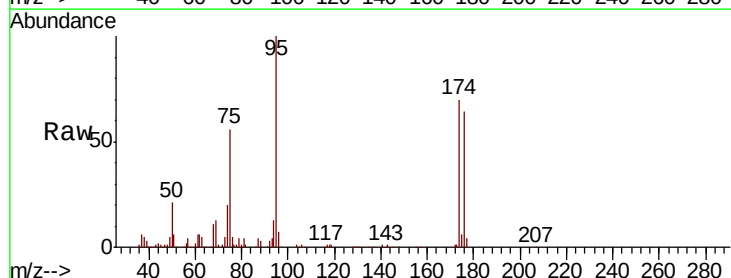
Manual Integrations
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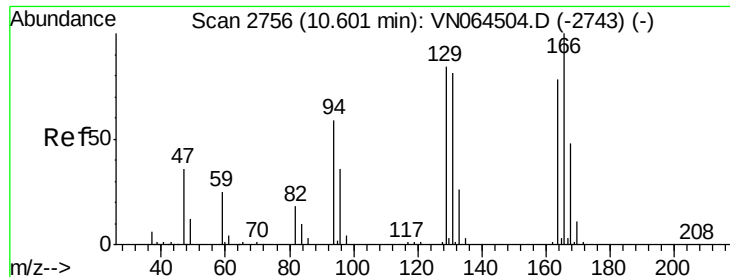
MMDadoda
11/10/2020 1:10:58 PM



#60
4-Bromofluorobenzene
Concen: 29.434 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Tgt Ion	Ratio	Lower	Upper
95	100		
174	68.9	56.4	84.6
176	65.3	53.3	79.9





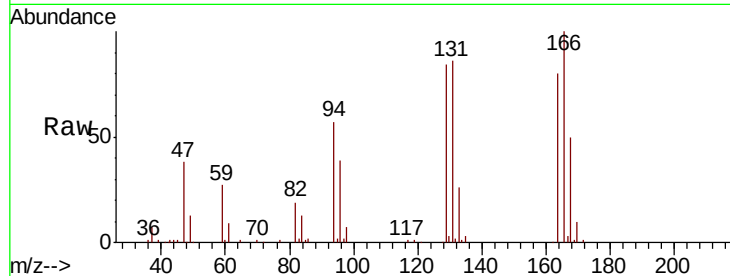
#61
Tetrachloroethene
Concen: 20.563 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
164	100		
166	125.6	103.2	154.8
129	105.1	86.4	129.6
131	107.7	84.0	126.0

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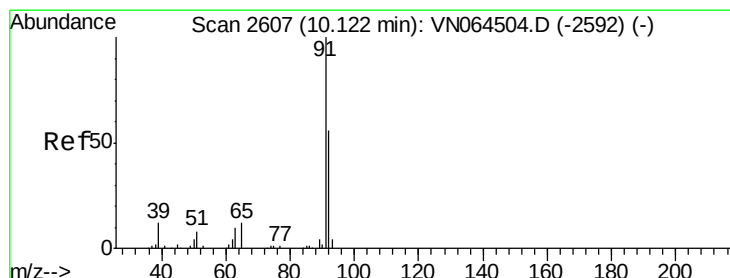
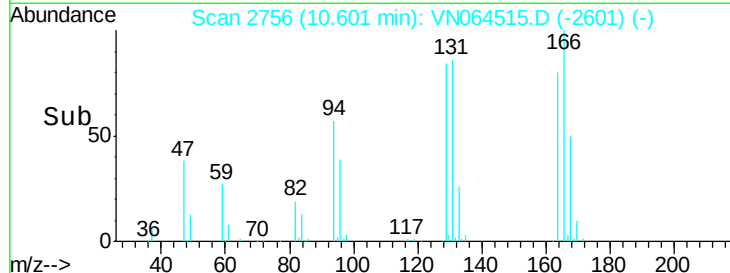
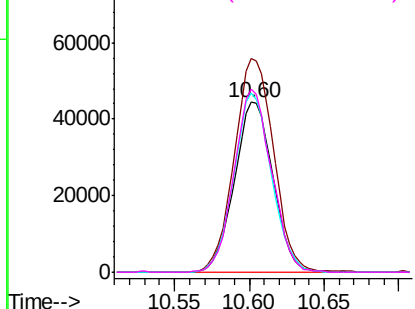
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

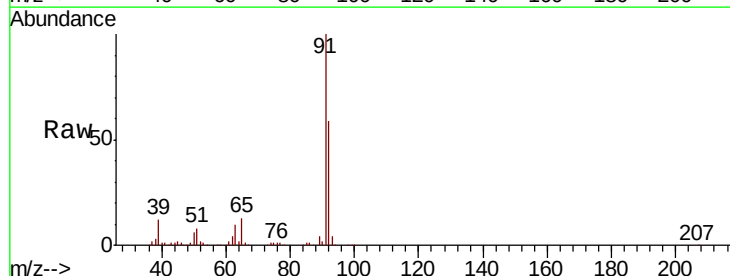
Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62
Toluene
Concen: 19.512 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

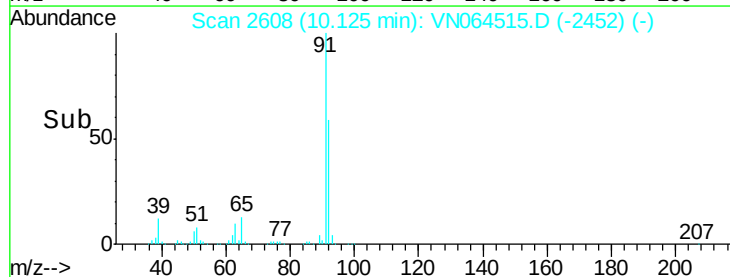
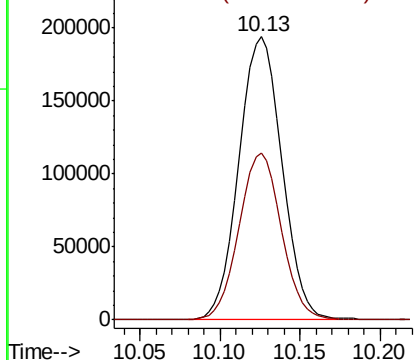
Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.9	45.4	68.2

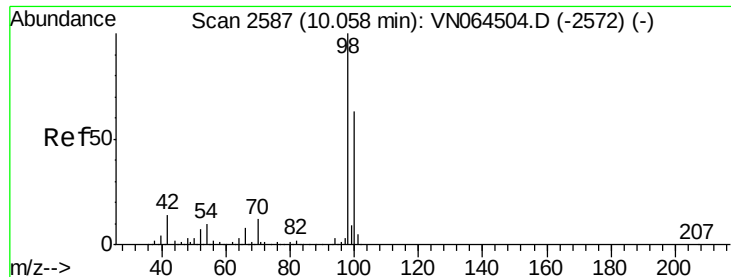


Abundance

Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





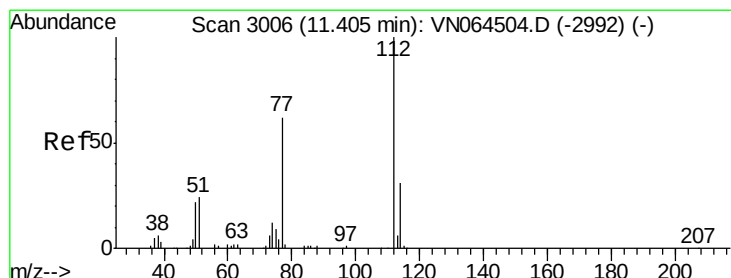
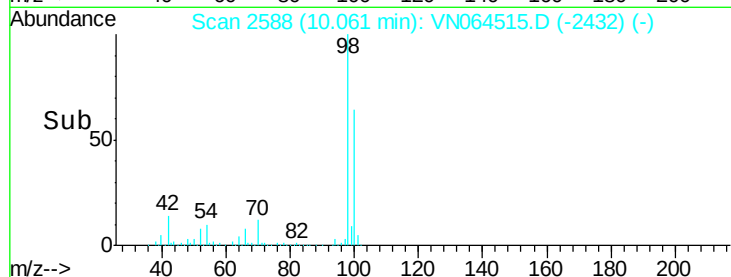
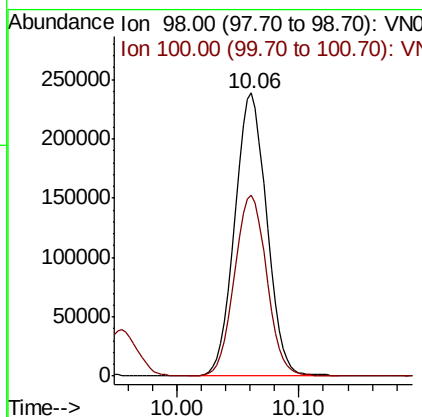
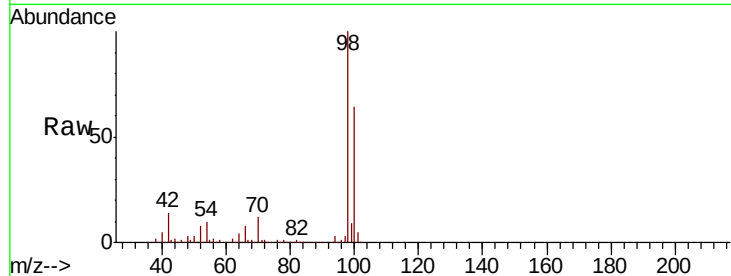
#63
Toluene-d8
Concen: 29.942 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion: 98 Resp: 434268
Ion Ratio Lower Upper
98 100
100 64.5 49.4 74.2

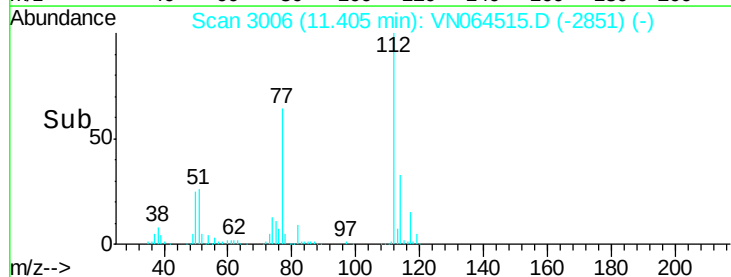
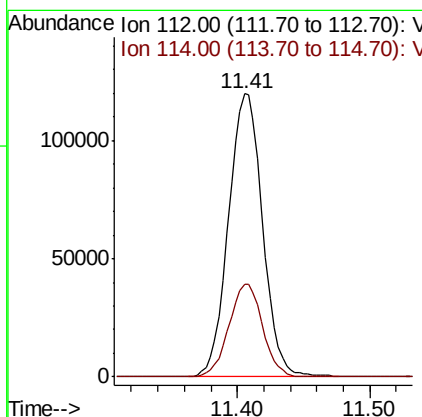
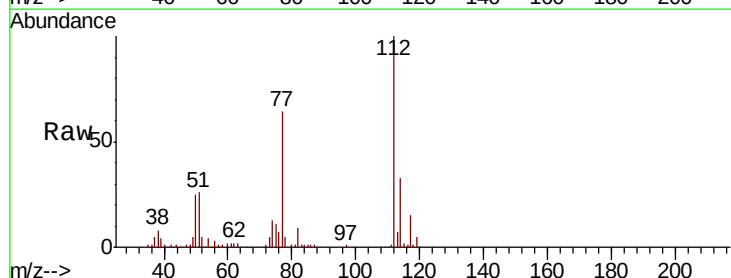
Manual Integrations
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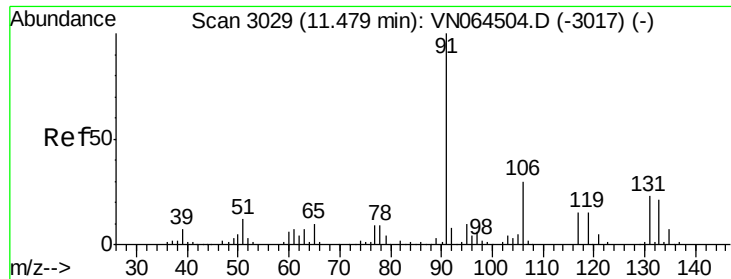
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#64
Chlorobenzene
Concen: 19.703 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Tgt Ion: 112 Resp: 213896
Ion Ratio Lower Upper
112 100
114 32.9 25.0 37.6





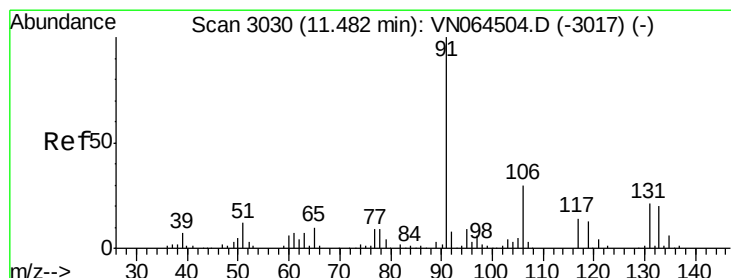
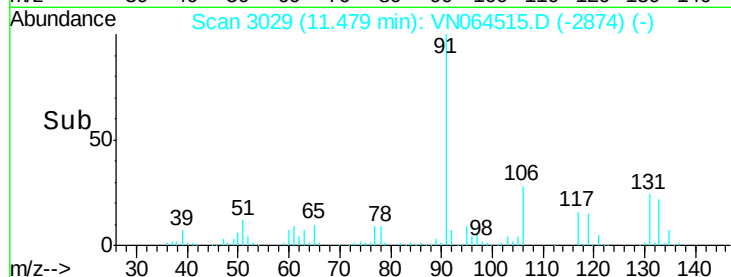
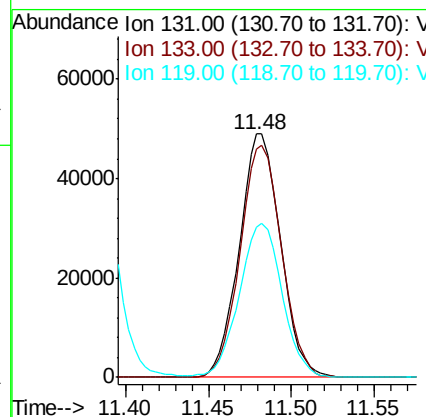
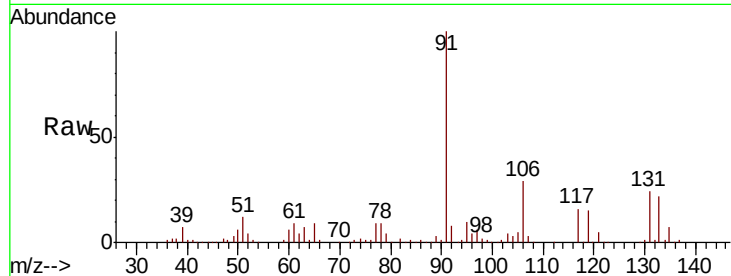
#65
1,1,1,2-Tetrachloroethane
Concen: 20.027 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion:131 Resp: 84992
Ion Ratio Lower Upper
131 100
133 95.6 0.0 191.2
119 65.6 0.0 131.6

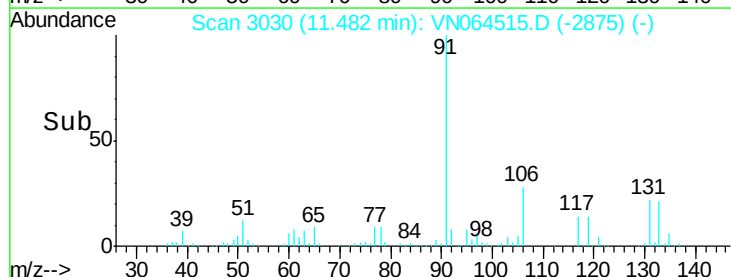
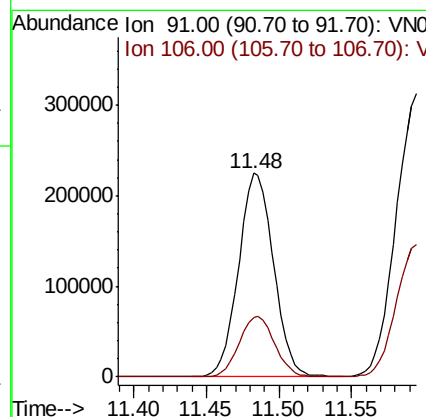
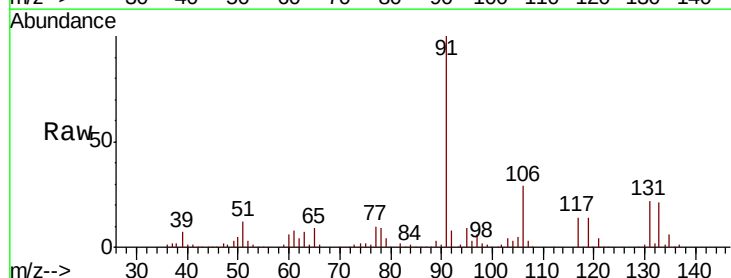
Manual Integrations
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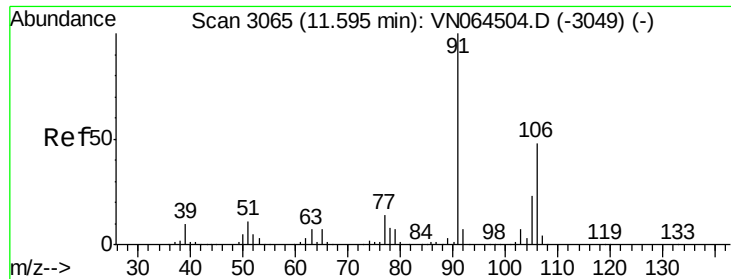
MMDadoda
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#66
Ethyl Benzene
Concen: 19.206 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Tgt Ion: 91 Resp: 378545
Ion Ratio Lower Upper
91 100
106 29.4 23.9 35.9





#67

m/p-Xylenes

Concen: 39.211 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN064515.D

Acq: 9 Nov 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion:106 Resp: 285257

Ion Ratio Lower Upper

106 100

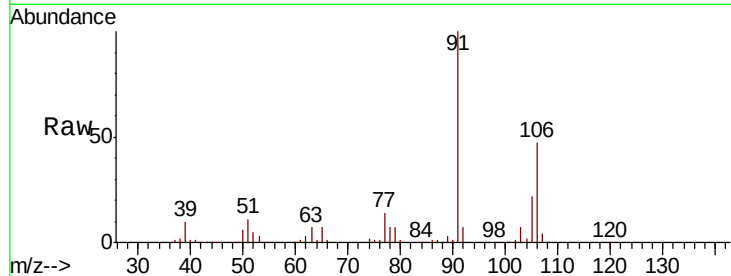
91 214.8 168.8 253.2

Manual Integrations

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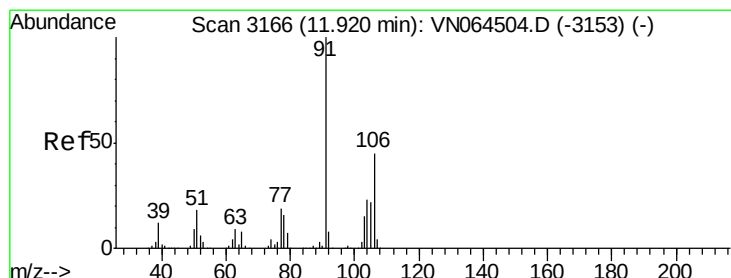
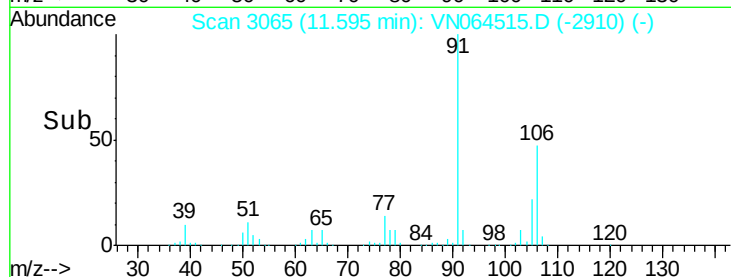
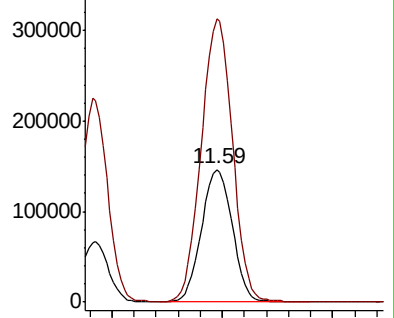
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#68

o-Xylene

Concen: 19.457 ug/l

RT: 11.92 min Scan# 3167

Delta R.T. 0.00 min

Lab File: VN064515.D

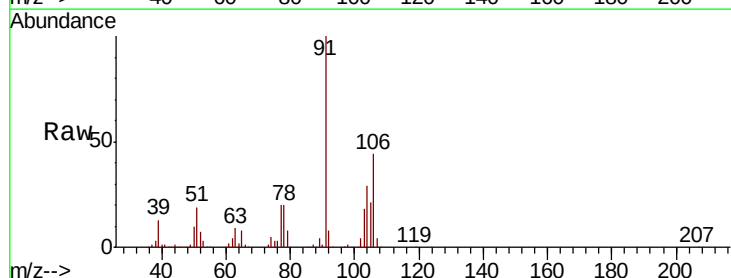
Acq: 9 Nov 2020 18:46

Tgt Ion:106 Resp: 133951

Ion Ratio Lower Upper

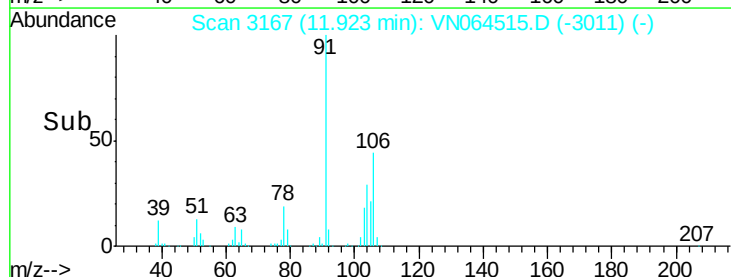
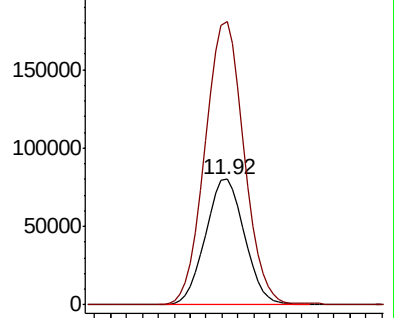
106 100

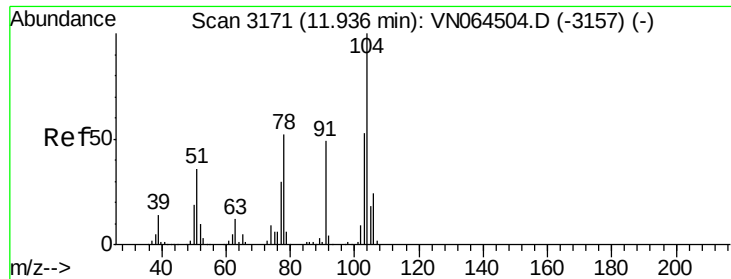
91 225.0 109.7 329.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





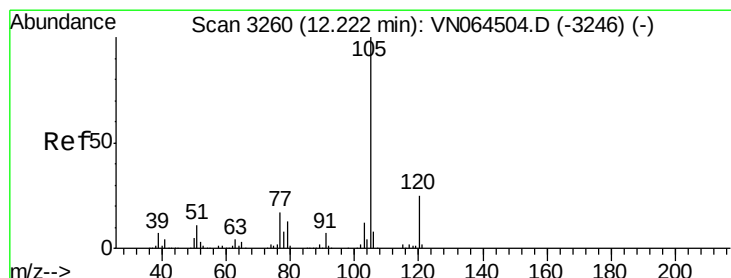
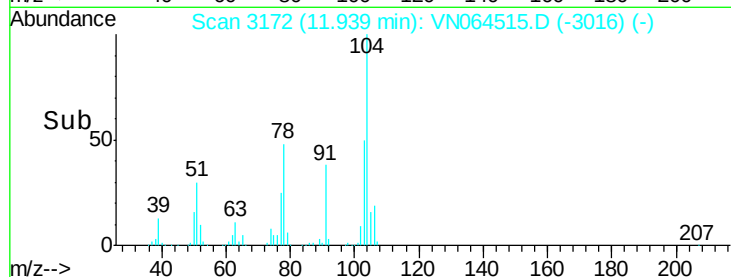
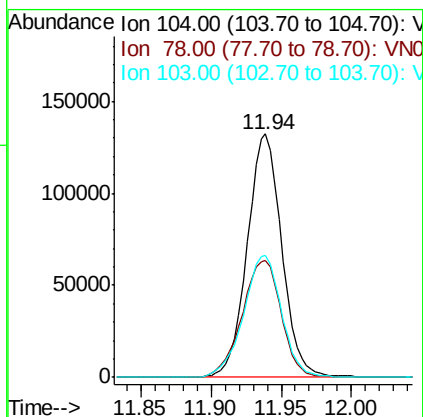
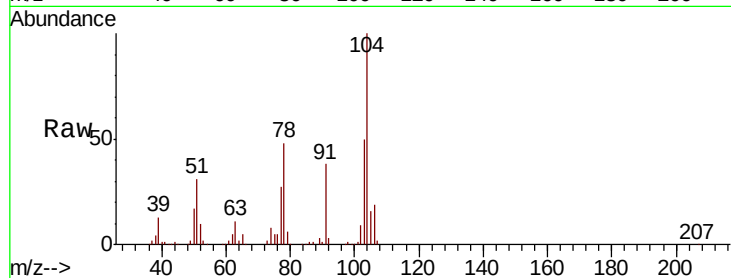
#69
Stvrene
Concen: 19.306 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	54.6	44.4	66.6
103	55.1	44.6	67.0

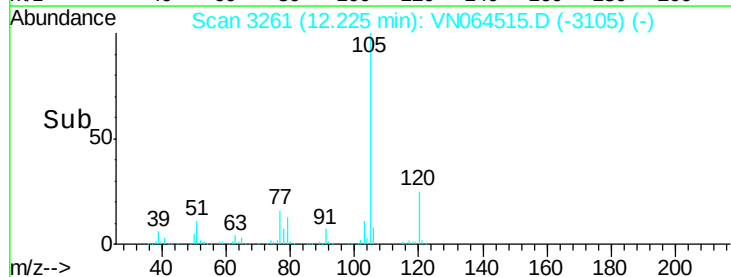
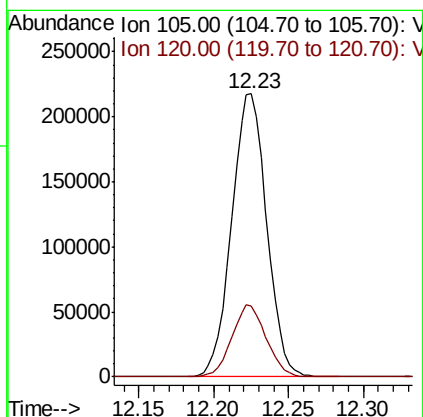
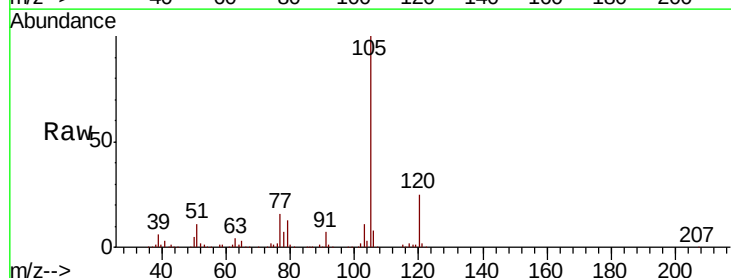
Manual Integrations
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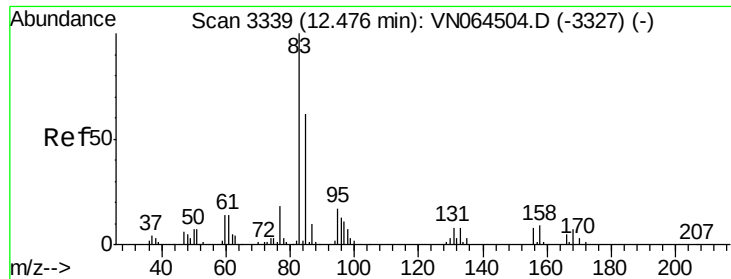
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#70
Isopropylbenzene
Concen: 19.676 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	24.8	17.9	33.3





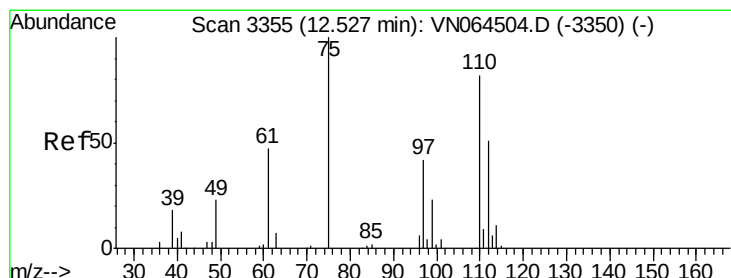
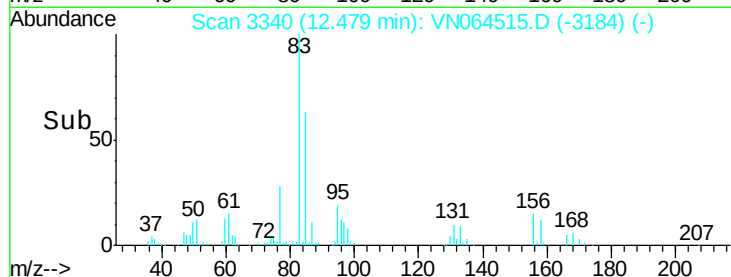
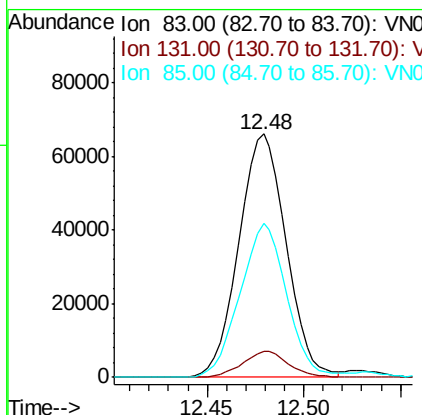
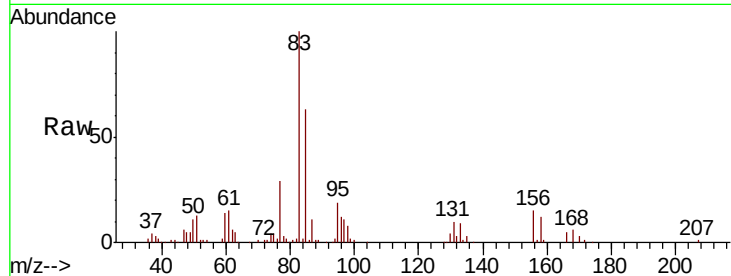
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.483 ug/l
 RT: 12.48 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VN064515.D
 Acq: 9 Nov 2020 18:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	83	Resp	112431
Ion Ratio	100	Lower	Upper
83	100		
131	10.4	4.6	13.8
85	62.4	31.4	94.0

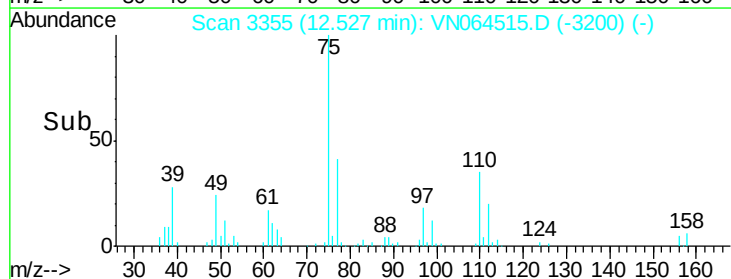
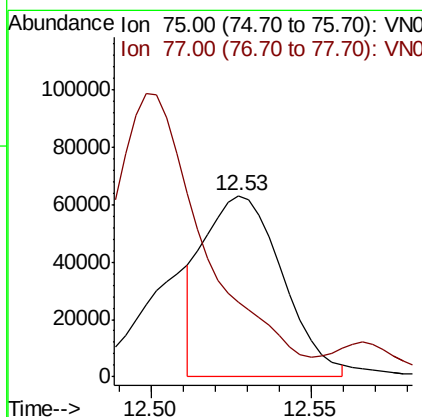
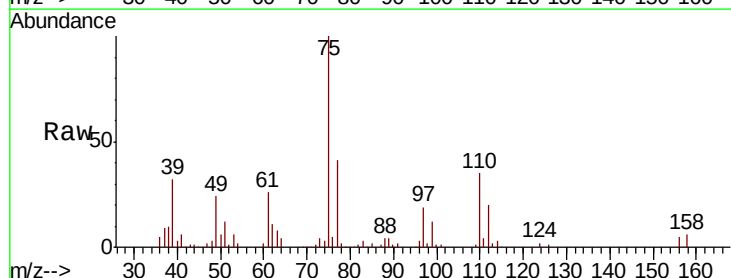
Manual Integrations
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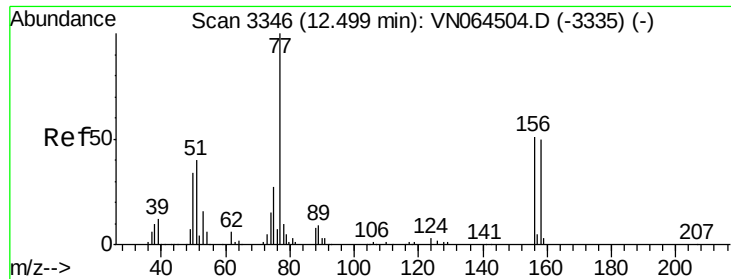
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 11/10/2020 1:10:58 PM



#72
 1,2,3-Trichloropropane
 Concen: 18.635 ug/l m
 RT: 12.53 min Scan# 3355
 Delta R.T. -0.00 min
 Lab File: VN064515.D
 Acq: 9 Nov 2020 18:46

Tgt Ion	75	Resp	107246
Ion Ratio	100	Lower	Upper
75	100		
77	190.4	0.0	379.4





#73

Bromobenzene

Concen: 19.225 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN064515.D

Acq: 9 Nov 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion:156 Resp: 85696

Ion Ratio Lower Upper

156 100

77 238.3 0.0 480.2

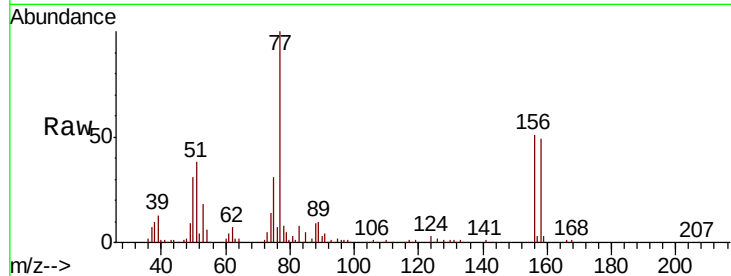
158 97.4 0.0 194.0

Manual Integrations

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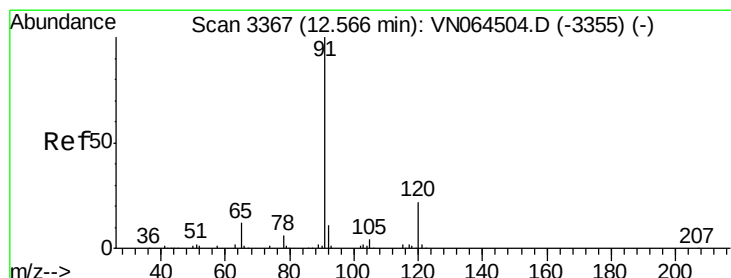
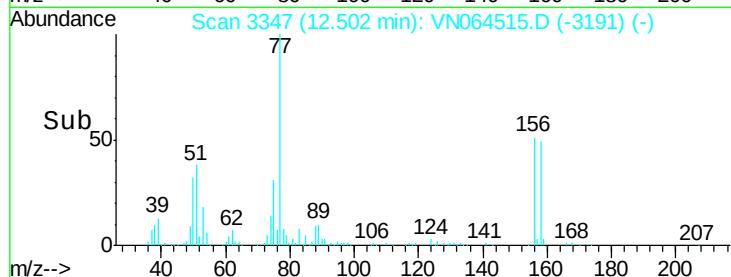
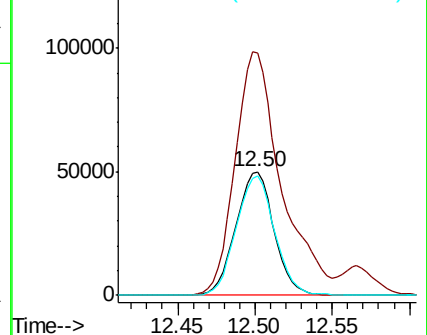
11/10/2020 1:10:58 PM



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.566 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN064515.D

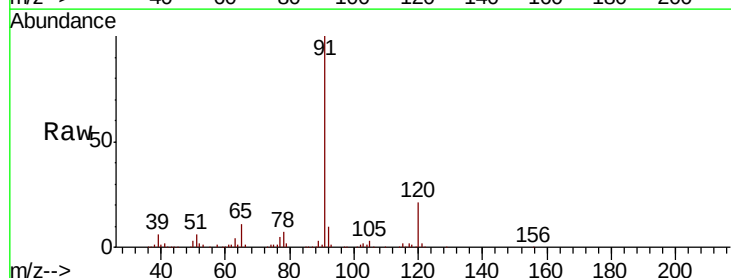
Acq: 9 Nov 2020 18:46

Tgt Ion: 91 Resp: 414718

Ion Ratio Lower Upper

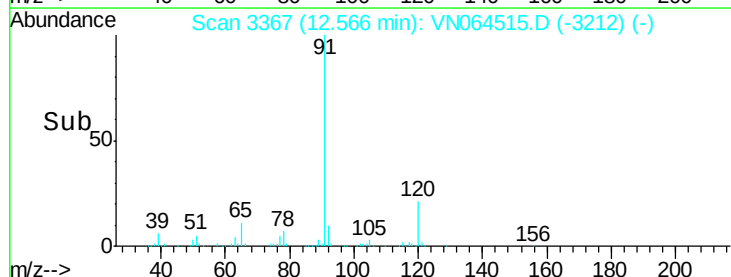
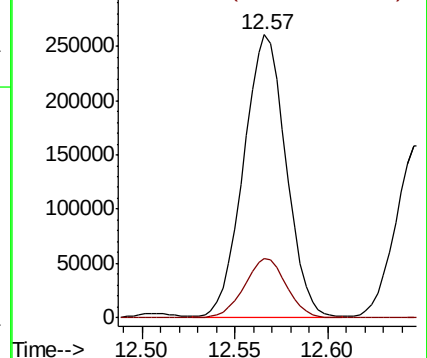
91 100

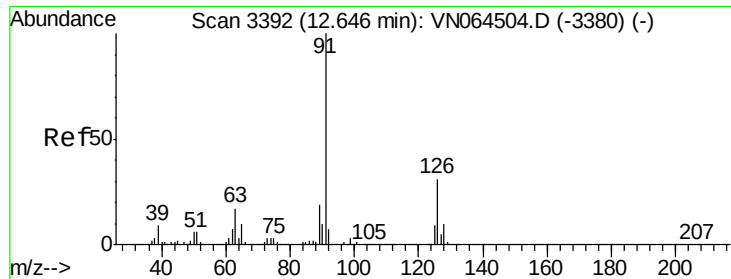
120 20.7 0.0 42.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.792 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064515.D

Acq: 9 Nov 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 263764

Ion Ratio Lower Upper

91 100

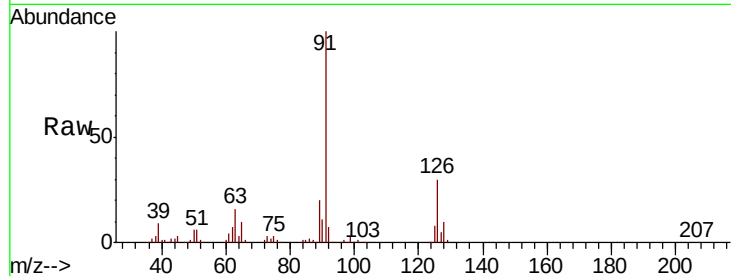
126 30.2 0.0 61.8

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Abundance Ion 91.00 (90.70 to 91.70): VN064515.D (-3237) (-)

Ion 126.00 (125.70 to 126.70): VN064515.D (-3237) (-)

250000

200000

150000

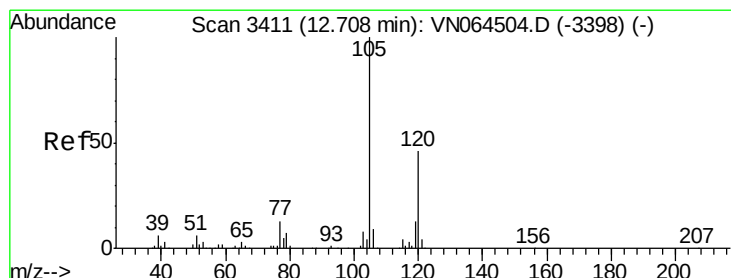
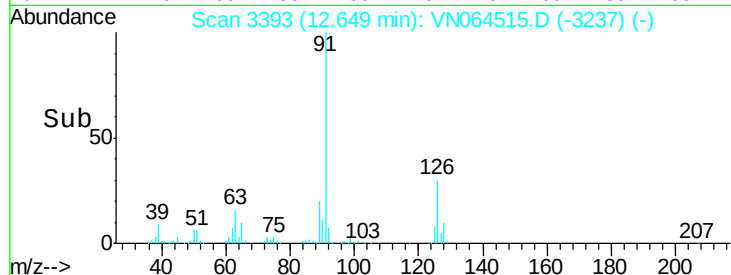
100000

50000

0

12.60 12.65 12.70

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 19.601 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064515.D

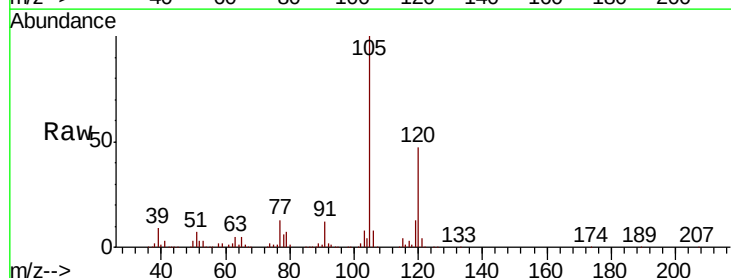
Acq: 9 Nov 2020 18:46

Tgt Ion: 105 Resp: 298163

Ion Ratio Lower Upper

105 100

120 46.5 0.0 90.4



Abundance Ion 105.00 (104.70 to 105.70): VN064515.D (-3256) (-)

Ion 120.00 (119.70 to 120.70): VN064515.D (-3256) (-)

200000

150000

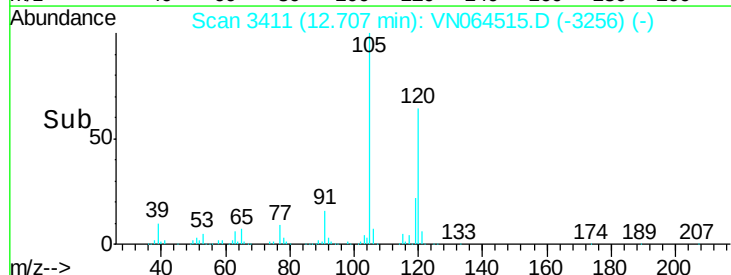
100000

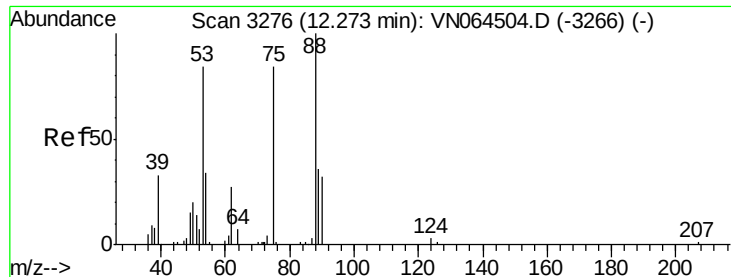
50000

0

12.60 12.70

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 17.350 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064515.D

Acq: 9 Nov 2020 18:46

Instrument :

MSVOA_N

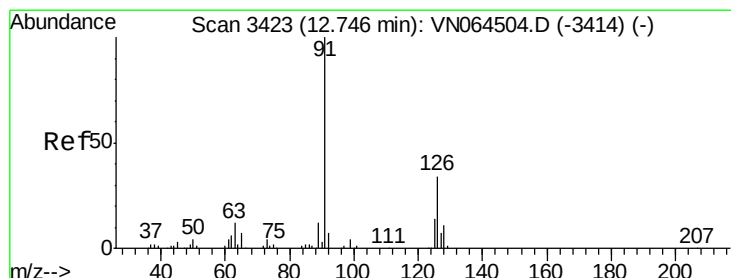
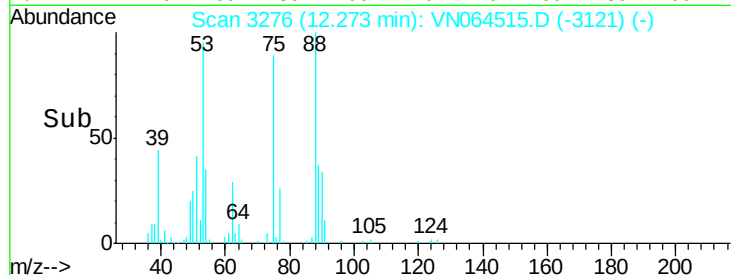
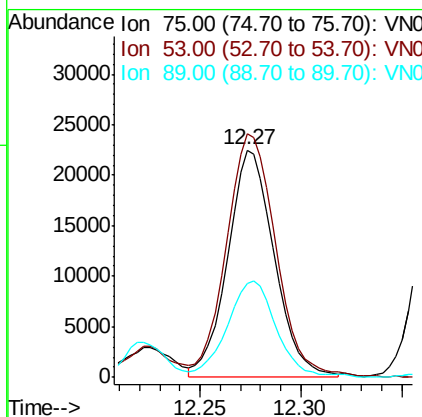
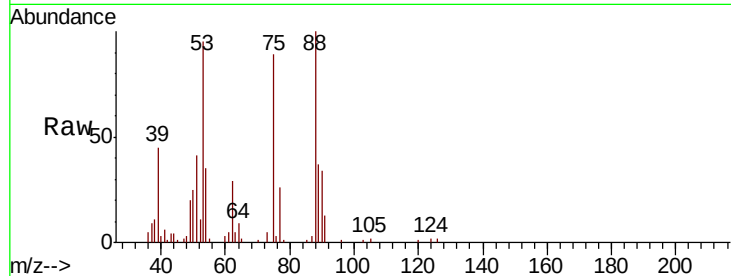
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	36406
Ion	Ratio	Lower	Upper
75	100		
53	106.2	50.3	150.9
89	40.9	23.3	69.8

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11/10/2020 1:10:58 PM



#78

4-Chlorotoluene

Concen: 19.052 ug/l

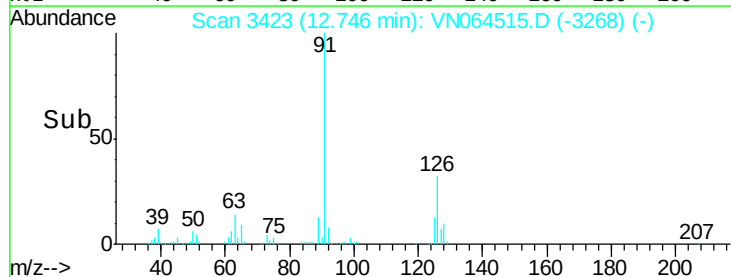
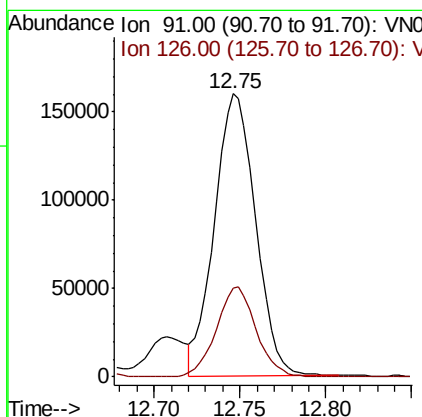
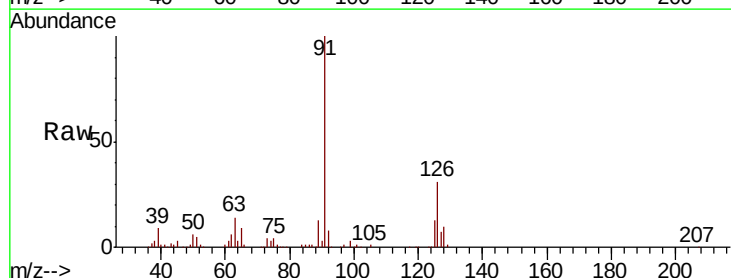
RT: 12.75 min Scan# 3423

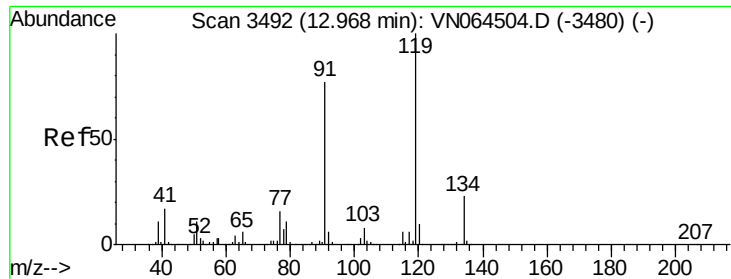
Delta R.T. -0.00 min

Lab File: VN064515.D

Acq: 9 Nov 2020 18:46

Tgt Ion:	91	Resp:	266790
Ion	Ratio	Lower	Upper
91	100		
126	31.1	0.0	61.8





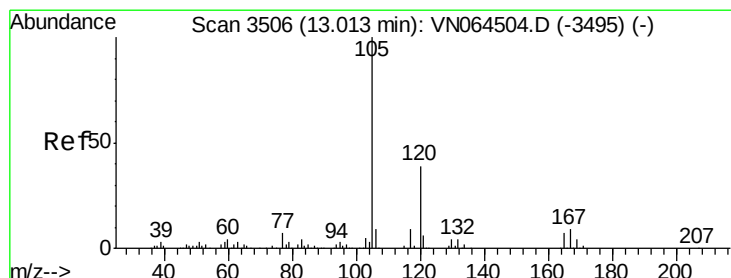
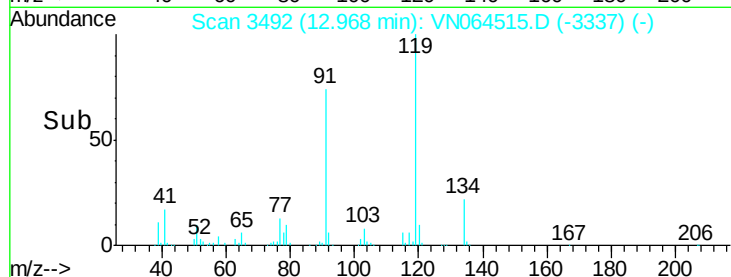
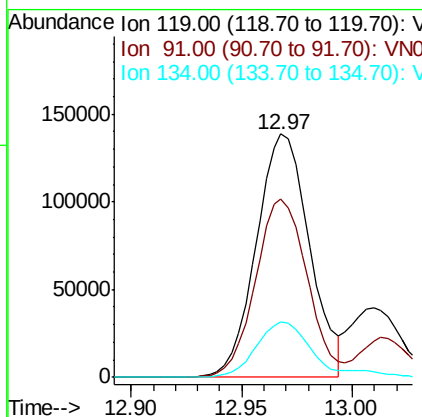
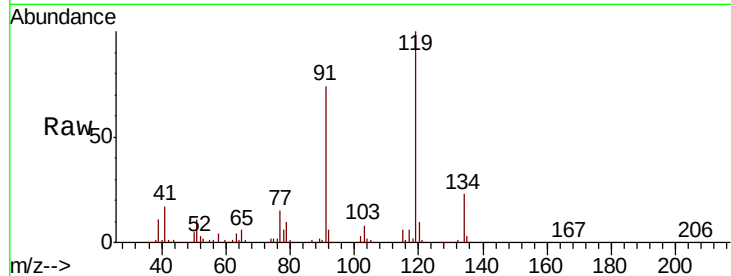
#79
tert-butylbenzene
Concen: 19.380 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	231352		
91	71.3	0.0	147.8	
134	22.7	0.0	50.6	

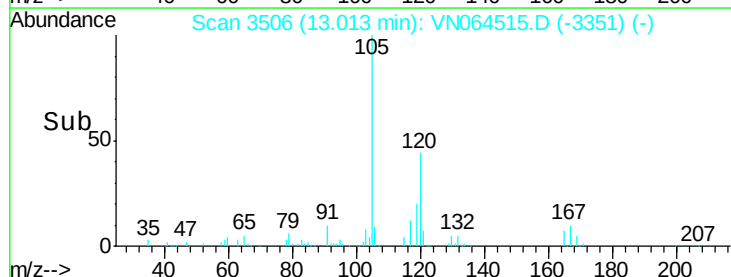
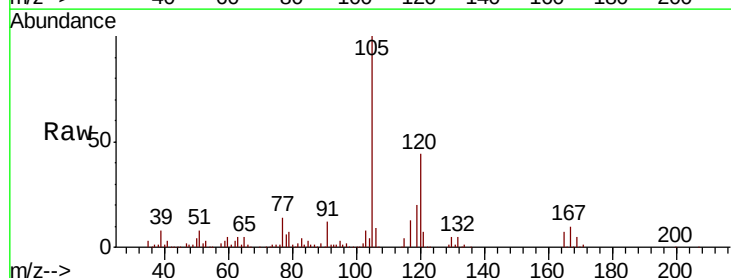
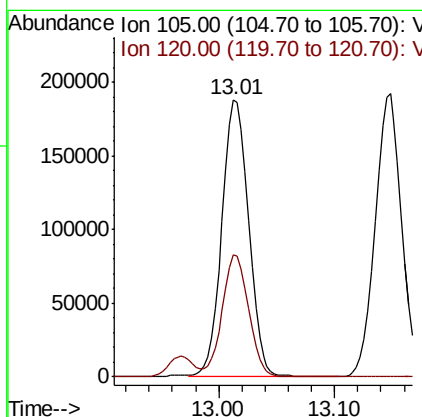
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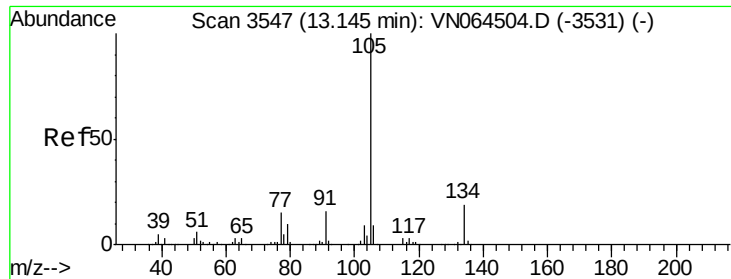
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 19.704 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	302054		
120	43.4	0.0	88.6	





#81

sec-Butylbenzene

Concen: 19.337 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064515.D

Acq: 9 Nov 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion:105 Resp: 305993

Ion Ratio Lower Upper

105 100

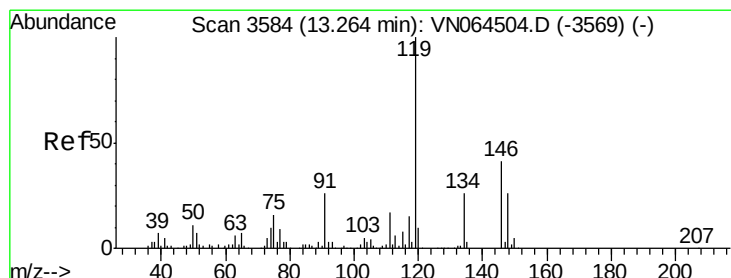
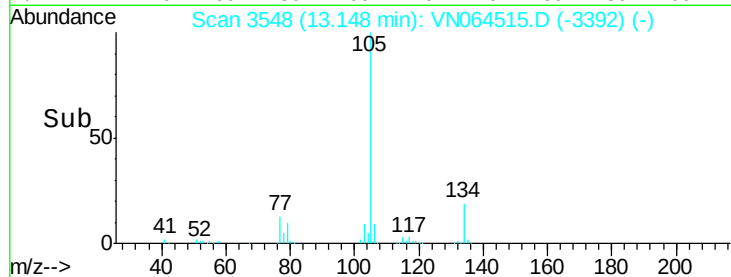
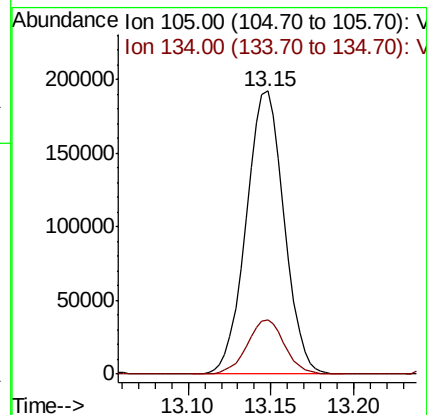
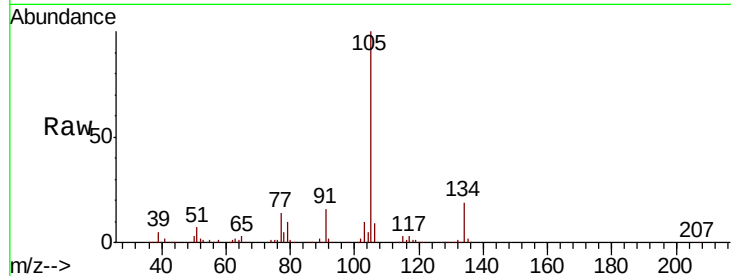
134 18.8 0.0 37.8

Manual Integrations

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#82

p-Isopropyltoluene

Concen: 18.919 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN064515.D

Acq: 9 Nov 2020 18:46

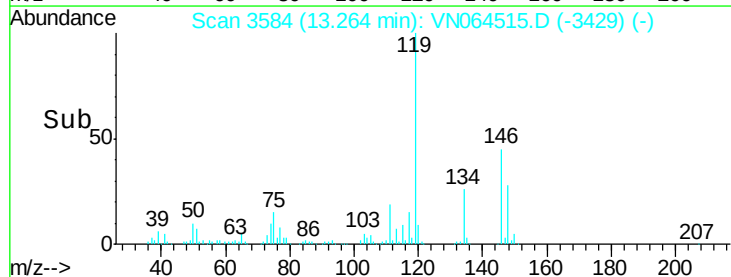
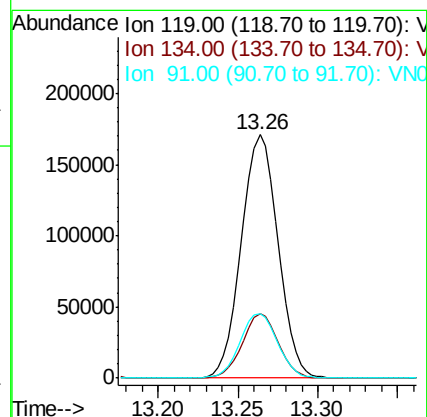
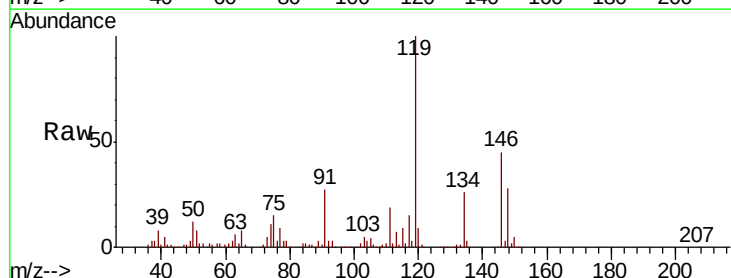
Tgt Ion:119 Resp: 267463

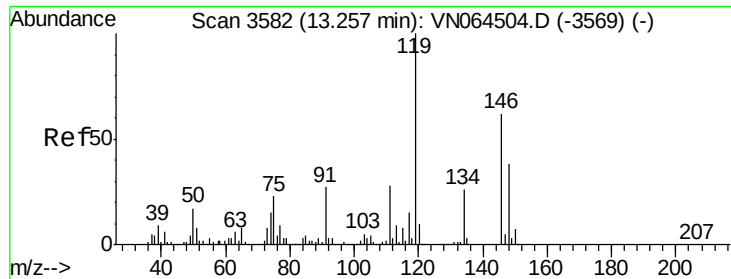
Ion Ratio Lower Upper

119 100

134 25.7 0.0 53.0

91 26.9 0.0 53.2





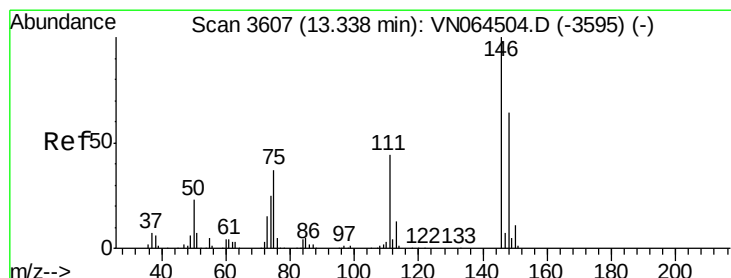
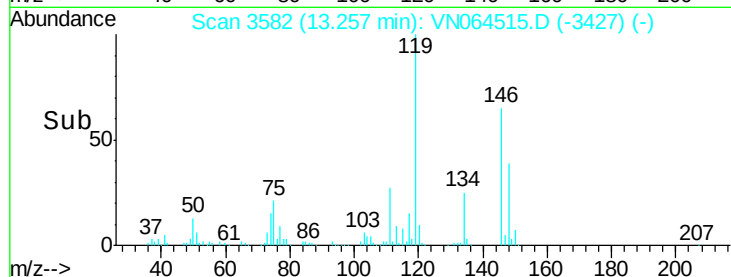
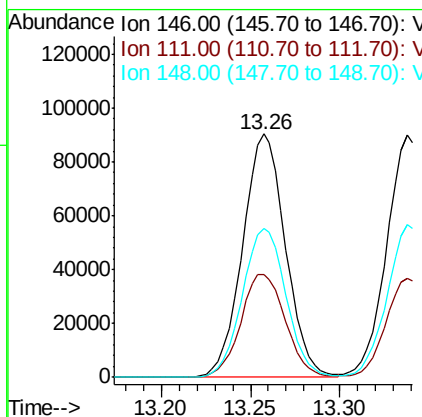
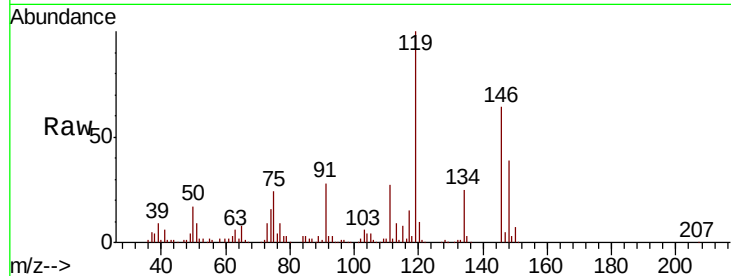
#83
1,3-Dichlorobenzene
Concen: 19.320 ug/l
RT: 13.26 min Scan# 3582
Delta R.T. -0.00 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	22.3	66.9
148	62.4	31.8	95.3

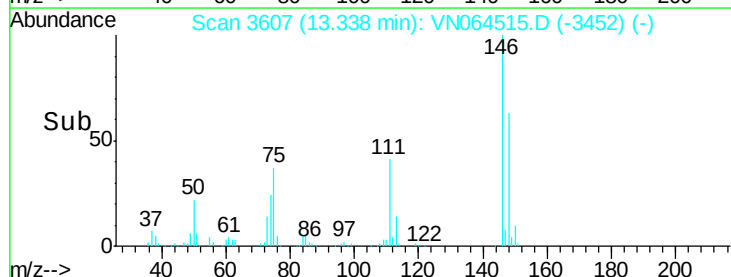
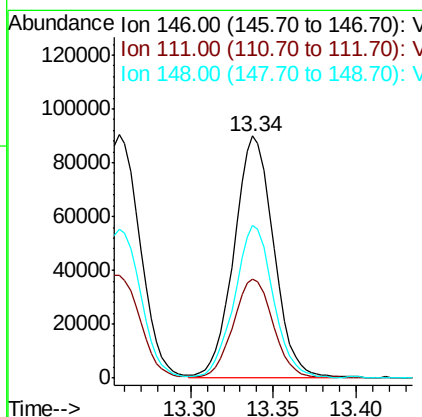
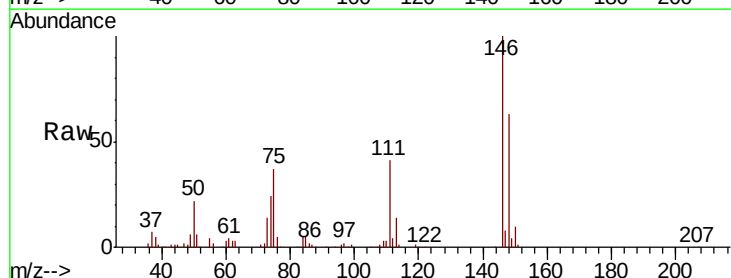
Manual Integrations
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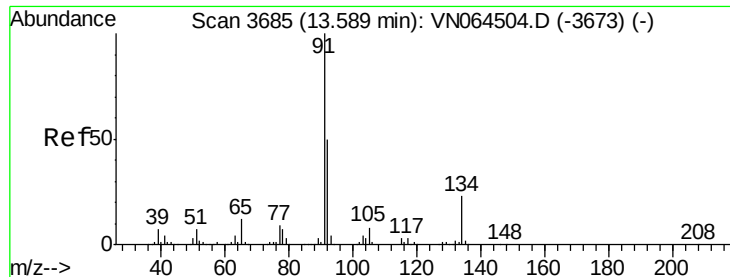
MMDadoda
11/10/2020 1:10:58 PM



#84
1,4-Dichlorobenzene
Concen: 19.199 ug/l
RT: 13.34 min Scan# 3607
Delta R.T. -0.00 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	21.8	65.4
148	62.0	31.5	94.5





#85

n-Butylbenzene

Concen: 18.453 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064515.D

Acq: 9 Nov 2020 18:46

Instrument :

MSVOA_N

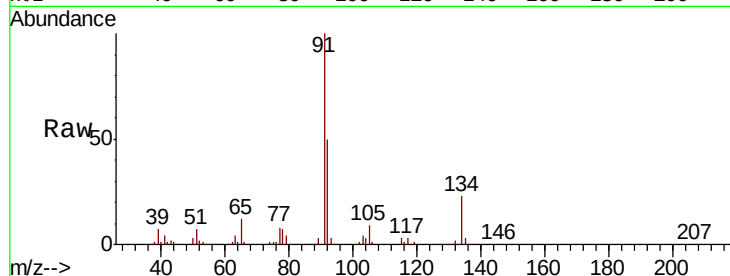
ClientSampleId :

VSTDCCC020EC

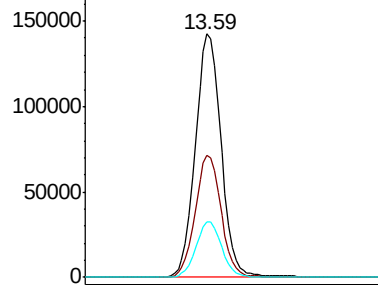
Tot Ion:	91	Resp:	226164
Ion	Ratio	Lower	Upper
91	100		
92	50.3	0.0	101.4
134	22.8	0.0	45.2

Manual Integrations
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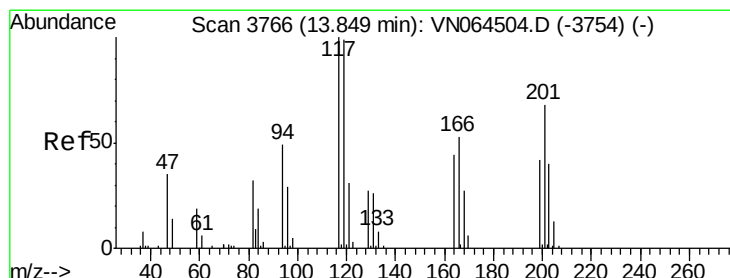
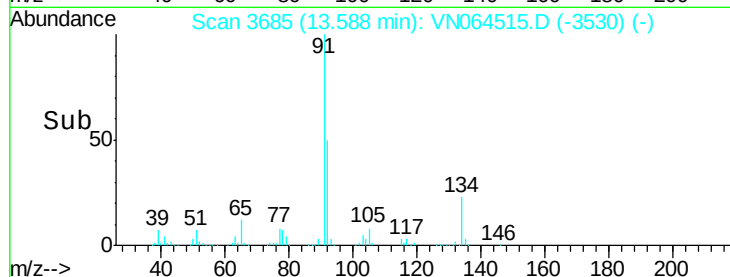
MMDadoda
11/10/2020 1:10:58 PM



Abundance Ion 91.00 (90.70 to 91.70): VN064515.D (-3530) (-)



Time-->



#86

Hexachloroethane

Concen: 18.835 ug/l

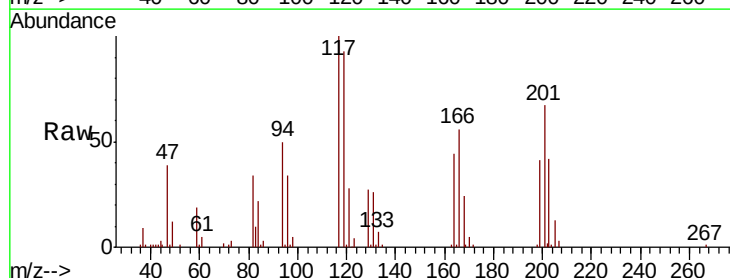
RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

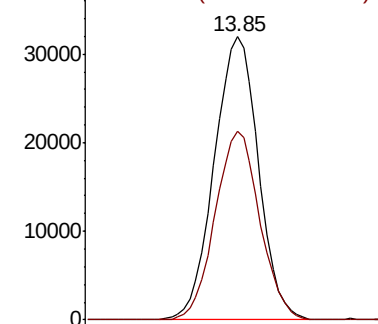
Lab File: VN064515.D

Acq: 9 Nov 2020 18:46

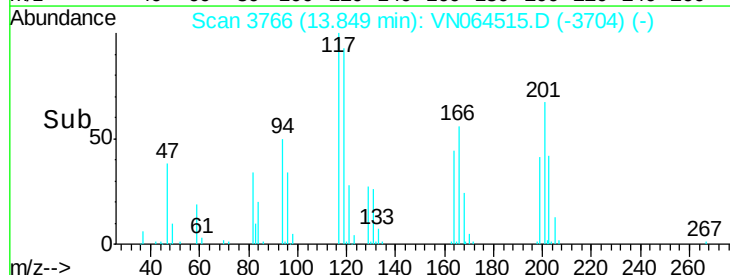
Tgt Ion:	117	Resp:	53058
Ion	Ratio	Lower	Upper
117	100		
201	67.3	33.1	99.3

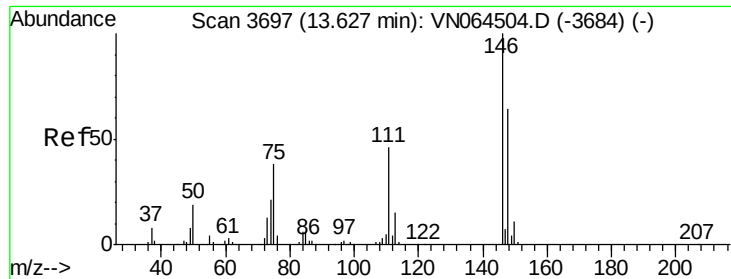


Abundance Ion 117.00 (116.70 to 117.70): VN064515.D (-3704) (-)



Time-->





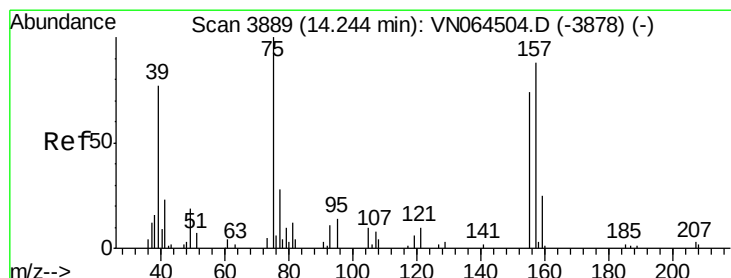
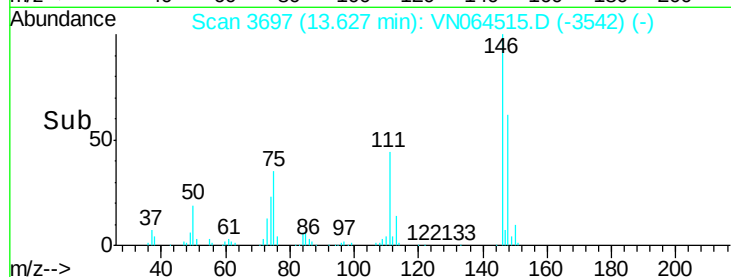
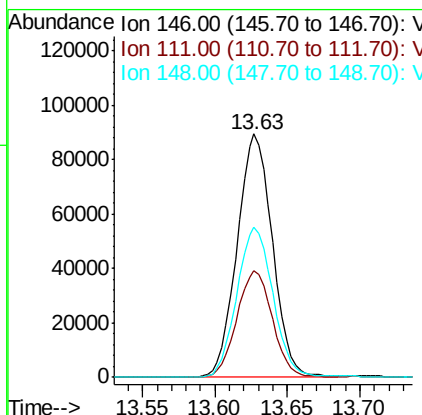
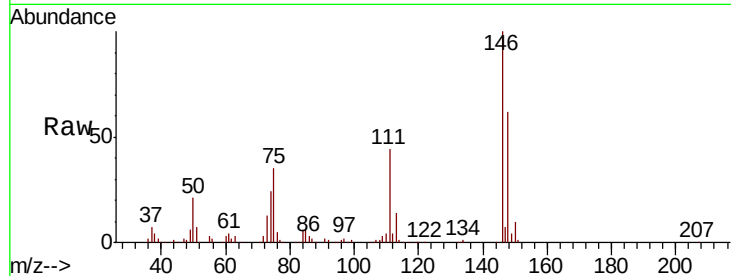
#87
 1,2-Dichlorobenzene
 Concen: 19.870 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN064515.D
 Acq: 9 Nov 2020 18:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.9	23.1	69.2
148	62.9	32.6	97.8

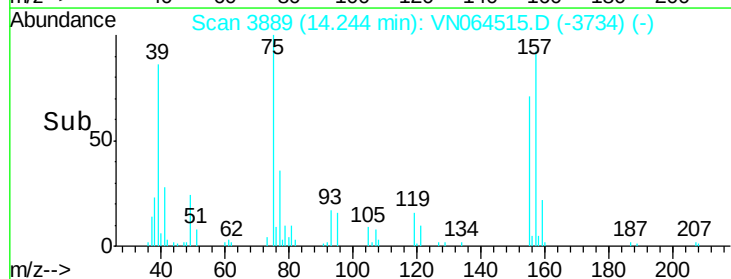
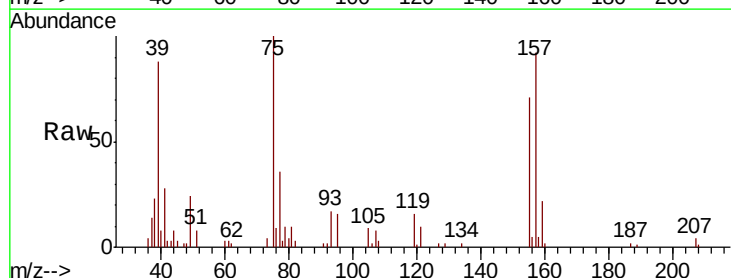
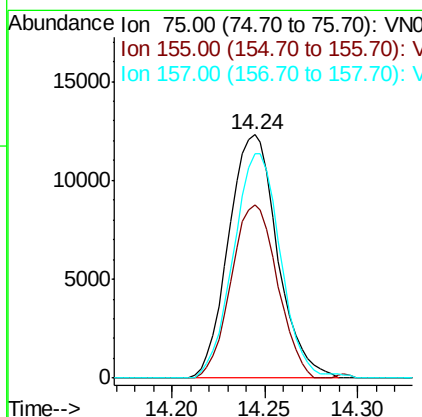
Manual Integrations
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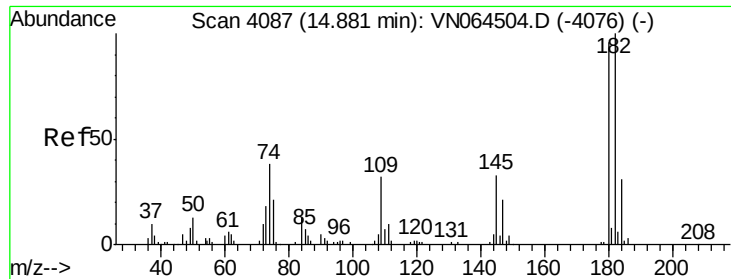
MMDadoda
 11/10/2020 1:10:58 PM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.110 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN064515.D
 Acq: 9 Nov 2020 18:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	67.3	56.5	84.7
157	88.5	69.7	104.5





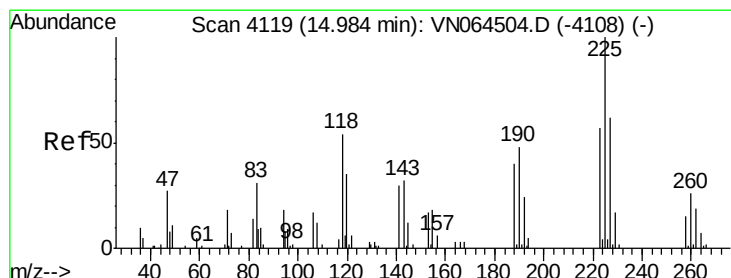
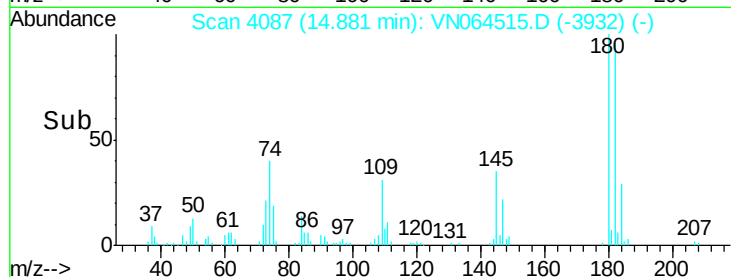
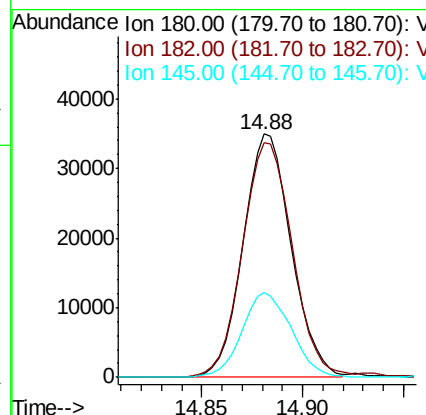
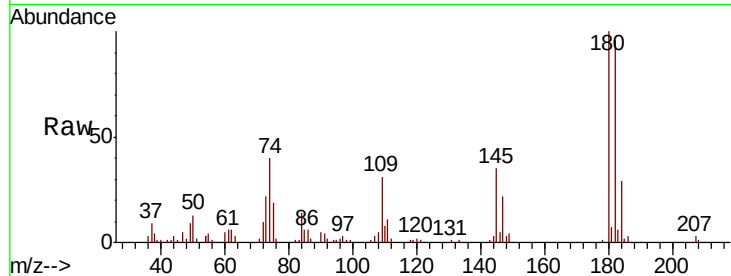
#89
1,2,4-Trichlorobenzene
Concen: 16.874 ug/l
RT: 14.88 min Scan# 4087
Delta R.T. -0.00 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	58517		
182	99.9	79.4	119.0	
145	35.5	27.6	41.4	

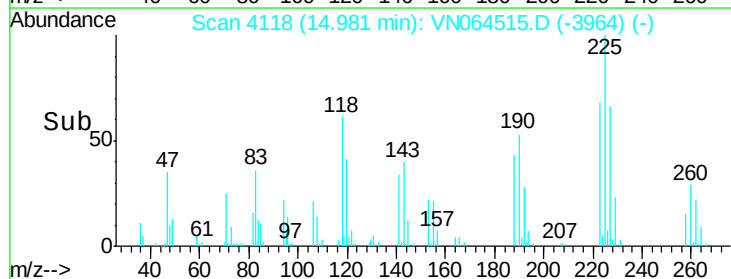
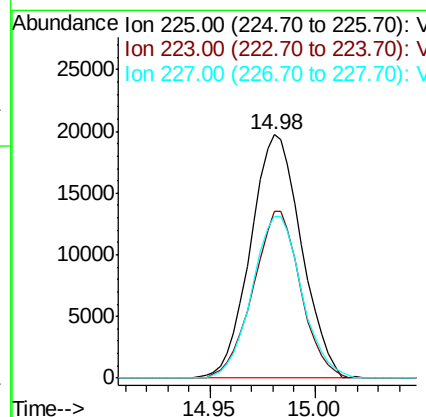
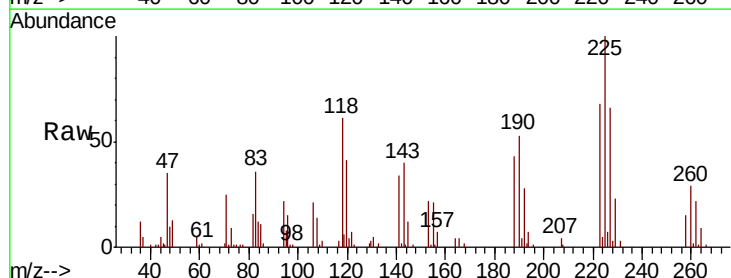
Manual Integrations
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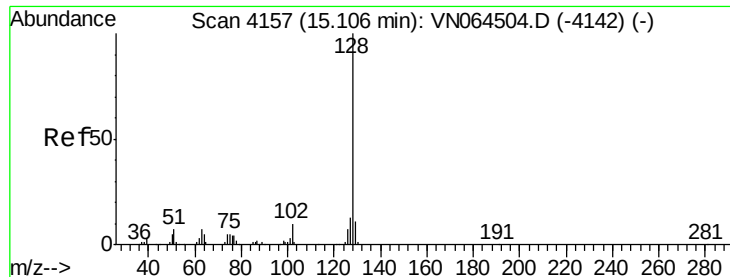
MMDadoda
11/10/2020 1:10:58 PM



#90
Hexachlorobutadiene
Concen: 19.145 ug/l
RT: 14.98 min Scan# 4118
Delta R.T. -0.00 min
Lab File: VN064515.D
Acq: 9 Nov 2020 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	33068		
223	64.0	0.0	125.4	
227	64.8	0.0	122.0	





#91

Naphthalene

Concen: 16.573 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN064515.D

Acq: 9 Nov 2020 18:46

Instrument :

MSVOA_N

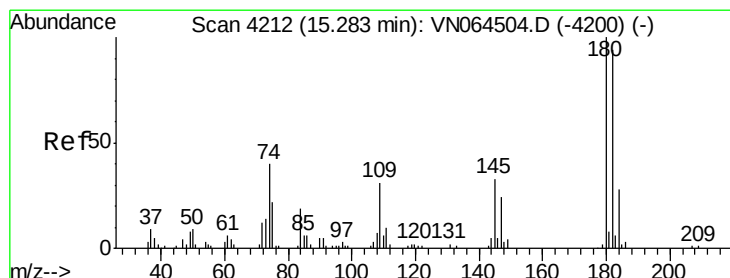
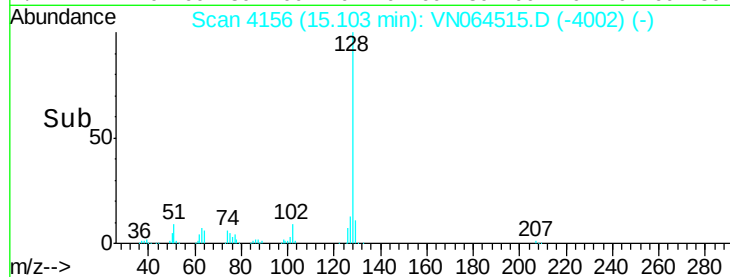
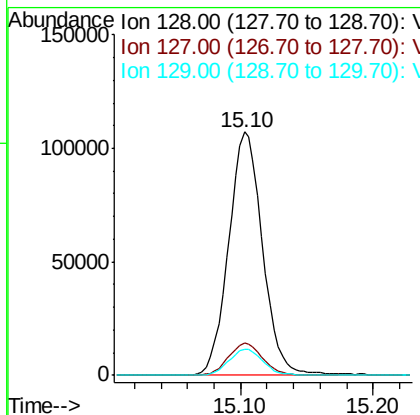
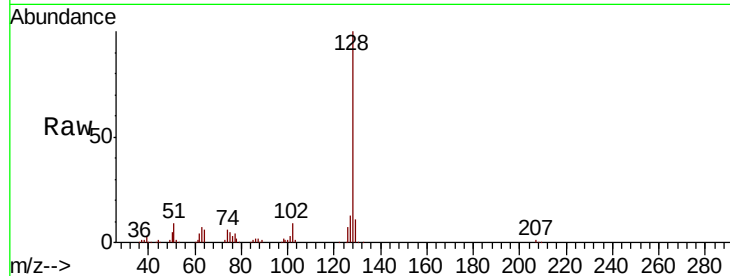
ClientSampleId :

VSTDCCC020EC

Tot Ion:	128	Resp:	190119
Ion Ratio		Lower	Upper
128	100		
127	13.4	10.2	15.4
129	10.9	8.5	12.7

Manual Integrations
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11/10/2020 1:10:58 PM



#92

1,2,3-Trichlorobenzene

Concen: 17.829 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN064515.D

Acq: 9 Nov 2020 18:46

Tgt Ion:	180	Resp:	62573
Ion Ratio		Lower	Upper
180	100		
182	96.6	0.0	186.0
145	36.5	0.0	69.6

